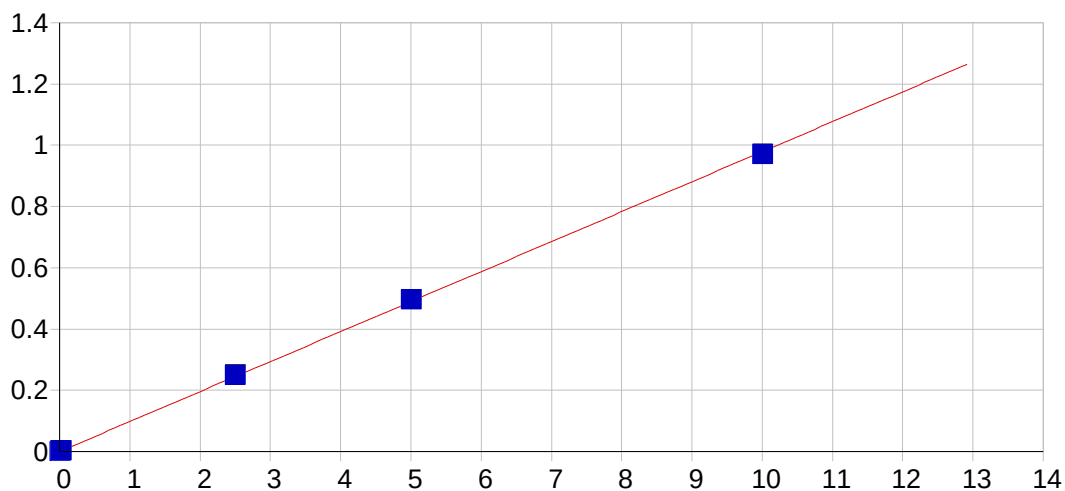




As 189.042 {478}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000057

Re-Slope: 1.000000

A1 (Gain): 0.097886

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

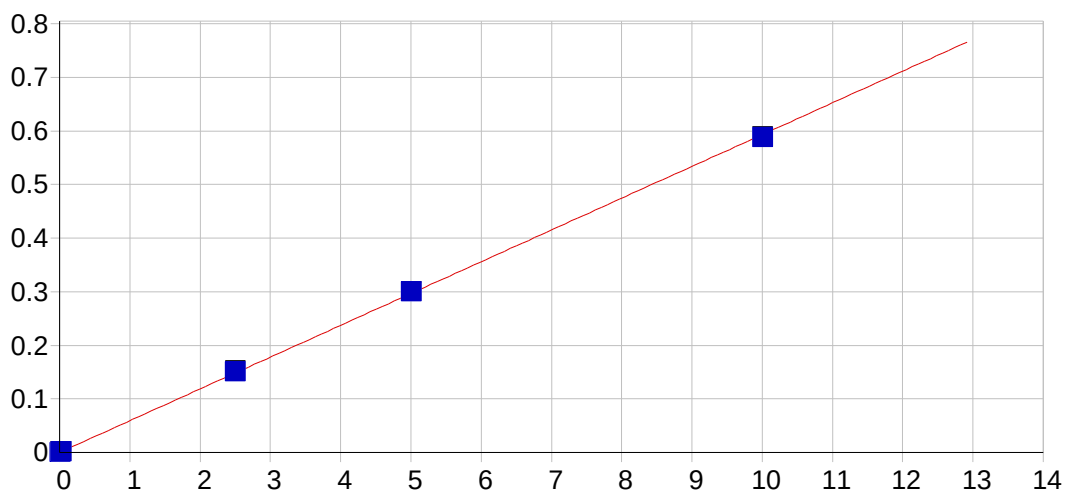
Status: OK.

Std Error of Est: 0.000025

Predicted MDL: 0.003060

Predicted MQL: 0.010200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.01984	-.000	-.817	.00200	.000	1
S3	2.5000	2.5406	.041	1.62	.24873	.002	1
S4	5.0000	5.0483	.048	.966	.49418	.000	1
S5	10.000	9.9113	-.089	-.887	.97017	.000	1



As 189.042 {479}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

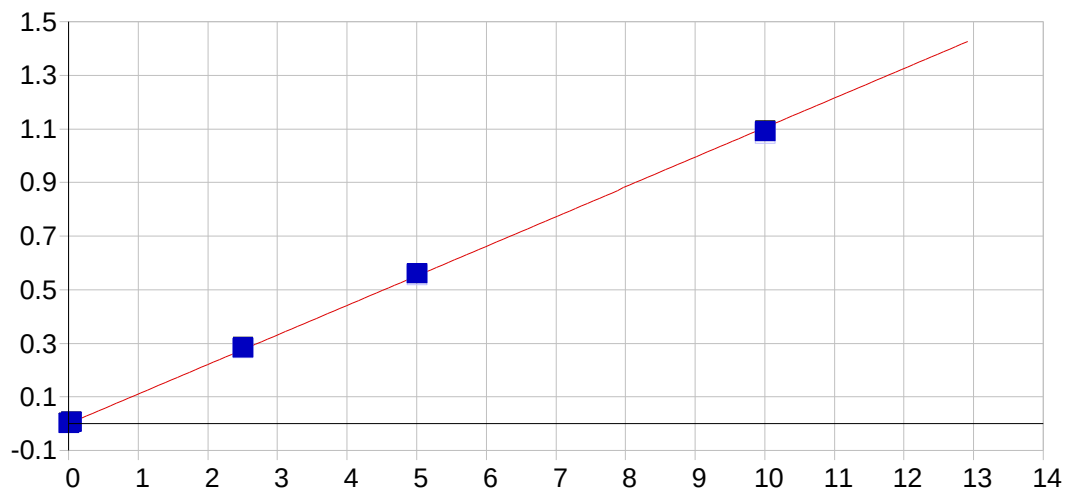
Weighting: 1/Conc

A0 (Offset): 0.000009

Re-Slope: 1.000000

A1 (Gain): 0.059315 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003209
 Predicted MQL: 0.010696

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.02000	.02551	.006	27.5	.00152	.000	1
S3	2.5000	2.5451	.045	1.80	.15097	.001	1
S4	5.0000	5.0483	.048	.965	.29945	.001	1
S5	10.000	9.9011	-.099	-.989	.58730	.001	1

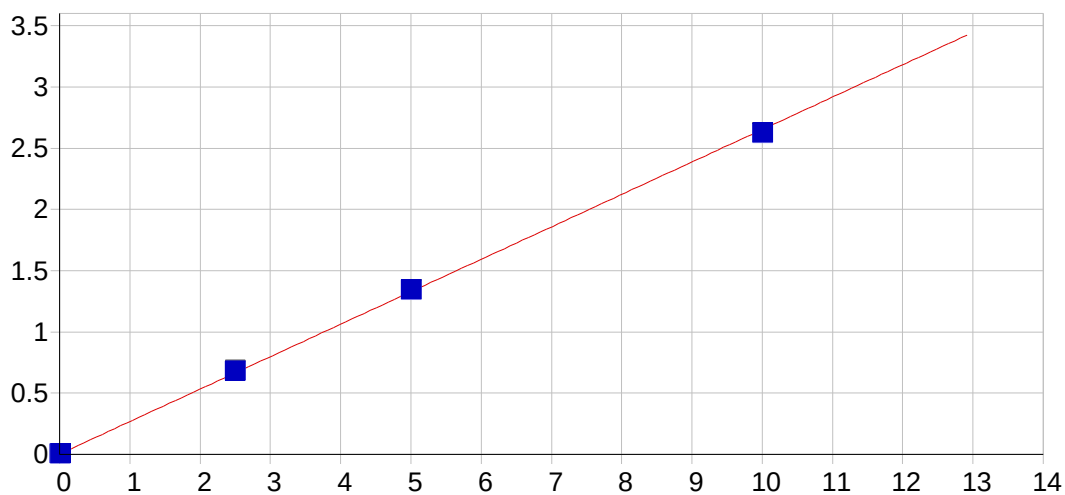


TI 190.856 {477}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000171 Re-Slope: 1.000000
 A1 (Gain): 0.110428 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001667
 Predicted MQL: 0.005558

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00017	.000	1
S1	.04000	.04787	.008	19.7	.00500	.000	1
S3	2.5000	2.5653	.065	2.61	.28028	.001	1
S4	5.0000	5.0545	.055	1.09	.55233	.002	1
S5	10.000	9.8724	-.128	-1.28	1.0787	.001	1

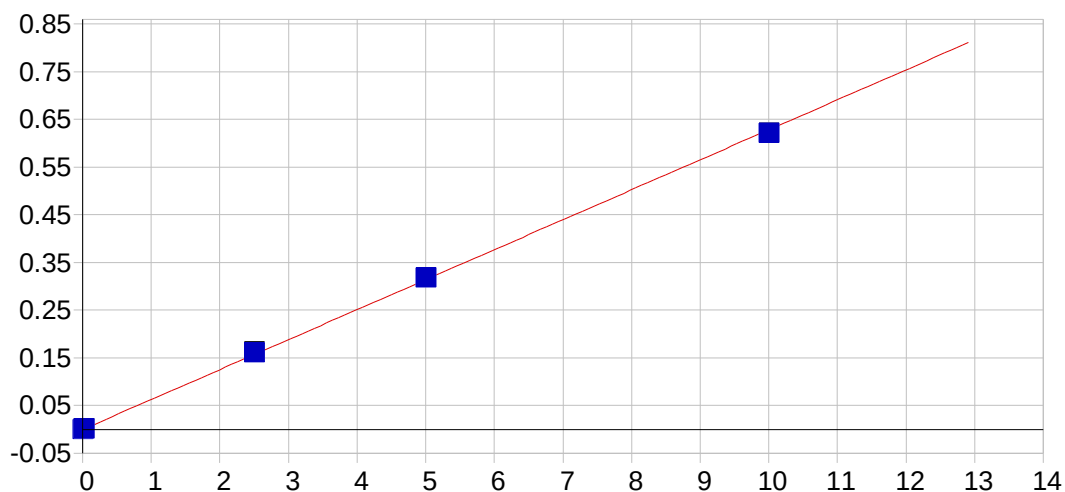


Pb 220.353 {453}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003209 Re-Slope: 1.000000
 A1 (Gain): 0.264878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.001144
 Predicted MQL: 0.003812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00321	.000	1
S1	.01200	.01134	-.001	-5.47	.00616	.000	1
S3	2.5000	2.5591	.059	2.37	.68022	.005	1
S4	5.0000	5.0506	.051	1.01	1.3393	.000	1
S5	10.000	9.8909	-.109	-1.09	2.6197	.001	1



Se 196.090 {472}

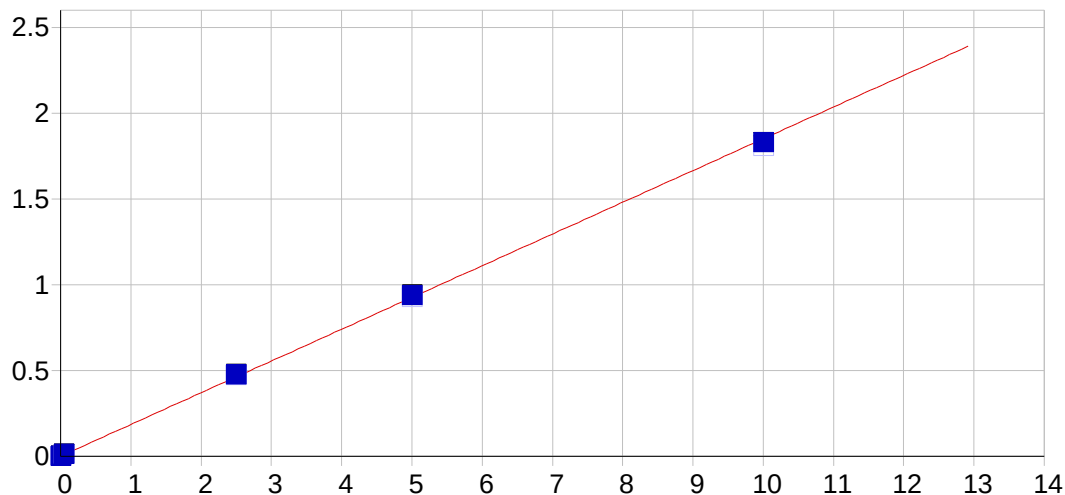
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.062853 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000023
 Predicted MDL: 0.003925
 Predicted MQL: 0.013083

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.02000	.02059	.001	2.93	.00116	.000	1
S3	2.5000	2.5637	.064	2.55	.16100	.001	1
S4	5.0000	5.0604	.060	1.21	.31794	.000	1
S5	10.000	9.8753	-.125	-1.25	.62058	.001	1



Sb 206.833 {463}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

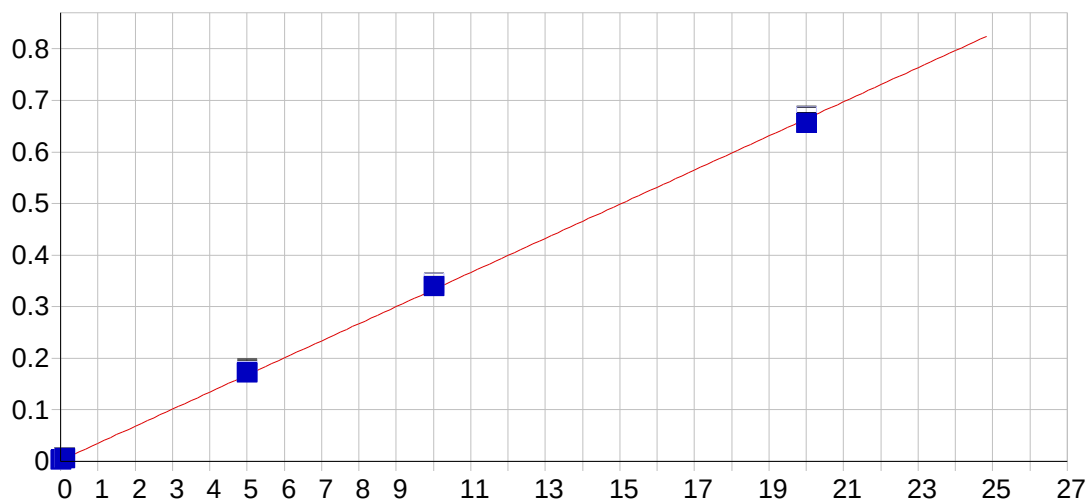
Weighting: 1/Conc

A0 (Offset): 0.000532
 A1 (Gain): 0.185005
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000106
 Predicted MDL: 0.001909
 Predicted MQL: 0.006363

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	.00053	.000	1
S1	.05000	.05358	.004	7.17	.01022	.000	1
S3	2.5000	2.5585	.058	2.34	.46867	.005	1
S4	5.0000	5.0621	.062	1.24	.92666	.001	1
S5	10.000	9.8758	-.124	-1.24	1.8068	.002	1

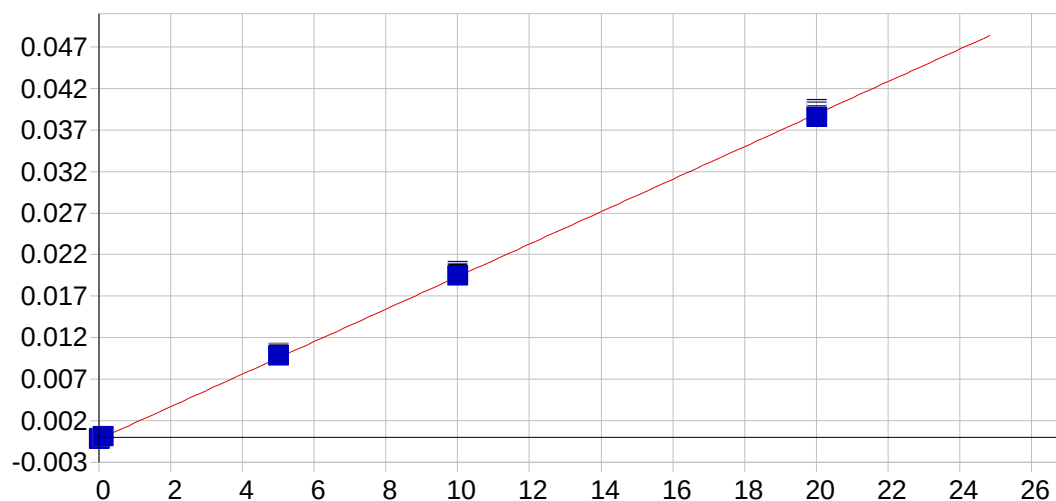


AI 308.215 {109}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001876 Re-Slope: 1.000000
 A1 (Gain): 0.033120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.003614
 Predicted MQL: 0.012048

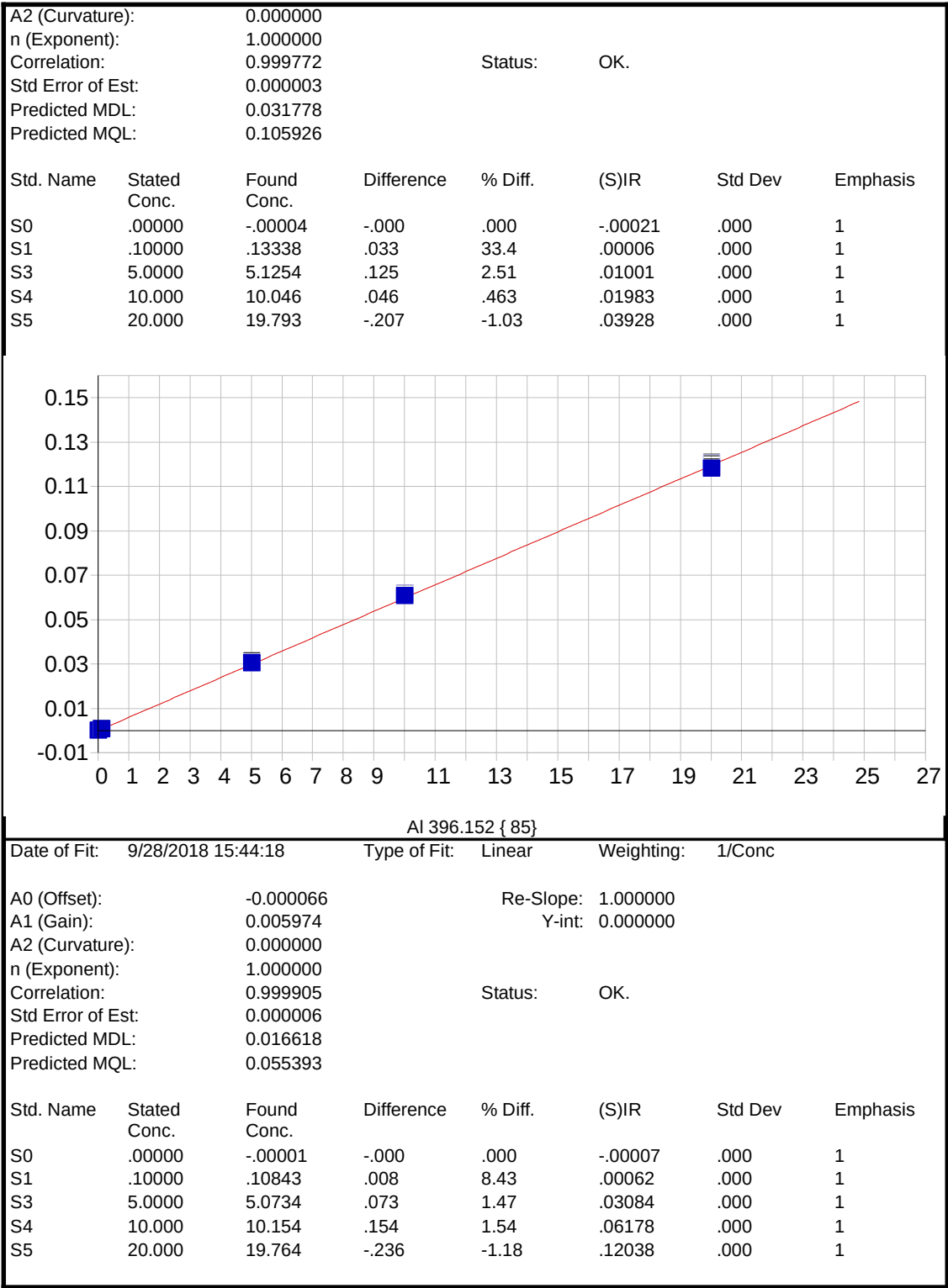
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00188	.000	1
S1	.10000	.11185	.012	11.8	.00581	.000	1
S3	5.0000	5.1084	.108	2.17	.17436	.004	1
S4	10.000	10.164	.164	1.64	.34509	.000	1
S5	20.000	19.716	-.284	-1.42	.66804	.001	1

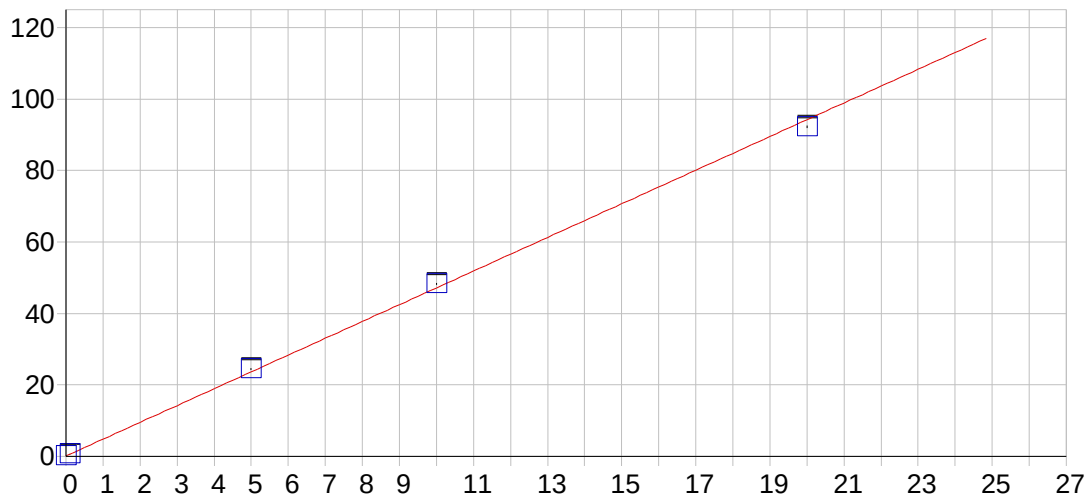


AI 309.271 {109}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000213 Re-Slope: 1.000000
 A1 (Gain): 0.001956 Y-int: 0.000000



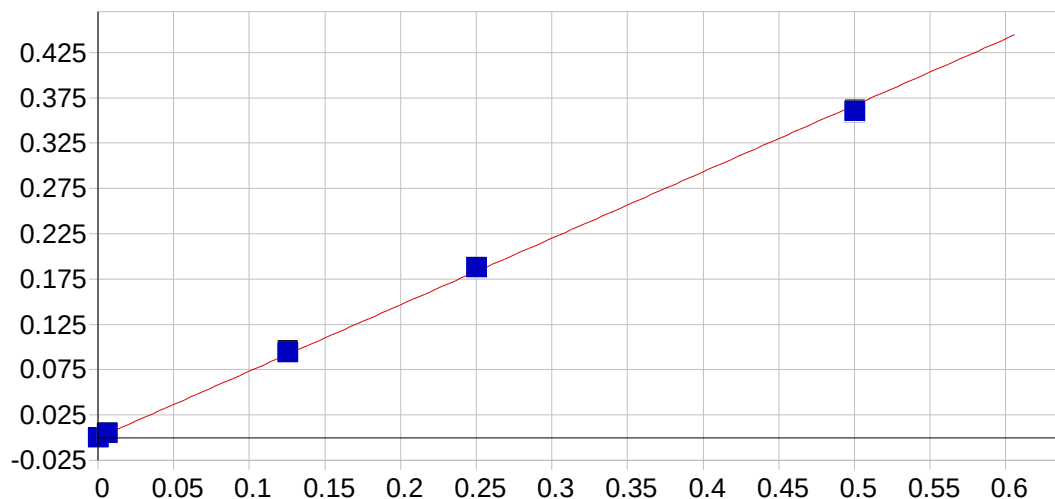


Ba 493.409 { 68}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.124325 Re-Slope: 1.000000
 A1 (Gain): 4.703881 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.008765
 Predicted MDL: 0.000874
 Predicted MQL: 0.002912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.12427	.002	1
S1	.10000	.10768	.008	7.68	.63085	.005	1
S3	5.0000	5.1734	.173	3.47	24.459	.286	1
S5	20.000	19.583	-.417	-2.08	92.241	.352	1
S4	10.000	10.236	.236	2.36	48.272	.346	1



Be 234.861 {144}

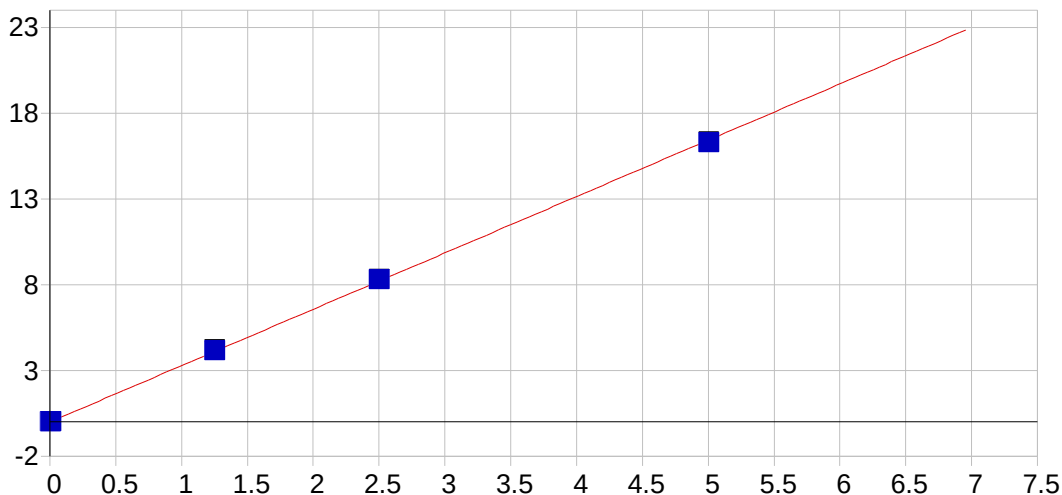
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.733482 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777
 Std Error of Est: 0.000046
 Predicted MDL: 0.000086
 Predicted MQL: 0.000285

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.00600	.00644	.000	7.33	.00463	.000	1
S3	.12500	.12809	.003	2.47	.09332	.002	1
S4	.25000	.25543	.005	2.17	.18615	.000	1
S5	.50000	.49104	-.009	-1.79	.35781	.001	1



Cd 226.502 {449}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

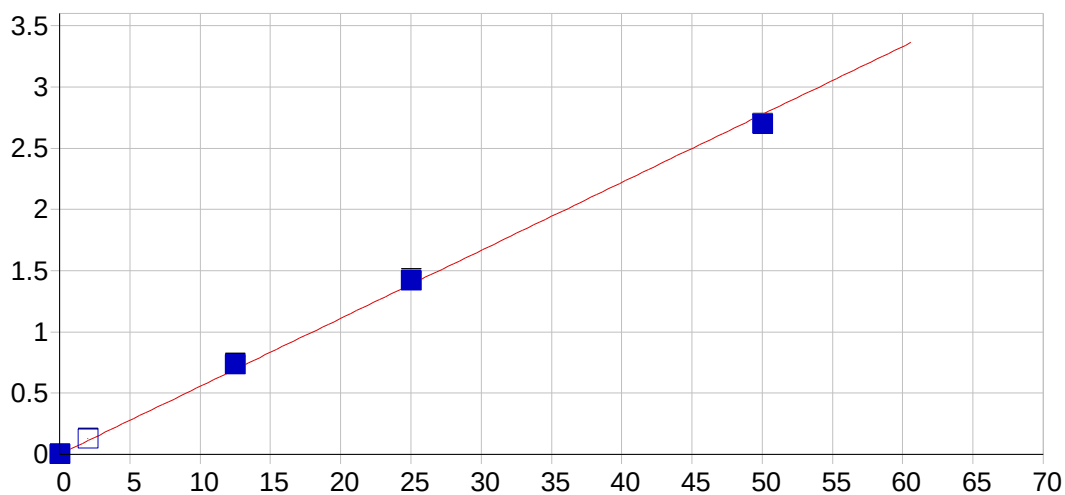
Weighting: 1/Conc

A0 (Offset): -0.001134
 A1 (Gain): 3.284729
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000282
 Predicted MDL: 0.000101
 Predicted MQL: 0.000335

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	-.00113	.000	1
S1	.00600	.00617	.000	2.85	.01917	.000	1
S3	1.2500	1.2661	.016	1.29	4.1585	.023	1
S4	2.5000	2.5231	.023	.926	8.2886	.002	1
S5	5.0000	4.9606	-.039	-.788	16.297	.003	1

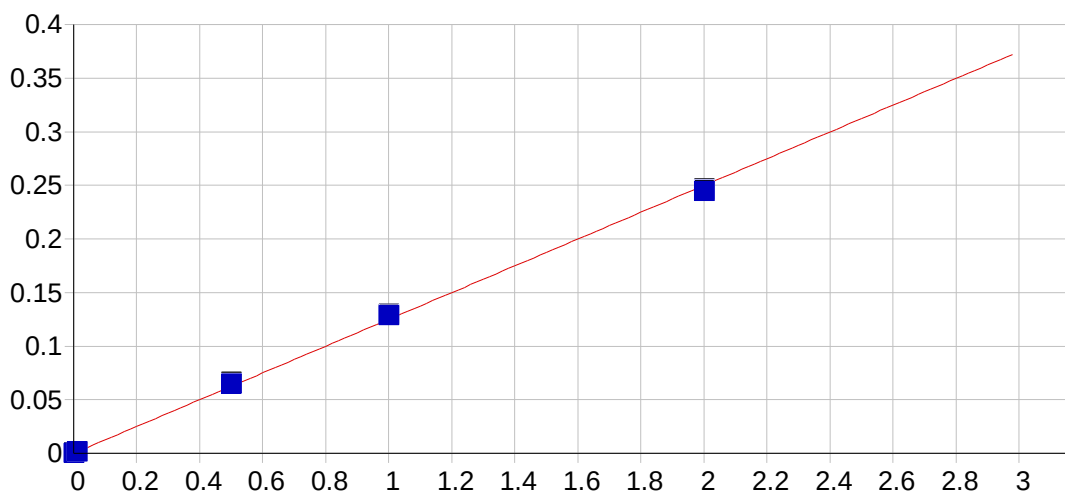


Ca 373.690 { 90}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000685 Re-Slope: 1.000000
 A1 (Gain): 0.055483 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999296 Status: OK.
 Std Error of Est: 0.001137
 Predicted MDL: 0.019690
 Predicted MQL: 0.065633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2848	.285	14.2	.12745	.005	1
S0	.00000	-.00037	-.000	.000	.00066	.000	1
S3	12.500	13.135	.635	5.08	.72981	.013	1
S4	25.000	25.531	.531	2.12	1.4180	.014	1
S5	50.000	48.550	-1.45	-2.90	2.6959	.003	1



Cr 267.716 {126}

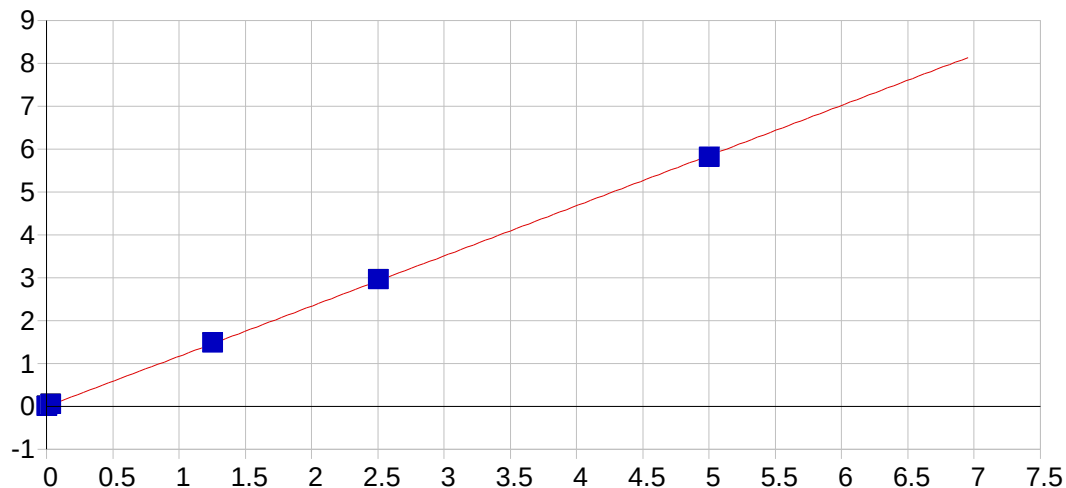
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.124872 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666
 Std Error of Est: 0.000025
 Predicted MDL: 0.000619
 Predicted MQL: 0.002064

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01101	.001	10.1	.00144	.000	1
S3	.50000	.51527	.015	3.05	.06487	.001	1
S4	1.0000	1.0285	.028	2.85	.12942	.000	1
S5	2.0000	1.9553	-.045	-2.24	.24608	.001	1



Co 228.616 {447}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

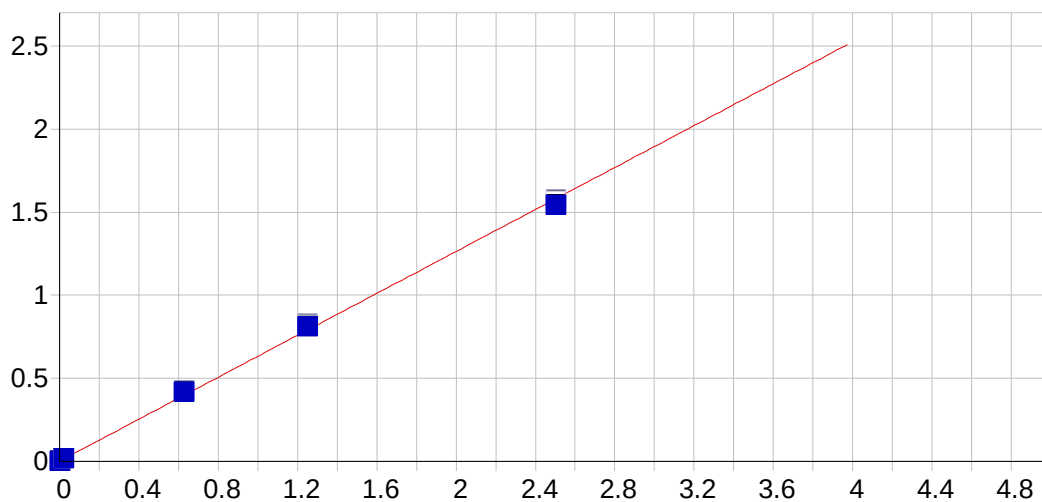
Weighting: 1/Conc

A0 (Offset): -0.000437
 A1 (Gain): 1.170250
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000225
 Predicted MDL: 0.000256
 Predicted MQL: 0.000854

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00044	.000	1
S1	.03000	.03260	.003	8.65	.03747	.000	1
S3	1.2500	1.2622	.012	.977	1.4778	.006	1
S4	2.5000	2.5197	.020	.788	2.9505	.001	1
S5	5.0000	4.9655	-.034	-.690	5.8150	.002	1

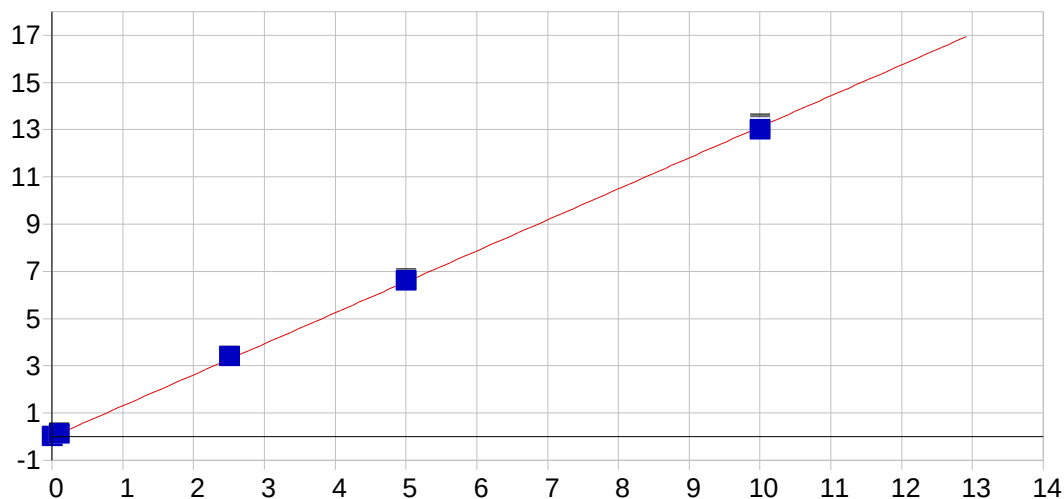


Cu 224.700 {450}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001531 Re-Slope: 1.000000
 A1 (Gain): 0.630995 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999589 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.000630
 Predicted MQL: 0.002100

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00153	.000	1
S1	.02000	.02197	.002	9.87	.01563	.000	1
S3	.62500	.65548	.030	4.88	.42246	.003	1
S4	1.2500	1.2778	.028	2.23	.82247	.003	1
S5	2.5000	2.4397	-.060	-2.41	1.5703	.002	1



Fe 240.488 {140}

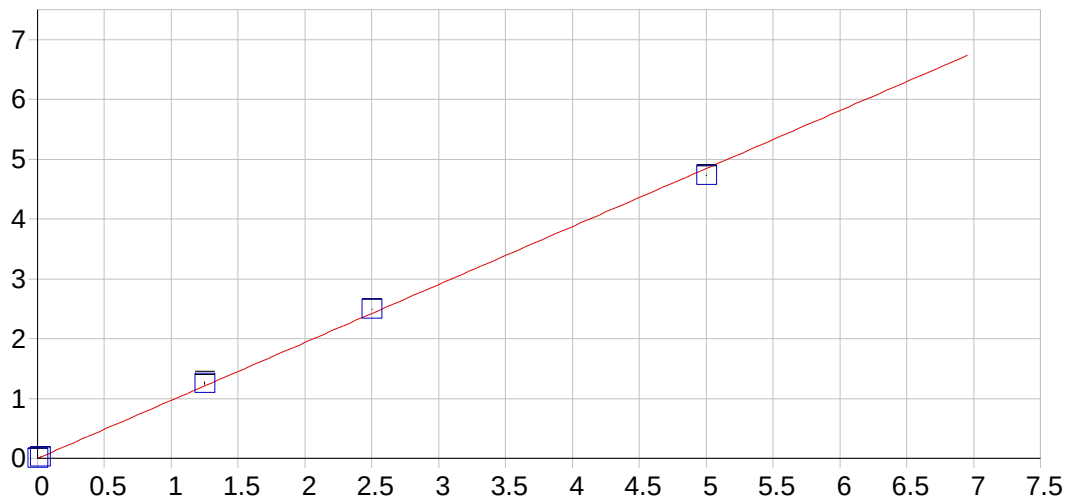
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006816 Re-Slope: 1.000000
 A1 (Gain): 1.312706 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.001056
 Predicted MDL: 0.009382
 Predicted MQL: 0.031275

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00681	.008	1
S1	.10000	.09488	-.005	-5.12	.11837	.023	1
S3	2.5000	2.5804	.080	3.22	3.3970	.007	1
S4	5.0000	5.0219	.022	.437	6.6184	.040	1
S5	10.000	9.9029	-.097	-.971	13.059	.164	1



Mn 257.610 {131}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

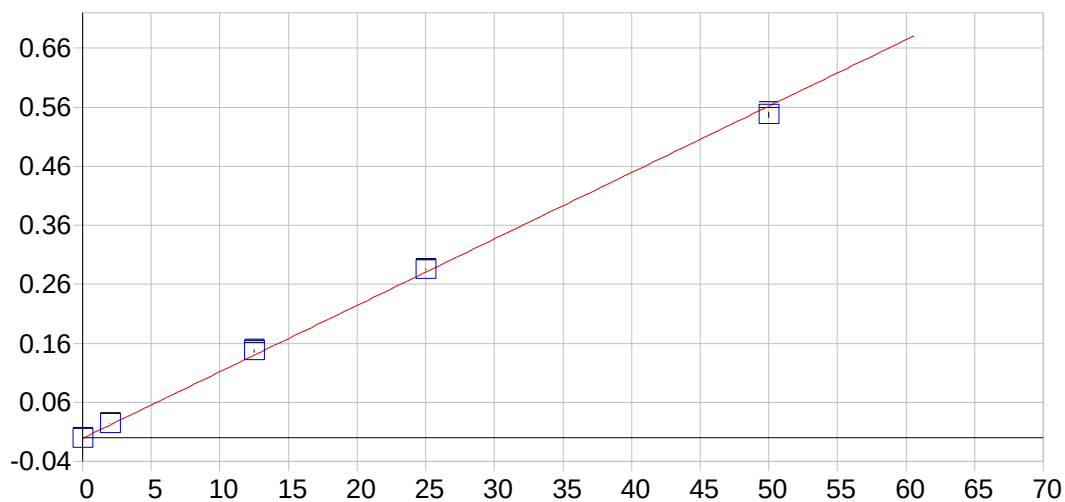
Weighting: 1/Conc

A0 (Offset): 0.000282
 A1 (Gain): 0.968719
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580
 Std Error of Est: 0.000480
 Predicted MDL: 0.000080
 Predicted MQL: 0.000265

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	.00028	.000	1
S1	.02000	.02356	.004	17.8	.02310	.000	1
S3	1.2500	1.2960	.046	3.68	1.2558	.026	1
S4	2.5000	2.5722	.072	2.89	2.4920	.000	1
S5	5.0000	4.8783	-.122	-2.43	4.7259	.009	1

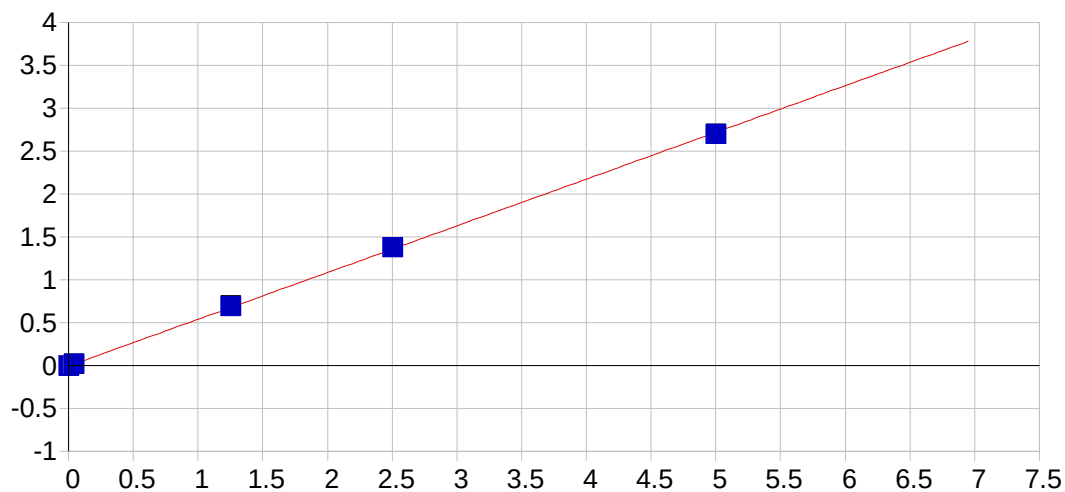


Mg 279.079 {121}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000674 Re-Slope: 1.000000
 A1 (Gain): 0.011250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999429 Status: OK.
 Std Error of Est: 0.000208
 Predicted MDL: 0.046390
 Predicted MQL: 0.154635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2349	.235	11.7	.02447	.001	1
S0	.00000	-.00032	-.000	.000	-.00068	.001	1
S3	12.500	13.161	.661	5.29	.14738	.003	1
S4	25.000	25.396	.396	1.58	.28502	.001	1
S5	50.000	48.708	-1.29	-2.58	.54728	.005	1



Ni 231.604 {445}

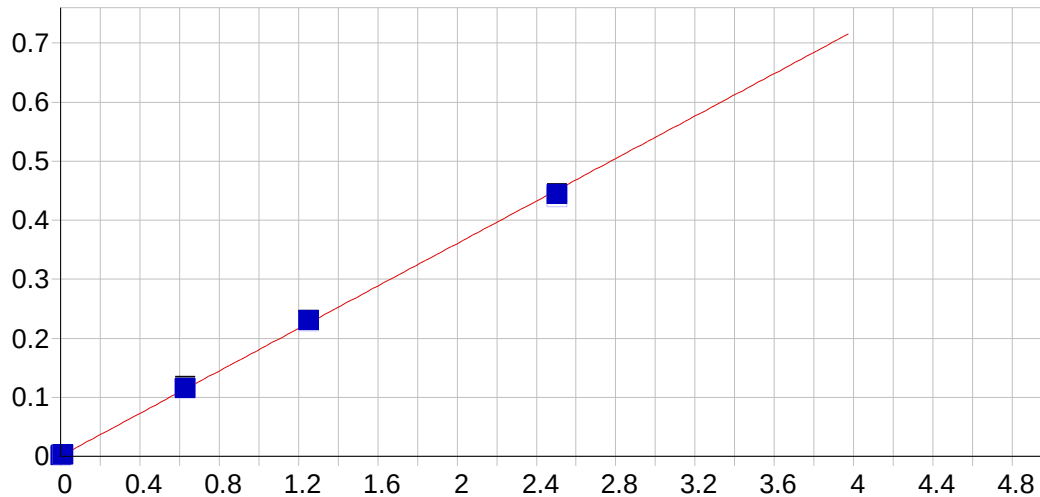
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005479 Re-Slope: 1.000000
 A1 (Gain): 0.544797 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000163
 Predicted MDL: 0.000507
 Predicted MQL: 0.001692

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00548	.000	1
S1	.04000	.04298	.003	7.46	.01795	.000	1
S3	1.2500	1.2721	.022	1.77	.68831	.006	1
S4	2.5000	2.5245	.025	.982	1.3714	.000	1
S5	5.0000	4.9504	-.050	-.993	2.6944	.001	1



Ag 328.068 {103}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

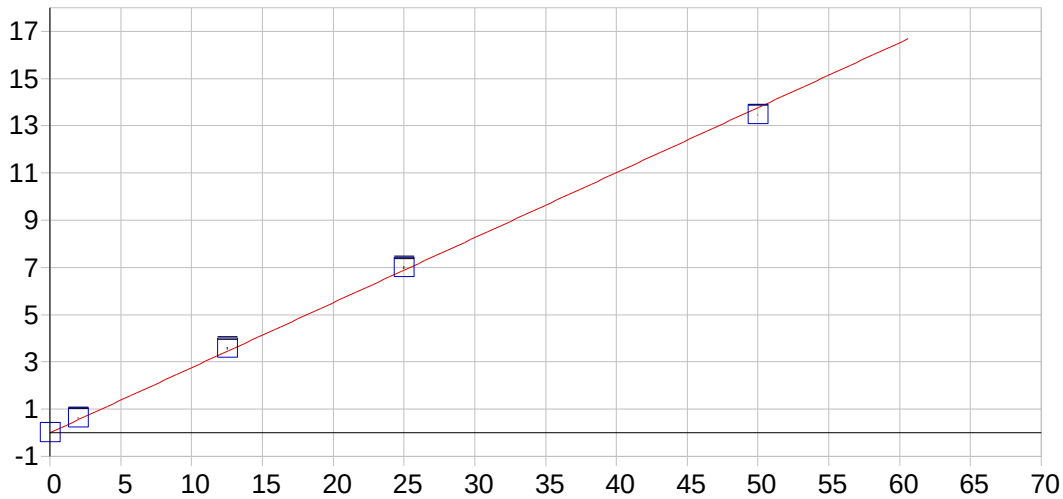
Weighting: 1/Conc

A0 (Offset): 0.000658
 A1 (Gain): 0.179913
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.000027
 Predicted MDL: 0.000737
 Predicted MQL: 0.002457

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	.00066	.000	1
S1	.01000	.01064	.001	6.36	.00253	.000	1
S3	.62500	.63778	.013	2.04	.11413	.003	1
S4	1.2500	1.2746	.025	1.97	.22742	.000	1
S5	2.5000	2.4620	-.038	-1.52	.43850	.001	1

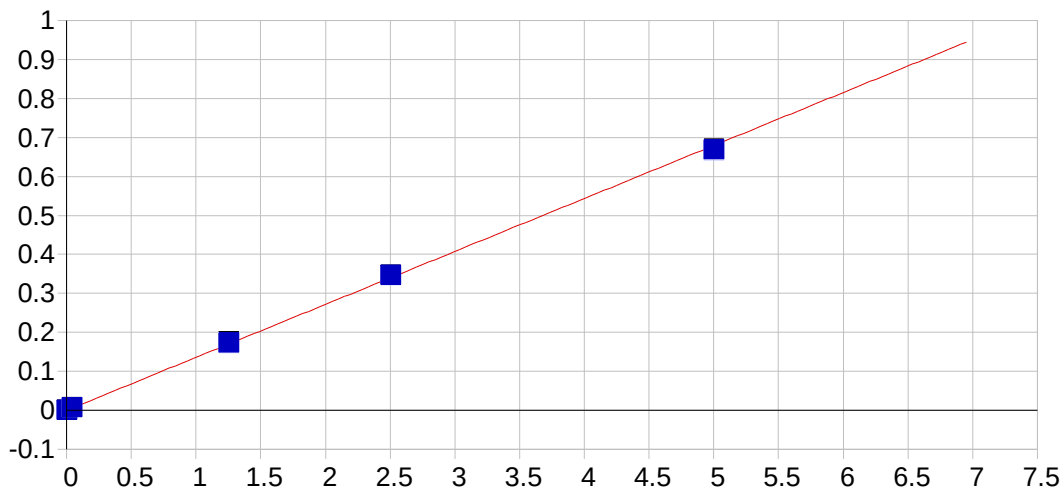


Na 589.592 { 57}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001208 Re-Slope: 1.000000
 A1 (Gain): 0.275392 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999532 Status: OK.
 Std Error of Est: 0.004599
 Predicted MDL: 0.012175
 Predicted MQL: 0.040582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2627	.263	13.1	.62433	.022	1
S0	.00000	-.00032	-.000	.000	.00112	.002	1
S3	12.500	12.972	.472	3.78	3.5737	.049	1
S4	25.000	25.390	.390	1.56	6.9934	.060	1
S5	50.000	48.875	-1.12	-2.25	13.461	.008	1



V 292.402 {115}

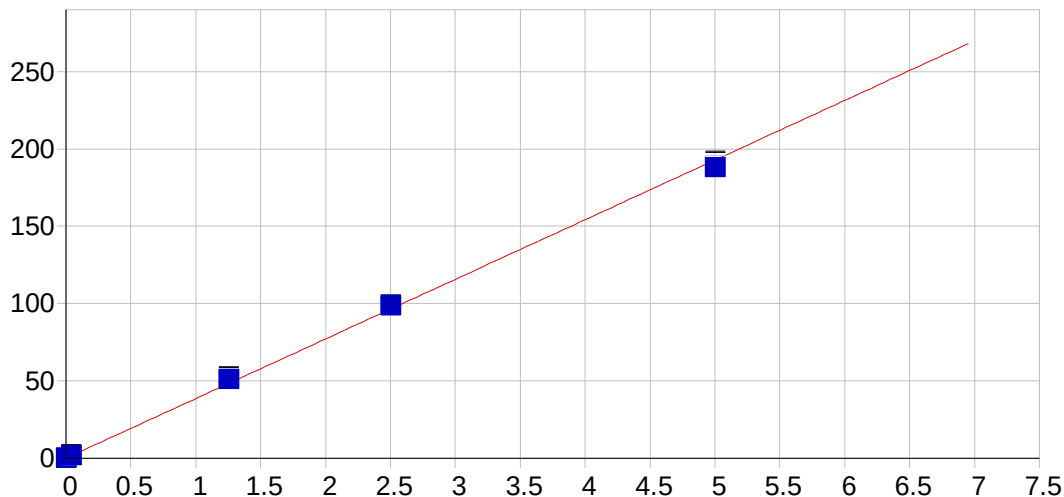
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.135893 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800
 Std Error of Est: 0.000065
 Predicted MDL: 0.000685
 Predicted MQL: 0.002284

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04613	.006	15.3	.00610	.000	1
S3	1.2500	1.2715	.022	1.72	.17160	.003	1
S4	2.5000	2.5494	.049	1.98	.34415	.001	1
S5	5.0000	4.9230	-.077	-1.54	.66448	.001	1



Zn 206.200 {163}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

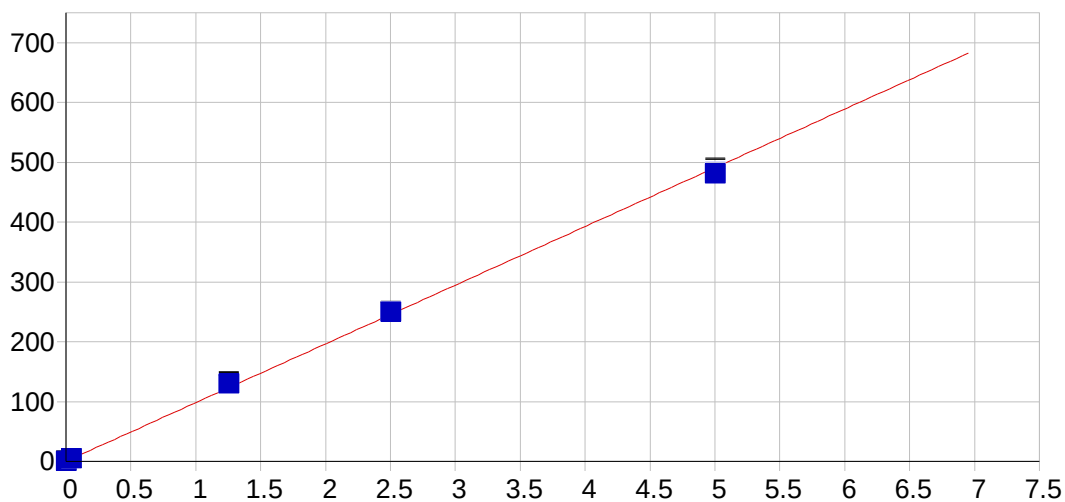
Weighting: 1/Conc

A0 (Offset): 0.069173
 A1 (Gain): 38.544933
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999511
 Std Error of Est: 0.029354
 Predicted MDL: 0.000428
 Predicted MQL: 0.001426

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	.06889	.009	1
S1	.04000	.04535	.005	13.4	1.8273	.045	1
S3	1.2500	1.3184	.068	5.47	51.178	1.19	1
S4	2.5000	2.5521	.052	2.08	99.021	.131	1
S5	5.0000	4.8742	-.126	-2.52	189.11	3.04	1

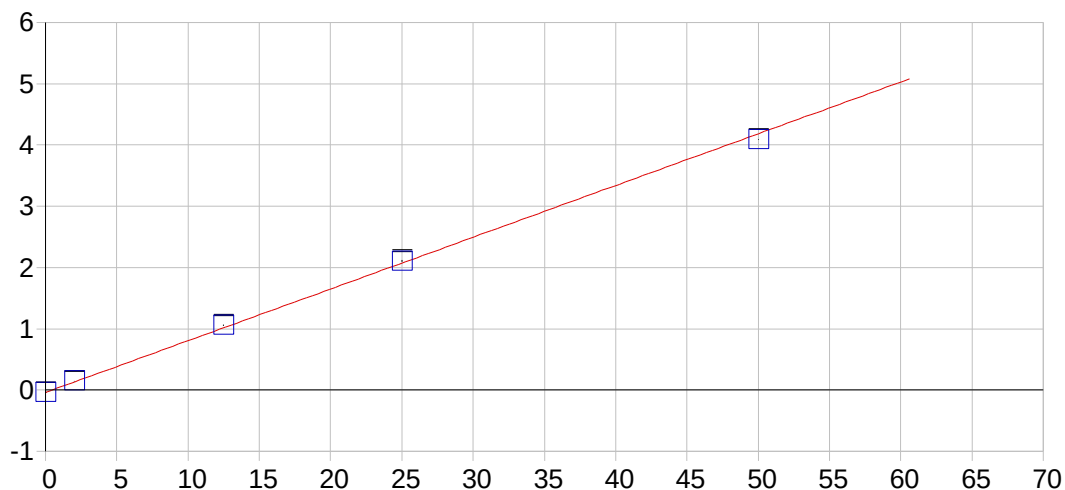


Zn 213.856 {458}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.102925 Re-Slope: 1.000000
 A1 (Gain): 98.157810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999626 Status: OK.
 Std Error of Est: 0.065399
 Predicted MDL: 0.000091
 Predicted MQL: 0.000302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10237	.007	1
S1	.04000	.04377	.004	9.42	4.4248	.044	1
S3	1.2500	1.3154	.065	5.23	129.96	2.34	1
S4	2.5000	2.5382	.038	1.53	250.73	.068	1
S5	5.0000	4.8927	-.107	-2.15	483.32	7.01	1



K 766.490 {44}

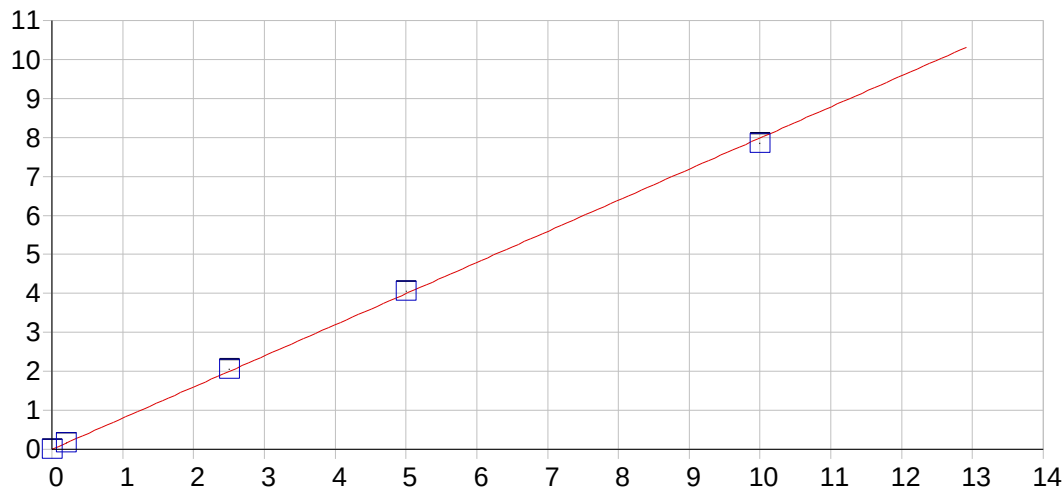
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.039152 Re-Slope: 1.000000
 A1 (Gain): 0.084450 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999648
 Std Error of Est: 0.001223
 Predicted MDL: 0.043212
 Predicted MQL: 0.144039

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1701	.170	8.51	.14412	.007	1
S0	.00000	-.00024	-.000	.000	-.03917	.001	1
S3	12.500	12.983	.483	3.86	1.0572	.014	1
S4	25.000	25.418	.418	1.67	2.1074	.019	1
S5	50.000	48.929	-1.07	-2.14	4.0930	.000	1



Mo 202.030 {467}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

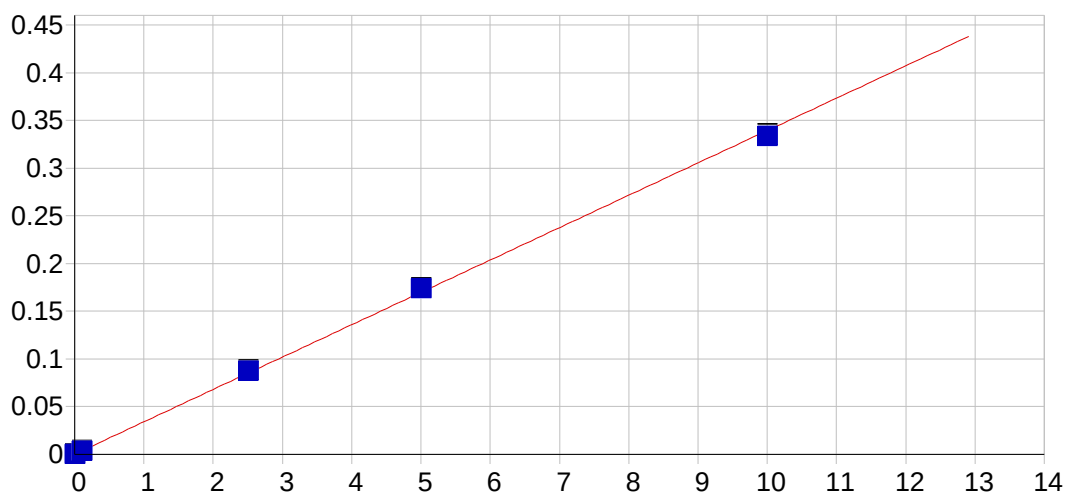
Weighting: 1/Conc

A0 (Offset): 0.000313
 A1 (Gain): 0.798588
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798
 Std Error of Est: 0.001232
 Predicted MDL: 0.000349
 Predicted MQL: 0.001165

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	.00030	.000	1
S1	.20000	.20935	.009	4.67	.16749	.001	1
S3	2.5000	2.5756	.076	3.03	2.0572	.018	1
S4	5.0000	5.0863	.086	1.73	4.0621	.000	1
S5	10.000	9.8288	-.171	-1.71	7.8495	.012	1

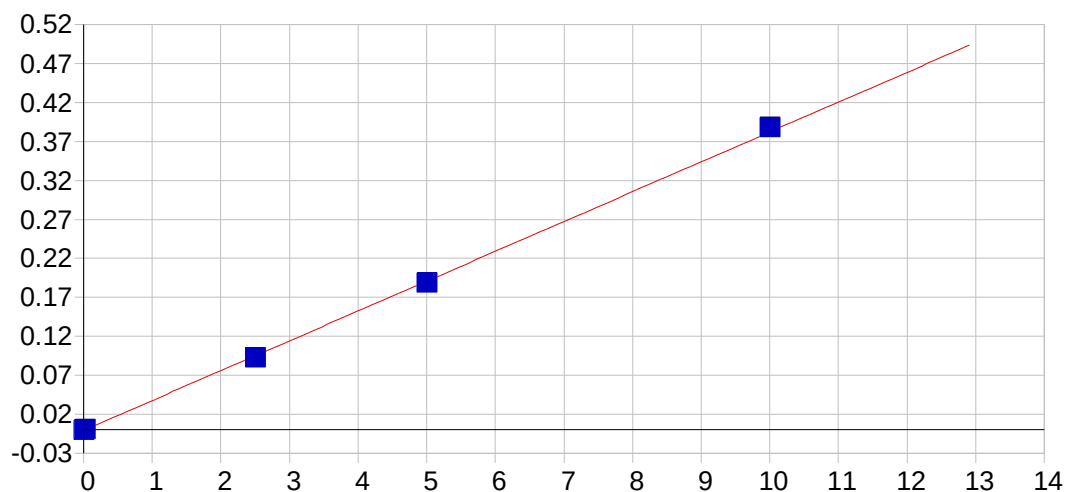


B 249.678 {135}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000225 Re-Slope: 1.000000
 A1 (Gain): 0.033937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.011153
 Predicted MQL: 0.037178

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.10000	.10112	.001	1.12	.00364	.001	1
S3	2.5000	2.5617	.062	2.47	.08696	.001	1
S4	5.0000	5.1154	.115	2.31	.17343	.001	1
S5	10.000	9.8218	-.178	-1.78	.33276	.002	1



S 182.034 {485}

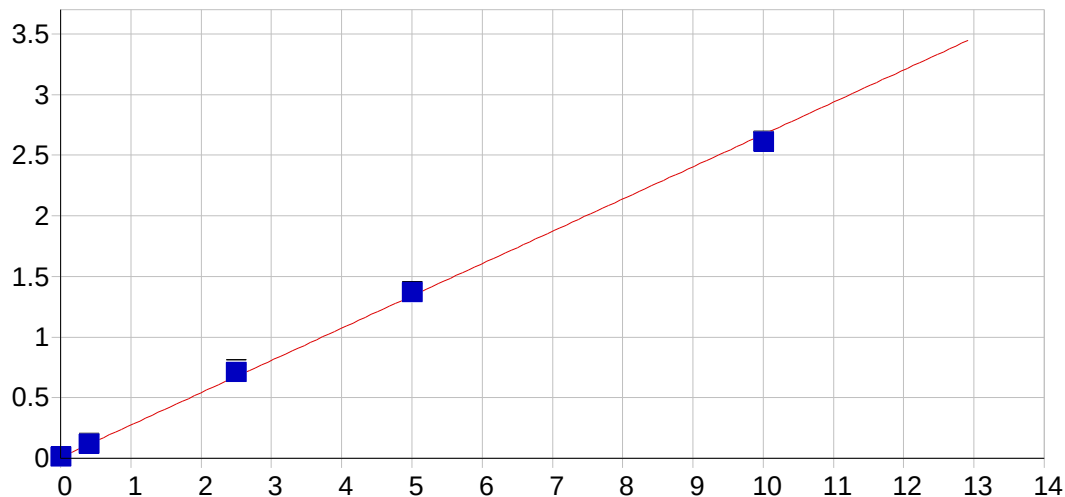
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000516 Re-Slope: 1.000000
 A1 (Gain): 0.038262 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.000019
 Predicted MDL: 0.003671
 Predicted MQL: 0.012238

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00052	.000	1
S1	.02000	.01347	-.007	-32.6	-.00002	.000	1
S3	2.5000	2.4282	-.072	-2.87	.09228	.000	1
S4	5.0000	4.9340	-.066	-1.32	.18805	.000	1
S5	10.000	10.144	.144	1.44	.38719	.000	1



Si 288.158 {117}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

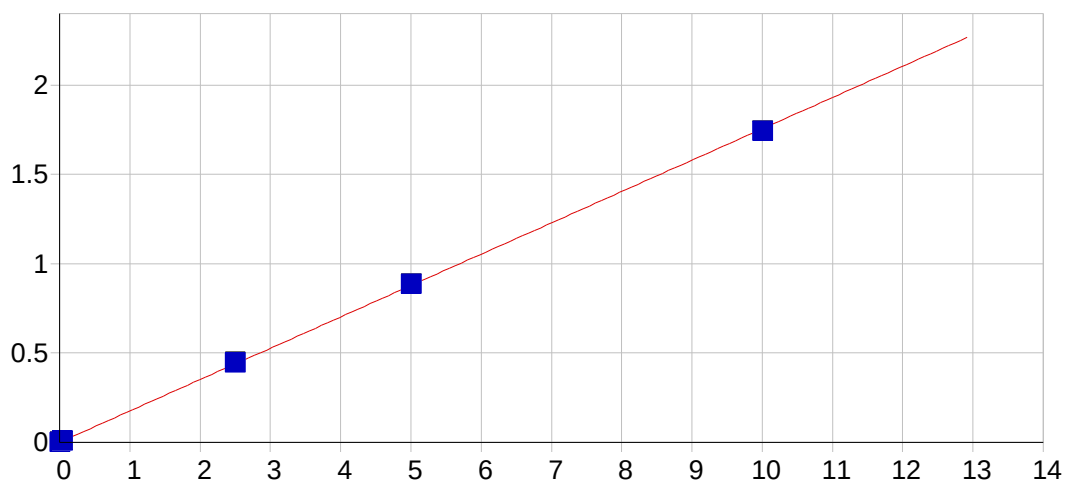
Weighting: 1/Conc

A0 (Offset): 0.008538
 A1 (Gain): 0.266195
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999620
 Std Error of Est: 0.000801
 Predicted MDL: 0.004110
 Predicted MQL: 0.013699

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	-.00003	-.000	.000	.00853	.001	1
S1	.40000	.40790	.008	1.98	.11703	.002	1
S3	2.5000	2.6267	.127	5.07	.70741	.019	1
S4	5.0000	5.0942	.094	1.88	1.3639	.009	1
S5	10.000	9.7711	-.229	-2.29	2.6081	.002	1

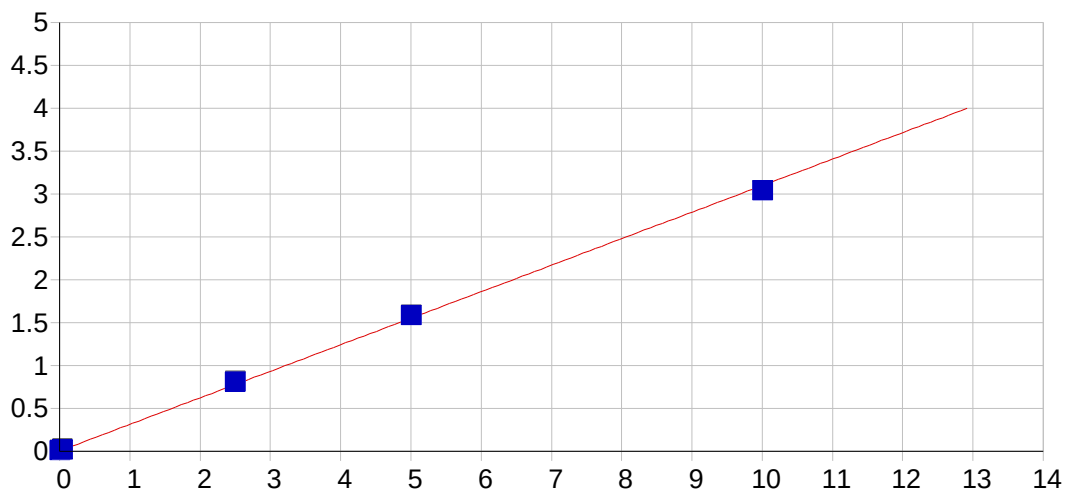


Sn 189.989 {477}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000582 Re-Slope: 1.000000
 A1 (Gain): 0.175434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000813
 Predicted MQL: 0.002711

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.04000	.04285	.003	7.13	.00810	.000	1
S3	2.5000	2.5350	.035	1.40	.44538	.002	1
S4	5.0000	5.0370	.037	.739	.88439	.000	1
S5	10.000	9.9252	-.075	-.748	1.7421	.000	1



Ti 336.121 {100}

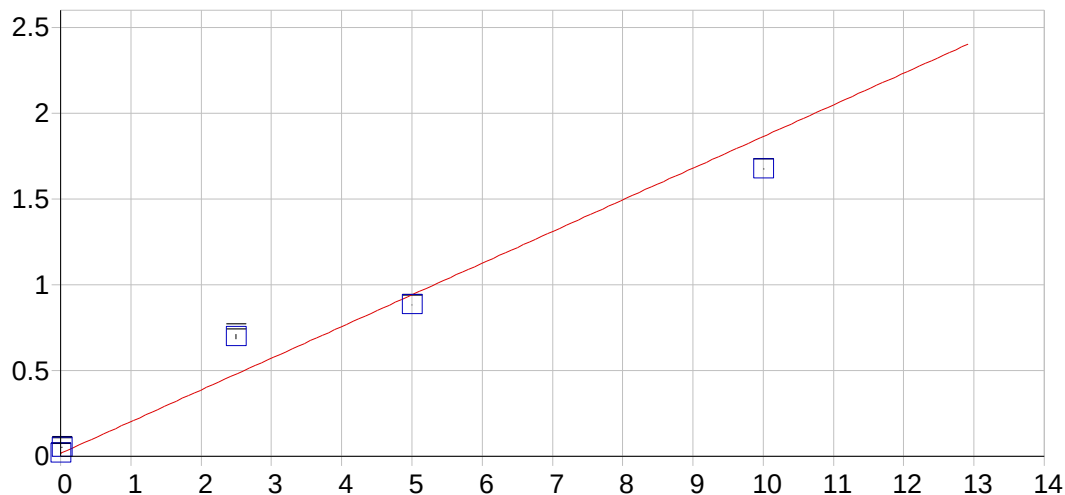
Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005229 Re-Slope: 1.000000
 A1 (Gain): 0.309271 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705
 Std Error of Est: 0.000257
 Predicted MDL: 0.002437
 Predicted MQL: 0.008123

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00523	.000	1
S1	.04000	.04337	.003	8.43	.01864	.000	1
S3	2.5000	2.5951	.095	3.81	.80773	.008	1
S4	5.0000	5.1063	.106	2.13	1.5843	.000	1
S5	10.000	9.7952	-.205	-2.05	3.0342	.005	1



Li 670.784 { 50}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

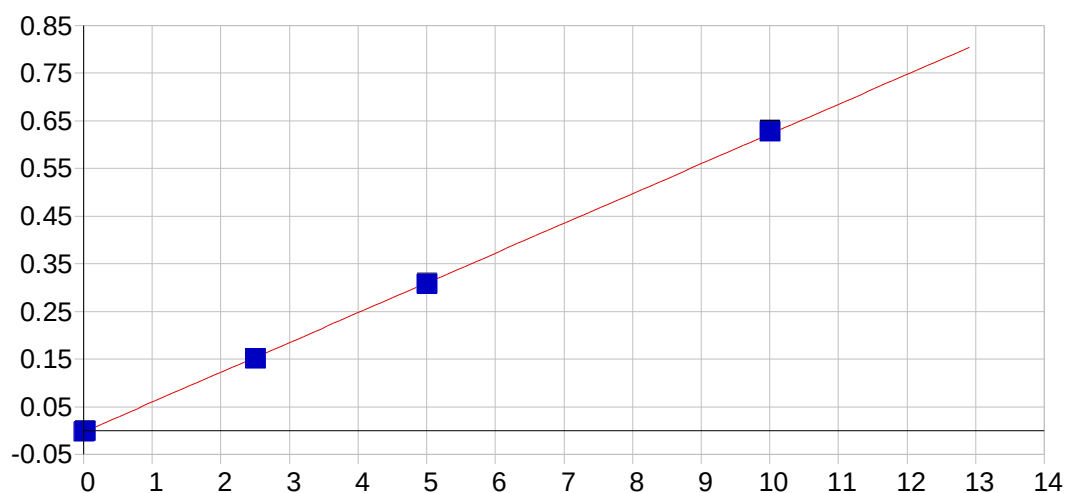
Weighting: 1/Conc

A0 (Offset): 0.017602
 A1 (Gain): 0.184631
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.946724
 Std Error of Est: 0.001517
 Predicted MDL: 0.018860
 Predicted MQL: 0.062865

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	.01757	.002	1
S1	.02000	.18381	.164	819.	.05154	.003	1
S3	2.5000	3.6814	1.18	47.3	.69730	.014	1
S4	5.0000	4.6831	-.317	-6.34	.88225	.002	1
S5	10.000	8.9717	-1.03	-10.3	1.6741	.001	1

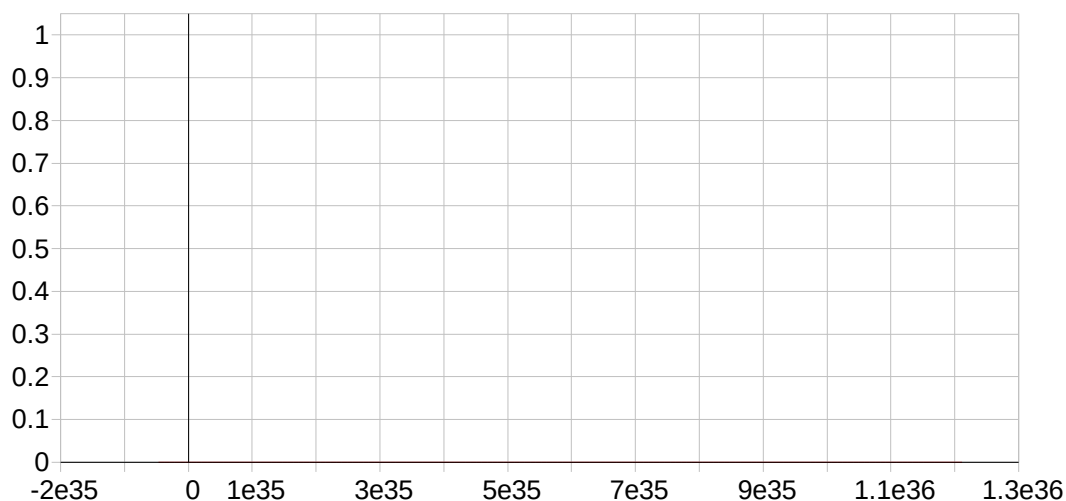


P 177.495 {490}

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002744 Re-Slope: 1.000000
 A1 (Gain): 0.062505 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002131
 Predicted MQL: 0.007104

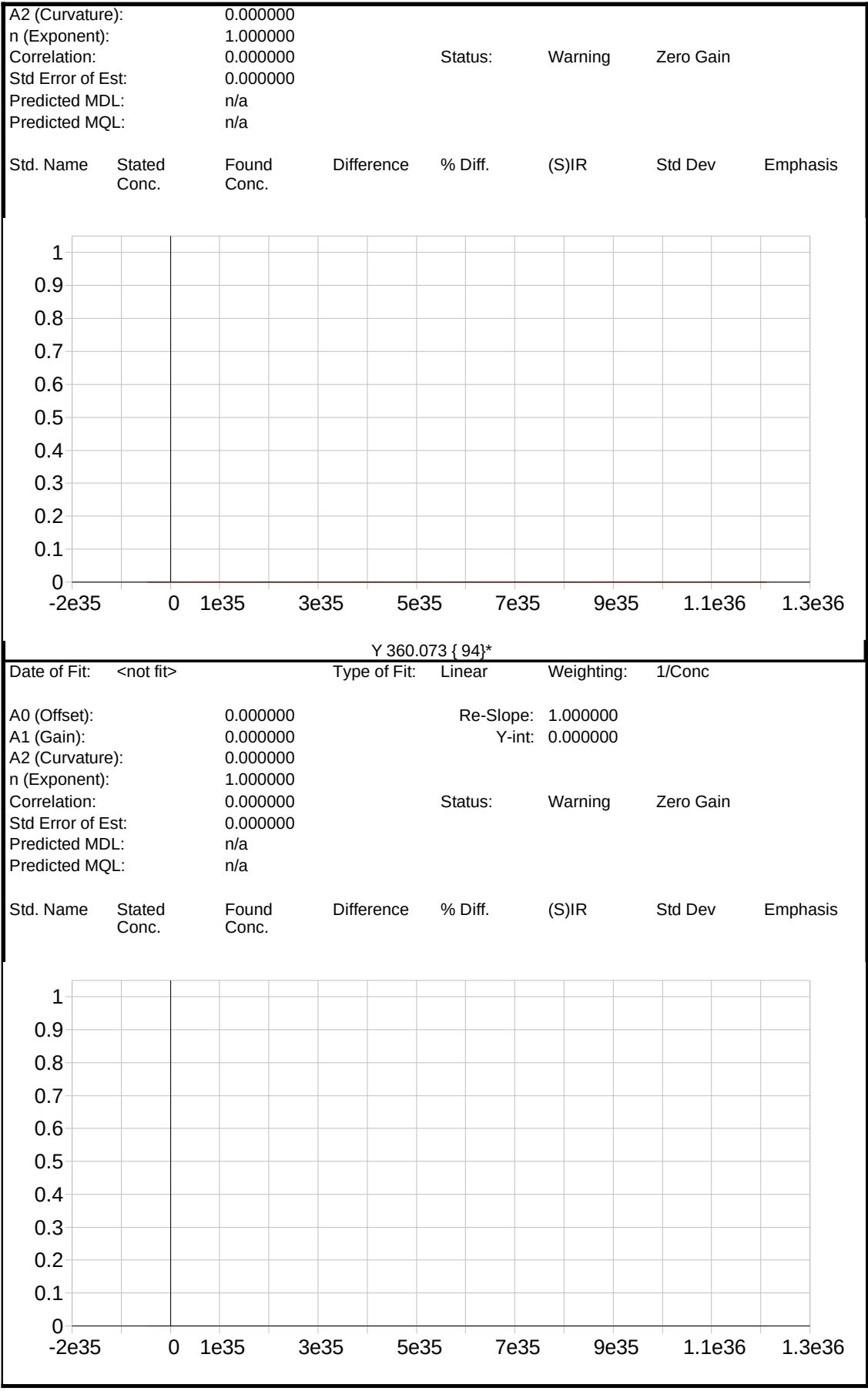
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00274	.000	1
S1	.02000	.02088	.001	4.42	-.00144	.000	1
S3	2.5000	2.4538	-.046	-1.85	.15040	.000	1
S4	5.0000	4.9703	-.030	-.594	.30747	.001	1
S5	10.000	10.075	.075	.750	.62609	.003	1

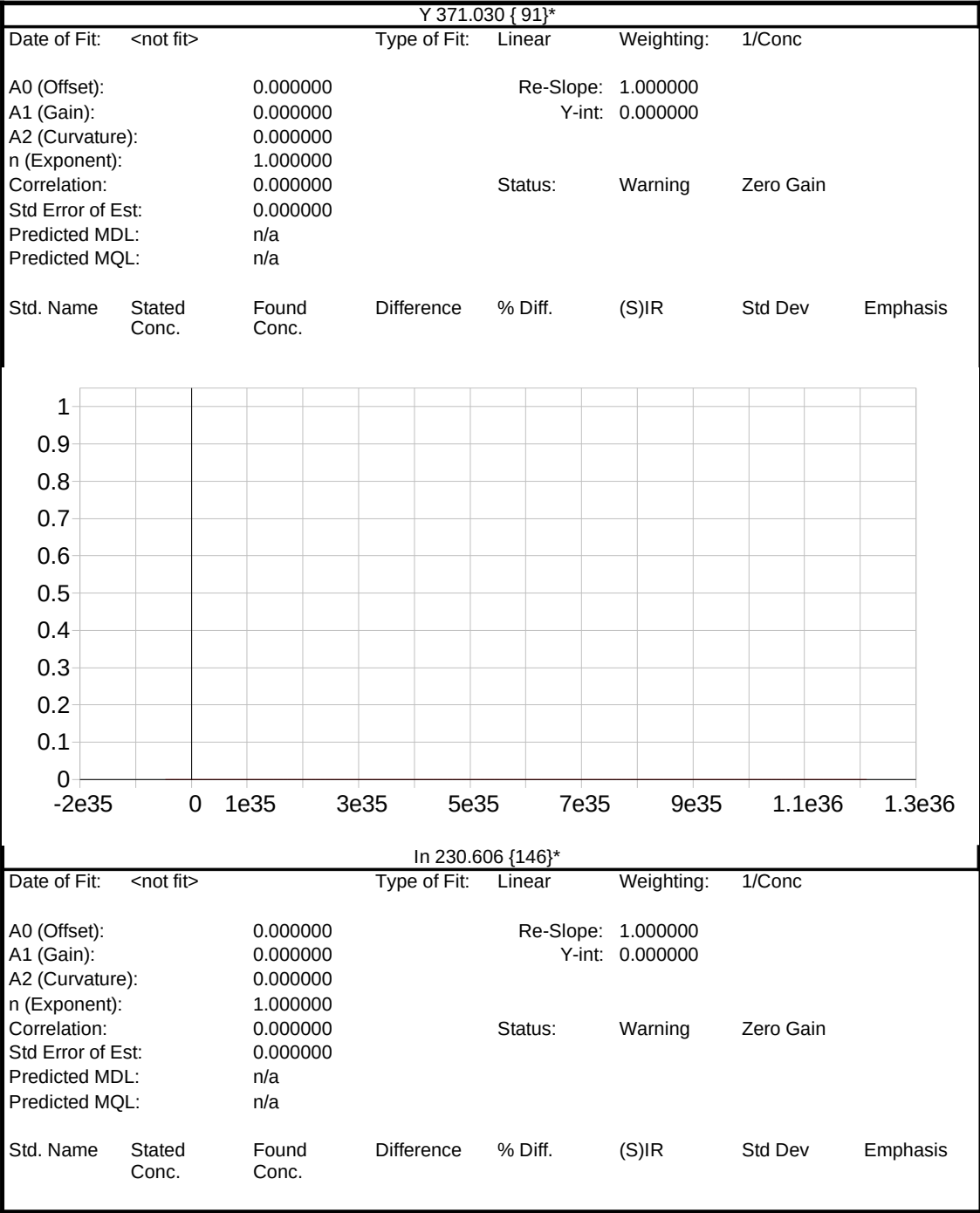


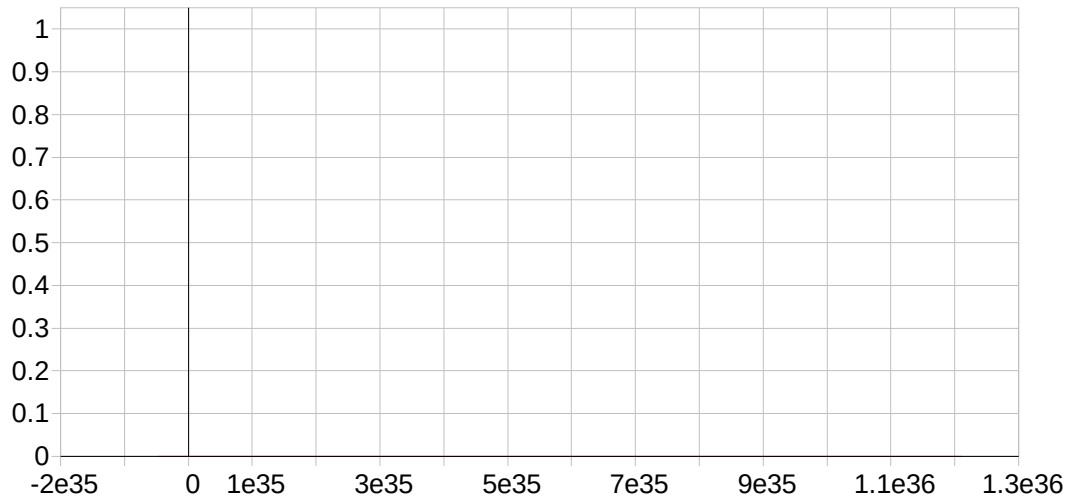
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

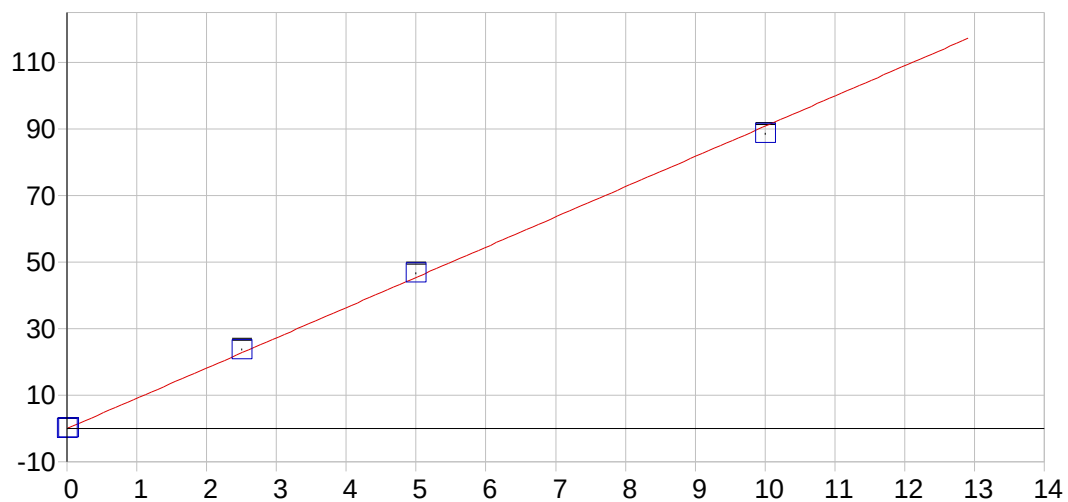
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006895

Re-Slope: 1.000000

A1 (Gain): 9.082589

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999573

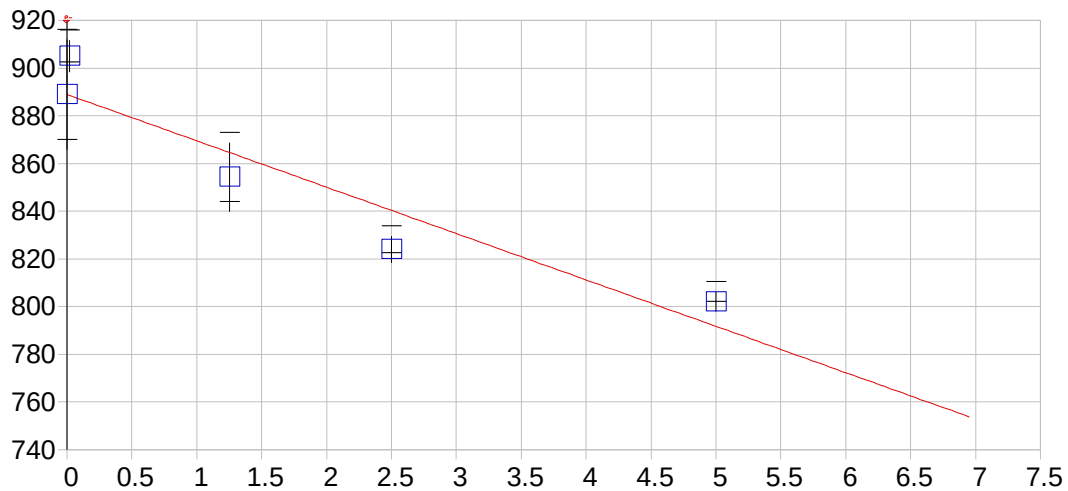
Status: OK.

Std Error of Est: 0.006412

Predicted MDL: 0.000149

Predicted MQL: 0.000496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00691	.001	1
S1	.02000	.02024	.000	1.19	.17692	.001	1
S3	2.5000	2.6131	.113	4.52	23.727	.239	1
S4	5.0000	5.1354	.135	2.71	46.635	.337	1
S5	10.000	9.7513	-.249	-2.49	88.560	.325	1

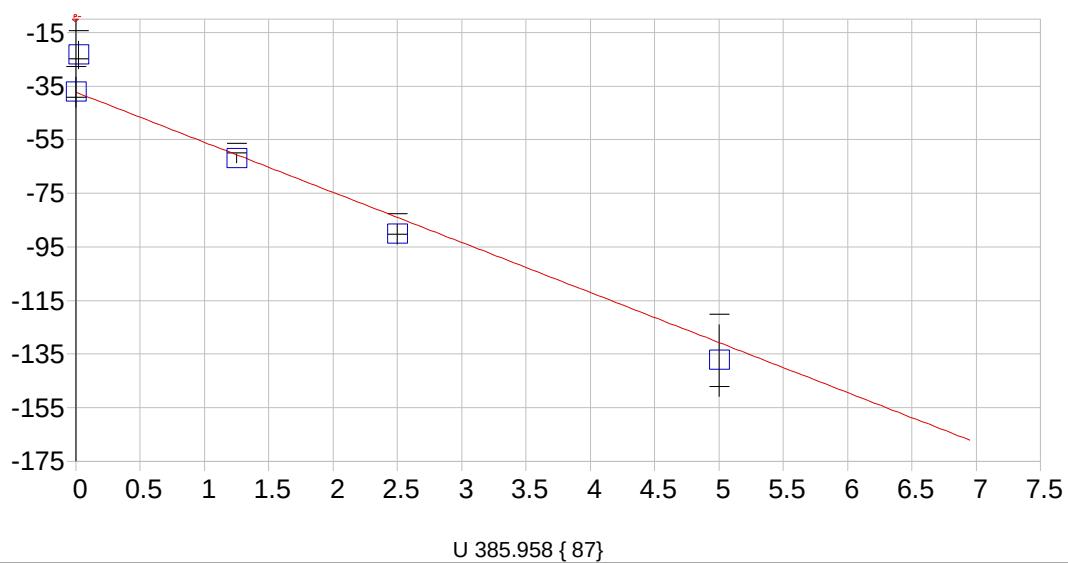


U 367.007 { 92 }

Date of Fit: 9/28/2018 15:44:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 888.945024 Re-Slope: 1.000000
A1 (Gain): -19.437420 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.440517 Status: Warning Negative Gain
Std Error of Est: 0.676918
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00083	.001	.000	888.93	23.1	1
S1	.02000	-.82638	-.846	-4230.	905.01	6.60	1
S3	1.2500	1.7831	.533	42.6	854.29	14.5	1
S4	2.5000	3.3450	.845	33.8	823.93	5.57	1
S5	5.0000	4.4683	-.532	-10.6	802.09	4.11	1



Date of Fit: 9/28/2018 15:44:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -37.277679

Re-Slope: 1.000000

A1 (Gain): -18.674378

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.477660

Status: Warning Negative Gain

Std Error of Est: 0.586947

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	-37.292	5.69	1
S1	.02000	-.74893	-.769	-3840.	-23.292	5.22	1
S3	1.2500	1.3243	.074	5.94	-62.008	1.77	1
S4	2.5000	2.8358	.336	13.4	-90.234	3.86	1
S5	5.0000	5.3589	.359	7.18	-137.35	13.4	1

Sample Name: S0 Acquired: 9/28/2018 11:06:16 Type: Cal
Method: P4-ICP2(v2464) 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	.00001	-.00017	.00321	-.00014	.00053	-.00007	.12427	-.00005
Stddev	.00001	.00010	.00001	.00026	.00013	.00001	.00237	.00005
%RSD	84.150	59.676	.27394	188.73	24.336	14.964	1.9090	90.233

#1	.00000	-.00010	.00320	.00005	.00044	-.00007	.12259	-.00002
#2	.00001	-.00024	.00322	-.00032	.00062	-.00006	.12595	-.00009

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	-.00113	.00066	.00006	-.00044	.00153	-.00681	.00028	-.00068
Stddev	.00018	.00007	.00002	.00010	.00030	.00813	.00005	.00056
%RSD	16.189	10.311	34.631	23.552	19.298	119.35	18.393	82.273

#1	-.00101	.00062	.00004	-.00037	.00132	-.00106	.00031	-.00028
#2	-.00126	.00071	.00007	-.00051	.00174	-.01256	.00024	-.00107

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	-.00548	.00066	.00112	-.00008	.10237	-.03917	.00030	.00022
Stddev	.00028	.00000	.00241	.00003	.00700	.00070	.00001	.00013
%RSD	5.0891	.04670	215.23	41.534	6.8363	1.7852	4.0210	56.889

#1	-.00528	.00066	-.00058	-.00010	.09743	-.03868	.00031	.00032
#2	-.00568	.00066	.00282	-.00006	.10732	-.03967	.00029	.00013

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	-.00052	.00853	.00058	.00523	.01757	-.0027	-.00691	888.93
Stddev	.00004	.00067	.00021	.00031	.00176	.0000	.00061	23.11
%RSD	8.0460	7.9094	36.400	5.8907	10.029	1.453	8.7885	2.5998

#1	-.00054	.00805	.00073	.00544	.01632	-.0027	-.00648	905.27
#2	-.00049	.00901	.00043	.00501	.01882	-.0028	-.00734	872.59

Sample Name: S0 Acquired: 9/28/2018 11:06:16 Type: Cal
Method: P4-ICP2(v2464) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-37.292
Stddev	5.692
%RSD	15.264

#1	-41.317
#2	-33.267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3158.5	64660.	4393.6	109.46	4541.5
Stddev	22.9	1432.	70.8	1.38	34.9
%RSD	.72471	2.2152	1.6106	1.2602	.76925

#1	3174.7	65672.	4443.6	110.43	4566.2
#2	3142.3	63647.	4343.5	108.48	4516.8

Sample Name: S1 Acquired: 9/28/2018 11:10:17 Type: Cal
Method: P4-ICP2(v2464) 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	.00152	.00500	.00616	.00116	.01022	.00062	.63085	.00463
Stddev	.00001	.00008	.00001	.00002	.00010	.00003	.00528	.00004
%RSD	.42810	1.5604	.18039	1.7672	1.0054	4.2313	.83681	.87904

#1	.00152	.00494	.00615	.00114	.01029	.00060	.63458	.00460
#2	.00153	.00506	.00616	.00117	.01014	.00064	.62712	.00465

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	.01917	.00144	.03747	.01563	.11837	.02310	.01795	.00253
Stddev	.00015	.00000	.00011	.00013	.02278	.00002	.00007	.00006
%RSD	.76395	.31614	.28305	.83204	19.242	.06774	.37889	2.3359

#1	.01928	.00144	.03740	.01554	.10227	.02309	.01800	.00249
#2	.01907	.00144	.03755	.01572	.13448	.02312	.01790	.00258

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00610	4.4248	.16749	.00364	-.00002	.11703	.00810	.01864
Stddev	.00004	.0438	.00051	.00059	.00005	.00221	.00016	.00030
%RSD	.69924	.99087	.30155	16.149	218.22	1.8873	2.0109	1.6106

#1	.00607	4.3938	.16785	.00406	.00001	.11859	.00798	.01842
#2	.00613	4.4558	.16714	.00323	-.00006	.11547	.00821	.01885

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05154	-.0014	.17692	905.01	-23.292
Stddev	.00293	.0002	.00083	6.60	5.221
%RSD	5.6895	10.75	.47177	.72957	22.416

#1	.05361	-.0016	.17751	900.34	-19.600
#2	.04947	-.0013	.17633	909.68	-26.984

Sample Name: S1 Acquired: 9/28/2018 11:10:17 Type: Cal
Method: P4-ICP2(v2464) 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	3167.8	64309.	4526.1	114.52	4589.0
Stddev	2.0	172.	57.8	1.22	4.5
%RSD	.06336	.26678	1.2777	1.0642	.09825
#1	3166.4	64188.	4485.2	115.38	4592.2
#2	3169.3	64431.	4567.0	113.65	4585.9

Sample Name: S2 Acquired: 9/28/2018 11:14:18 Type: Cal
Method: P4-ICP2(v2464) 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	.12745	.02447	.62433	.14412
Stddev	.00455	.00081	.02217	.00723
%RSD	3.5712	3.3070	3.5513	5.0168

#1	.13067	.02504	.64001	.14923
#2	.12423	.02390	.60865	.13900

Int. Std.	Y_3710
Units	Cts/S
Avg	4324.1
Stddev	142.1
%RSD	3.2869

#1	4223.6
#2	4424.6

Sample Name: S3 Acquired: 9/28/2018 11:18:13 Type: Cal
Method: P4-ICP2(v2464) 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	.15097	.28028	.68022	.16100	.46867	.03084	24.459	.09332
Stddev	.00078	.00133	.00547	.00129	.00485	.00033	.286	.00185
%RSD	.51762	.47306	.80440	.80097	1.0358	1.0735	1.1676	1.9862
#1	.15153	.28122	.68409	.16191	.47210	.03060	24.257	.09201
#2	.15042	.27934	.67635	.16009	.46523	.03107	24.661	.09463
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1585	.72981	.06487	1.4778	.42246	3.3970	1.2558	.14738
Stddev	.0226	.01282	.00122	.0062	.00304	.0074	.0257	.00274
%RSD	.54424	1.7568	1.8834	.41710	.71924	.21717	2.0498	1.8601
#1	4.1745	.72074	.06400	1.4822	.42461	3.3917	1.2376	.14544
#2	4.1425	.73887	.06573	1.4735	.42031	3.4022	1.2740	.14932
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	.68831	.11413	3.5737	.17160	129.96	1.0572	2.0572	.08696
Stddev	.00586	.00287	.0489	.00343	2.34	.0135	.0185	.00117
%RSD	.85120	2.5117	1.3691	1.9984	1.8042	1.2786	.89722	1.3484
#1	.69245	.11210	3.5391	.16917	128.30	1.0477	2.0702	.08613
#2	.68417	.11615	3.6083	.17402	131.62	1.0668	2.0441	.08779
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	.09228	.70741	.44538	.80773	.69730	.1504	23.727	854.29
Stddev	.00015	.01901	.00158	.00799	.01373	.0001	.239	14.51
%RSD	.15976	2.6870	.35378	.98906	1.9692	.0977	1.0072	1.6988
#1	.09239	.69397	.44649	.80208	.68759	.1505	23.558	864.55
#2	.09218	.72085	.44427	.81338	.70701	.1503	23.896	844.02

Sample Name: S3 Acquired: 9/28/2018 11:18:13 Type: Cal
Method: P4-ICP2(v2464) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-62.008
Stddev	1.772
%RSD	2.8568

#1	-63.261
#2	-60.756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.4	63046.	4396.0	107.57	4211.3
Stddev	28.0	835.	68.1	1.78	31.6
%RSD	.90837	1.3250	1.5499	1.6561	.75081

#1	3057.6	63637.	4444.2	108.83	4189.0
#2	3097.1	62455.	4347.8	106.31	4233.7

Sample Name: S4 Acquired: 9/28/2018 11:21:59 Type: Cal
Method: P4-ICP2(v2464) 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	.29945	.55233	1.3393	.31794	.92666	.06178	48.272	.18615
Stddev	.00073	.00205	.0005	.00046	.00135	.00001	.346	.00010
%RSD	.24447	.37039	.03434	.14356	.14616	.01180	.71762	.05139

#1	.29997	.55088	1.3390	.31826	.92761	.06178	48.027	.18608
#2	.29893	.55378	1.3396	.31761	.92570	.06179	48.517	.18622

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.2886	1.4180	.12942	2.9505	.82247	6.6184	2.4920	.28502
Stddev	.0018	.0141	.00007	.0011	.00294	.0399	.0002	.00078
%RSD	.02187	.99389	.05668	.03761	.35691	.60264	.00776	.27445

#1	8.2873	1.4080	.12947	2.9513	.82454	6.6466	2.4918	.28557
#2	8.2899	1.4279	.12936	2.9498	.82039	6.5902	2.4921	.28447

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	1.3714	.22742	6.9934	.34415	250.73	2.1074	4.0621	.17343
Stddev	.0002	.00009	.0600	.00089	.07	.0192	.0001	.00090
%RSD	.01414	.04096	.85820	.25826	.02725	.90961	.00208	.52038

#1	1.3715	.22736	6.9509	.34352	250.68	2.0938	4.0622	.17279
#2	1.3712	.22749	7.0358	.34478	250.78	2.1210	4.0621	.17407

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	.18805	1.3639	.88439	1.5843	.88225	.3075	46.635	823.93
Stddev	.00023	.0086	.00041	.0002	.00236	.0009	.337	5.57
%RSD	.11996	.62909	.04618	.01486	.26710	.3069	.72179	.67599

#1	.18789	1.3578	.88410	1.5844	.88392	.3068	46.397	827.87
#2	.18821	1.3700	.88468	1.5841	.88059	.3081	46.873	819.99

Sample Name: S4 Acquired: 9/28/2018 11:21:59 Type: Cal
Method: P4-ICP2(v2464) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-90.234
Stddev	3.859
%RSD	4.2770

#1	-87.505
#2	-92.963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.6	61260.	4347.8	105.29	4056.6
Stddev	6.5	43.	21.0	.17	5.2
%RSD	.21520	.06985	.48357	.15865	.12921

#1	3016.0	61290.	4362.7	105.17	4052.9
#2	3025.2	61230.	4333.0	105.41	4060.3

Sample Name: S5 Acquired: 9/28/2018 11:25:44 Type: Cal
Method: P4-ICP2(v2464) 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	.58730	1.0787	2.6197	.62058	1.8068	.12038	92.241	.35781
Stddev	.00109	.0007	.0005	.00091	.0015	.00043	.352	.00117
%RSD	.18578	.06239	.01924	.14595	.08409	.36060	.38121	.32829
#1	.58653	1.0782	2.6200	.61994	1.8057	.12008	92.490	.35698
#2	.58807	1.0792	2.6193	.62122	1.8079	.12069	91.992	.35864
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.297	2.6959	.24608	5.8150	1.5703	13.059	4.7259	.54728
Stddev	.003	.0030	.00065	.0018	.0019	.164	.0091	.00520
%RSD	.01768	.11106	.26224	.03115	.12392	1.2560	.19281	.95040
#1	16.295	2.6937	.24563	5.8163	1.5689	13.175	4.7195	.54360
#2	16.299	2.6980	.24654	5.8137	1.5716	12.943	4.7324	.55096
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6944	.43850	13.461	.66448	483.32	4.0930	7.8495	.33276
Stddev	.0013	.00078	.008	.00067	7.01	.0004	.0125	.00250
%RSD	.04790	.17865	.05926	.10053	1.4509	.00858	.15877	.75081
#1	2.6953	.43795	13.455	.66400	488.28	4.0932	7.8406	.33099
#2	2.6935	.43906	13.467	.66495	478.37	4.0927	7.8583	.33452
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	.38719	2.6081	1.7421	3.0342	1.6741	.6261	88.560	802.09
Stddev	.00015	.0021	.0004	.0054	.0006	.0030	.325	4.11
%RSD	.03904	.07939	.02600	.17716	.03810	.4831	.36676	.51261
#1	.38730	2.6096	1.7424	3.0304	1.6745	.6240	88.790	805.00
#2	.38708	2.6067	1.7418	3.0380	1.6736	.6282	88.331	799.19

Sample Name: S5 Acquired: 9/28/2018 11:25:44 Type: Cal
Method: P4-ICP2(v2464) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-137.35
Stddev	13.44
%RSD	9.7837

#1	-146.85
#2	-127.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2979.5	60932.	4384.3	103.59	3892.4
Stddev	1.2	48.	4.4	1.58	5.6
%RSD	.04147	.07879	.10134	1.5252	.14454

#1	2978.6	60966.	4381.1	102.47	3888.4
#2	2980.4	60898.	4387.4	104.70	3896.4

Sample Name: ICV01 Acquired: 9/28/2018 11:29:42 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0473	1.0618	1.0269	1.0726	1.0091	2.5469	.51348	.49223
Stddev	.0044	.0028	.0078	.0027	.0001	.0103	.00024	.00050
%RSD	.42323	.26453	.76078	.24686	.00900	.40509	.04625	.10167
#1	1.0442	1.0598	1.0214	1.0707	1.0091	2.5396	.51365	.49187
#2	1.0504	1.0638	1.0324	1.0745	1.0092	2.5542	.51331	.49258
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51598	10.291	.49773	.50273	.50443	5.0672	.52185	6.1808
Stddev	.00005	.014	.00027	.00161	.00146	.0435	.00045	.0197
%RSD	.00965	.13988	.05436	.31976	.28912	.85800	.08679	.31796
#1	.51601	10.281	.49754	.50159	.50340	5.0979	.52217	6.1669
#2	.51594	10.301	.49792	.50387	.50546	5.0365	.52153	6.1947
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51579	.51757	10.134	.50898	1.0379	10.262	2.5431	2.5653
Stddev	.00202	.00018	.023	.00034	.0123	.006	.0015	.0237
%RSD	.39181	.03387	.22610	.06748	1.1823	.05526	.06112	.92530
#1	.51436	.51770	10.118	.50922	1.0466	10.266	2.5442	2.5485
#2	.51722	.51745	10.150	.50873	1.0293	10.258	2.5420	2.5821
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00359	2.4100	2.5033	2.5725	F .04335	F .0015	F .01157	F 1.5444
Stddev	.00076	.0192	.0089	.0062	.01500	.0010	.00005	.2019
%RSD	21.078	.79541	.35341	.24100	34.608	66.64	.45034	13.071
#1	.00305	2.3964	2.4971	2.5681	.05396	.0022	.01161	1.6871
#2	.00412	2.4236	2.5096	2.5768	.03274	.0008	.01153	1.4017

Sample Name: ICV01 Acquired: 9/28/2018 11:29:42 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7076
Stddev .4396
%RSD 16.235

#1 2.3967
#2 3.0184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.3	64373.	4509.6	109.82	4408.7
Stddev	9.7	347.	20.0	1.54	5.6
%RSD	.30814	.53939	.44263	1.4028	.12696

#1	3153.4	64127.	4495.5	108.73	4404.7
#2	3167.1	64618.	4523.7	110.91	4412.6

Sample Name: LLICV01 Acquired: 9/28/2018 11:36:25 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02381	.04731	.01256	.02155	.05414	.11262	.10602
Stddev	.00181	.00029	.00026	.00107	.00114	.00552	.00017
%RSD	7.6148	.61875	2.0381	4.9708	2.0983	4.9046	.15785

#1	.02252	.04752	.01275	.02079	.05495	.10871	.10590
#2	.02509	.04710	.01238	.02231	.05334	.11652	.10614

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00607	2.1119	.01063	.03224	.02144	.09458
Stddev	.00001	.00008	.0134	.00009	.00011	.00001	.00068
%RSD	.19896	1.3937	.63599	.80005	.34026	.05567	.72108

#1	.00636	.00613	2.1214	.01069	.03232	.02143	.09506
#2	.00638	.00601	2.1024	.01057	.03217	.02145	.09410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02348	2.2647	.04290	.01127	2.1920	.04428	.04376
Stddev	.00006	.0235	.00009	.00008	.0103	.00043	.00041
%RSD	.27286	1.0362	.21260	.67416	.46817	.96512	.93767

#1	.02352	2.2813	.04296	.01122	2.1993	.04458	.04405
#2	.02343	2.2481	.04283	.01133	2.1848	.04397	.04347

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1153	.20696	.08908	F .01485	.40371	.04201	.04376
Stddev	.0025	.00036	.00284	.00052	.00074	.00011	.00003
%RSD	.11723	.17576	3.1851	3.4828	.18371	.25900	.05915

#1	2.1171	.20721	.08708	.01521	.40319	.04209	.04374
#2	2.1136	.20670	.09109	.01448	.40424	.04193	.04378

Sample Name: LLICV01 Acquired: 9/28/2018 11:36:25 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .25255	.0199	.02055	F<.00000	F<.00000
Stddev	.01035	.0005	.00007	.32720	.10880
%RSD	4.0993	2.693	.33992	110.90	16.015

#1	.25987	.0195	.02050	-.06366	-.60246
#2	.24523	.0203	.02060	-.52639	-.75633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.6	65218.	4532.9	115.13	4653.5
Stddev	11.6	212.	25.3	1.15	9.7
%RSD	.36209	.32467	.55831	.99755	.20910

#1	3202.3	65068.	4515.0	114.32	4646.6
#2	3218.8	65368.	4550.8	115.95	4660.3

Sample Name: ICB01 Acquired: 9/28/2018 11:40:26 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00002	-.00147	.00184	-.00061	.00467	-.00151
Stddev	.00198	.00019	.00071	.00100	.00078	.00708	.00027
%RSD	91.080	974.84	48.323	54.309	128.15	151.47	17.873

#1	.00077	-.00012	-.00097	.00255	-.00006	-.00033	-.00171
#2	.00358	.00016	-.00197	.00114	-.00116	.00968	-.00132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00001	-.02210	-.00012	-.00007	.00038	-.00000
Stddev	.00002	.00002	.00624	.00004	.00010	.00031	.00054
%RSD	167.95	146.17	28.231	34.920	147.11	82.706	16767.

#1	-.00000	.00002	-.02651	-.00009	.00000	.00060	.00038
#2	.00003	-.00000	-.01769	-.00014	-.00014	.00016	-.00039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00669	.00017	.00025	.02420	.00016	-.00032
Stddev	.00003	.01394	.00010	.00052	.00220	.00058	.00001
%RSD	4.5489	208.54	57.728	204.05	9.0778	366.80	1.9389

#1	.00066	-.00317	.00024	.00062	.02576	-.00025	-.00032
#2	.00070	.01654	.00010	-.00011	.02265	.00056	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00235	.00025	-.00842	-.00363	.00340	-.00002	.00013
Stddev	.04854	.00029	.00129	.00085	.00235	.00068	.00124
%RSD	2063.3	113.63	15.349	23.469	69.160	3185.2	923.58

#1	-.03668	.00005	-.00750	-.00303	.00174	.00046	-.00074
#2	.03197	.00046	-.00933	-.00424	.00507	-.00050	.00101

Sample Name: ICB01 Acquired: 9/28/2018 11:40:26 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .07563	.0026	-.00006	F<.00000	F .19178
Stddev	.00161	.0001	.00001	.20169	.25853
%RSD	2.1263	2.870	12.597	36.132	134.81

#1	.07677	.0027	-.00005	-.70083	.00897
#2	.07450	.0026	-.00006	-.41559	.37459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.1	65593.	4455.1	111.59	4644.1
Stddev	3.5	101.	14.0	.00	8.4
%RSD	.11003	.15466	.31412	.00288	.18111

#1	3214.6	65665.	4465.0	111.59	4638.2
#2	3219.6	65521.	4445.2	111.59	4650.1

Sample Name: CRI01 Acquired: 9/28/2018 11:53:31 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02191	.04787	.01358	.02563	.05206	.11429	.10802
Stddev	.00198	.00053	.00129	.00166	.00052	.00687	.00030
%RSD	9.0209	1.1114	9.4741	6.4822	.99484	6.0082	.27437

#1	.02331	.04749	.01267	.02445	.05169	.10943	.10823
#2	.02052	.04824	.01448	.02680	.05242	.11915	.10782

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.00631	2.1941	.01046	.03182	.02301	.11542
Stddev	.00002	.00010	.0076	.00081	.00037	.00026	.01352
%RSD	.26743	1.5272	.34808	7.7013	1.1580	1.1254	11.710

#1	.00629	.00624	2.1995	.01103	.03156	.02320	.12498
#2	.00627	.00637	2.1887	.00989	.03209	.02283	.10586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02311	2.2669	.04250	.01110	2.2442	.04437	.04861
Stddev	.00028	.0494	.00026	.00032	.0154	.00014	.00044
%RSD	1.2093	2.1783	.61288	2.9208	.68392	.31854	.89768

#1	.02331	2.2320	.04231	.01087	2.2334	.04447	.04830
#2	.02292	2.3019	.04268	.01133	2.2551	.04427	.04892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1871	.21029	.10671	.01958	F .56032	.04143	.04295
Stddev	.0414	.00187	.01021	.00212	.00178	.00104	.00033
%RSD	1.8947	.88773	9.5708	10.853	.31816	2.5101	.76607

#1	2.1578	.20897	.11393	.01808	.56158	.04070	.04271
#2	2.2164	.21161	.09949	.02108	.55906	.04217	.04318

Sample Name: CRI01 Acquired: 9/28/2018 11:53:31 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .23818	.0214	.02139	F<.00000	F<.00000
Stddev	.00213	.0009	.00013	.52700	.48463
%RSD	.89622	4.283	.61098	69.008	77.572
#1	.23969	.0207	.02130	-1.1363	-.28206
#2	.23667	.0220	.02148	-.39104	-.96743
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.8	65875.	4502.8	112.73	4608.6
Stddev	17.7	278.	8.3	.14	23.5
%RSD	.54890	.42261	.18331	.12165	.50905
#1	3239.4	65678.	4497.0	112.83	4625.2
#2	3214.3	66072.	4508.6	112.63	4592.0

Sample Name: ICSA01 Acquired: 9/28/2018 11:57:33 Type: Unk
Method: P4-ICP2(v2464) 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	.00315	.00266	-.00551	-.01708	.00429	263.32	.00257
Stddev	.00384	.00108	.00019	.00337	.00117	1.33	.00038
%RSD	121.96	40.582	3.4416	19.735	27.384	.50465	14.920

#1	.00043	.00343	-.00564	-.01469	.00512	264.26	.00284
#2	.00587	.00190	-.00538	-.01946	.00346	262.38	.00230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00075	240.04	.05449	-.00098	.00548	95.043
Stddev	.00005	.00007	2.13	.00074	.00014	.00013	.485
%RSD	15.806	9.2186	.88673	1.3631	14.460	2.3469	.51067

#1	.00034	-.00080	241.55	.05502	-.00108	.00539	95.386
#2	.00027	-.00070	238.54	.05397	-.00088	.00557	94.700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01555	254.28	-.00398	-.00065	.04267	.00067	.01869
Stddev	.00029	1.88	.00024	.00039	.00936	.00040	.00014
%RSD	1.8630	.74105	5.9076	60.448	21.932	60.482	.74528

#1	.01575	255.61	-.00415	-.00037	.04928	.00038	.01879
#2	.01534	252.95	-.00382	-.00093	.03605	.00095	.01859

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01101	-.00098	.01647	F -.02451	-.00207	.00737	-.00128
Stddev	.03146	.00049	.00715	.00478	.00194	.00041	.00015
%RSD	285.62	49.648	43.422	19.482	93.725	5.5341	11.721

#1	.01123	-.00064	.02153	-.02789	-.00070	.00766	-.00139
#2	-.03326	-.00133	.01142	-.02113	-.00344	.00708	-.00117

Sample Name: ICSA01 Acquired: 9/28/2018 11:57:33 Type: Unk
 Method: P4-ICP2(v2464) 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 .09567	.0120	F .09919	F 3.4900	F 32.399
Stddev	.02478	.0014	.00127	.6191	.865
%RSD	25.904	11.29	1.2780	17.740	2.6708

#1	.11320	.0111	.10008	3.9277	31.787
#2	.07815	.0130	.09829	3.0522	33.011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.6	58070.	4333.9	103.82	3732.6
Stddev	11.9	359.	50.1	1.06	12.8
%RSD	.41738	.61890	1.1564	1.0243	.34373

#1	2850.2	57816.	4298.5	103.06	3723.5
#2	2867.0	58324.	4369.4	104.57	3741.7

Sample Name: ICSAB01 Acquired: 9/28/2018 12:10:25 Type: Unk
Method: P4-ICP2(v2464) 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	.10437	.10198	.04088	.03593	.57986	251.89	.49230
Stddev	.00024	.00110	.00130	.00520	.00337	.00	.00260
%RSD	.22867	1.0835	3.1826	14.461	.58166	.00176	.52789

#1	.10454	.10276	.03996	.03961	.57748	251.89	.49413
#2	.10420	.10120	.04180	.03226	.58225	251.89	.49046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49990	.96840	230.25	.52555	.46180	.53938	91.785
Stddev	.00089	.00263	.40	.00332	.00086	.00016	.455
%RSD	.17850	.27165	.17402	.63088	.18596	.02937	.49517

#1	.49927	.97026	229.97	.52321	.46119	.53949	91.464
#2	.50053	.96654	230.54	.52790	.46240	.53927	92.107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49285	243.50	.92053	.20289	.04132	.47894	.94881
Stddev	.00132	.00	.00156	.00089	.01074	.00235	.00367
%RSD	.26843	.00092	.16950	.43807	25.993	.49106	.38682

#1	.49191	243.50	.91942	.20226	.03373	.47727	.94622
#2	.49378	243.50	.92163	.20352	.04892	.48060	.95141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02645	.00080	.01741	F -.02433	.00319	.00979	.00174
Stddev	.01254	.00047	.01353	.00051	.00048	.00011	.00090
%RSD	47.438	58.610	77.710	2.1012	15.112	1.0818	51.456

#1	-.03532	.00113	.00784	-.02396	.00354	.00986	.00237
#2	-.01757	.00047	.02698	-.02469	.00285	.00971	.00111

Sample Name: ICSAB01 Acquired: 9/28/2018 12:10:25 Type: Unk
 Method: P4-ICP2(v2464) 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 .11814	F .0142	.09515	F 5.0732	F 31.704
Stddev	.00601	.0006	.00061	.3941	.845
%RSD	5.0887	4.540	.64131	7.7682	2.6657

#1	.11389	.0147	.09558	5.3519	32.302
#2	.12240	.0138	.09472	4.7945	31.107

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.1	58254.	4278.4	101.76	3762.2
Stddev	3.0	95.	1.7	.51	1.4
%RSD	.10445	.16371	.03921	.50011	.03816

#1	2847.2	58322.	4279.6	102.12	3763.2
#2	2843.0	58187.	4277.2	101.40	3761.2

Sample Name: CCV01 Acquired: 9/28/2018 12:18:07 Type: Unk
Method: P4-ICP2(v2464) 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	4.8713	4.8578	4.8878	4.9192	4.9423	9.7752	10.006	.24471
Stddev	.0373	.0064	.0061	.0179	.0268	.0053	.018	.00019
%RSD	.76478	.13263	.12455	.36448	.54223	.05420	.18076	.07562
#1	4.8976	4.8624	4.8921	4.9318	4.9613	9.7790	10.019	.24458
#2	4.8450	4.8533	4.8835	4.9065	4.9234	9.7715	9.9936	.24484
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4331	24.959	.97743	2.4419	1.2428	4.8648	2.4641	24.804
Stddev	.0046	.063	.00495	.0048	.0096	.0672	.0046	.006
%RSD	.18937	.25239	.50672	.19797	.77491	1.3815	.18845	.02402
#1	2.4364	25.004	.97392	2.4453	1.2496	4.9123	2.4608	24.800
#2	2.4298	24.915	.98093	2.4384	1.2360	4.8173	2.4674	24.808
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4550	1.2389	24.798	2.4555	2.4728	24.958	4.9431	5.0222
Stddev	.0063	.0008	.033	.0027	.0269	.032	.0215	.0142
%RSD	.25731	.06873	.13198	.10935	1.0890	.12739	.43458	.28332
#1	2.4595	1.2395	24.821	2.4536	2.4918	24.980	4.9583	5.0323
#2	2.4505	1.2383	24.775	2.4574	2.4538	24.935	4.9279	5.0121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8161	4.9092	4.8615	4.9957	F 4.6112	4.897	5.0046	F 2.6859
Stddev	.0033	.0092	.0042	.0284	.0214	.013	.0015	.1938
%RSD	.06769	.18642	.08543	.56819	.46500	.2712	.02993	7.2143
#1	4.8184	4.9157	4.8644	5.0158	4.6264	4.907	5.0056	2.8229
#2	4.8138	4.9027	4.8586	4.9756	4.5960	4.888	5.0035	2.5489

Sample Name: CCV01 Acquired: 9/28/2018 12:18:07 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6733
Stddev .3821
%RSD 14.293

#1 2.4031
#2 2.9434

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.5	63829.	4462.6	108.28	4156.7
Stddev	12.3	159.	3.0	1.04	3.2
%RSD	.39657	.24876	.06659	.95939	.07648

#1	3081.8	63942.	4464.7	107.54	4154.5
#2	3099.2	63717.	4460.5	109.01	4159.0

Sample Name: CCB01 Acquired: 9/28/2018 12:21:53 Type: Unk
Method: P4-ICP2(v2464) 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	.00203	.00158	-.00033	-.00031	-.00169	-.00189	-.00247
Stddev	.00127	.00064	.00117	.00184	.00111	.01901	.00006
%RSD	62.798	40.745	353.36	598.43	65.351	1006.6	2.5932

#1	.00113	.00203	-.00115	-.00161	-.00091	-.01533	-.00251
#2	.00293	.00112	.00049	.00100	-.00247	.01155	-.00242

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00008	-.00918	.00039	-.00008	.00056	.00516
Stddev	.00000	.00007	.02508	.00029	.00027	.00018	.00712
%RSD	9.0286	87.619	273.29	74.173	331.09	31.455	137.86

#1	.00004	.00014	.00856	.00019	.00011	.00043	.00013
#2	.00003	.00003	-.02691	.00060	-.00027	.00068	.01019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00307	.00034	.00027	.02469	-.00019	-.00036
Stddev	.00004	.03650	.00008	.00013	.01102	.00009	.00012
%RSD	7.1690	1187.4	23.317	48.574	44.640	46.209	34.447

#1	.00052	.02273	.00028	.00036	.03248	-.00025	-.00027
#2	.00047	-.02888	.00040	.00017	.01690	-.00012	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03084	.00028	-.00532	-.00454	.00259	-.00043	.00058
Stddev	.01917	.00025	.00090	.00094	.00121	.00059	.00121
%RSD	62.156	89.626	16.994	20.656	46.707	136.36	208.94

#1	-.04439	.00046	-.00468	-.00520	.00344	-.00085	.00143
#2	-.01728	.00010	-.00596	-.00388	.00173	-.00002	-.00028

Sample Name: CCB01 Acquired: 9/28/2018 12:21:53 Type: Unk
 Method: P4-ICP2(v2464) 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 .05254	.0010	.00005	F<.00000	F<.00000
Stddev	.00858	.0000	.00001	2.1561	.56214
%RSD	16.328	1.378	27.135	148.80	111.43

#1	.04647	.0010	.00004	-2.9735	-.90199
#2	.05860	.0010	.00006	.07563	-.10700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.3	68056.	4559.9	113.98	4654.1
Stddev	12.8	2222.	6.7	.53	14.0
%RSD	.39629	3.2643	.14718	.46529	.30024

#1	3222.2	69627.	4555.1	113.60	4644.2
#2	3240.3	66485.	4564.6	114.35	4664.0

Sample Name: PB113291BL Acquired: 9/28/2018 12:25:59 Type: Unk
Method: P4-ICP2(v2464) 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	.00226	.00132	-.00044	.00355	-.00017	-.00696	-.00212
Stddev	.00043	.00134	.00050	.00114	.00049	.01406	.00134
%RSD	19.066	101.68	114.62	32.249	290.38	202.02	63.191

#1	.00196	.00037	-.00008	.00436	.00018	-.01690	-.00117
#2	.00257	.00227	-.00080	.00274	-.00052	.00298	-.00306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00001	-.01742	-.00017	.00006	-.00009	.00319
Stddev	.00005	.00005	.00574	.00011	.00004	.00028	.00545
%RSD	181.39	730.44	32.965	65.974	58.181	300.11	171.01

#1	-.00006	.00004	-.01336	-.00009	.00009	-.00030	.00704
#2	.00001	-.00003	-.02148	-.00024	.00004	.00011	-.00067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.04056	-.00021	.00010	.03767	.00021	-.00042
Stddev	.00000	.05277	.00016	.00021	.00448	.00015	.00008
%RSD	1.7027	130.10	77.922	210.93	11.901	70.715	18.700

#1	.00021	.00325	-.00009	-.00005	.03450	.00011	-.00036
#2	.00022	.07788	-.00032	.00024	.04084	.00032	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01096	.00033	-.00921	-.00284	.00623	.00012	-.00123
Stddev	.01706	.00042	.01072	.00477	.00488	.00011	.00114
%RSD	155.71	129.21	116.37	168.20	78.330	84.883	92.385

#1	.02302	.00003	-.00163	.00054	.00968	.00020	-.00043
#2	-.00111	.00063	-.01679	-.00621	.00278	.00005	-.00204

Sample Name: PB113291BL Acquired: 9/28/2018 12:25:59 Type: Unk
 Method: P4-ICP2(v2464) 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 .05991	.0018	.00001	F<.00000	F<.00000
Stddev	.00345	.0018	.00025	.16453	.05408
%RSD	5.7573	97.89	3647.3	21.765	13.994

#1	.05747	.0006	.00018	-.87230	-.34819
#2	.06235	.0031	-.00017	-.63962	-.42467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3214.6	67280.	4477.2	113.10	4627.1
Stddev	37.2	15.	58.3	2.61	64.4
%RSD	1.1560	.02186	1.3023	2.3085	1.3928

#1	3188.3	67291.	4435.9	111.25	4581.5
#2	3240.9	67270.	4518.4	114.95	4672.7

Sample Name: PB113291BS Acquired: 9/28/2018 12:30:04 Type: Unk
Method: P4-ICP2(v2464) 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	.78221	2.0094	1.0015	1.9488	.78000	1.8919	.19851
Stddev	.01733	.0351	.0195	.0403	.01467	.0444	.00870
%RSD	2.2154	1.7474	1.9486	2.0657	1.8808	2.3443	4.3808

#1	.76996	1.9846	.98771	1.9203	.76963	1.8605	.19236
#2	.79447	2.0343	1.0153	1.9773	.79038	1.9232	.20466

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18247	.19526	1.0241	.39225	.19534	.30661	2.8591
Stddev	.00010	.00346	.0475	.00056	.00321	.00477	.1220
%RSD	.05209	1.7715	4.6350	.14184	1.6414	1.5563	4.2669

#1	.18241	.19282	.99054	.39186	.19307	.30324	2.7729
#2	.18254	.19771	1.0577	.39265	.19761	.30998	2.9454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20186	1.9526	.48740	.06869	3.0198	.29658	.19655
Stddev	.00044	.1015	.00690	.00051	.1273	.00210	.00592
%RSD	.21656	5.1970	1.4161	.74131	4.2151	.70762	3.0117

#1	.20155	1.8808	.48252	.06905	2.9298	.29806	.19236
#2	.20217	2.0243	.49228	.06833	3.1098	.29509	.20073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9807	.41201	.27966	F -.00724	.87171	.67061	.19907
Stddev	.3488	.00639	.00746	.00033	.03218	.01286	.00636
%RSD	3.4950	1.5515	2.6663	4.4885	3.6919	1.9169	3.1949

#1	9.7340	.40749	.27438	-.00701	.84895	.66152	.19457
#2	10.227	.41653	.28493	-.00747	.89447	.67970	.20356

Sample Name: PB113291BS Acquired: 9/28/2018 12:30:04 Type: Unk
Method: P4-ICP2(v2464) 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 1.8520	5.167	.19240	F .47579	F .32224
Stddev	.0728	.075	.00703	.71220	.39049
%RSD	3.9325	1.449	3.6559	149.69	121.18

#1	1.8005	5.114	.18743	-.02781	.59835
#2	1.9035	5.220	.19738	.97939	.04612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.9	65909.	4516.0	112.58	4425.9
Stddev	26.4	139.	109.1	2.53	42.5
%RSD	.84536	.21153	2.4158	2.2462	.96138

#1	3142.6	65810.	4593.2	114.37	4455.9
#2	3105.2	66007.	4438.9	110.79	4395.8

Sample Name: J5066-04 Acquired: 9/28/2018 12:33:55 Type: Unk
Method: P4-ICP2(v2464) 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	.01340	-.01360	.21258	-.01473	.00260	84.604	.37435
Stddev	.00192	.00007	.00075	.00151	.00230	1.718	.00222
%RSD	14.337	.47965	.35236	10.258	88.413	2.0309	.59275

#1	.01476	-.01356	.21205	-.01366	.00423	85.819	.37592
#2	.01204	-.01365	.21311	-.01580	.00098	83.389	.37278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00455	-.00247	14.892	.12884	.07042	.29640	161.16
Stddev	.00025	.00060	.027	.00337	.00006	.00034	5.71
%RSD	5.5257	24.373	.18178	2.6193	.08480	.11365	3.5435

#1	.00473	-.00290	14.873	.13123	.07038	.29664	165.20
#2	.00437	-.00205	14.911	.12645	.07046	.29616	157.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1014	36.613	.31143	-.00038	.74556	.19664	.40704
Stddev	.1070	.151	.00063	.00025	.00206	.00470	.01553
%RSD	2.6078	.41160	.20098	65.237	.27636	2.3910	3.8163

#1	4.1770	36.720	.31187	-.00020	.74702	.19997	.41802
#2	4.0257	36.507	.31099	-.00055	.74411	.19332	.39605

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2716	-.00057	.05925	.86639	1.7329	.01190	2.3718
Stddev	.0377	.00010	.00077	.00263	.0067	.00045	.0048
%RSD	.51795	17.274	1.2916	.30398	.38827	3.7586	.20145

#1	7.2983	-.00050	.05871	.86825	1.7376	.01158	2.3684
#2	7.2450	-.00065	.05980	.86452	1.7281	.01221	2.3752

Sample Name: J5066-04 Acquired: 9/28/2018 12:33:55 Type: Unk
 Method: P4-ICP2(v2464) 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	.89075	3.903	.07193	F<.00000	39.428
Stddev	.00444	.006	.00021	.77616	.688
%RSD	.49864	.1530	.29381	5.3719	1.7439

#1	.88761	3.899	.07178	-13.900	39.914
#2	.89389	3.908	.07208	-14.997	38.942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.4	71040.	5132.2	109.58	4202.5
Stddev	.0	1731.	30.4	4.10	11.0
%RSD	.00086	2.4368	.59309	3.7410	.26082

#1	3483.4	69816.	5110.7	106.68	4210.2
#2	3483.3	72264.	5153.7	112.48	4194.7

Sample Name: J5066-04DUP Acquired: 9/28/2018 12:37:48 Type: Unk
Method: P4-ICP2(v2464) 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	.01484	-.01405	.24677	-.01557	.00367	81.742	.37536
Stddev	.00165	.00261	.00283	.00107	.00013	.179	.00372
%RSD	11.094	18.601	1.1475	6.8693	3.4039	.21891	.99155

#1	.01601	-.01220	.24877	-.01633	.00358	81.868	.37799
#2	.01368	-.01590	.24476	-.01482	.00376	81.615	.37272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00457	-.00232	14.914	.12958	.07094	.29394	157.62
Stddev	.00007	.00026	.065	.00011	.00004	.00051	2.39
%RSD	1.6068	11.383	.43640	.08309	.05371	.17246	1.5165

#1	.00462	-.00214	14.960	.12966	.07096	.29430	155.93
#2	.00452	-.00251	14.868	.12951	.07091	.29358	159.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0314	36.754	.31444	-.00037	.73508	.19290	.39254
Stddev	.0014	.210	.00153	.00066	.01045	.00103	.00882
%RSD	.03457	.57257	.48689	176.51	1.4221	.53648	2.2463

#1	4.0324	36.903	.31552	.00009	.74247	.19364	.38630
#2	4.0304	36.605	.31335	-.00084	.72768	.19217	.39878

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1223	-.00052	.04384	.86198	1.6985	.01210	2.3484
Stddev	.0276	.00002	.00278	.00615	.0008	.00038	.0031
%RSD	.38766	4.5427	6.3325	.71319	.04867	3.1416	.13011

#1	7.1419	-.00053	.04581	.86633	1.6991	.01184	2.3462
#2	7.1028	-.00050	.04188	.85764	1.6979	.01237	2.3505

Sample Name: J5066-04DUP Acquired: 9/28/2018 12:37:48 Type: Unk
Method: P4-ICP2(v2464) 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	.85377	3.824	.07117	F<.00000	39.359
Stddev	.00085	.029	.00002	.26078	.975
%RSD	.09910	.7659	.03151	1.6571	2.4762

#1	.85317	3.845	.07118	-15.922	38.670
#2	.85437	3.804	.07115	-15.553	40.048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.8	72265.	5117.8	111.39	4200.6
Stddev	5.4	14.	2.4	2.33	13.5
%RSD	.15556	.01875	.04650	2.0891	.32178

#1	3494.9	72275.	5119.5	113.03	4191.0
#2	3502.6	72256.	5116.2	109.74	4210.1

Sample Name: J5066-04LX5 Acquired: 9/28/2018 12:41:40 Type: Unk
Method: P4-ICP2(v2464) 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	.00450	-.00208	.04851	-.00246	.00179	17.554	.08051
Stddev	.00328	.00032	.00156	.00047	.00114	.025	.00066
%RSD	72.859	15.350	3.2176	19.128	63.595	.14357	.82007

#1	.00681	-.00185	.04961	-.00279	.00259	17.572	.08098
#2	.00218	-.00230	.04741	-.00213	.00098	17.537	.08004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	-.00074	3.3387	.02904	.01373	.06651	32.808
Stddev	.00002	.00004	.0182	.00024	.00017	.00007	.747
%RSD	2.5157	5.5422	.54466	.83169	1.2432	.10362	2.2764

#1	.00088	-.00077	3.3515	.02887	.01361	.06646	33.336
#2	.00091	-.00071	3.3258	.02921	.01385	.06656	32.280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90813	8.3800	.06141	-.00037	.21795	.04223	.08162
Stddev	.00166	.1082	.00055	.00013	.00357	.00068	.00173
%RSD	.18280	1.2916	.89948	34.890	1.6367	1.6195	2.1146

#1	.90696	8.4566	.06180	-.00046	.22048	.04175	.08284
#2	.90930	8.3035	.06102	-.00028	.21543	.04272	.08040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5840	-.00032	.00371	.16500	.38604	.00222	.51362
Stddev	.0215	.00013	.00385	.00161	.00198	.00034	.00191
%RSD	1.3600	40.760	103.81	.97865	.51238	15.496	.37111

#1	1.5993	-.00023	.00644	.16614	.38464	.00246	.51497
#2	1.5688	-.00042	.00099	.16386	.38744	.00198	.51227

Sample Name: J5066-04LX5 Acquired: 9/28/2018 12:41:40 Type: Unk
 Method: P4-ICP2(v2464) 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	.20464	.7469	.01566	F<.00000	16.303
Stddev	.00095	.0086	.00009	.17832	.818
%RSD	.46204	1.155	.58986	4.6161	5.0166

#1	.20530	.7530	.01573	-3.9890	16.882
#2	.20397	.7408	.01560	-3.7369	15.725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3323.0	68019.	4682.5	112.04	4513.8
Stddev	18.1	70.	15.9	2.44	36.9
%RSD	.54614	.10294	.33875	2.1754	.81789

#1	3310.2	67970.	4671.3	110.32	4487.7
#2	3335.9	68069.	4693.7	113.77	4539.9

Sample Name: J5066-05 Acquired: 9/28/2018 12:45:40 Type: Unk
Method: P4-ICP2(v2464) 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	.69649	1.9410	1.2099	1.6860	.67398	81.934	.54439
Stddev	.00359	.0020	.0008	.0018	.00061	.649	.00387
%RSD	.51580	.10368	.07037	.10872	.09018	.79153	.71097

#1	.69903	1.9396	1.2093	1.6873	.67441	81.476	.54712
#2	.69395	1.9424	1.2105	1.6847	.67355	82.393	.54165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17088	.18989	15.507	.46429	.25688	.54379	160.85
Stddev	.00073	.00044	.113	.00054	.00061	.00023	1.57
%RSD	.42456	.22940	.73134	.11667	.23642	.04295	.97312

#1	.17037	.18958	15.587	.46390	.25645	.54362	159.74
#2	.17139	.19019	15.427	.46467	.25731	.54396	161.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1408	38.145	.77651	.06300	3.2822	.44312	.58176
Stddev	.0084	.085	.00341	.00015	.0195	.00012	.00312
%RSD	.20199	.22221	.43920	.23908	.59421	.02615	.53688

#1	4.1348	38.205	.77410	.06310	3.2960	.44304	.57955
#2	4.1467	38.085	.77892	.06289	3.2684	.44320	.58397

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.580	.34209	.31711	.84605	2.4162	.66683	2.4860
Stddev	.093	.00030	.00308	.00335	.0416	.00223	.0011
%RSD	.59874	.08672	.96970	.39567	1.7216	.33433	.04318

#1	15.646	.34188	.31494	.84369	2.4456	.66525	2.4867
#2	15.514	.34230	.31929	.84842	2.3868	.66840	2.4852

Sample Name: J5066-05 Acquired: 9/28/2018 12:45:40 Type: Unk
 Method: P4-ICP2(v2464) 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	2.3855	9.090	.23263	F<.00000	38.592
Stddev	.0190	.026	.00116	.19324	.130
%RSD	.79778	.2879	.50077	1.4071	.33597
#1	2.3720	9.071	.23345	-13.596	38.500
#2	2.3989	9.108	.23180	-13.869	38.684
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.7	71408.	5037.5	107.99	4176.8
Stddev	15.3	6.	51.9	.43	7.2
%RSD	.43949	.00874	1.0300	.39719	.17161
#1	3463.9	71412.	5000.9	108.30	4171.8
#2	3485.4	71403.	5074.2	107.69	4181.9

Sample Name: J5066-06 Acquired: 9/28/2018 12:49:24 Type: Unk
 Method: P4-ICP2(v2464) 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	.70312	1.9211	1.2054	1.6997	.67472	83.193	.54706
Stddev	.00461	.0029	.0007	.0043	.00154	.139	.00247
%RSD	.65550	.15379	.05560	.25351	.22886	.16716	.45106

#1	.70638	1.9232	1.2049	1.6966	.67582	83.094	.54531
#2	.69986	1.9190	1.2059	1.7027	.67363	83.291	.54880

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17171	.19019	15.649	.46250	.25795	.54413	159.38
Stddev	.00013	.00091	.096	.00166	.00063	.00138	1.15
%RSD	.07481	.47610	.61611	.35812	.24425	.25311	.71903

#1	.17180	.18955	15.581	.46367	.25840	.54316	160.19
#2	.17162	.19083	15.717	.46133	.25751	.54511	158.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1564	38.272	.77833	.06251	3.3346	.44453	.57538
Stddev	.0053	.092	.00071	.00130	.0063	.00024	.00618
%RSD	.12691	.24007	.09166	2.0774	.18821	.05350	1.0733

#1	4.1527	38.207	.77783	.06343	3.3391	.44470	.57975
#2	4.1601	38.337	.77884	.06159	3.3302	.44436	.57101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.816	.34184	.30807	.84961	2.4220	.66599	2.5062
Stddev	.008	.00012	.00879	.00173	.0166	.00035	.0077
%RSD	.04800	.03477	2.8531	.20329	.68703	.05201	.30622

#1	15.811	.34192	.31429	.84839	2.4102	.66574	2.5116
#2	15.822	.34176	.30186	.85083	2.4338	.66623	2.5007

Sample Name: J5066-06 Acquired: 9/28/2018 12:49:24 Type: Unk
 Method: P4-ICP2(v2464) 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	2.4302	9.065	.23480	F<.00000	38.076
Stddev	.0005	.054	.00080	.55120	.025
%RSD	.02081	.6002	.34189	4.2835	.06493

#1	2.4299	9.104	.23423	-12.478	38.094
#2	2.4306	9.027	.23537	-13.258	38.059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.7	70960.	4992.2	109.14	4159.5
Stddev	.3	187.	15.5	1.27	5.5
%RSD	.00966	.26349	.31022	1.1597	.13156

#1	3452.0	70827.	5003.2	108.24	4155.7
#2	3451.5	71092.	4981.3	110.03	4163.4

Sample Name: J5066-04A Acquired: 9/28/2018 12:53:08 Type: Unk
Method: P4-ICP2(v2464) 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	.70504	1.9270	1.2119	1.7045	.67612	82.678	.54884
Stddev	.00321	.0011	.0022	.0037	.00142	.007	.00061
%RSD	.45585	.05923	.17840	.21689	.21051	.00788	.11078

#1	.70277	1.9262	1.2104	1.7019	.67512	82.673	.54841
#2	.70732	1.9278	1.2134	1.7072	.67713	82.682	.54927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17060	.19025	15.611	.46076	.25752	.54665	159.30
Stddev	.00000	.00001	.035	.00121	.00013	.00166	2.05
%RSD	.00114	.00681	.22314	.26251	.04955	.30450	1.2865

#1	.17060	.19024	15.586	.46162	.25761	.54547	157.85
#2	.17060	.19026	15.635	.45991	.25743	.54783	160.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1371	38.230	.78117	.06220	3.3136	.44291	.57700
Stddev	.0001	.075	.00008	.00020	.0167	.00072	.00747
%RSD	.00168	.19750	.01040	.31370	.50415	.16338	1.2946

#1	4.1370	38.176	.78122	.06234	3.3018	.44342	.57172
#2	4.1371	38.283	.78111	.06206	3.3254	.44240	.58229

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.742	.34435	.30734	.85244	2.4338	.66719	2.4938
Stddev	.036	.00151	.00161	.00448	.0125	.00027	.0003
%RSD	.22815	.43726	.52234	.52562	.51329	.04084	.01380

#1	15.717	.34328	.30621	.85561	2.4426	.66700	2.4940
#2	15.768	.34541	.30848	.84927	2.4249	.66739	2.4935

Sample Name: J5066-04A Acquired: 9/28/2018 12:53:08 Type: Unk
 Method: P4-ICP2(v2464) 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	2.4169	9.029	.23409	F<.00000	38.983
Stddev	.0098	.005	.00001	.17158	.251
%RSD	.40687	.0604	.00288	1.2867	.64500

#1	2.4239	9.025	.23408	-13.456	38.806
#2	2.4099	9.033	.23409	-13.213	39.161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.7	71351.	4995.6	108.95	4168.2
Stddev	17.3	56.	14.5	1.29	5.3
%RSD	.50204	.07916	.28999	1.1810	.12629

#1	3464.0	71391.	5005.8	109.86	4171.9
#2	3439.4	71311.	4985.3	108.04	4164.5

Sample Name: PB113276BL Acquired: 9/28/2018 12:56:52 Type: Unk
Method: P4-ICP2(v2464) 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	.00063	.00033	-.00031	.00102	.00091	-.00402	-.00071
Stddev	.00164	.00032	.00036	.00091	.00048	.00061	.00027
%RSD	261.63	96.929	116.03	88.602	52.857	15.132	37.546

#1	.00178	.00056	-.00006	.00167	.00124	-.00445	-.00090
#2	-.00053	.00010	-.00056	.00038	.00057	-.00359	-.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00005	.00460	.00029	-.00003	.00046	-.00060
Stddev	.00001	.00005	.00240	.00047	.00001	.00038	.00165
%RSD	20.118	95.165	52.111	159.60	43.300	81.220	273.09

#1	-.00003	.00002	.00629	.00063	-.00004	.00073	.00056
#2	-.00004	.00009	.00290	-.00004	-.00002	.00020	-.00177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01001	-.00012	-.00026	.01124	-.00022	-.00049
Stddev	.00000	.04253	.00002	.00113	.00151	.00052	.00005
%RSD	3.7321	424.77	18.523	430.25	13.391	237.94	9.9493

#1	-.00013	.04008	-.00011	.00054	.01231	-.00058	-.00053
#2	-.00013	-.02006	-.00014	-.00106	.01018	.00015	-.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00778	-.00011	-.00935	-.00076	-.00162	.00012	-.00010
Stddev	.00239	.00004	.00285	.00120	.00158	.00001	.00365
%RSD	30.656	36.144	30.430	158.87	97.074	11.774	3500.0

#1	-.00609	-.00008	-.01137	-.00160	-.00051	.00011	.00248
#2	-.00947	-.00014	-.00734	.00009	-.00274	.00013	-.00269

Sample Name: PB113276BL Acquired: 9/28/2018 12:56:52 Type: Unk
 Method: P4-ICP2(v2464) 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 .03942	.0020	-.00020	F .08719	F<.00000
Stddev	.02506	.0006	.00000	.90948	.67248
%RSD	63.559	31.14	1.2477	1043.1	149.72

#1	.05714	.0016	-.00020	.73028	.02635
#2	.02171	.0025	-.00020	-.55591	-.92467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.0	66511.	4491.2	115.30	4662.2
Stddev	4.8	144.	19.9	.24	8.0
%RSD	.14888	.21721	.44341	.21093	.17104

#1	3240.6	66409.	4505.3	115.13	4656.6
#2	3247.4	66613.	4477.1	115.47	4667.8

Sample Name: PB113276BS Acquired: 9/28/2018 13:00:55 Type: Unk
Method: P4-ICP2(v2464) 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	.77793	2.0266	1.0038	1.9324	.78005	1.9075	.20689
Stddev	.00775	.0017	.0015	.0118	.00036	.0159	.00035
%RSD	.99680	.08215	.15254	.60837	.04653	.83194	.16825

#1	.77245	2.0278	1.0027	1.9241	.77979	1.8963	.20714
#2	.78342	2.0254	1.0049	1.9407	.78031	1.9187	.20665

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18681	.19620	1.0622	.40160	.19497	.30590	3.0128
Stddev	.00001	.00061	.0262	.00153	.00010	.00056	.0466
%RSD	.00440	.30864	2.4689	.38004	.05372	.18149	1.5450

#1	.18682	.19577	1.0436	.40052	.19505	.30551	3.0457
#2	.18681	.19662	1.0807	.40268	.19490	.30629	2.9799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20563	2.1384	.48867	.07075	3.1218	.30005	.20641
Stddev	.00040	.0087	.00022	.00076	.0104	.00065	.00092
%RSD	.19247	.40751	.04558	1.0799	.33284	.21730	.44609

#1	.20535	2.1446	.48851	.07129	3.1145	.29959	.20706
#2	.20591	2.1322	.48883	.07021	3.1291	.30052	.20576

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.326	.40984	.30480	F -.01003	.91008	.67317	.20757
Stddev	.048	.00123	.00621	.00025	.00754	.00347	.00214
%RSD	.46011	.30008	2.0365	2.4814	.82873	.51495	1.0298

#1	10.292	.40897	.30041	-.00986	.90475	.67072	.20908
#2	10.359	.41071	.30919	-.01021	.91542	.67563	.20606

Sample Name: PB113276BS Acquired: 9/28/2018 13:00:55 Type: Unk
Method: P4-ICP2(v2464) 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 1.9104	5.208	.19720	F .97615	F 1.0821
Stddev	.0039	.003	.00322	.76391	.1840
%RSD	.20162	.0642	1.6340	78.257	17.006

#1	1.9132	5.206	.19492	1.5163	1.2123
#2	1.9077	5.211	.19947	.43598	.95201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.4	65432.	4384.9	108.63	4471.0
Stddev	3.8	109.	13.5	.96	5.1
%RSD	.12113	.16634	.30694	.88715	.11463

#1	3166.6	65509.	4394.4	107.95	4467.4
#2	3172.1	65355.	4375.4	109.31	4474.6

Sample Name: CCV02 Acquired: 9/28/2018 13:04:44 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	4.8347	4.8638	4.8620	4.8644	4.8939	9.6329	9.9650	.24060
Stddev	.0012	.0127	.0040	.0080	.0003	.2579	.0191	.00747
%RSD	.02547	.26075	.08325	.16372	.00693	2.6776	.19120	3.1042
#1	4.8355	4.8548	4.8591	4.8588	4.8941	9.4505	9.9785	.23532
#2	4.8338	4.8728	4.8648	4.8700	4.8936	9.8153	9.9515	.24589
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4229	24.665	.96236	2.4307	1.2314	4.9028	2.4304	24.800
Stddev	.0009	.012	.02726	.0031	.0006	.0370	.0764	.020
%RSD	.03591	.04747	2.8322	.12871	.04922	.75435	3.1429	.08181
#1	2.4222	24.673	.94308	2.4285	1.2318	4.8767	2.3764	24.786
#2	2.4235	24.656	.98163	2.4330	1.2310	4.9290	2.4844	24.814
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4466	1.2185	24.590	2.4174	2.5058	24.923	4.9174	4.9654
Stddev	.0021	.0360	.083	.0723	.0130	.006	.0027	.0258
%RSD	.08455	2.9538	.33670	2.9906	.51940	.02347	.05494	.51915
#1	2.4452	1.1931	24.649	2.3663	2.4966	24.928	4.9155	4.9472
#2	2.4481	1.2440	24.531	2.4685	2.5150	24.919	4.9193	4.9836
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8040	4.8716	4.8435	4.9429	4.5475	4.911	4.9278	F 2.1250
Stddev	.0053	.0002	.0138	.0019	.0096	.004	.0118	1.3706
%RSD	.11113	.00483	.28430	.03896	.21191	.0881	.24051	64.499
#1	4.8078	4.8715	4.8338	4.9442	4.5543	4.908	4.9362	1.1558
#2	4.8002	4.8718	4.8533	4.9415	4.5407	4.914	4.9194	3.0942

Sample Name: CCV02 Acquired: 9/28/2018 13:04:44 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7308
Stddev .0234
%RSD .85889

#1 2.7474
#2 2.7143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.4	64460.	4455.2	107.09	4177.4
Stddev	1.9	1751.	1.8	.47	1.7
%RSD	.05985	2.7165	.04036	.43547	.04035

#1	3111.1	65698.	4456.5	107.42	4176.2
#2	3113.7	63221.	4454.0	106.76	4178.6

Sample Name: CCB02 Acquired: 9/28/2018 13:08:27 Type: Unk
Method: P4-ICP2(v2464) 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	.00223	.00174	-.00046	.00119	.00030	-.00581	-.00239
Stddev	.00384	.00133	.00053	.00145	.00005	.00170	.00022
%RSD	172.63	76.122	116.15	121.14	17.861	29.203	9.2584

#1	.00494	.00080	-.00008	.00222	.00027	-.00461	-.00255
#2	-.00049	.00268	-.00083	.00017	.00034	-.00701	-.00223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	.00080	.00022	.00012	.00035	-.00577
Stddev	.00004	.00002	.00714	.00003	.00014	.00054	.00772
%RSD	119.43	55.857	898.26	15.182	121.63	153.43	133.63

#1	.00006	.00002	.00585	.00025	.00002	.00073	-.00032
#2	.00001	.00005	-.00425	.00020	.00021	-.00003	-.01123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.07563	-.00005	.00009	.00747	.00034	.00009
Stddev	.00001	.03946	.00034	.00014	.00131	.00004	.00012
%RSD	20.120	52.172	730.37	161.27	17.591	11.978	129.67

#1	.00004	.04773	-.00028	.00019	.00840	.00037	.00018
#2	.00003	.10354	.00019	-.00001	.00655	.00031	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01014	.00025	.00138	-.00128	.00203	.00004	-.00019
Stddev	.00549	.00008	.00388	.00060	.00303	.00086	.00162
%RSD	54.082	33.053	281.85	46.611	149.58	1949.3	852.13

#1	.01402	.00019	-.00137	-.00171	.00417	.00065	.00095
#2	.00626	.00030	.00412	-.00086	-.00012	-.00056	-.00133

Sample Name: CCB02 Acquired: 9/28/2018 13:08:27 Type: Unk
Method: P4-ICP2(v2464) 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 .04578	.0005	-.00016	F<.00000	F<.00000
Stddev	.00190	.0009	.00001	.22880	.33084
%RSD	4.1582	182.8	8.9118	112.06	96.082

#1	.04713	-.0001	-.00015	-.36595	-.57827
#2	.04444	.0011	-.00017	-.04238	-.11039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.4	67100.	4523.6	112.20	4651.9
Stddev	4.9	161.	58.7	.81	9.0
%RSD	.14993	.23961	1.2972	.72472	.19352

#1	3257.9	67214.	4482.1	111.63	4658.2
#2	3251.0	66986.	4565.1	112.78	4645.5

Sample Name: J5097-01 Acquired: 9/28/2018 13:12:31 Type: Unk
Method: P4-ICP2(v2464) 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	.06120	.00114	.01856	-.04250	.01094	133.63	.26354
Stddev	.00168	.00089	.00483	.00270	.00082	.47	.00067
%RSD	2.7482	78.660	26.028	6.3422	7.5406	.34829	.25440

#1	.06239	.00050	.02198	-.04440	.01152	133.30	.26401
#2	.06001	.00177	.01515	-.04059	.01036	133.96	.26306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01215	-.00666	11.941	.13344	.09724	.60666	377.28
Stddev	.00035	.00138	.056	.00031	.00016	.00091	8.47
%RSD	2.9173	20.662	.46671	.23403	.16354	.15058	2.2454

#1	.01190	-.00569	11.981	.13366	.09735	.60601	371.29
#2	.01240	-.00763	11.902	.13322	.09713	.60731	383.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4339	26.899	.14971	.00617	.26089	.26246	.51490
Stddev	.0027	.118	.00000	.00086	.00195	.00127	.00705
%RSD	.11202	.43967	.00007	13.943	.74914	.48483	1.3690

#1	2.4320	26.983	.14971	.00556	.26227	.26336	.50991
#2	2.4358	26.816	.14971	.00678	.25951	.26156	.51988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9482	.00108	.14959	.77814	3.1324	.01000	.55245
Stddev	.0516	.00004	.00977	.00069	.0256	.00065	.00235
%RSD	.64945	3.6655	6.5282	.08931	.81766	6.5112	.42462

#1	7.9847	.00105	.14268	.77863	3.1505	.01046	.55079
#2	7.9117	.00111	.15649	.77764	3.1143	.00954	.55411

Sample Name: J5097-01 Acquired: 9/28/2018 13:12:31 Type: Unk
 Method: P4-ICP2(v2464) 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	.88478	5.668	.10032	F<.00000	63.051
Stddev	.00123	.015	.00029	.04867	.823
%RSD	.13868	.2623	.28938	.13156	1.3048

#1	.88392	5.679	.10053	-37.030	63.633
#2	.88565	5.658	.10012	-36.961	62.470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.6	75182.	5359.5	109.79	4048.3
Stddev	.8	143.	26.9	1.95	2.9
%RSD	.02323	.19047	.50142	1.7790	.07071

#1	3649.2	75283.	5340.5	111.17	4046.2
#2	3648.0	75080.	5378.5	108.41	4050.3

Sample Name: J5097-01DUP Acquired: 9/28/2018 13:16:28 Type: Unk
Method: P4-ICP2(v2464) 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	.06364	.00034	.01786	-.04027	.01156	133.93	.26180
Stddev	.00085	.00136	.00354	.00134	.00094	.37	.00195
%RSD	1.3332	403.98	19.803	3.3181	8.0894	.27904	.74629

#1	.06424	-.00062	.01536	-.03932	.01090	134.19	.26318
#2	.06304	.00130	.02037	-.04121	.01222	133.67	.26042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01235	-.00680	11.889	.13796	.09877	.62280	381.81
Stddev	.00054	.00143	.055	.00030	.00032	.00401	11.06
%RSD	4.3588	21.058	.46417	.21964	.32085	.64346	2.8960

#1	.01197	-.00781	11.928	.13817	.09854	.61997	389.63
#2	.01273	-.00579	11.850	.13775	.09899	.62564	373.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4240	26.890	.15309	.00617	.25354	.26288	.52967
Stddev	.0011	.272	.00072	.00098	.00811	.00113	.01666
%RSD	.04507	1.0112	.47244	15.809	3.1979	.43083	3.1455

#1	2.4248	27.082	.15258	.00686	.25927	.26208	.54145
#2	2.4232	26.698	.15360	.00548	.24781	.26368	.51789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9307	.00148	.14303	.79062	3.1185	.01131	.54757
Stddev	.0770	.00038	.02456	.00247	.0008	.00038	.00131
%RSD	.97160	25.341	17.170	.31242	.02507	3.3462	.23875

#1	7.9852	.00175	.16039	.78888	3.1191	.01158	.54664
#2	7.8762	.00122	.12566	.79237	3.1180	.01104	.54849

Sample Name: J5097-01DUP Acquired: 9/28/2018 13:16:28 Type: Unk
Method: P4-ICP2(v2464) 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	.87261	5.724	.09974	F<.00000	62.408
Stddev	.00037	.014	.00024	1.1128	.228
%RSD	.04242	.2503	.23571	3.0451	.36458

#1	.87235	5.714	.09958	-35.757	62.247
#2	.87287	5.734	.09991	-37.331	62.569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.9	74982.	5367.1	108.62	4047.8
Stddev	6.0	420.	42.4	3.51	11.2
%RSD	.16537	.55993	.79067	3.2342	.27560

#1	3651.7	74685.	5337.1	106.13	4039.9
#2	3660.2	75279.	5397.1	111.10	4055.7

Sample Name: J5097-01LX5 Acquired: 9/28/2018 13:20:26 Type: Unk
Method: P4-ICP2(v2464) 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	.01544	.00136	.00323	-.01022	.00166	30.660	.06051
Stddev	.00304	.00119	.00038	.00138	.00002	.447	.00097
%RSD	19.689	86.945	11.731	13.537	.97218	1.4578	1.6001

#1	.01329	.00053	.00296	-.00924	.00165	30.344	.05983
#2	.01759	.00220	.00350	-.01119	.00167	30.976	.06120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00196	2.8806	.03523	.01967	.14892	78.282
Stddev	.00011	.00000	.0056	.00063	.00005	.00019	.227
%RSD	4.4886	.22496	.19334	1.7793	.23512	.12704	.29056

#1	.00248	-.00196	2.8846	.03478	.01964	.14879	78.121
#2	.00264	-.00195	2.8767	.03567	.01970	.14905	78.442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58627	6.5137	.03206	.00027	.18716	.06119	.11331
Stddev	.00009	.0479	.00065	.00006	.00283	.00091	.00109
%RSD	.01501	.73469	2.0157	24.145	1.5121	1.4803	.95865

#1	.58633	6.5476	.03252	.00022	.18916	.06055	.11407
#2	.58620	6.4799	.03160	.00031	.18516	.06183	.11254

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8865	.00030	.01104	.16426	.76486	.00193	.13196
Stddev	.0331	.00014	.00774	.00207	.00098	.00056	.00055
%RSD	1.7543	47.312	70.083	1.2621	.12855	28.763	.41510

#1	1.8631	.00020	.01651	.16572	.76417	.00232	.13235
#2	1.9099	.00040	.00557	.16279	.76556	.00154	.13158

Sample Name: J5097-01LX5 Acquired: 9/28/2018 13:20:26 Type: Unk
 Method: P4-ICP2(v2464) 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	.23075	1.123	.02346	F<.00000	28.320
Stddev	.01052	.001	.00012	.73764	1.024
%RSD	4.5603	.0619	.52326	10.226	3.6161

#1	.22331	1.123	.02355	-7.7352	27.596
#2	.23820	1.122	.02337	-6.6920	29.044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.4	68325.	4736.1	112.31	4418.0
Stddev	3.8	263.	25.8	.68	13.0
%RSD	.11561	.38458	.54568	.60475	.29393

#1	3325.7	68511.	4717.8	111.83	4427.2
#2	3331.2	68140.	4754.3	112.80	4408.8

Sample Name: J5097-01MS Acquired: 9/28/2018 13:24:26 Type: Unk
Method: P4-ICP2(v2464) 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	.69137	1.9334	.98484	1.5293	.63158	131.11	.41970
Stddev	.00426	.0005	.00067	.0018	.00342	.35	.00488
%RSD	.61607	.02374	.06765	.11638	.54212	.26635	1.1617

#1	.68836	1.9338	.98437	1.5280	.63400	131.36	.41625
#2	.69438	1.9331	.98531	1.5305	.62916	130.86	.42315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16653	.18549	12.578	.44695	.28704	.83770	381.85
Stddev	.00014	.00114	.135	.00022	.00008	.00129	8.40
%RSD	.08159	.61724	1.0711	.04889	.02948	.15358	2.2006

#1	.16663	.18630	12.483	.44679	.28698	.83679	375.91
#2	.16644	.18468	12.673	.44710	.28710	.83861	387.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5272	28.247	.61856	.06570	2.6552	.49143	.70085
Stddev	.0065	.361	.00099	.00095	.0093	.00347	.01851
%RSD	.25610	1.2780	.15957	1.4528	.35181	.70652	2.6413

#1	2.5318	27.992	.61926	.06502	2.6486	.49388	.68776
#2	2.5226	28.502	.61786	.06637	2.6618	.48897	.71394

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.774	.31958	.39526	.75827	3.7819	.66540	.70977
Stddev	.060	.00030	.02020	.00868	.0155	.00052	.00160
%RSD	.37837	.09306	5.1104	1.1444	.40925	.07858	.22597

#1	15.732	.31937	.38097	.75213	3.7710	.66503	.71091
#2	15.817	.31979	.40954	.76440	3.7929	.66577	.70864

Sample Name: J5097-01MS Acquired: 9/28/2018 13:24:26 Type: Unk
 Method: P4-ICP2(v2464) 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	2.2923	10.82	.25135	F<.00000	60.542
Stddev	.0071	.03	.00250	.41697	.540
%RSD	.31027	.3099	.99400	1.1238	.89160

#1	2.2872	10.79	.24958	-36.809	60.924
#2	2.2973	10.84	.25312	-37.399	60.161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.3	75020.	5317.5	107.19	4011.2
Stddev	4.9	234.	53.5	2.37	9.3
%RSD	.13477	.31225	1.0064	2.2100	.23129

#1	3622.8	74854.	5355.3	108.86	4004.7
#2	3629.7	75185.	5279.6	105.51	4017.8

Sample Name: J5097-01MSD Acquired: 9/28/2018 13:28:18 Type: Unk
Method: P4-ICP2(v2464) 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	.68546	1.9124	.97438	1.5149	.63174	132.35	.42243
Stddev	.00173	.0078	.00435	.0047	.00451	.22	.00092
%RSD	.25187	.40933	.44671	.30818	.71347	.16952	.21787

#1	.68424	1.9069	.97130	1.5182	.63493	132.19	.42308
#2	.68669	1.9179	.97745	1.5116	.62855	132.51	.42178

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16602	.18412	12.635	.44445	.28368	.83382	377.54
Stddev	.00017	.00007	.110	.00128	.00056	.00101	5.50
%RSD	.10053	.03640	.87136	.28860	.19879	.12064	1.4569

#1	.16614	.18407	12.713	.44354	.28328	.83311	373.65
#2	.16591	.18416	12.558	.44536	.28408	.83453	381.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5374	28.350	.61449	.06472	2.6729	.49216	.69350
Stddev	.0095	.029	.00096	.00046	.0140	.00115	.01313
%RSD	.37366	.10296	.15686	.71412	.52382	.23394	1.8927

#1	2.5306	28.330	.61381	.06439	2.6828	.49134	.68422
#2	2.5441	28.371	.61517	.06505	2.6630	.49297	.70278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.939	.31836	.38066	.76111	3.7585	.65820	.70835
Stddev	.004	.00006	.00216	.00733	.0347	.00350	.00332
%RSD	.02627	.01931	.56661	.96348	.92294	.53204	.46908

#1	15.942	.31832	.37914	.75593	3.7830	.65573	.71070
#2	15.936	.31840	.38219	.76630	3.7339	.66068	.70600

Sample Name: J5097-01MSD Acquired: 9/28/2018 13:28:18 Type: Unk
 Method: P4-ICP2(v2464) 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	2.3092	10.72	.25081	F<.00000	58.514
Stddev	.0437	.00	.00093	.45632	.365
%RSD	1.8926	.0015	.37127	1.3100	.62384

#1	2.3401	10.72	.25147	-35.157	58.772
#2	2.2783	10.72	.25015	-34.512	58.256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3623.6	74554.	5247.9	107.71	4020.7
Stddev	.7	242.	2.5	2.03	3.4
%RSD	.01866	.32502	.04797	1.8820	.08542

#1	3624.1	74725.	5246.2	109.14	4023.1
#2	3623.1	74382.	5249.7	106.28	4018.3

Sample Name: J5097-01A Acquired: 9/28/2018 13:32:11 Type: Unk
Method: P4-ICP2(v2464) 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	.69116	1.9125	.98239	1.5265	.63319	131.99	.42187
Stddev	.00909	.0067	.00259	.0159	.00483	.20	.00136
%RSD	1.3148	.34914	.26335	1.0419	.76325	.15427	.32131

#1	.69758	1.9172	.98422	1.5378	.63661	132.13	.42091
#2	.68473	1.9078	.98056	1.5153	.62977	131.84	.42283

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16529	.18626	12.617	.44136	.28538	.83525	374.00
Stddev	.00016	.00047	.060	.00071	.00033	.00539	4.31
%RSD	.09919	.25454	.47419	.16012	.11567	.64577	1.1533

#1	.16517	.18660	12.574	.44086	.28561	.83906	377.05
#2	.16540	.18593	12.659	.44186	.28514	.83144	370.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5354	28.406	.61833	.06401	2.6696	.49236	.69387
Stddev	.0013	.021	.00195	.00083	.0056	.00139	.01243
%RSD	.05222	.07418	.31475	1.3035	.21176	.28178	1.7920

#1	2.5344	28.421	.61970	.06460	2.6656	.49334	.70267
#2	2.5363	28.392	.61695	.06342	2.6736	.49138	.68508

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.910	.32190	.36913	.75346	3.7666	.66259	.70767
Stddev	.001	.00207	.00042	.00389	.0644	.00142	.00016
%RSD	.00327	.64390	.11477	.51690	1.7111	.21482	.02267

#1	15.909	.32336	.36943	.75621	3.7210	.66359	.70779
#2	15.910	.32043	.36883	.75071	3.8122	.66158	.70756

Sample Name: J5097-01A Acquired: 9/28/2018 13:32:11 Type: Unk
 Method: P4-ICP2(v2464) 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	2.3221	10.80	.24984	F<.00000	58.997
Stddev	.0132	.01	.00067	.20872	.079
%RSD	.56970	.0908	.26770	.59651	.13379

#1	2.3314	10.81	.24937	-34.843	59.053
#2	2.3127	10.80	.25031	-35.138	58.941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.2	74603.	5243.5	108.19	4025.4
Stddev	1.9	415.	.0	1.57	7.0
%RSD	.05170	.55641	.00038	1.4531	.17346

#1	3628.5	74309.	5243.5	107.08	4030.4
#2	3625.8	74896.	5243.6	109.30	4020.5

Sample Name: PB113328BL Acquired: 9/28/2018 13:36:04 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00080	.00125	.00023	.00223	.00096	-.01060	-.00247	.00005
Stddev	.00056	.00065	.00125	.00009	.00032	.00978	.00080	.00004
%RSD	69.892	52.108	556.75	3.9046	33.459	92.242	32.496	98.289
#1	.00040	.00171	.00111	.00229	.00119	-.00369	-.00190	.00001
#2	.00119	.00079	-.00066	.00216	.00073	-.01751	-.00303	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00718	-.00025	-.00023	-.00040	.00649	-.00015	.03581
Stddev	.00004	.00679	.00024	.00009	.00040	.01184	.00000	.00236
%RSD	177.88	94.568	94.941	39.348	98.611	182.39	3.2122	6.6014
#1	-.00001	-.00238	-.00008	-.00017	-.00012	-.00188	-.00014	.03414
#2	.00005	-.01199	-.00042	-.00030	-.00068	.01486	-.00015	.03748
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00019	.01419	-.00004	-.00041	-.01217	.00014	-.00017
Stddev	.00022	.00031	.00555	.00008	.00000	.01068	.00016	.00505
%RSD	66.525	162.54	39.072	186.04	.99384	87.711	115.67	2946.4
#1	.00048	.00003	.01027	-.00010	-.00041	-.01972	.00003	-.00375
#2	.00017	-.00040	.01812	.00001	-.00040	-.00462	.00025	.00340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00388	-.00044	-.00072	.00117	F .04488	-.0005	-.00002	F 1.0946
Stddev	.00148	.00129	.00008	.00148	.00983	.0010	.00028	.5643
%RSD	38.169	291.18	10.500	125.83	21.903	186.3	1127.4	51.552
#1	-.00283	-.00135	-.00077	.00222	.03793	-.0012	.00017	1.4937
#2	-.00493	.00047	-.00066	.00013	.05183	.0002	-.00022	.69561

Sample Name: PB113328BL Acquired: 9/28/2018 13:36:04 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .26300
Stddev	.22874
%RSD	86.972

#1	.10126
#2	.42475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.9	66768.	4529.0	112.79	4666.9
Stddev	4.3	18.	17.5	1.55	11.5
%RSD	.13182	.02742	.38549	1.3731	.24586

#1	3244.8	66755.	4516.7	113.88	4658.8
#2	3250.9	66781.	4541.4	111.69	4675.0

Sample Name: PB113328BS Acquired: 9/28/2018 13:40:09 Type: Unk
Method: P4-ICP2(v2464) 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	.76730	2.0104	.98018	1.9556	.75263	1.9019	.19969
Stddev	.00227	.0053	.00050	.0042	.00228	.0002	.00197
%RSD	.29619	.26448	.05085	.21484	.30301	.00977	.98710

#1	.76890	2.0066	.97983	1.9527	.75102	1.9018	.20109
#2	.76569	2.0141	.98053	1.9586	.75425	1.9020	.19830

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19042	.19404	1.0009	.38650	.18908	.30207	2.9245
Stddev	.00009	.00021	.0080	.00051	.00003	.00019	.1074
%RSD	.04623	.10746	.80055	.13238	.01684	.06368	3.6714

#1	.19035	.19389	.99520	.38686	.18910	.30220	2.8486
#2	.19048	.19419	1.0065	.38614	.18906	.30193	3.0004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19974	2.0340	.47670	.07062	3.0430	.28873	.19853
Stddev	.00034	.0006	.00144	.00034	.0004	.00224	.00654
%RSD	.17133	.03018	.30143	.47809	.01487	.77426	3.2953

#1	.19949	2.0336	.47569	.07038	3.0427	.29031	.19390
#2	.19998	2.0345	.47772	.07086	3.0433	.28715	.20315

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.103	.38589	.28628	F -.01023	.88803	.64649	.19702
Stddev	.057	.00032	.00336	.00033	.01008	.00256	.00126
%RSD	.56389	.08292	1.1744	3.2373	1.1350	.39595	.64082

#1	10.063	.38612	.28866	-.01046	.88091	.64468	.19612
#2	10.144	.38566	.28390	-.00999	.89516	.64830	.19791

Sample Name: PB113328BS Acquired: 9/28/2018 13:40:09 Type: Unk
Method: P4-ICP2(v2464) 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 1.8512	5.202	.18945	F 1.2801	F .61341
Stddev	.0182	.004	.00140	.1085	.70297
%RSD	.98513	.0802	.73784	8.4788	114.60

#1	1.8383	5.205	.19044	1.2033	1.1105
#2	1.8641	5.199	.18847	1.3568	.11633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.3	66115.	4472.0	111.52	4553.2
Stddev	5.9	230.	22.3	3.12	10.5
%RSD	.18347	.34818	.49760	2.8011	.23138

#1	3218.1	65952.	4456.3	113.73	4545.8
#2	3226.5	66278.	4487.7	109.31	4560.7

Sample Name: PB113337BL Acquired: 9/28/2018 13:43:58 Type: Unk
Method: P4-ICP2(v2464) 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	.00209	.00027	-.00115	.00174	.00083	.00886	-.00248
Stddev	.00157	.00017	.00055	.00219	.00004	.01396	.00099
%RSD	74.916	62.955	48.074	126.14	4.8299	157.56	39.843

#1	.00320	.00039	-.00154	.00019	.00086	-.00101	-.00178
#2	.00098	.00015	-.00076	.00329	.00080	.01873	-.00318

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	-.01056	-.00033	-.00019	-.00048	.00643
Stddev	.00003	.00002	.00682	.00034	.00010	.00065	.00256
%RSD	109.90	43.221	64.563	104.56	55.583	136.26	39.786

#1	.00005	.00003	-.00574	-.00057	-.00011	-.00002	.00825
#2	.00001	.00005	-.01539	-.00009	-.00026	-.00093	.00462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.04397	.00001	-.00050	.02456	.00031	-.00037
Stddev	.00002	.02717	.00005	.00020	.01302	.00018	.00000
%RSD	9.4680	61.791	406.65	40.100	53.009	56.951	1.1004

#1	-.00019	.06318	-.00002	-.00065	.03376	.00044	-.00038
#2	-.00021	.02476	.00005	-.00036	.01535	.00019	-.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	-.00006	-.00984	-.00029	.00014	-.00011	.00158
Stddev	.06773	.00018	.00281	.00032	.00152	.00029	.00084
%RSD	1907.9	312.25	28.557	110.07	1095.3	252.16	53.085

#1	-.04434	.00007	-.01183	-.00052	-.00094	-.00032	.00217
#2	.05144	-.00018	-.00785	-.00006	.00122	.00009	.00098

Sample Name: PB113337BL Acquired: 9/28/2018 13:43:58 Type: Unk
 Method: P4-ICP2(v2464) 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 .04780	.0025	-.00011	F .77421	F<.00000
Stddev	.00586	.0016	.00007	.78742	.01930
%RSD	12.268	65.40	61.245	101.71	7.3764

#1	.04366	.0037	-.00006	1.3310	-.27535
#2	.05195	.0013	-.00016	.21742	-.24805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.6	66671.	4564.4	114.51	4645.2
Stddev	2.4	147.	.3	.92	3.1
%RSD	.07521	.22028	.00718	.80275	.06635

#1	3237.3	66567.	4564.7	115.16	4647.3
#2	3233.8	66775.	4564.2	113.86	4643.0

Sample Name: PB113337BS Acquired: 9/28/2018 13:48:00 Type: Unk
Method: P4-ICP2(v2464) 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	.80858	2.1129	1.0450	2.0125	.79978	2.0316	.21716
Stddev	.00191	.0035	.0009	.0127	.00123	.0007	.00094
%RSD	.23627	.16374	.08213	.63244	.15396	.03657	.43378

#1	.80723	2.1104	1.0457	2.0215	.79890	2.0321	.21782
#2	.80993	2.1153	1.0444	2.0035	.80065	2.0311	.21649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19537	.20432	1.1411	.42178	.20442	.31977	3.1536
Stddev	.00021	.00007	.0215	.00120	.00053	.00029	.0401
%RSD	.10968	.03320	1.8862	.28481	.26075	.09191	1.2726

#1	.19521	.20437	1.1259	.42263	.20405	.31997	3.1252
#2	.19552	.20428	1.1563	.42093	.20480	.31956	3.1820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21582	2.2012	.51191	.07325	3.3192	.31548	.21930
Stddev	.00018	.0182	.00023	.00037	.0047	.00121	.00198
%RSD	.08444	.82838	.04489	.50321	.14035	.38468	.90286

#1	.21569	2.2141	.51175	.07299	3.3225	.31462	.21790
#2	.21595	2.1883	.51207	.07351	3.3159	.31634	.22070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.870	.42503	.31095	F -.00094	.95031	.69133	.21292
Stddev	.006	.00016	.01338	.00151	.00822	.00083	.00249
%RSD	.05592	.03648	4.3024	160.91	.86542	.12003	1.1697

#1	10.866	.42492	.32041	.00013	.94449	.69075	.21116
#2	10.874	.42514	.30149	-.00201	.95612	.69192	.21468

Sample Name: PB113337BS Acquired: 9/28/2018 13:48:00 Type: Unk
Method: P4-ICP2(v2464) 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 1.9938	5.450	.20799	.92952	.80017
Stddev	.0084	.007	.00029	.47260	.36792
%RSD	.42336	.1335	.13943	50.844	45.980

#1	1.9878	5.445	.20819	1.2637	1.0603
#2	1.9998	5.455	.20778	.59534	.54001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.8	65871.	4428.0	111.35	4489.4
Stddev	10.9	147.	23.1	.84	11.9
%RSD	.34287	.22364	.52265	.75408	.26499

#1	3172.1	65767.	4411.7	111.94	4481.0
#2	3187.5	65975.	4444.4	110.76	4497.9

Sample Name: CCV03 Acquired: 9/28/2018 13:51:48 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	4.7977	4.8651	4.8562	4.8440	4.9026	9.6331	9.9381	.24225
Stddev	.0086	.0213	.0127	.0020	.0107	.1139	.0076	.00083
%RSD	.18028	.43770	.26102	.04175	.21726	1.1821	.07618	.34319

#1	4.7916	4.8501	4.8472	4.8425	4.8951	9.5526	9.9435	.24167
#2	4.8038	4.8802	4.8651	4.8454	4.9102	9.7136	9.9328	.24284

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4160	24.439	.96822	2.4281	1.2299	4.9653	2.4403	24.587
Stddev	.0061	.026	.00381	.0034	.0023	.0228	.0058	.007
%RSD	.25368	.10828	.39389	.14180	.18871	.45882	.23651	.02860

#1	2.4117	24.420	.96553	2.4257	1.2282	4.9814	2.4362	24.582
#2	2.4204	24.457	.97092	2.4305	1.2315	4.9492	2.4444	24.592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4417	1.2297	24.553	2.4368	2.5087	24.789	4.9294	4.8884
Stddev	.0056	.0051	.085	.0003	.0001	.025	.0118	.0084
%RSD	.22774	.41137	.34514	.01167	.00528	.09908	.23938	.17150

#1	2.4378	1.2332	24.493	2.4366	2.5088	24.772	4.9211	4.8824
#2	2.4456	1.2261	24.612	2.4370	2.5086	24.806	4.9378	4.8943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7535	4.8477	4.8229	4.9235	4.5433	4.919	4.9153	F 2.4169
Stddev	.0042	.0229	.0100	.0029	.0194	.036	.0046	.4031
%RSD	.08812	.47206	.20771	.05935	.42741	.7405	.09419	16.680

#1	4.7506	4.8639	4.8158	4.9215	4.5296	4.893	4.9120	2.1318
#2	4.7565	4.8315	4.8300	4.9256	4.5570	4.945	4.9186	2.7020

Sample Name: CCV03 Acquired: 9/28/2018 13:51:48 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9452
Stddev .4345
%RSD 14.752

#1 2.6380
#2 3.2524

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.2	64136.	4487.7	106.77	4176.2
Stddev	1.7	175.	12.8	.22	.2
%RSD	.05507	.27299	.28597	.20623	.00405

#1	3108.0	64260.	4478.6	106.61	4176.4
#2	3110.4	64012.	4496.8	106.93	4176.1

Sample Name: CCB03 Acquired: 9/28/2018 13:55:30 Type: Unk
Method: P4-ICP2(v2464) 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	.00314	.00106	-.00110	.00163	-.00040	-.00424	-.00264
Stddev	.00103	.00111	.00004	.00464	.00202	.00178	.00019
%RSD	32.748	105.42	4.0228	285.10	503.82	41.894	7.3013

#1	.00387	.00027	-.00113	-.00165	-.00183	-.00299	-.00250
#2	.00241	.00184	-.00107	.00491	.00103	-.00550	-.00278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.00374	-.00006	-.00006	-.00043	-.00126
Stddev	.00006	.00000	.00512	.00017	.00003	.00002	.00364
%RSD	227.26	8.3977	136.93	286.30	50.355	4.1805	288.29

#1	-.00001	.00004	.00737	-.00018	-.00008	-.00044	.00131
#2	.00006	.00005	.00012	.00006	-.00004	-.00042	-.00384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.02907	.00076	-.00014	.01933	.00009	-.00049
Stddev	.00001	.01540	.00053	.00003	.00841	.00002	.00005
%RSD	4.5418	52.997	69.771	19.176	43.532	28.799	10.596

#1	-.00025	.01817	.00114	-.00015	.01338	.00010	-.00052
#2	-.00023	.03996	.00039	-.00012	.02528	.00007	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00731	.00022	-.01058	-.00391	.00020	-.00071	.00154
Stddev	.04107	.00014	.00090	.00155	.00151	.00013	.00155
%RSD	561.98	62.072	8.5254	39.709	750.58	18.323	101.02

#1	.03635	.00031	-.00995	-.00282	-.00087	-.00062	.00264
#2	-.02174	.00012	-.01122	-.00501	.00127	-.00080	.00044

Sample Name: CCB03 Acquired: 9/28/2018 13:55:30 Type: Unk
Method: P4-ICP2(v2464) 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 .05028	.0009	.00000	F<.00000	F .34340
Stddev	.01564	.0003	.00005	.93137	.22514
%RSD	31.099	32.12	2413.6	138.25	65.564

#1	.03922	.0012	.00004	-.01510	.18420
#2	.06133	.0007	-.00003	-1.3323	.50260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.0	67945.	4589.7	114.49	4683.1
Stddev	7.8	945.	13.5	1.67	1.8
%RSD	.23750	1.3911	.29384	1.4626	.03901

#1	3264.5	67277.	4580.1	113.31	4681.8
#2	3275.5	68613.	4599.2	115.67	4684.4

Sample Name: PB113337TB Acquired: 9/28/2018 13:59:34 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00067	-.00022	.00555	.00167	-.00876	-.00397	-.00009
Stddev	.00226	.00033	.00064	.00329	.00072	.00321	.00094	.00001
%RSD	715.50	49.411	293.13	59.324	42.978	36.641	23.780	15.259

#1	.00191	-.00091	.00023	.00787	.00117	-.01103	-.00464	-.00008
#2	-.00128	-.00044	-.00067	.00322	.00218	-.00649	-.00330	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00872	.00053	-.00044	-.00007	.00498	-.00007	.05250
Stddev	.00001	.00181	.00020	.00019	.00016	.00036	.00005	.00706
%RSD	18.515	20.729	38.662	41.713	226.15	7.1786	75.499	13.446

#1	.00003	.00999	.00039	-.00031	.00004	.00473	-.00011	.04750
#2	.00003	.00744	.00068	-.00057	-.00018	.00524	-.00003	.05749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00004	F 271.24	-.00007	.00430	.01258	.00009	-.01223
Stddev	.00018	.00030	.05	.00051	.00011	.04190	.00007	.00164
%RSD	17.460	707.21	.01887	682.91	2.5835	333.15	81.276	13.415

#1	.00114	.00017	271.21	.00029	.00438	.04220	.00014	-.01339
#2	.00089	-.00026	271.28	-.00044	.00422	-.01705	.00004	-.01107

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00380	.00822	.00061	.00052	.03780	.0005	.00003	F 2.5195
Stddev	.00478	.00137	.00047	.00226	.00143	.0023	.00008	.7082
%RSD	125.70	16.731	77.136	434.86	3.7920	504.9	254.95	28.107

#1	.00042	.00724	.00094	.00212	.03679	.0021	.00009	3.0202
#2	.00718	.00919	.00028	-.00108	.03882	-.0012	-.00002	2.0187

Sample Name: PB113337TB Acquired: 9/28/2018 13:59:34 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .82916
 Stddev .12979
 %RSD 15.653

#1 .73739
 #2 .92094

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.3	62889.	4524.9	108.77	4110.1
Stddev	.1	297.	8.1	1.25	9.1
%RSD	.00279	.47178	.17801	1.1534	.22077

#1	3067.3	62680.	4530.6	107.89	4116.5
#2	3067.4	63099.	4519.2	109.66	4103.7

Sample Name: J5033-24 Acquired: 9/28/2018 14:03:43 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00021	-.00026	.00439	-.00011	.02069	.06218	-.00003
Stddev	.00303	.00052	.00029	.00084	.00023	.00330	.00084	.00002
%RSD	96.221	247.81	109.71	19.172	218.11	15.935	1.3440	58.454

#1	.00529	-.00016	-.00006	.00498	-.00027	.01836	.06277	-.00002
#2	.00101	.00058	-.00046	.00379	.00006	.02302	.06159	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	28.239	.05100	.00008	.00288	.04408	.00589	9.5479
Stddev	.00003	.097	.00001	.00016	.00005	.01393	.00006	.0990
%RSD	80.173	.34512	.02798	198.65	1.8380	31.601	1.0150	1.0370

#1	.00006	28.308	.05101	.00019	.00292	.05393	.00585	9.4779
#2	.00002	28.170	.05099	-.00003	.00284	.03423	.00593	9.6180

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01248	-.00035	F 146.62	.00075	.05858	3.5359	.00010	.04676
Stddev	.00028	.00038	1.19	.00013	.00005	.0220	.00027	.00856
%RSD	2.2516	109.01	.81184	16.983	.09187	.62129	261.48	18.299

#1	.01228	-.00062	145.78	.00084	.05862	3.5515	.00029	.05281
#2	.01268	-.00008	147.47	.00066	.05855	3.5204	-.00009	.04071

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0206	3.4441	-.00073	.00007	.05326	.0015	.19060	3.6411
Stddev	.0453	.0274	.00023	.00209	.01151	.0010	.00093	.4314
%RSD	.64517	.79460	31.063	2837.6	21.604	64.48	.48919	11.847

#1	6.9886	3.4248	-.00057	-.00140	.06139	.0008	.19126	3.9462
#2	7.0527	3.4635	-.00089	.00155	.04512	.0022	.18994	3.3361

Sample Name: J5033-24 Acquired: 9/28/2018 14:03:43 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .93472
Stddev .90022
%RSD 96.309

#1 1.5713
#2 .29817

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.1	62994.	4443.4	109.71	4200.3
Stddev	10.1	302.	21.1	1.00	12.2
%RSD	.32731	.47943	.47442	.91271	.29108

#1	3069.9	62780.	4458.3	109.00	4191.7
#2	3084.2	63207.	4428.5	110.42	4209.0

Sample Name: J5033-24DUP Acquired: 9/28/2018 14:07:43 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00009	.00030	-.00087	.00526	-.00004	.03972	.06397	.00001
Stddev	.00094	.00218	.00051	.00179	.00004	.01271	.00098	.00000
%RSD	1060.4	732.17	58.935	34.072	105.53	32.009	1.5374	17.342

#1	.00076	-.00124	-.00124	.00399	-.00007	.04871	.06327	.00001
#2	-.00058	.00184	-.00051	.00652	-.00001	.03073	.06466	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	28.138	.05003	.00009	.00255	.04107	.00580	9.5281
Stddev	.00001	.092	.00196	.00000	.00017	.00189	.00016	.1084
%RSD	12.890	.32665	3.9128	2.2107	6.6039	4.6079	2.7251	1.1380

#1	-.00005	28.073	.05142	.00008	.00266	.04241	.00591	9.4514
#2	-.00006	28.203	.04865	.00009	.00243	.03973	.00569	9.6048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01252	-.00073	146.85	.00025	.06067	3.5394	-.00016	.03698
Stddev	.00035	.00047	.46	.00025	.00036	.0453	.00014	.00280
%RSD	2.8161	65.340	.31100	96.524	.59795	1.2808	88.908	7.5823

#1	.01227	-.00106	146.53	.00043	.06092	3.5074	-.00006	.03500
#2	.01277	-.00039	147.18	.00008	.06041	3.5715	-.00026	.03897

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0763	3.4567	-.00111	-.00170	.04618	.0012	.19010	3.0989
Stddev	.0322	.0500	.00038	.00033	.00461	.0012	.00015	1.7205
%RSD	.45515	1.4467	33.767	19.163	9.9825	100.2	.07975	55.521

#1	7.0990	3.4214	-.00085	-.00193	.04944	.0020	.18999	4.3155
#2	7.0535	3.4921	-.00138	-.00147	.04292	.0003	.19021	1.8823

Sample Name: J5033-24DUP Acquired: 9/28/2018 14:07:43 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9010
Stddev .2428
%RSD 12.770

#1 1.7293
#2 2.0726

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.1	63860.	4424.8	105.98	4203.2
Stddev	18.2	1898.	27.0	1.06	33.8
%RSD	.59186	2.9725	.60958	.99797	.80434

#1	3056.3	62517.	4443.9	105.23	4179.3
#2	3082.0	65202.	4405.7	106.73	4227.1

Sample Name: J5033-24LX5 Acquired: 9/28/2018 14:11:43 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00109	-.00016	-.00063	.00178	-.00086	.00395	.01151	.00003
Stddev	.00067	.00068	.00033	.00126	.00034	.00779	.00163	.00008
%RSD	61.714	426.32	51.938	70.726	39.683	197.29	14.133	260.42

#1	.00062	.00032	-.00086	.00268	-.00110	.00946	.01266	-.00003
#2	.00157	-.00064	-.00040	.00089	-.00062	-.00156	.01036	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	5.6287	.01021	-.00012	.00035	.01340	.00114	1.9567
Stddev	.00017	.0161	.00014	.00002	.00024	.00834	.00005	.0440
%RSD	279.10	.28564	1.3474	19.090	68.250	62.244	4.0858	2.2506

#1	.00018	5.6400	.01011	-.00013	.00018	.01930	.00111	1.9256
#2	-.00006	5.6173	.01031	-.00010	.00052	.00750	.00117	1.9879

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00326	.00018	29.364	.00007	.01167	.72216	-.00021	-.00688
Stddev	.00027	.00014	.172	.00025	.00012	.03278	.00002	.00637
%RSD	8.2517	74.434	.58492	377.74	1.0168	4.5395	7.1387	92.526

#1	.00307	.00009	29.242	-.00011	.01176	.69898	-.00022	-.00238
#2	.00345	.00028	29.485	.00025	.01159	.74534	-.00020	-.01139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3711	.70726	.00042	.00016	.05308	-.0011	.03771	1.5738
Stddev	.0039	.00723	.00129	.00009	.01220	.0019	.00014	.4573
%RSD	.28377	1.0224	304.58	60.177	22.980	182.6	.35986	29.060

#1	1.3739	.70214	-.00049	.00009	.06171	-.0024	.03781	1.2504
#2	1.3684	.71237	.00133	.00022	.04446	.0003	.03762	1.8971

Sample Name: J5033-24LX5 Acquired: 9/28/2018 14:11:43 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .20411
Stddev .00349
%RSD 1.7099

#1 .20165
#2 .20658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.8	65805.	4529.7	113.94	4528.3
Stddev	4.0	147.	14.6	1.86	.6
%RSD	.12466	.22352	.32165	1.6325	.01266

#1	3204.9	65701.	4540.0	112.62	4527.8
#2	3210.6	65909.	4519.4	115.25	4528.7

Sample Name: J5033-24MS Acquired: 9/28/2018 14:15:46 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.79253	1.9406	.97090	1.9427	.76483	1.9488	.26669	.19044	.19636
Stddev	.00341	.0034	.00114	.0017	.00156	.0065	.00003	.00010	.00043
%RSD	.43081	.17443	.11746	.08666	.20424	.33546	.01246	.05409	.22071

#1	.79011	1.9382	.97010	1.9415	.76372	1.9534	.26666	.19051	.19605
#2	.79494	1.9430	.97171	1.9439	.76593	1.9441	.26671	.19036	.19666

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.997	.44170	.19227	.29452	2.9539	.20242	11.424	.49027	.06889
Stddev	.035	.00125	.00089	.00066	.0510	.00040	.035	.00171	.00088
%RSD	.12231	.28283	.46379	.22540	1.7266	.19578	.31037	.34818	1.2840

#1	28.972	.44258	.19164	.29405	2.9179	.20214	11.449	.48907	.06951
#2	29.022	.44082	.19290	.29499	2.9900	.20270	11.399	.49148	.06826

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	148.49	.29947	.24976	13.510	.40419	.33178	6.9802	4.4094	.67342
Stddev	.39	.00122	.00348	.056	.00092	.00601	.0037	.0288	.00195
%RSD	.26253	.40590	1.3925	.41351	.22779	1.8100	.05295	.65242	.28977

#1	148.76	.30033	.24730	13.550	.40354	.32753	6.9776	4.4297	.67204
#2	148.21	.29861	.25222	13.471	.40484	.33603	6.9828	4.3891	.67480

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20270	1.7751	5.610	.37850	5.0104	1.6576
Stddev	.00142	.0047	.013	.00095	.2256	.7714
%RSD	.69891	.26392	.2372	.25210	4.5026	46.539

#1	.20370	1.7718	5.601	.37917	5.1699	1.1121
#2	.20170	1.7784	5.620	.37782	4.8508	2.2031

Sample Name: J5033-24MS Acquired: 9/28/2018 14:15:46 Type: Unk
Method: P4-ICP2(v2464) 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	3058.9	62687.	4364.8	108.05	4168.8
Stddev	.7	290.	18.4	1.28	4.6
%RSD	.02387	.46206	.42048	1.1890	.11101
#1	3059.5	62482.	4351.8	108.96	4172.1
#2	3058.4	62892.	4377.7	107.14	4165.5

Sample Name: J5033-24MSD Acquired: 9/28/2018 14:19:35 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.79382	1.9207	.96569	1.9376	.76217	1.9123	.25645	.18662	.19518
Stddev	.00330	.0024	.00369	.0057	.00216	.0565	.01176	.00766	.00060
%RSD	.41621	.12365	.38257	.29282	.28295	2.9540	4.5855	4.1029	.30547

#1	.79149	1.9190	.96308	1.9417	.76369	1.9523	.26476	.19203	.19476
#2	.79616	1.9224	.96830	1.9336	.76064	1.8724	.24813	.18120	.19560

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.245	.43384	.19128	.29565	2.8414	.19868	10.960	.48970	.06841
Stddev	1.169	.01538	.00022	.00087	.1214	.00729	.453	.00020	.00370
%RSD	4.1386	3.5457	.11726	.29334	4.2713	3.6697	4.1296	.04173	5.4094

#1	29.071	.44472	.19112	.29626	2.9272	.20384	11.280	.48956	.07102
#2	27.418	.42296	.19144	.29503	2.7556	.19353	10.640	.48985	.06579

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	144.21	.29566	.24101	13.126	.40330	.33109	6.8894	4.3096	.66811
Stddev	5.90	.01041	.00652	.550	.00059	.00506	.0261	.1414	.00107
%RSD	4.0901	3.5200	2.7068	4.1880	.14573	1.5288	.37927	3.2803	.16072

#1	148.38	.30302	.24563	13.515	.40371	.32751	6.8709	4.4096	.66735
#2	140.04	.28830	.23640	12.737	.40288	.33467	6.9078	4.2097	.66887

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19659	1.7663	5.561	.36719	3.2617	1.8667
Stddev	.00769	.0659	.007	.01623	2.9623	.8781
%RSD	3.9125	3.7281	.1226	4.4208	90.823	47.043

#1	.20203	1.8128	5.556	.37867	5.3563	1.2457
#2	.19115	1.7197	5.566	.35572	1.1670	2.4876

Sample Name: J5033-24MSD Acquired: 9/28/2018 14:19:35 Type: Unk
Method: P4-ICP2(v2464) 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	3051.4	63821.	4485.3	111.74	4174.1
Stddev	11.3	2293.	166.4	3.18	6.0
%RSD	.37003	3.5920	3.7090	2.8495	.14438
#1	3043.4	62200.	4367.6	109.49	4178.4
#2	3059.4	65442.	4602.9	113.99	4169.8

Sample Name: J5033-24A Acquired: 9/28/2018 14:23:24 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.79056	1.9276	.96988	1.9476	.76084	1.9508	.26381	.18960	.19583
Stddev	.00062	.0079	.00208	.0204	.00744	.0092	.00244	.00054	.00102
%RSD	.07869	.40842	.21430	1.0469	.97766	.47253	.92318	.28221	.52315

#1	.79013	1.9332	.97135	1.9620	.76610	1.9573	.26209	.18998	.19655
#2	.79100	1.9220	.96841	1.9332	.75558	1.9443	.26553	.18922	.19511

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.113	.44167	.19201	.29479	2.9523	.20177	11.303	.49068	.06849
Stddev	.171	.00108	.00129	.00048	.0564	.00061	.092	.00040	.00011
%RSD	.58730	.24503	.67333	.16337	1.9093	.30470	.81038	.08194	.16657

#1	28.992	.44243	.19293	.29513	2.9124	.20220	11.239	.49097	.06841
#2	29.234	.44090	.19110	.29445	2.9921	.20133	11.368	.49040	.06857

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	148.91	.30011	.25087	13.548	.40392	.33250	6.9269	4.3663	.67209
Stddev	1.31	.00036	.00330	.105	.00171	.01314	.0194	.0041	.00248
%RSD	.87668	.11840	1.3156	.77608	.42447	3.9531	.28080	.09421	.36897

#1	147.98	.30036	.24854	13.474	.40513	.34180	6.9406	4.3692	.67385
#2	149.83	.29986	.25321	13.623	.40271	.32321	6.9131	4.3634	.67034

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20382	1.8192	5.587	.38066	4.0096	1.7346
Stddev	.00269	.0095	.028	.00328	.6457	.1007
%RSD	1.3182	.52503	.4985	.86062	16.104	5.8051

#1	.20193	1.8124	5.607	.37835	4.4662	1.8058
#2	.20572	1.8259	5.567	.38298	3.5531	1.6634

Sample Name: J5033-24A Acquired: 9/28/2018 14:23:24 Type: Unk
Method: P4-ICP2(v2464) 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	3054.7	62940.	4404.1	107.25	4161.2
Stddev	13.8	187.	13.1	1.41	18.9
%RSD	.45080	.29684	.29659	1.3110	.45443
#1	3045.0	62808.	4413.4	108.24	4147.8
#2	3064.5	63072.	4394.9	106.25	4174.6

Sample Name: J5033-02 Acquired: 9/28/2018 14:36:50 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00038	-.00084	.00632	-.00103	.64799	.06179	.00003
Stddev	.00011	.00133	.00168	.00186	.00003	.02912	.00226	.00002
%RSD	6.4823	348.72	200.03	29.483	2.9993	4.4936	3.6652	63.865

#1	.00160	-.00056	.00035	.00764	-.00105	.62740	.06339	.00001
#2	.00176	.00133	-.00202	.00500	-.00101	.66858	.06019	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	27.221	.06779	.00032	.00776	.17187	.05264	9.2131
Stddev	.00005	.413	.00138	.00000	.00048	.00286	.00032	.0849
%RSD	124.34	1.5163	2.0419	.12459	6.2314	1.6624	.59909	.92179

#1	-.00008	27.513	.06681	.00032	.00811	.17390	.05242	9.2731
#2	-.00000	26.929	.06877	.00032	.00742	.16985	.05286	9.1530

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01512	-.00061	140.90	.00021	.27293	3.4460	.00273	.05343
Stddev	.00029	.00059	3.72	.00086	.01363	.0020	.00037	.01260
%RSD	1.9047	97.200	2.6383	406.05	4.9925	.05746	13.469	23.576

#1	.01492	-.00103	143.53	-.00040	.28256	3.4446	.00247	.06234
#2	.01533	-.00019	138.27	.00082	.26329	3.4474	.00300	.04452

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6570	3.8862	-.00106	.01124	.08686	.0033	.18544	3.0823
Stddev	.0023	.0852	.00029	.00277	.00650	.0008	.00353	.7265
%RSD	.03489	2.1911	27.812	24.649	7.4856	23.88	1.9015	23.570

#1	6.6586	3.9464	-.00126	.01320	.09146	.0027	.18793	3.5960
#2	6.6553	3.8260	-.00085	.00928	.08226	.0039	.18295	2.5686

Sample Name: J5033-02 Acquired: 9/28/2018 14:36:50 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .35498
Stddev .63984
%RSD 180.25

#1 .80742
#2 -.09745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.4	63244.	4408.6	107.46	4220.9
Stddev	12.3	233.	113.3	5.71	17.8
%RSD	.39916	.36919	2.5694	5.3131	.42273

#1	3083.6	63079.	4328.5	103.42	4208.3
#2	3101.1	63409.	4488.7	111.50	4233.5

Sample Name: J5033-02DUP Acquired: 9/28/2018 14:40:51 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00050	-.00102	.00574	-.00118	.62948	.06121	.00007
Stddev	.00285	.00007	.00154	.00247	.00104	.03909	.00098	.00004
%RSD	197.17	13.311	150.90	43.045	88.195	6.2101	1.5929	57.180

#1	-.00057	.00045	.00007	.00399	-.00044	.65712	.06190	.00009
#2	.00346	.00055	-.00211	.00749	-.00191	.60184	.06052	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	26.696	.07531	.00028	.00767	.19421	.05107	8.9867
Stddev	.00006	.075	.00013	.00005	.00043	.00502	.00013	.0589
%RSD	691.71	.28198	.16799	18.096	5.5457	2.5847	.24988	.65516

#1	-.00003	26.750	.07522	.00032	.00737	.19066	.05116	9.0283
#2	.00005	26.643	.07540	.00025	.00797	.19775	.05098	8.9450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02004	-.00037	138.40	.00085	.25739	3.4070	.00388	.06148
Stddev	.00034	.00068	.23	.00010	.00178	.0202	.00035	.00310
%RSD	1.6821	186.25	.16721	11.945	.69116	.59233	9.1490	5.0386

#1	.01980	.00012	138.57	.00078	.25865	3.4212	.00413	.05929
#2	.02028	-.00085	138.24	.00092	.25614	3.3927	.00363	.06367

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6717	3.8417	-.00095	.01535	.09302	.0023	.18185	4.0669
Stddev	.0149	.0509	.00061	.00833	.00558	.0002	.00118	.2807
%RSD	.22304	1.3256	63.796	54.280	5.9963	10.08	.64971	6.9016

#1	6.6611	3.8777	-.00139	.02124	.08908	.0021	.18269	4.2654
#2	6.6822	3.8057	-.00052	.00946	.09697	.0024	.18102	3.8684

Sample Name: J5033-02DUP Acquired: 9/28/2018 14:40:51 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2216
Stddev	.5486
%RSD	44.904

#1	1.6095
#2	.83373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.1	63366.	4411.2	107.78	4242.8
Stddev	8.7	56.	27.8	1.02	4.6
%RSD	.28060	.08759	.62991	.94209	.10891

#1	3089.9	63326.	4391.6	107.06	4239.5
#2	3102.2	63405.	4430.9	108.50	4246.0

Sample Name: J5033-02LX5 Acquired: 9/28/2018 14:44:52 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00397	.00107	-.00140	-.00250	-.00024	.13452	.01134	.00009
Stddev	.00259	.00041	.00078	.00110	.00109	.01252	.00150	.00001
%RSD	65.410	38.080	55.820	44.160	459.47	9.3093	13.229	6.5506

#1	.00580	.00078	-.00085	-.00172	-.00101	.14338	.01240	.00008
#2	.00213	.00135	-.00196	-.00328	.00053	.12567	.01028	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	6.1394	.01029	-.00016	.00118	.02576	.01175	2.0613
Stddev	.00013	.0626	.00029	.00009	.00042	.00494	.00013	.0795
%RSD	371.06	1.0194	2.8201	52.541	35.647	19.181	1.0703	3.8588

#1	-.00013	6.1836	.01009	-.00022	.00089	.02227	.01184	2.1175
#2	.00006	6.0951	.01050	-.00010	.00148	.02926	.01166	2.0050

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00055	31.646	.00038	.06029	.80867	.00014	.00265
Stddev	.00004	.00108	.177	.00010	.00029	.00167	.00024	.00635
%RSD	3.9175	194.77	.56088	26.328	.47775	.20655	169.67	239.85

#1	.00095	-.00131	31.521	.00031	.06050	.80985	.00032	.00713
#2	.00100	.00021	31.772	.00045	.06009	.80749	-.00003	-.00184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4173	.88173	-.00038	.00220	.07895	.0022	.04156	1.7976
Stddev	.0205	.00839	.00017	.00375	.00213	.0003	.00016	.4661
%RSD	1.4473	.95156	45.026	170.74	2.6992	14.83	.39213	25.930

#1	1.4318	.88767	-.00026	-.00046	.07745	.0020	.04168	2.1272
#2	1.4028	.87580	-.00049	.00485	.08046	.0024	.04145	1.4680

Sample Name: J5033-02LX5 Acquired: 9/28/2018 14:44:52 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.19657
Stddev	.48263
%RSD	245.52

#1	-.14470
#2	.53785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.7	65769.	4528.0	113.42	4518.3
Stddev	4.1	278.	40.8	.56	5.4
%RSD	.12706	.42331	.90142	.49768	.11901

#1	3213.6	65572.	4556.8	113.82	4514.5
#2	3207.8	65966.	4499.1	113.02	4522.1

Sample Name: CCV04 Acquired: 9/28/2018 14:48:54 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	4.7882	4.8647	4.8555	4.7992	4.8912	9.6504	10.011	.24143
Stddev	.0088	.0023	.0078	.0088	.0081	.0968	.019	.00004
%RSD	.18466	.04789	.16151	.18412	.16641	1.0029	.18505	.01520
#1	4.7944	4.8631	4.8611	4.7929	4.8970	9.7189	9.9975	.24141
#2	4.7819	4.8663	4.8500	4.8054	4.8855	9.5820	10.024	.24146
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4217	24.788	.97484	2.4298	1.2268	4.8931	2.4452	24.478
Stddev	.0047	.001	.00212	.0030	.0008	.0254	.0012	.068
%RSD	.19409	.00295	.21793	.12453	.06151	.51920	.04782	.27960
#1	2.4251	24.787	.97333	2.4320	1.2262	4.9111	2.4460	24.527
#2	2.4184	24.788	.97634	2.4277	1.2273	4.8751	2.4444	24.430
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4412	1.2312	24.896	2.4412	2.4958	25.042	4.9193	4.9227
Stddev	.0069	.0027	.074	.0037	.0059	.000	.0027	.0212
%RSD	.28457	.21600	.29699	.15263	.23817	.00025	.05460	.42976
#1	2.4461	1.2293	24.844	2.4386	2.5000	25.042	4.9212	4.9377
#2	2.4363	1.2331	24.949	2.4438	2.4916	25.041	4.9174	4.9078
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7348	4.8912	4.8439	4.9540	4.6008	4.921	4.9762	F 2.6363
Stddev	.0012	.0450	.0108	.0180	.0076	.017	.0070	.6728
%RSD	.02532	.91978	.22380	.36242	.16587	.3415	.14089	25.523
#1	4.7339	4.8593	4.8515	4.9667	4.5954	4.933	4.9713	3.1120
#2	4.7356	4.9230	4.8362	4.9413	4.6062	4.909	4.9812	2.1605

Sample Name: CCV04 Acquired: 9/28/2018 14:48:54 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8622
Stddev .7816
%RSD 27.308

#1 3.4149
#2 2.3095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.5	64369.	4475.8	107.86	4190.5
Stddev	6.0	279.	11.8	.39	13.1
%RSD	.19130	.43385	.26432	.36219	.31312

#1	3125.3	64171.	4484.2	107.58	4181.2
#2	3133.8	64566.	4467.5	108.13	4199.8

Sample Name: CCB04 Acquired: 9/28/2018 14:52:37 Type: Unk
Method: P4-ICP2(v2464) 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	.00163	.00185	-.00058	.00183	.00093	.00071	-.00242
Stddev	.00189	.00171	.00027	.00145	.00208	.01803	.00028
%RSD	116.00	92.596	47.264	79.468	223.70	2526.4	11.477

#1	.00296	.00064	-.00038	.00080	.00239	-.01203	-.00262
#2	.00029	.00306	-.00077	.00286	-.00054	.01346	-.00223

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00003	-.00730	-.00018	-.00006	-.00023	-.00186
Stddev	.00004	.00010	.01412	.00008	.00002	.00043	.00491
%RSD	4995.8	378.27	193.37	45.538	39.728	184.18	263.86

#1	-.00003	-.00010	-.01728	-.00024	-.00004	-.00054	.00161
#2	.00003	.00005	.00268	-.00012	-.00007	.00007	-.00533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.04094	.00048	-.00003	.04293	.00031	-.00053
Stddev	.00000	.00353	.00033	.00038	.00427	.00083	.00001
%RSD	1.7267	8.6232	68.166	1152.8	9.9375	269.18	2.4668

#1	-.00009	.04344	.00071	.00024	.04594	-.00028	-.00052
#2	-.00009	.03845	.00025	-.00030	.03991	.00090	-.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03737	.00012	-.00048	-.00520	-.00212	-.00041	-.00122
Stddev	.00130	.00024	.00231	.00161	.00070	.00081	.00043
%RSD	3.4894	195.43	483.52	30.987	33.151	198.34	34.838

#1	.03829	.00029	.00115	-.00634	-.00262	-.00098	-.00152
#2	.03644	-.00005	-.00211	-.00406	-.00162	.00016	-.00092

Sample Name: CCB04 Acquired: 9/28/2018 14:52:37 Type: Unk
Method: P4-ICP2(v2464) 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 .06428	.0007	.00004	F .51612	F<.00000
Stddev	.00375	.0016	.00011	.14700	.21570
%RSD	5.8406	233.3	291.00	28.482	45.767

#1	.06694	.0018	.00011	.41218	-.62382
#2	.06163	-.0004	-.00004	.62007	-.31878

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.6	67244.	4536.9	115.86	4702.7
Stddev	18.0	40.	29.2	.30	15.6
%RSD	.55048	.06011	.64305	.26261	.33212

#1	3258.9	67273.	4516.3	116.08	4691.7
#2	3284.3	67216.	4557.6	115.65	4713.8

Sample Name: J5033-02MS Acquired: 9/28/2018 14:56:40 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.79352	1.9407	.97427	1.9611	.76636	2.4868	.26026	.18911	.19697
Stddev	.00248	.0154	.00029	.0034	.00018	.0135	.00036	.00021	.00026
%RSD	.31211	.79489	.02939	.17536	.02405	.54136	.13739	.11073	.13250

#1	.79528	1.9298	.97407	1.9587	.76623	2.4773	.26001	.18926	.19679
#2	.79177	1.9516	.97447	1.9636	.76649	2.4963	.26052	.18896	.19716

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.512	.45389	.19171	.29908	2.9916	.24528	10.920	.49344	.06954
Stddev	.057	.00003	.00024	.00159	.0327	.00049	.001	.00104	.00003
%RSD	.20807	.00743	.12422	.52998	1.0942	.19866	.00980	.20981	.04036

#1	27.472	.45391	.19154	.29796	2.9684	.24494	10.921	.49271	.06952
#2	27.553	.45386	.19188	.30020	3.0147	.24562	10.920	.49417	.06956

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	138.71	.29784	.44365	13.306	.40301	.35744	6.6521	4.6704	.67104
Stddev	.12	.00101	.00439	.032	.00081	.01574	.0015	.0320	.00168
%RSD	.08589	.34008	.98873	.23787	.20127	4.4028	.02289	.68454	.25042

#1	138.63	.29855	.44055	13.283	.40244	.34631	6.6531	4.6478	.67223
#2	138.79	.29712	.44675	13.328	.40358	.36857	6.6510	4.6930	.66985

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20860	1.8181	5.634	.36392	4.6018	1.5534
Stddev	.00247	.0078	.028	.00071	.2212	.6671
%RSD	1.1818	.43061	.5020	.19638	4.8061	42.944

#1	.20686	1.8125	5.614	.36341	4.4455	1.0817
#2	.21035	1.8236	5.654	.36442	4.7582	2.0251

Sample Name: J5033-02MS Acquired: 9/28/2018 14:56:40 Type: Unk
Method: P4-ICP2(v2464) 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	3070.7	63070.	4416.3	109.72	4180.1
Stddev	7.6	344.	11.8	.78	5.5
%RSD	.24621	.54479	.26695	.71212	.13112
#1	3065.4	62827.	4408.0	110.27	4176.2
#2	3076.0	63313.	4424.6	109.17	4184.0

Sample Name: J5033-02MSD Acquired: 9/28/2018 15:00:26 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.79277	1.9508	.97328	1.9343	.76025	2.4517	.25939	.18992	.19683
Stddev	.00259	.0141	.00874	.0123	.00383	.0011	.00019	.00000	.00172
%RSD	.32629	.72280	.89766	.63649	.50393	.04390	.07501	.00112	.87419

#1	.79459	1.9408	.96711	1.9256	.75754	2.4525	.25925	.18992	.19561
#2	.79094	1.9607	.97946	1.9430	.76296	2.4510	.25952	.18992	.19805

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.621	.45675	.19202	.29801	3.0351	.24482	10.802	.49324	.07013
Stddev	.120	.00001	.00164	.00182	.0224	.00080	.034	.00321	.00066
%RSD	.43541	.00216	.85545	.61183	.73701	.32487	.31514	.65001	.94654

#1	27.536	.45674	.19085	.29672	3.0193	.24538	10.826	.49098	.07060
#2	27.706	.45675	.19318	.29930	3.0510	.24425	10.778	.49551	.06966

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	140.02	.29752	.45315	13.242	.40073	.34810	6.6460	4.7195	.67347
Stddev	.05	.00160	.00534	.046	.00349	.00310	.0213	.0586	.00552
%RSD	.03825	.53622	1.1778	.34598	.86993	.89188	.32116	1.2409	.82035

#1	140.06	.29865	.44937	13.210	.39826	.35029	6.6309	4.6780	.66956
#2	139.99	.29640	.45692	13.275	.40319	.34590	6.6611	4.7609	.67738

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20736	1.8017	5.623	.36826	3.6359	1.4675
Stddev	.00230	.0367	.042	.00108	.4807	.0153
%RSD	1.1077	2.0400	.7433	.29256	13.220	1.0433

#1	.20573	1.7758	5.594	.36902	3.9758	1.4784
#2	.20898	1.8277	5.653	.36750	3.2960	1.4567

Sample Name: J5033-02MSD Acquired: 9/28/2018 15:00:26 Type: Unk
Method: P4-ICP2(v2464) 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	3088.3	63364.	4413.8	107.70	4181.7
Stddev	1.7	149.	30.3	1.11	1.5
%RSD	.05409	.23500	.68562	1.0267	.03533
#1	3087.1	63258.	4435.2	108.48	4182.7
#2	3089.5	63469.	4392.4	106.92	4180.6

Sample Name: J5033-02A Acquired: 9/28/2018 15:04:12 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.78483	1.9439	.96876	1.9277	.75773	2.4418	.25976	.18981	.19617
Stddev	.00270	.0015	.00262	.0060	.00123	.0007	.00219	.00052	.00012
%RSD	.34389	.07545	.27009	.30856	.16223	.02704	.84466	.27335	.05867

#1	.78674	1.9428	.96690	1.9319	.75686	2.4413	.26131	.18944	.19608
#2	.78292	1.9449	.97061	1.9235	.75860	2.4423	.25820	.19017	.19625

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.609	.45762	.19105	.29662	2.9717	.24500	10.874	.49169	.06957
Stddev	.106	.00124	.00055	.00012	.0010	.00091	.160	.00149	.00093
%RSD	.38538	.27054	.28951	.03969	.03320	.37024	1.4745	.30351	1.3361

#1	27.684	.45675	.19066	.29653	2.9724	.24436	10.988	.49064	.06891
#2	27.533	.45850	.19144	.29670	2.9710	.24564	10.761	.49275	.07022

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	140.45	.29759	.43940	13.195	.39845	.34304	6.5832	4.7125	.67353
Stddev	.66	.00131	.00083	.057	.00033	.01081	.0225	.0289	.00121
%RSD	.46997	.44034	.18996	.43394	.08357	3.1514	.34134	.61338	.17970

#1	140.91	.29666	.43999	13.235	.39868	.33539	6.5674	4.7329	.67268
#2	139.98	.29852	.43881	13.154	.39821	.35068	6.5991	4.6920	.67439

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21020	1.7833	5.587	.36927	3.0959	1.1439
Stddev	.00247	.0073	.015	.00040	.1994	.0164
%RSD	1.1765	.40787	.2607	.10921	6.4408	1.4378

#1	.21194	1.7885	5.577	.36955	3.2369	1.1555
#2	.20845	1.7782	5.598	.36898	2.9549	1.1322

Sample Name: J5033-02A Acquired: 9/28/2018 15:04:12 Type: Unk
Method: P4-ICP2(v2464) 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	3102.8	63423.	4412.0	110.99	4198.0
Stddev	8.7	109.	41.3	.18	5.1
%RSD	.28028	.17205	.93681	.16271	.12253
#1	3096.7	63346.	4382.7	110.86	4194.3
#2	3109.0	63500.	4441.2	111.12	4201.6

Sample Name: PB113242BL Acquired: 9/28/2018 15:07:59 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00451	.00081	-.00125	.00104	.00063	.00697	-.00198	.00003
Stddev	.00431	.00099	.00011	.00106	.00205	.00053	.00054	.00006
%RSD	95.631	122.35	9.0536	102.51	324.60	7.6504	27.323	188.64

#1	.00756	.00011	-.00133	.00179	-.00082	.00735	-.00236	.00007
#2	.00146	.00151	-.00117	.00029	.00208	.00659	-.00160	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00786	-.00036	-.00017	-.00035	-.00921	-.00011	-.01696
Stddev	.00005	.01180	.00008	.00002	.00006	.00683	.00004	.02561
%RSD	433.75	150.00	22.354	12.251	18.438	74.164	31.814	150.94

#1	-.00005	-.01620	-.00031	-.00015	-.00030	-.01404	-.00009	.00114
#2	.00002	.00048	-.00042	-.00018	-.00039	-.00438	-.00014	-.03507

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00054	.07088	.00017	-.00044	.05281	-.00001	-.00008
Stddev	.00021	.00062	.01777	.00014	.00007	.01736	.00001	.00060
%RSD	33.164	115.61	25.068	85.992	15.824	32.879	149.32	740.13

#1	.00049	-.00098	.05832	.00007	-.00049	.06509	-.00001	-.00051
#2	.00079	-.00010	.08345	.00027	-.00039	.04053	.00000	.00034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00269	-.00125	-.00031	-.00164	.06768	.0008	.00007	<.00000
Stddev	.00094	.00150	.00086	.00049	.00684	.0003	.00002	.00082
%RSD	35.115	120.02	281.89	30.051	10.102	32.05	25.355	1.7522

#1	-.00335	-.00232	.00030	-.00129	.07251	.0010	.00006	-.04723
#2	-.00202	-.00019	-.00092	-.00199	.06285	.0007	.00008	-.04608

Sample Name: PB113242BL Acquired: 9/28/2018 15:07:59 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .66687
%RSD 170.86

#1 -.86186
#2 .08124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.7	67469.	4585.4	112.51	4703.6
Stddev	4.0	213.	37.4	1.63	.5
%RSD	.12174	.31570	.81471	1.4526	.01095

#1	3270.9	67318.	4559.0	111.36	4703.3
#2	3276.6	67620.	4611.8	113.67	4704.0

Sample Name: PB113242BS Acquired: 9/28/2018 15:12:02 Type: Unk
Method: P4-ICP2(v2464) 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	.81456	2.1182	1.0472	2.0130	.80596	2.0262	.21774
Stddev	.00124	.0015	.0039	.0134	.00556	.0076	.00067
%RSD	.15245	.07110	.37475	.66728	.69017	.37682	.30790

#1	.81544	2.1171	1.0445	2.0225	.80989	2.0208	.21822
#2	.81369	2.1193	1.0500	2.0035	.80202	2.0316	.21727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19593	.20587	1.1452	.42261	.20466	.31956	3.1445
Stddev	.00071	.00048	.0040	.00080	.00032	.00080	.1176
%RSD	.36197	.23190	.34941	.18935	.15595	.24896	3.7399

#1	.19543	.20553	1.1424	.42318	.20489	.31900	3.2277
#2	.19643	.20621	1.1481	.42204	.20444	.32013	3.0614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21767	2.1929	.51235	.07296	3.3510	.31813	.22379
Stddev	.00146	.0377	.00098	.00024	.0029	.00051	.01055
%RSD	.67281	1.7217	.19106	.32809	.08509	.15929	4.7139

#1	.21664	2.1662	.51166	.07279	3.3530	.31778	.23125
#2	.21871	2.2196	.51304	.07312	3.3489	.31849	.21633

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.963	.42644	.30844	F -.00190	.93872	.69640	.21601
Stddev	.043	.00037	.01029	.00262	.01466	.00116	.00226
%RSD	.39391	.08601	3.3372	138.06	1.5621	.16692	1.0475

#1	10.993	.42670	.30116	-.00375	.94909	.69558	.21441
#2	10.932	.42618	.31571	-.00005	.92835	.69722	.21761

Sample Name: PB113242BS Acquired: 9/28/2018 15:12:02 Type: Unk
 Method: P4-ICP2(v2464) 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 2.0302	5.487	.20883	F 2.6787	F .35792
Stddev	.0047	.021	.00064	.6792	.16184
%RSD	.23160	.3777	.30666	25.356	45.216

#1	2.0269	5.502	.20929	2.1984	.47235
#2	2.0336	5.472	.20838	3.1590	.24348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3201.9	66056.	4418.2	110.64	4529.3
Stddev	9.1	55.	38.0	5.10	6.3
%RSD	.28561	.08304	.86112	4.6132	.13904

#1	3195.5	66095.	4391.3	107.03	4524.8
#2	3208.4	66017.	4445.1	114.25	4533.7

Sample Name: PB113232BL Acquired: 9/28/2018 15:15:50 Type: Unk
Method: P4-ICP2(v2464) 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	.00243	.00224	-.00126	.00269	.00090	.00094	-.00272
Stddev	.00011	.00010	.00040	.00166	.00060	.00603	.00037
%RSD	4.4402	4.6438	32.042	61.663	66.793	641.27	13.729

#1	.00235	.00232	-.00154	.00386	.00132	-.00332	-.00298
#2	.00250	.00217	-.00097	.00152	.00047	.00520	-.00245

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00002	-.01259	-.00016	-.00015	-.00010	-.00054
Stddev	.00002	.00008	.01664	.00043	.00000	.00023	.01994
%RSD	41.136	329.72	132.22	262.36	1.4636	238.28	3691.2

#1	.00008	-.00003	-.00082	-.00047	-.00015	-.00026	-.01464
#2	.00004	.00008	-.02436	.00014	-.00015	.00007	.01356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00276	.00033	-.00063	.05147	.00014	-.00046
Stddev	.00007	.00847	.00027	.00005	.00025	.00029	.00008
%RSD	45.875	307.06	80.479	7.7102	.48752	210.06	16.828

#1	-.00019	-.00874	.00052	-.00066	.05165	-.00007	-.00051
#2	-.00010	.00323	.00014	-.00059	.05130	.00034	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	-.00008	-.00597	-.00432	.00243	-.00007	.00073
Stddev	.00026	.00011	.00692	.00154	.00286	.00064	.00028
%RSD	12.256	150.75	115.82	35.660	117.76	974.20	37.860

#1	.00235	.00001	-.00108	-.00541	.00041	-.00051	.00093
#2	.00197	-.00016	-.01087	-.00323	.00445	.00038	.00054

Sample Name: PB113232BL Acquired: 9/28/2018 15:15:50 Type: Unk
Method: P4-ICP2(v2464) 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 .07413	.0015	.00000	F .37315	F<.00000
Stddev	.01986	.0002	.00013	.27674	.13718
%RSD	26.794	10.01	8847.2	74.164	31.917

#1	.08817	.0014	.00009	.17746	-.33279
#2	.06008	.0016	-.00009	.56883	-.52679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.2	67388.	4546.4	114.01	4703.9
Stddev	1.0	112.	3.3	.43	8.3
%RSD	.02902	.16648	.07239	.37683	.17686

#1	3275.5	67308.	4544.1	113.71	4698.1
#2	3276.9	67467.	4548.7	114.31	4709.8

Sample Name: PB113232BS Acquired: 9/28/2018 15:19:54 Type: Unk
Method: P4-ICP2(v2464) 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	.77034	2.0214	.98296	1.9581	.75754	1.8961	.19755
Stddev	.00007	.0021	.00030	.0080	.00108	.0134	.00044
%RSD	.00905	.10516	.03090	.40895	.14315	.70593	.22058

#1	.77039	2.0229	.98317	1.9638	.75677	1.8867	.19724
#2	.77029	2.0199	.98274	1.9524	.75830	1.9056	.19786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19022	.19538	.98611	.39359	.18926	.30191	2.9709
Stddev	.00000	.00021	.00179	.00007	.00006	.00062	.0219
%RSD	.00001	.10782	.18118	.01719	.03387	.20623	.73863

#1	.19022	.19523	.98485	.39364	.18931	.30147	2.9554
#2	.19022	.19553	.98737	.39354	.18922	.30235	2.9865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20130	2.0220	.47851	.07051	3.0937	.29141	.20395
Stddev	.00091	.0191	.00017	.00009	.0004	.00024	.00164
%RSD	.45166	.94634	.03526	.12872	.01211	.08382	.80406

#1	.20066	2.0355	.47839	.07044	3.0935	.29158	.20511
#2	.20195	2.0084	.47863	.07057	3.0940	.29123	.20279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.058	.38750	.28341	F -.01228	.89477	.65091	.19722
Stddev	.020	.00011	.00346	.00018	.00645	.00053	.00083
%RSD	.19984	.02858	1.2219	1.4821	.72036	.08096	.42146

#1	10.072	.38742	.28096	-.01241	.89021	.65128	.19781
#2	10.044	.38758	.28586	-.01216	.89933	.65053	.19664

Sample Name: PB113232BS Acquired: 9/28/2018 15:19:54 Type: Unk
Method: P4-ICP2(v2464) 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 1.8583	5.227	.19311	F 1.2818	.75136
Stddev	.0053	.006	.00059	.0817	.35820
%RSD	.28693	.1120	.30468	6.3728	47.674

#1	1.8545	5.223	.19352	1.3396	.49807
#2	1.8620	5.231	.19269	1.2241	1.0046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.1	66755.	4543.8	109.95	4583.8
Stddev	1.0	70.	17.2	.90	1.4
%RSD	.02923	.10459	.37915	.82289	.03135

#1	3253.8	66705.	4531.6	109.31	4582.7
#2	3252.5	66804.	4556.0	110.59	4584.8

Sample Name: PB113319BL Acquired: 9/28/2018 15:23:42 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00326	.00036	-.00144	.00035	.00107	-.01221	-.00171	-.00010
Stddev	.00181	.00010	.00060	.00010	.00055	.00039	.00069	.00005
%RSD	55.693	26.634	41.521	29.031	51.955	3.1834	40.112	48.870

#1	.00454	.00043	-.00186	.00028	.00067	-.01194	-.00220	-.00007
#2	.00197	.00030	-.00102	.00043	.00146	-.01249	-.00123	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01183	-.00021	-.00023	-.00030	.00475	-.00016	.00731
Stddev	.00006	.00230	.00049	.00013	.00023	.00799	.00002	.07299
%RSD	471.60	19.431	235.83	58.824	78.305	168.09	13.569	998.18

#1	.00003	-.01021	.00014	-.00013	-.00013	.01040	-.00014	-.04430
#2	-.00005	-.01346	-.00055	-.00032	-.00046	-.00090	-.00017	.05892

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	-.00043	.04318	.00029	-.00051	.01473	.00012	-.01286
Stddev	.00030	.00035	.00347	.00021	.00008	.04214	.00020	.00201
%RSD	56.208	80.003	8.0409	71.350	16.064	286.14	174.67	15.635

#1	.00075	-.00019	.04564	.00014	-.00057	.04452	-.00003	-.01428
#2	.00032	-.00068	.04073	.00043	-.00045	-.01507	.00026	-.01144

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00400	-.00349	-.00002	.00053	F .06447	.0006	.00011	F .98711
Stddev	.00151	.00271	.00046	.00090	.01186	.0020	.00004	.09241
%RSD	37.757	77.686	2239.5	170.63	18.389	342.1	40.219	9.3614

#1	-.00506	-.00157	.00030	-.00011	.07286	.0020	.00008	.92177
#2	-.00293	-.00541	-.00034	.00116	.05609	-.0008	.00014	1.0525

Sample Name: PB113319BL Acquired: 9/28/2018 15:23:42 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .66666
Stddev .41746
%RSD 62.620

#1 .37147
#2 .96184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3294.5	67275.	4543.0	112.49	4735.6
Stddev	12.2	11.	2.3	2.10	20.6
%RSD	.37041	.01591	.05037	1.8657	.43446

#1	3303.1	67268.	4544.7	113.98	4750.1
#2	3285.8	67283.	4541.4	111.01	4721.0

Sample Name: PB113319BS Acquired: 9/28/2018 15:27:46 Type: Unk
Method: P4-ICP2(v2464) 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	.78759	2.0733	1.0133	1.9661	.77876	1.9265	.20656
Stddev	.00219	.0042	.0012	.0051	.00082	.0073	.00028
%RSD	.27825	.20470	.11793	.25995	.10467	.37976	.13702

#1	.78914	2.0763	1.0141	1.9625	.77934	1.9316	.20676
#2	.78604	2.0703	1.0124	1.9697	.77818	1.9213	.20636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18987	.19965	1.0563	.40183	.19670	.31002	2.9836
Stddev	.00144	.00067	.0261	.00211	.00014	.00028	.0207
%RSD	.75964	.33479	2.4720	.52514	.07162	.09040	.69459

#1	.19089	.20012	1.0748	.40332	.19680	.31022	2.9982
#2	.18885	.19917	1.0379	.40034	.19660	.30982	2.9689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20606	2.0767	.49376	.07148	3.1870	.29943	.20910
Stddev	.00070	.0445	.00090	.00137	.0182	.00174	.00222
%RSD	.34143	2.1429	.18190	1.9108	.57061	.58174	1.0598

#1	.20655	2.1082	.49439	.07245	3.1998	.30066	.21067
#2	.20556	2.0452	.49312	.07052	3.1741	.29820	.20753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.426	.40326	.28642	F -.00551	.90826	.66871	.20701
Stddev	.049	.00029	.00735	.00102	.01002	.00110	.00408
%RSD	.46668	.07145	2.5649	18.493	1.1030	.16495	1.9711

#1	10.391	.40346	.29161	-.00479	.91535	.66793	.20989
#2	10.460	.40305	.28122	-.00623	.90118	.66949	.20412

Sample Name: PB113319BS Acquired: 9/28/2018 15:27:46 Type: Unk
Method: P4-ICP2(v2464) 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 1.9452	5.342	.20013	F 1.4033	F .47010
Stddev	.0094	.012	.00046	.0227	.26684
%RSD	.48497	.2186	.22896	1.6195	56.762

#1	1.9519	5.350	.19980	1.3873	.65879
#2	1.9386	5.334	.20045	1.4194	.28142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.1	66837.	4483.7	111.40	4552.8
Stddev	7.7	361.	23.4	1.29	18.7
%RSD	.23717	.53994	.52244	1.1560	.41058

#1	3224.7	66582.	4467.1	110.49	4539.6
#2	3235.6	67092.	4500.2	112.31	4566.0

Sample Name: J4771-05 Acquired: 9/28/2018 15:31:35 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08037	-.01947	.41352	-.05508	.01770	209.09	2.1986
Stddev	.00481	.00018	.00564	.00107	.00214	1.29	.0107
%RSD	5.9798	.94737	1.3649	1.9478	12.088	.61928	.48894

#1	.08377	-.01934	.40953	-.05583	.01619	210.01	2.1910
#2	.07697	-.01960	.41751	-.05432	.01921	208.18	2.2062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02236	-.00257	76.523	.34980	.26385	.80377	551.41
Stddev	.00016	.00115	.451	.00189	.00077	.00128	14.22
%RSD	.73525	44.679	.58883	.53924	.29293	.15880	2.5789

#1	.02248	-.00338	76.204	.35113	.26439	.80467	561.46
#2	.02225	-.00176	76.842	.34847	.26330	.80286	541.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7356	103.07	.64608	.00660	8.4069	.37933	1.5923
Stddev	.0364	.90	.00126	.00141	.0483	.00280	.0378
%RSD	.41675	.87430	.19574	21.374	.57447	.73700	2.3752

#1	8.7614	102.44	.64698	.00760	8.3728	.38131	1.6191
#2	8.7099	103.71	.64519	.00560	8.4411	.37735	1.5656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.442	.00214	.31797	2.6636	9.4742	.04756	3.1461
Stddev	.097	.00049	.03416	.0188	.0895	.00165	.0024
%RSD	.39694	22.680	10.744	.70414	.94482	3.4648	.07710

#1	24.373	.00180	.34213	2.6769	9.4109	.04640	3.1478
#2	24.510	.00248	.29382	2.6504	9.5375	.04873	3.1444

Sample Name: J4771-05 Acquired: 9/28/2018 15:31:35 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.4385	6.987	.52968	F<.00000	78.651
Stddev	.0126	.002	.00208	.26233	1.102
%RSD	.23067	.0239	.39183	.51248	1.4014

#1	5.4473	6.986	.52821	-51.003	77.871
#2	5.4296	6.989	.53114	-51.374	79.430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.6	78335.	5728.5	110.08	3720.8
Stddev	1.2	372.	39.7	2.64	.7
%RSD	.03180	.47442	.69235	2.4028	.01877

#1	3769.4	78072.	5756.5	108.21	3720.3
#2	3767.7	78598.	5700.5	111.95	3721.3

Sample Name: CCV05 Acquired: 9/28/2018 15:35:38 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13911 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7422	4.8320	4.7960	4.7480	4.8404	9.6086	9.8996	.23990
Stddev	.0034	.0035	.0108	.0040	.0067	.0252	.0151	.00022
%RSD	.07280	.07325	.22563	.08322	.13761	.26240	.15248	.09202
#1	4.7446	4.8345	4.7883	4.7452	4.8451	9.6265	9.9103	.24005
#2	4.7397	4.8295	4.8037	4.7508	4.8357	9.5908	9.8889	.23974
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3977	24.427	.97772	2.4015	1.2110	4.8900	2.4424	24.300
Stddev	.0021	.067	.00151	.0020	.0009	.0383	.0019	.020
%RSD	.08717	.27404	.15477	.08422	.07295	.78394	.07617	.08386
#1	2.3963	24.474	.97665	2.4001	1.2116	4.9171	2.4411	24.314
#2	2.3992	24.379	.97879	2.4029	1.2104	4.8629	2.4438	24.285
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4047	1.2156	24.609	2.4319	2.4810	24.712	4.8647	4.8821
Stddev	.0016	.0032	.030	.0001	.0183	.048	.0001	.0177
%RSD	.06477	.25964	.12207	.00481	.73767	.19561	.00114	.36206
#1	2.4036	1.2178	24.630	2.4319	2.4940	24.746	4.8647	4.8696
#2	2.4058	1.2133	24.588	2.4320	2.4681	24.678	4.8647	4.8946
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6891	4.8528	4.7749	4.8901	4.5610	4.877	4.8975	F 3.6144
Stddev	.0074	.0033	.0097	.0079	.0274	.002	.0137	.0306
%RSD	.15858	.06799	.20265	.16226	.60159	.0460	.28046	.84609
#1	4.6944	4.8505	4.7680	4.8957	4.5416	4.876	4.9072	3.6360
#2	4.6839	4.8551	4.7817	4.8845	4.5804	4.879	4.8878	3.5927

Sample Name: CCV05 Acquired: 9/28/2018 15:35:38 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13911 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0552
Stddev .4103
%RSD 13.429

#1 3.3454
#2 2.7651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.0	64348.	4487.9	107.91	4215.5
Stddev	.6	33.	6.4	.83	1.2
%RSD	.01942	.05155	.14328	.77291	.02788

#1	3146.5	64371.	4492.4	107.32	4214.7
#2	3145.6	64324.	4483.3	108.50	4216.4

Sample Name: CCB05 Acquired: 9/28/2018 15:39:23 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13911 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	.00171	-.00062	.00289	.00113	-.00624	-.00257
Stddev	.00050	.00111	.00050	.00269	.00001	.00709	.00026
%RSD	21.070	64.683	81.384	92.993	.79816	113.67	9.9630

#1	.00273	.00249	-.00026	.00099	.00114	-.00122	-.00275
#2	.00202	.00093	-.00097	.00480	.00112	-.01126	-.00239

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	.00033	-.00060	.00000	.00008	.00164
Stddev	.00011	.00006	.00081	.00002	.00011	.00046	.00087
%RSD	1458.8	238.98	245.30	3.6829	15610.	556.96	52.870

#1	-.00009	.00007	.00090	-.00058	-.00008	-.00024	.00103
#2	.00007	-.00002	-.00024	-.00061	.00008	.00041	.00226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01152	.00029	-.00062	.02298	-.00037	-.00053
Stddev	.00002	.03471	.00032	.00011	.00311	.00013	.00003
%RSD	12.499	301.31	112.71	17.823	13.527	34.676	4.7157

#1	-.00014	.03606	.00006	-.00055	.02518	-.00046	-.00052
#2	-.00012	-.01302	.00052	-.00070	.02078	-.00028	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00595	.00053	-.00631	-.00407	.00337	-.00070	-.00163
Stddev	.01291	.00006	.00532	.00095	.00197	.00084	.00083
%RSD	217.10	10.947	84.392	23.414	58.351	120.40	51.078

#1	-.01508	.00057	-.00254	-.00340	.00477	-.00129	-.00222
#2	.00318	.00049	-.01007	-.00474	.00198	-.00010	-.00104

Sample Name: CCB05 Acquired: 9/28/2018 15:39:23 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13911 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02655	-.0002	-.00004	F 1.4142	F<.00000
Stddev	.01153	.0017	.00015	.5455	.26106
%RSD	43.431	674.9	354.74	38.575	187.12

#1	.01840	-.0014	.00006	1.0284	.04508
#2	.03471	.0009	-.00014	1.7999	-.32411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.5	66948.	4565.1	112.72	4742.2
Stddev	1.0	149.	15.0	.39	.6
%RSD	.03115	.22231	.32894	.34645	.01229

#1	3287.8	67054.	4575.7	112.44	4742.6
#2	3289.3	66843.	4554.5	113.00	4741.8

Sample Name: J4771-05DUP Acquired: 9/28/2018 15:43:27 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07954	-.02046	.41400	-.05516	.01785	211.43	2.2216
Stddev	.00373	.00202	.00822	.00037	.00081	.15	.0066
%RSD	4.6835	9.8851	1.9844	.66250	4.5574	.07053	.29849

#1	.07691	-.01903	.40819	-.05490	.01843	211.53	2.2262
#2	.08218	-.02189	.41981	-.05542	.01728	211.32	2.2169

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02245	-.00451	78.209	.34933	.26562	.80448	563.73
Stddev	.00007	.00203	.129	.00074	.00159	.00440	14.10
%RSD	.32996	45.065	.16488	.21190	.59949	.54754	2.5013

#1	.02251	-.00594	78.300	.34881	.26449	.80137	573.70
#2	.02240	-.00307	78.118	.34985	.26674	.80759	553.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9508	103.88	.64544	.00795	8.4298	.38572	1.6366
Stddev	.0179	.22	.00329	.00188	.0091	.00002	.0495
%RSD	.20009	.20997	.50953	23.595	.10770	.00516	3.0270

#1	8.9635	104.04	.64311	.00928	8.4362	.38571	1.6716
#2	8.9382	103.73	.64776	.00662	8.4234	.38574	1.6015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.504	.00229	.34730	2.7178	9.4658	.04792	3.0933
Stddev	.088	.00036	.01051	.0067	.0723	.00155	.0113
%RSD	.36109	15.721	3.0256	.24827	.76361	3.2342	.36646

#1	24.566	.00255	.35473	2.7131	9.5169	.04682	3.1013
#2	24.441	.00204	.33987	2.7226	9.4147	.04901	3.0853

Sample Name: J4771-05DUP Acquired: 9/28/2018 15:43:27 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.4654	7.033	.53152	F<.00000	78.555
Stddev	.0251	.030	.00117	.51876	1.639
%RSD	.46011	.4272	.22098	1.0462	2.0861

#1	5.4832	7.011	.53235	-49.951	79.713
#2	5.4476	7.054	.53069	-49.217	77.396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3775.2	77720.	5652.4	107.02	3734.6
Stddev	1.1	171.	35.6	3.18	5.0
%RSD	.02963	.21998	.62964	2.9726	.13387

#1	3776.0	77599.	5627.2	104.77	3738.2
#2	3774.4	77841.	5677.6	109.26	3731.1

Sample Name: J4771-05LX5 Acquired: 9/28/2018 15:47:28 Type: Unk
Method: P4-ICP2(v2464) 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	.02574	-.00539	.08774	-.01405	.00484	53.997	.58118
Stddev	.00238	.00085	.00217	.00092	.00200	.157	.00298
%RSD	9.2394	15.731	2.4680	6.5220	41.206	.29084	.51266

#1	.02742	-.00479	.08928	-.01340	.00343	53.886	.57907
#2	.02405	-.00598	.08621	-.01469	.00626	54.109	.58329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	-.00279	20.946	.10174	.05566	.22243	127.03
Stddev	.00003	.00017	.145	.00049	.00008	.00002	2.68
%RSD	.54813	6.0459	.69422	.47789	.14140	.00805	2.1110

#1	.00513	-.00267	20.843	.10208	.05561	.22242	125.14
#2	.00517	-.00291	21.048	.10139	.05572	.22244	128.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5051	27.722	.13900	-.00110	2.2335	.10187	.37090
Stddev	.0068	.332	.00008	.00007	.0151	.00016	.00615
%RSD	.27141	1.1966	.05646	6.4472	.67526	.15290	1.6572

#1	2.5003	27.488	.13894	-.00105	2.2228	.10198	.36656
#2	2.5099	27.957	.13905	-.00115	2.2442	.10176	.37525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4138	.00103	.04509	.54582	2.6298	.01014	.83541
Stddev	.0266	.00013	.00735	.00317	.0066	.00029	.00401
%RSD	.41390	13.051	16.312	.58008	.25223	2.8568	.48026

#1	6.3950	.00112	.03989	.54358	2.6251	.01035	.83825
#2	6.4325	.00093	.05029	.54805	2.6345	.00994	.83257

Sample Name: J4771-05LX5 Acquired: 9/28/2018 15:47:28 Type: Unk
 Method: P4-ICP2(v2464) 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	1.4725	1.451	.14247	F<.00000	33.696
Stddev	.0174	.005	.00021	.08526	.031
%RSD	1.1837	.3159	.14629	.99557	.09156

#1	1.4848	1.454	.14261	-8.6246	33.718
#2	1.4601	1.448	.14232	-8.5040	33.674

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.3	68549.	4830.6	111.97	4283.9
Stddev	5.9	116.	14.7	1.89	3.3
%RSD	.17605	.16877	.30504	1.6854	.07702

#1	3364.1	68631.	4841.0	113.30	4281.6
#2	3372.5	68467.	4820.2	110.64	4286.3

Sample Name: J4771-05MS Acquired: 9/28/2018 15:51:21 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78598	2.2502	1.5408	1.6909	.71408	209.16	2.3778
Stddev	.00271	.0040	.0043	.0034	.00232	.66	.0031
%RSD	.34502	.17811	.27864	.20096	.32496	.31645	.12881

#1	.78790	2.2531	1.5439	1.6933	.71572	209.63	2.3757
#2	.78406	2.2474	1.5378	1.6885	.71244	208.69	2.3800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19463	.22514	77.817	.67639	.48415	1.0427	560.27
Stddev	.00038	.00006	.209	.00065	.00106	.0036	5.38
%RSD	.19681	.02750	.26865	.09584	.21923	.34716	.96042

#1	.19436	.22510	77.669	.67593	.48490	1.0452	556.47
#2	.19490	.22519	77.965	.67685	.48340	1.0401	564.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8956	104.34	1.1777	.07428	11.042	.63384	1.8301
Stddev	.0130	.41	.0053	.00080	.041	.00075	.0194
%RSD	.14561	.39323	.44983	1.0754	.37243	.11904	1.0607

#1	8.8864	104.05	1.1739	.07371	11.013	.63437	1.8164
#2	8.9047	104.63	1.1814	.07484	11.071	.63331	1.8439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.424	.34999	.58406	2.6366	10.070	.82435	3.2639
Stddev	.206	.00112	.01470	.0024	.086	.00277	.0049
%RSD	.61489	.32097	2.5163	.09065	.85316	.33554	.15137

#1	33.278	.35078	.57367	2.6349	10.009	.82631	3.2604
#2	33.569	.34920	.59445	2.6383	10.131	.82239	3.2674

Sample Name: J4771-05MS Acquired: 9/28/2018 15:51:21 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	7.0853	13.37	.70130	F<.00000	76.277
Stddev	.0130	.03	.00106	.36237	.137
%RSD	.18299	.2441	.15169	.75403	.17985

#1	7.0761	13.39	.70055	-47.802	76.374
#2	7.0944	13.34	.70206	-48.315	76.180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.3	77533.	5588.0	105.96	3731.2
Stddev	7.4	194.	15.8	.99	3.6
%RSD	.19821	.24977	.28303	.93420	.09705

#1	3737.1	77396.	5599.2	106.66	3728.6
#2	3747.5	77670.	5576.8	105.26	3733.7

Sample Name: J4771-05MSD Acquired: 9/28/2018 15:55:17 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78481	2.2445	1.5508	1.7090	.71786	210.87	2.3918
Stddev	.00126	.0066	.0044	.0027	.00355	.18	.0027
%RSD	.16050	.29576	.28214	.15666	.49406	.08719	.11272

#1	.78570	2.2398	1.5477	1.7108	.71535	211.00	2.3937
#2	.78392	2.2492	1.5538	1.7071	.72037	210.74	2.3899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19491	.22767	77.874	.67514	.48454	1.0373	548.44
Stddev	.00010	.00021	.115	.00299	.00020	.0010	2.02
%RSD	.05051	.09150	.14792	.44333	.04106	.09475	.36887

#1	.19498	.22782	77.792	.67302	.48468	1.0366	547.01
#2	.19484	.22753	77.955	.67725	.48440	1.0379	549.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9299	104.33	1.1866	.07385	11.059	.63335	1.7948
Stddev	.0266	.04	.0018	.00016	.057	.00002	.0060
%RSD	.29774	.03398	.15356	.21146	.51349	.00283	.33725

#1	8.9111	104.31	1.1879	.07396	11.099	.63333	1.7905
#2	8.9487	104.36	1.1853	.07374	11.019	.63336	1.7991

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.582	.34917	.55684	2.6601	10.103	.82757	3.2715
Stddev	.107	.00222	.01174	.0130	.067	.00110	.0012
%RSD	.31758	.63480	2.1081	.48700	.66268	.13339	.03704

#1	33.657	.34761	.54854	2.6509	10.150	.82679	3.2707
#2	33.506	.35074	.56514	2.6692	10.056	.82835	3.2724

Sample Name: J4771-05MSD Acquired: 9/28/2018 15:55:17 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	7.1012	13.45	.70102	F<.00000	77.471
Stddev	.0240	.01	.00043	.88886	.446
%RSD	.33750	.0469	.06176	1.8801	.57588

#1	7.1181	13.46	.70133	-47.905	77.155
#2	7.0842	13.45	.70072	-46.648	77.786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3734.5	77132.	5564.5	108.08	3712.3
Stddev	5.5	48.	5.3	.53	4.1
%RSD	.14759	.06243	.09602	.48914	.11099

#1	3738.4	77098.	5560.7	108.46	3715.2
#2	3730.6	77167.	5568.3	107.71	3709.4

Sample Name: J4771-05A Acquired: 9/28/2018 15:59:13 Type: Unk
Method: P4-ICP2(v2464) 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	.78718	2.2639	1.5573	1.6945	.71967	208.08	2.3812
Stddev	.00176	.0159	.0149	.0122	.00233	.07	.0121
%RSD	.22404	.70098	.95338	.72202	.32378	.03204	.50735

#1	.78593	2.2527	1.5468	1.7032	.71802	208.13	2.3898
#2	.78842	2.2751	1.5678	1.6859	.72131	208.03	2.3727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19471	.22499	77.508	.67343	.48743	1.0399	563.03
Stddev	.00051	.00479	.056	.00323	.00299	.0079	34.60
%RSD	.26276	2.1304	.07213	.48018	.61380	.75812	6.1458

#1	.19507	.22160	77.548	.67114	.48531	1.0455	587.49
#2	.19435	.22838	77.469	.67571	.48954	1.0343	538.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8876	104.24	1.1776	.07392	11.042	.63155	1.8334
Stddev	.0149	.10	.0000	.00376	.081	.00261	.1185
%RSD	.16739	.09833	.00121	5.0807	.73666	.41289	6.4649

#1	8.8981	104.17	1.1776	.07658	11.100	.62971	1.9172
#2	8.8771	104.31	1.1776	.07127	10.984	.63339	1.7496

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.362	.35135	.58080	2.6547	10.213	.82905	3.2543
Stddev	.133	.00145	.05216	.0074	.038	.00180	.0044
%RSD	.39785	.41368	8.9803	.27931	.36879	.21707	.13570

#1	33.455	.35032	.61768	2.6599	10.240	.82778	3.2574
#2	33.268	.35237	.54392	2.6494	10.186	.83032	3.2512

Sample Name: J4771-05A Acquired: 9/28/2018 15:59:13 Type: Unk
 Method: P4-ICP2(v2464) 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	7.0560	13.36	.69849	F<.00000	76.449
Stddev	.0055	.03	.00266	.36439	.994
%RSD	.07820	.2431	.38098	.75100	1.3003

#1	7.0599	13.33	.70037	-48.263	75.746
#2	7.0521	13.38	.69661	-48.779	77.152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3755.3	77749.	5599.7	106.05	3729.6
Stddev	3.6	238.	16.9	6.71	15.1
%RSD	.09482	.30614	.30114	6.3308	.40535

#1	3757.8	77581.	5587.8	101.30	3740.3
#2	3752.7	77917.	5611.7	110.79	3718.9

Sample Name: J4776-05 Acquired: 9/28/2018 16:03:09 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02168	-.02172	.34153	-.02883	.00847	144.66	.75012
Stddev	.00287	.00063	.00089	.00152	.00037	.08	.00210
%RSD	13.259	2.8979	.26035	5.2760	4.3273	.05462	.27967

#1	.01965	-.02217	.34216	-.02775	.00821	144.72	.74864
#2	.02371	-.02128	.34090	-.02990	.00873	144.60	.75160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00735	-.00455	36.222	.25752	.15539	.60417	305.43
Stddev	.00009	.00008	.015	.00067	.00029	.00072	.67
%RSD	1.1667	1.7993	.04233	.25893	.18647	.11838	.22011

#1	.00729	-.00449	36.211	.25705	.15518	.60366	304.96
#2	.00741	-.00461	36.232	.25800	.15559	.60468	305.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3553	41.593	.23194	.00169	16.022	.47887	.78805
Stddev	.0149	.054	.00084	.00069	.068	.00191	.00136
%RSD	.27900	.12871	.36240	40.919	.42427	.39946	.17290

#1	5.3658	41.555	.23134	.00218	15.974	.47752	.78708
#2	5.3447	41.631	.23253	.00120	16.070	.48022	.78901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.051	.00034	.15481	6.2738	3.7227	.01655	3.6207
Stddev	.001	.00034	.01081	.0042	.0196	.00151	.0154
%RSD	.00795	100.24	6.9858	.06765	.52576	9.1263	.42412

#1	12.051	.00057	.14716	6.2768	3.7365	.01549	3.6099
#2	12.050	.00010	.16245	6.2708	3.7088	.01762	3.6316

Sample Name: J4776-05 Acquired: 9/28/2018 16:03:09 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2484	5.129	.16263	F<.00000	52.821
Stddev	.0113	.013	.00044	.31663	.204
%RSD	.90500	.2477	.26908	1.1508	.38672

#1	1.2404	5.120	.16232	-27.290	52.677
#2	1.2564	5.138	.16294	-27.738	52.965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.3	75833.	5476.9	110.14	4076.7
Stddev	3.6	151.	4.8	.10	8.8
%RSD	.09787	.19940	.08838	.09053	.21673

#1	3689.7	75726.	5480.3	110.21	4070.4
#2	3694.8	75940.	5473.4	110.07	4082.9

Sample Name: J4776-07 Acquired: 9/28/2018 16:07:10 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03007	-.02382	.98513	-.02697	.00623	129.91	.75873
Stddev	.00159	.00062	.00803	.00257	.00057	.32	.00393
%RSD	5.2774	2.6129	.81519	9.5311	9.1765	.24424	.51733

#1	.03120	-.02338	.97945	-.02879	.00583	129.68	.76151
#2	.02895	-.02426	.99081	-.02515	.00664	130.13	.75596

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00724	-.00343	123.99	.22276	.10666	.49725	275.27
Stddev	.00008	.00047	.36	.00027	.00123	.00414	2.46
%RSD	1.1700	13.848	.28944	.12133	1.1567	.83297	.89382

#1	.00730	-.00376	124.24	.22257	.10579	.49432	277.01
#2	.00719	-.00309	123.73	.22295	.10754	.50018	273.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5428	37.074	.21657	.00041	6.0723	.35764	.70990
Stddev	.0078	.020	.00175	.00004	.0374	.00130	.00790
%RSD	.17247	.05475	.80659	9.4981	.61631	.36246	1.1130

#1	4.5373	37.088	.21534	.00038	6.0988	.35672	.71549
#2	4.5483	37.060	.21781	.00044	6.0459	.35855	.70431

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.168	.00324	.12536	3.8859	3.6912	.01904	3.5332
Stddev	.041	.00021	.02099	.0410	.0124	.00131	.0047
%RSD	.22395	6.5225	16.747	1.0540	.33575	6.8598	.13238

#1	18.197	.00309	.14021	3.8569	3.6999	.01997	3.5299
#2	18.139	.00339	.11052	3.9149	3.6824	.01812	3.5365

Sample Name: J4776-07 Acquired: 9/28/2018 16:07:10 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3621	5.264	.26692	F<.00000	51.438
Stddev	.0044	.040	.00109	.35703	1.052
%RSD	.32206	.7664	.41019	1.8239	2.0450

#1	1.3652	5.236	.26770	-19.827	50.694
#2	1.3590	5.293	.26615	-19.322	52.182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.2	71511.	5266.1	110.07	4020.7
Stddev	6.7	71.	31.0	1.13	1.1
%RSD	.19400	.09914	.58923	1.0281	.02733

#1	3471.4	71561.	5244.1	109.27	4019.9
#2	3481.0	71461.	5288.0	110.87	4021.5

Sample Name: J4776-09 Acquired: 9/28/2018 16:11:05 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02889	-.02632	.39489	-.03033	.00683	169.26	.82636
Stddev	.00063	.00061	.00639	.00422	.00148	.44	.00354
%RSD	2.1728	2.2996	1.6172	13.916	21.638	.25800	.42812

#1	.02934	-.02675	.39941	-.02734	.00788	168.95	.82386
#2	.02845	-.02589	.39037	-.03331	.00579	169.57	.82886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	-.00425	42.990	.18619	.22259	1.0098	302.41
Stddev	.00006	.00121	.062	.00047	.00190	.0039	7.49
%RSD	.86762	28.332	.14515	.25328	.85264	.38984	2.4784

#1	.00651	-.00340	42.946	.18653	.22394	1.0070	297.11
#2	.00659	-.00511	43.034	.18586	.22125	1.0126	307.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8051	41.038	.28845	.00225	11.980	.55845	.68643
Stddev	.0081	.180	.00251	.00057	.042	.00114	.01629
%RSD	.13993	.43791	.87010	25.382	.35020	.20382	2.3729

#1	5.7994	40.911	.29023	.00184	11.950	.55926	.67492
#2	5.8109	41.165	.28668	.00265	12.010	.55765	.69795

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.155	.00117	.13074	13.652	2.5094	.01527	3.7149
Stddev	.038	.00065	.01109	.139	.0389	.00074	.0314
%RSD	.37238	55.315	8.4860	1.0212	1.5496	4.8324	.84404

#1	10.129	.00162	.12290	13.751	2.5369	.01474	3.6928
#2	10.182	.00071	.13859	13.553	2.4819	.01579	3.7371

Sample Name: J4776-09 Acquired: 9/28/2018 16:11:05 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0599	5.135	.25073	F<.00000	53.158
Stddev	.0036	.069	.00023	.30119	.885
%RSD	.34163	1.335	.09343	1.1754	1.6651

#1	1.0573	5.184	.25056	-25.412	52.532
#2	1.0624	5.087	.25089	-25.838	53.784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.4	75184.	5507.4	110.23	4076.3
Stddev	4.9	141.	8.8	2.24	14.4
%RSD	.13406	.18702	.16011	2.0299	.35204

#1	3679.9	75085.	5501.2	111.82	4066.2
#2	3686.9	75284.	5513.6	108.65	4086.5

Sample Name: J4777-33 Acquired: 9/28/2018 16:15:06 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06744	-.01018	.48727	-.02826	.01051	236.67	1.1036
Stddev	.00115	.00110	.00299	.00224	.00136	.19	.0025
%RSD	1.6980	10.839	.61353	7.9079	12.929	.07855	.22663

#1	.06663	-.01096	.48939	-.02668	.00955	236.54	1.1018
#2	.06825	-.00940	.48516	-.02984	.01147	236.80	1.1054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01140	-.00321	78.192	.23159	.17607	.68123	372.79
Stddev	.00008	.00003	.006	.00055	.00031	.00491	3.67
%RSD	.70934	1.0791	.00749	.23692	.17456	.72043	.98539

#1	.01146	-.00324	78.188	.23121	.17629	.68470	375.38
#2	.01134	-.00319	78.196	.23198	.17585	.67776	370.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2668	53.427	.29328	.00630	3.7434	.43967	.93891
Stddev	.0234	.019	.00068	.00069	.0100	.00084	.01434
%RSD	.28326	.03532	.23217	10.875	.26691	.19089	1.5276

#1	8.2833	53.413	.29376	.00679	3.7363	.43908	.94905
#2	8.2502	53.440	.29280	.00582	3.7504	.44026	.92877

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.111	.00120	.50852	4.6493	5.5554	.02498	1.6660
Stddev	.065	.00060	.01317	.0283	.0470	.00050	.0078
%RSD	.64593	49.610	2.5900	.60775	.84586	2.0093	.46614

#1	10.065	.00163	.51783	4.6693	5.5222	.02462	1.6715
#2	10.158	.00078	.49921	4.6293	5.5886	.02533	1.6605

Sample Name: J4777-33 Acquired: 9/28/2018 16:15:06 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.2281	8.252	.28634	F<.00000	59.887
Stddev	.0091	.039	.00025	.06907	.327
%RSD	.41018	.4738	.08625	.21188	.54656

#1	2.2217	8.280	.28652	-32.553	60.119
#2	2.2346	8.225	.28617	-32.650	59.656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.1	76826.	5672.5	109.46	3938.3
Stddev	5.8	289.	8.1	1.63	1.1
%RSD	.15441	.37674	.14315	1.4866	.02685

#1	3746.0	76621.	5666.7	108.31	3939.0
#2	3754.2	77030.	5678.2	110.61	3937.5

Sample Name: J4777-35 Acquired: 9/28/2018 16:19:07 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03989	-.01284	.45324	-.02150	.01142	209.59	1.1348
Stddev	.00164	.00325	.00240	.00505	.00050	.24	.0008
%RSD	4.1024	25.337	.53048	23.493	4.3710	.11453	.07316

#1	.03874	-.01054	.45494	-.01793	.01106	209.76	1.1353
#2	.04105	-.01514	.45154	-.02507	.01177	209.42	1.1342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01035	-.00303	45.723	.21481	.18077	.54879	305.05
Stddev	.00005	.00083	.128	.00075	.00004	.00071	7.52
%RSD	.49596	27.291	.27962	.34950	.02009	.12964	2.4668

#1	.01031	-.00245	45.814	.21535	.18080	.54829	299.72
#2	.01039	-.00362	45.633	.21428	.18075	.54930	310.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9018	53.472	.29710	.00425	4.5736	.49091	.89170
Stddev	.0117	.031	.00056	.00080	.0070	.00381	.02409
%RSD	.14749	.05767	.18823	18.849	.15301	.77622	2.7015

#1	7.9100	53.450	.29671	.00368	4.5687	.49361	.87466
#2	7.8935	53.493	.29750	.00481	4.5786	.48822	.90873

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.456	.00180	.31339	5.9963	3.7179	.01850	2.1147
Stddev	.009	.00024	.00517	.0119	.0008	.00033	.0083
%RSD	.08476	13.125	1.6489	.19836	.02211	1.7681	.39265

#1	10.463	.00197	.30974	5.9879	3.7174	.01827	2.1089
#2	10.450	.00163	.31704	6.0047	3.7185	.01873	2.1206

Sample Name: J4777-35 Acquired: 9/28/2018 16:19:07 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1923	6.664	.18866	F<.00000	52.425
Stddev	.0006	.006	.00022	.21825	.601
%RSD	.02971	.0922	.11881	.75184	1.1471

#1	2.1919	6.660	.18882	-29.183	52.000
#2	2.1928	6.669	.18850	-28.875	52.850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3820.5	78269.	5772.0	110.46	4038.5
Stddev	.3	27.	10.2	3.03	.3
%RSD	.00846	.03432	.17647	2.7442	.00631

#1	3820.3	78250.	5779.2	112.60	4038.7
#2	3820.8	78288.	5764.8	108.31	4038.3

Sample Name: CCV06 Acquired: 9/28/2018 16:23:09 Type: Unk
Method: P4-ICP2(v2464) 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	5.2725	5.2658	5.2768	5.2788	5.3182	10.417	10.577	.25438
Stddev	.0119	.0106	.0073	.0027	.0141	.052	.034	.00017
%RSD	.22544	.20060	.13776	.05161	.26439	.50148	.31744	.06582
#1	5.2809	5.2583	5.2819	5.2807	5.3281	10.380	10.601	.25449
#2	5.2641	5.2732	5.2717	5.2769	5.3082	10.454	10.554	.25426
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6459	25.802	1.0096	2.5485	1.2799	5.1384	2.5741	25.325
Stddev	.0049	.071	.0075	.0047	.0041	.0043	.0087	.037
%RSD	.18495	.27574	.74324	.18531	.32041	.08384	.33659	.14521
#1	2.6493	25.752	1.0150	2.5518	1.2828	5.1354	2.5803	25.299
#2	2.6424	25.852	1.0043	2.5451	1.2770	5.1415	2.5680	25.351
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5503	1.2809	25.927	2.5682	2.6074	26.452	5.1634	5.1427
Stddev	.0039	.0019	.094	.0123	.0290	.102	.0064	.0233
%RSD	.15105	.14845	.36259	.47788	1.1124	.38682	.12360	.45246
#1	2.5531	1.2822	25.994	2.5769	2.6279	26.525	5.1679	5.1263
#2	2.5476	1.2795	25.861	2.5596	2.5869	26.380	5.1589	5.1592
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0210	4.9829	5.0509	5.1514	F 45.925	5.058	5.0691	5.1005
Stddev	.0078	.0261	.0033	.0251	.062	.012	.0149	.2980
%RSD	.15498	.52435	.06581	.48802	.13416	.2290	.29435	5.8427
#1	5.0155	5.0013	5.0533	5.1336	45.968	5.066	5.0797	4.8898
#2	5.0265	4.9644	5.0486	5.1692	45.881	5.050	5.0586	5.3112

Sample Name: CCV06 Acquired: 9/28/2018 16:23:09 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0013
Stddev .9443
%RSD 31.463

#1 3.6690
#2 2.3336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3152.9	64466.	4580.5	109.29	4219.8
Stddev	1.7	360.	42.1	1.16	4.4
%RSD	.05334	.55894	.91996	1.0611	.10488

#1	3151.7	64212.	4550.7	108.47	4216.6
#2	3154.1	64721.	4610.3	110.11	4222.9

Sample Name: CCB06 Acquired: 9/28/2018 16:26:54 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7507 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	.00167	.00063	.00347	-.00103	.00190	-.00316	.00000
Stddev	.00165	.00117	.00010	.00034	.00089	.00093	.00006	.00001
%RSD	57.611	69.830	15.451	9.7512	86.145	48.881	1.9683	611.20
#1	.00402	.00250	.00070	.00371	-.00040	.00256	-.00311	.00001
#2	.00169	.00085	.00056	.00323	-.00166	.00125	-.00320	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00105	-.00049	-.00005	-.00012	-.00013	-.00019	.03270
Stddev	.00005	.00116	.00039	.00000	.00030	.00274	.00002	.00008
%RSD	62.217	110.59	78.163	4.5220	260.60	2098.3	8.7940	.24493
#1	.00012	-.00023	-.00022	-.00004	.00010	-.00207	-.00020	.03276
#2	.00005	-.00187	-.00077	-.00005	-.00033	.00181	-.00018	.03264
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00034	.03784	-.00021	-.00043	.00814	.00065	-.00506
Stddev	.00010	.00048	.00615	.00056	.00006	.00367	.00047	.00882
%RSD	8.7171	141.80	16.241	263.48	14.424	45.055	72.773	174.29
#1	.00128	-.00068	.03349	.00018	-.00047	.01073	.00098	.00118
#2	.00113	.00000	.04218	-.00061	-.00038	.00555	.00031	-.01130
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00387	.00064	.00015	F .05412	.0002	.00005	F 1.4451
Stddev	.00082	.00075	.00006	.00128	.00442	.0002	.00006	1.2900
%RSD	131.60	19.330	9.3785	873.53	8.1691	119.7	109.05	89.265
#1	.00120	.00440	.00068	-.00076	.05099	.0000	.00009	2.3573
#2	.00004	.00334	.00059	.00105	.05724	.0003	.00001	.53296

Sample Name: CCB06 Acquired: 9/28/2018 16:26:54 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7507 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.05784
%RSD	755.19

#1	-.04856
#2	.03324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.2	68332.	4679.3	115.72	4775.2
Stddev	2.7	151.	13.8	.42	3.8
%RSD	.08231	.22128	.29447	.36153	.07972

#1	3332.2	68225.	4689.0	116.02	4772.5
#2	3336.1	68439.	4669.6	115.43	4777.8

Sample Name: J4777-37 Acquired: 9/28/2018 16:31:00 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06638	-.01751	.47733	-.02981	.01136	240.06	1.1159
Stddev	.00727	.00073	.00061	.00040	.00060	.87	.0016
%RSD	10.955	4.1490	.12812	1.3528	5.2584	.36427	.14530

#1	.07152	-.01802	.47776	-.02952	.01179	240.68	1.1171
#2	.06124	-.01699	.47689	-.03009	.01094	239.44	1.1148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01097	-.00244	73.953	.22839	.18147	.84552	389.99
Stddev	.00001	.00009	.076	.00131	.00013	.00227	1.49
%RSD	.13299	3.6184	.10225	.57282	.07077	.26881	.38289

#1	.01098	-.00237	73.900	.22931	.18156	.84713	391.05
#2	.01096	-.00250	74.007	.22746	.18138	.84391	388.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7730	62.727	.33144	.00609	4.4078	.50177	1.0555
Stddev	.0343	.265	.00052	.00031	.0065	.00208	.0034
%RSD	.44167	.42263	.15667	5.1018	.14663	.41475	.31741

#1	7.7972	62.540	.33108	.00631	4.4124	.50030	1.0578
#2	7.7487	62.915	.33181	.00587	4.4033	.50324	1.0531

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.063	.00261	.62462	5.3977	4.0903	.02731	2.4194
Stddev	.022	.00041	.00010	.0080	.0596	.00160	.0062
%RSD	.21493	15.550	.01544	.14811	1.4567	5.8711	.25508

#1	10.048	.00290	.62468	5.4033	4.0482	.02845	2.4238
#2	10.078	.00233	.62455	5.3920	4.1324	.02618	2.4150

Sample Name: J4777-37 Acquired: 9/28/2018 16:31:00 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3560	8.932	.28343	F<.00000	63.048
Stddev	.0131	.013	.00109	.26567	.496
%RSD	.55509	.1413	.38578	.72718	.78720

#1	2.3468	8.923	.28421	-36.346	62.697
#2	2.3653	8.940	.28266	-36.722	63.399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3815.7	78417.	5806.9	110.86	3943.1
Stddev	5.6	347.	13.3	.24	1.5
%RSD	.14702	.44219	.22859	.21283	.03865

#1	3811.8	78172.	5816.3	110.69	3942.0
#2	3819.7	78662.	5797.5	111.03	3944.2

Sample Name: J4777-39 Acquired: 9/28/2018 16:35:02 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03687	-.00822	.37689	-.01976	.00682	177.90	.99503
Stddev	.00061	.00216	.00091	.00479	.00127	.30	.00583
%RSD	1.6554	26.309	.24269	24.229	18.580	.16889	.58562

#1	.03644	-.00669	.37754	-.01638	.00593	177.69	.99091
#2	.03730	-.00975	.37625	-.02315	.00772	178.11	.99915

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00856	-.00307	24.307	.17360	.09616	.37295	227.21
Stddev	.00011	.00002	.157	.00042	.00031	.00153	.30
%RSD	1.2340	.73363	.64530	.24064	.31766	.40955	.13271

#1	.00863	-.00308	24.197	.17330	.09638	.37403	227.00
#2	.00848	-.00305	24.418	.17390	.09595	.37187	227.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9285	35.125	.19250	.00265	3.0277	.33729	.57980
Stddev	.0050	.150	.00061	.00038	.0032	.00051	.00048
%RSD	.12639	.42725	.31816	14.380	.10693	.15084	.08212

#1	3.9320	35.019	.19207	.00292	3.0254	.33765	.57946
#2	3.9250	35.231	.19294	.00238	3.0300	.33693	.58013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7182	.00118	.17341	2.8972	4.7686	.01440	1.4677
Stddev	.0726	.00024	.01719	.0193	.0186	.00151	.0135
%RSD	.94070	20.475	9.9136	.66537	.38903	10.509	.92168

#1	7.6669	.00101	.16125	2.9108	4.7555	.01333	1.4582
#2	7.7695	.00135	.18556	2.8835	4.7818	.01547	1.4773

Sample Name: J4777-39 Acquired: 9/28/2018 16:35:02 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6459	4.781	.12620	F<.00000	44.957
Stddev	.0005	.011	.00006	.47430	1.115
%RSD	.02828	.2239	.04366	2.1977	2.4792

#1	1.6455	4.773	.12624	-21.246	45.745
#2	1.6462	4.788	.12616	-21.917	44.169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.9	76413.	5647.4	113.09	4185.6
Stddev	15.1	184.	8.5	.15	9.0
%RSD	.40242	.24112	.15092	.12993	.21490

#1	3737.3	76282.	5653.5	112.98	4179.3
#2	3758.6	76543.	5641.4	113.19	4192.0

Sample Name: J5118-01 Acquired: 9/28/2018 16:38:58 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-092518-US Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07213	.00028	.34155	-.02855	.00689	128.91	1.2089	.01057
Stddev	.00030	.00089	.00108	.00306	.00089	.56	.0033	.00001
%RSD	.41395	315.33	.31731	10.713	12.894	.43277	.27624	.13179

#1	.07234	.00091	.34232	-.02639	.00626	128.52	1.2113	.01058
#2	.07192	-.00035	.34078	-.03071	.00752	129.31	1.2066	.01056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01182	1330.2	.16743	.13313	.63556	313.29	10.262	101.70
Stddev	.00019	7.8	.00021	.00040	.00092	.27	.005	.08
%RSD	1.6473	.58620	.12553	.29930	.14526	.08504	.04554	.08195

#1	.01196	1335.8	.16728	.13341	.63491	313.48	10.265	101.76
#2	.01168	1324.7	.16758	.13285	.63621	313.10	10.259	101.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47890	.00716	2.1714	.18853	8.0294	12.195	.02871	.27018
Stddev	.00037	.00067	.0052	.00047	.0810	.034	.00036	.00103
%RSD	.07695	9.2955	.23808	.25059	1.0085	.28074	1.2463	.38158

#1	.47864	.00669	2.1751	.18820	8.0867	12.219	.02846	.26946
#2	.47916	.00763	2.1678	.18887	7.9722	12.171	.02896	.27091

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7186	6.8547	.01656	.47041	2.2586	6.693	1.5096	44.101
Stddev	.0008	.0428	.00037	.00536	.0073	.014	.0062	.599
%RSD	.01009	.62390	2.2494	1.1404	.32371	.2101	.40767	1.3572

#1	7.7192	6.8849	.01683	.46662	2.2534	6.683	1.5139	43.677
#2	7.7181	6.8244	.01630	.47420	2.2638	6.703	1.5052	44.524

Sample Name: J5118-01 Acquired: 9/28/2018 16:38:58 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-092518-US Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	65.350
Stddev	.485
%RSD	.74178

#1	65.693
#2	65.007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.3	76768.	6038.1	97.199	3318.1
Stddev	2.4	53.	51.0	.934	19.8
%RSD	.06594	.06851	.84534	.96072	.59609

#1	3701.6	76805.	6002.0	96.539	3304.1
#2	3705.0	76731.	6074.2	97.859	3332.0

Sample Name: J5118-02 Acquired: 9/28/2018 16:43:06 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-092518-US Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13652	.00248	.87984	-.03104	.01067	112.05	.98913	.00968
Stddev	.00121	.00323	.00355	.00333	.00066	.77	.00166	.00005
%RSD	.88376	130.13	.40325	10.726	6.1812	.68577	.16787	.51888

#1	.13566	.00477	.87733	-.02868	.01021	112.60	.98796	.00971
#2	.13737	.00020	.88235	-.03339	.01114	111.51	.99031	.00964

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	966.37	.20429	.12948	.91128	316.62	8.9742	179.96
Stddev	.00007	2.12	.00056	.00001	.00517	1.08	.0776	1.15
%RSD	2.0868	.21891	.27481	.01043	.56703	.34224	.86495	.64019

#1	.00317	964.87	.20389	.12949	.91494	315.85	9.0291	179.14
#2	.00308	967.86	.20469	.12947	.90763	317.38	8.9193	180.77

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52245	.00506	2.1799	.19971	2.4536	11.650	.03979	.24800
Stddev	.00042	.00047	.0048	.00174	.0092	.012	.00054	.01430
%RSD	.08008	9.2377	.22152	.87164	.37657	.10673	1.3656	5.7662

#1	.52274	.00539	2.1765	.19848	2.4471	11.659	.04018	.23789
#2	.52215	.00473	2.1833	.20094	2.4601	11.641	.03941	.25811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7672	3.3494	.03997	.43267	2.0358	6.556	1.2142	4.3871
Stddev	.0078	.0353	.00011	.00449	.0236	.025	.0022	.1934
%RSD	.08847	1.0552	.27690	1.0373	1.1581	.3778	.17923	4.4077

#1	8.7617	3.3244	.04004	.42950	2.0191	6.573	1.2126	4.2504
#2	8.7727	3.3743	.03989	.43584	2.0525	6.538	1.2157	4.5238

Sample Name: J5118-02 Acquired: 9/28/2018 16:43:06 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-092518-US Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	62.160
Stddev	.526
%RSD	.84621

#1	62.532
#2	61.788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.9	70517.	5482.0	101.23	3444.3
Stddev	2.8	423.	24.8	.46	17.7
%RSD	.08225	.59994	.45308	.45803	.51441

#1	3388.9	70218.	5499.5	101.55	3456.8
#2	3392.9	70816.	5464.4	100.90	3431.8

Sample Name: J5131-01 Acquired: 9/28/2018 16:47:07 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOUND-WALL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04435	-.05986	.07170	-.03379	.00492	179.52	.76397	.00751
Stddev	.00241	.00070	.00417	.00325	.00195	.29	.00266	.00024
%RSD	5.4291	1.1686	5.8094	9.6212	39.686	.16173	.34829	3.1995
#1	.04265	-.06035	.07465	-.03149	.00354	179.31	.76208	.00734
#2	.04605	-.05936	.06876	-.03609	.00630	179.72	.76585	.00768
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	1409.8	.16858	.10800	.58040	245.37	3.1418	91.254
Stddev	.00064	13.6	.00062	.00054	.00404	6.29	.0053	.396
%RSD	24.364	.96368	.36971	.50123	.69644	2.5624	.16893	.43427
#1	.00306	1400.2	.16814	.10838	.57754	240.92	3.1380	90.974
#2	.00216	1419.4	.16902	.10761	.58326	249.81	3.1455	91.534
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20977	-.00233	9.2260	.29203	1.7678	12.930	.00451	.35900
Stddev	.00023	.00056	.0348	.00343	.0455	.035	.00076	.00625
%RSD	.11131	24.190	.37744	1.1752	2.5727	.27358	16.835	1.7398
#1	.20993	-.00273	9.2014	.28961	1.7356	12.905	.00505	.35459
#2	.20960	-.00193	9.2507	.29446	1.7999	12.955	.00397	.36342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.858	.75257	-.00177	7.7123	1.5214	8.118	7.5996	46.935
Stddev	.068	.01992	.00143	.0276	.0017	.000	.0230	2.458
%RSD	.12111	2.6473	80.655	.35818	.11112	.0007	.30244	5.2365
#1	55.906	.73849	-.00076	7.6928	1.5226	8.118	7.5834	45.197
#2	55.810	.76666	-.00278	7.7318	1.5202	8.118	7.6159	48.673

Sample Name: J5131-01 Acquired: 9/28/2018 16:47:07 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOUND-WALL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 57.610
Stddev 1.240
%RSD 2.1517

#1 56.733
#2 58.486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.8	70114.	5552.3	97.134	3335.3
Stddev	2.4	117.	22.2	2.442	11.0
%RSD	.07130	.16632	.40016	2.5143	.33125

#1	3398.5	70196.	5568.0	98.861	3327.5
#2	3395.1	70031.	5536.6	95.407	3343.1

Sample Name: J5131-02 Acquired: 9/28/2018 16:51:15 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOUNDATION-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04101	-.04739	.43013	-.03577	.00977	196.69	.88619	.00874
Stddev	.00209	.00207	.00015	.00004	.00050	.04	.00396	.00019
%RSD	5.0923	4.3601	.03436	.11211	5.1218	.01873	.44700	2.1592

#1	.03954	-.04593	.43002	-.03574	.00941	196.66	.88339	.00887
#2	.04249	-.04886	.43023	-.03580	.01012	196.71	.88899	.00861

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00647	1602.4	.23304	.11783	.81275	246.55	5.3268	81.222
Stddev	.00079	22.1	.00056	.00097	.00109	5.16	.0061	.791
%RSD	12.141	1.3765	.24108	.82603	.13407	2.0930	.11394	.97408

#1	.00591	1586.8	.23264	.11714	.81198	250.20	5.3225	80.663
#2	.00702	1618.0	.23344	.11852	.81352	242.90	5.3311	81.782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21594	-.00380	22.884	.33060	3.3783	25.528	.01016	.36057
Stddev	.00018	.00000	.140	.00035	.0715	.172	.00007	.01306
%RSD	.08340	.05212	.61207	.10506	2.1159	.67245	.64432	3.6209

#1	.21606	-.00380	22.785	.33085	3.4289	25.407	.01021	.36980
#2	.21581	-.00380	22.983	.33036	3.3278	25.649	.01012	.35134

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.484	.93904	.06164	6.5795	1.9306	10.25	7.9112	57.169
Stddev	.021	.00391	.00088	.0394	.0101	.00	.0682	.970
%RSD	.03356	.41681	1.4277	.59930	.52476	.0230	.86155	1.6971

#1	62.469	.94181	.06102	6.5516	1.9235	10.25	7.8630	56.483
#2	62.499	.93627	.06226	6.6074	1.9378	10.25	7.9594	57.855

Sample Name: J5131-02 Acquired: 9/28/2018 16:51:15 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOUNDATION-C Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	59.637
Stddev	.806
%RSD	1.3514

#1	59.067
#2	60.207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.4	64479.	5108.5	96.566	3340.2
Stddev	3.7	14.	39.0	2.039	.2
%RSD	.11720	.02225	.76389	2.1120	.00551

#1	3142.0	64489.	5136.1	95.123	3340.3
#2	3136.8	64469.	5080.9	98.008	3340.1

Sample Name: J5131-03 Acquired: 9/28/2018 16:55:28 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOUNDATION-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04084	-.05690	.29579	-.03663	.00967	194.85	.89779	.00830
Stddev	.00269	.00126	.00064	.00468	.00228	.61	.00870	.00047
%RSD	6.5831	2.2122	.21545	12.767	23.587	.31298	.96896	5.6070

#1	.04274	-.05779	.29534	-.03332	.00806	194.42	.89163	.00797
#2	.03894	-.05601	.29624	-.03993	.01129	195.28	.90394	.00863

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01534	1572.6	.23700	.12076	.73145	248.79	4.1638	84.586
Stddev	.00012	2.0	.00222	.00034	.00538	1.27	.0051	.860
%RSD	.76411	.12482	.93726	.27990	.73566	.51086	.12341	1.0162

#1	.01526	1571.2	.23543	.12052	.73525	249.69	4.1602	83.978
#2	.01542	1574.0	.23857	.12100	.72764	247.89	4.1674	85.194

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20822	-.00643	15.514	.39856	11.811	19.911	.00723	.34927
Stddev	.00014	.00020	.097	.00077	.049	.114	.00003	.02054
%RSD	.06675	3.0740	.62772	.19445	.41229	.57330	.36833	5.8808

#1	.20832	-.00629	15.445	.39801	11.846	19.830	.00721	.36380
#2	.20812	-.00657	15.583	.39910	11.777	19.992	.00724	.33475

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.198	.85198	.03593	8.1209	1.6774	8.271	6.4802	55.207
Stddev	.428	.01828	.00073	.0431	.0246	.006	.0794	1.279
%RSD	.69904	2.1460	2.0300	.53040	1.4697	.0757	1.2249	2.3173

#1	60.896	.83905	.03645	8.0905	1.6600	8.266	6.4241	54.303
#2	61.501	.86491	.03541	8.1514	1.6949	8.275	6.5363	56.112

Sample Name: J5131-03 Acquired: 9/28/2018 16:55:28 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FOUNDATION-C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 60.473
 Stddev .150
 %RSD .24873

#1 60.367
 #2 60.580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.0	63334.	4953.0	97.194	3342.3
Stddev	7.5	24.	41.2	.581	15.3
%RSD	.24119	.03775	.83159	.59755	.45629

#1	3095.8	63351.	4982.1	96.783	3353.1
#2	3106.3	63317.	4923.8	97.605	3331.6

Sample Name: J5131-04 Acquired: 9/28/2018 16:59:35 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOUNDATION-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03677	-.05431	1.7218	-.04023	.01270	200.93	.91213	.00827
Stddev	.00200	.00237	.0036	.00596	.00143	1.59	.00305	.00021
%RSD	5.4430	4.3670	.21103	14.826	11.288	.78976	.33407	2.4781
#1	.03818	-.05263	1.7192	-.03601	.01371	202.06	.91428	.00842
#2	.03535	-.05598	1.7244	-.04444	.01169	199.81	.90997	.00813
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16207	1508.8	.21466	.12161	2.6073	256.00	4.7057	86.485
Stddev	.00107	18.0	.00267	.00008	.0048	1.24	.0024	.092
%RSD	.65843	1.1914	1.2442	.06726	.18291	.48551	.05088	.10585
#1	.16132	1496.1	.21655	.12156	2.6039	256.88	4.7073	86.550
#2	.16283	1521.5	.21277	.12167	2.6106	255.12	4.7040	86.420
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21018	-.00436	9.3198	.39991	F 56.943	12.994	-.00526	.30267
Stddev	.00100	.00011	.0130	.00375	.591	.078	.00063	.00061
%RSD	.47579	2.5739	.13891	.93749	1.0377	.60233	11.990	.20258
#1	.20947	-.00428	9.3290	.40256	56.525	13.049	-.00571	.30224
#2	.21088	-.00444	9.3107	.39726	57.361	12.938	-.00482	.30311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.912	.88879	.02064	7.5841	1.8765	11.23	6.9028	50.603
Stddev	.370	.01026	.00001	.0188	.0094	.12	.1107	.158
%RSD	.62782	1.1548	.02828	.24792	.49898	1.108	1.6042	.31287
#1	58.650	.88153	.02064	7.5974	1.8699	11.14	6.8245	50.491
#2	59.173	.89604	.02063	7.5709	1.8831	11.31	6.9811	50.715

Sample Name: J5131-04 Acquired: 9/28/2018 16:59:35 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FOUNDATION-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	60.218
Stddev	.131
%RSD	.21819

#1	60.125
#2	60.311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.3	64346.	4993.5	95.482	3324.6
Stddev	2.5	137.	29.1	.164	18.6
%RSD	.08156	.21260	.58197	.17146	.55800

#1	3125.1	64249.	5014.1	95.366	3337.7
#2	3121.5	64442.	4973.0	95.598	3311.4

Sample Name: J5131-05 Acquired: 9/28/2018 17:03:52 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-STONES- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04626	-.04028	1.5274	-.00739	-.00051	56.955	.16594
Stddev	.00024	.00071	.0074	.00286	.00104	.076	.00177
%RSD	.52479	1.7619	.48460	38.635	202.41	.13418	1.0696

#1	.04643	-.03978	1.5221	-.00941	-.00125	56.901	.16719
#2	.04609	-.04078	1.5326	-.00537	.00022	57.009	.16468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00607	.00122	39.334	.04755	.12510	.59352	211.59
Stddev	.00021	.00021	.346	.00019	.00092	.00294	1.35
%RSD	3.5200	16.931	.88063	.40168	.73315	.49586	.64031

#1	.00592	.00136	39.579	.04741	.12445	.59144	210.63
#2	.00622	.00107	39.089	.04768	.12575	.59560	212.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86220	47.776	.34620	.00284	7.4848	.08488	3.3485
Stddev	.00061	.245	.00240	.00004	.0392	.00116	.0032
%RSD	.07081	.51184	.69346	1.2352	.52383	1.3665	.09603

#1	.86263	47.949	.34451	.00282	7.5126	.08406	3.3463
#2	.86177	47.603	.34790	.00287	7.4571	.08570	3.3508

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8708	.00014	.16938	2.4777	1.2815	.01984	3.4441
Stddev	.0498	.00001	.00015	.0140	.0101	.00018	.0010
%RSD	.63322	5.6475	.08627	.56598	.78488	.89709	.02904

#1	7.9060	.00015	.16927	2.4678	1.2744	.01972	3.4433
#2	7.8355	.00014	.16948	2.4876	1.2886	.01997	3.4448

Sample Name: J5131-05 Acquired: 9/28/2018 17:03:52 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-STONES- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31779	2.479	.14513	F<.00000	34.905
Stddev	.00843	.007	.00090	1.0119	.087
%RSD	2.6540	.2764	.61855	2.3107	.24902

#1	.31182	2.474	.14576	-43.076	34.967
#2	.32375	2.484	.14449	-44.507	34.844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5468.6	113460.	7976.8	106.33	4111.3
Stddev	6.9	469.	74.7	.06	7.7
%RSD	.12676	.41357	.93665	.05997	.18707

#1	5463.7	113130.	7924.0	106.29	4105.8
#2	5473.5	113800.	8029.6	106.38	4116.7

Sample Name: PB113335BL Acquired: 9/28/2018 17:07:43 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7507 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	.00045	-.00091	.00190	.00044	-.00757	-.00247
Stddev	.00191	.00156	.00082	.00221	.00113	.00219	.00015
%RSD	116.69	347.22	90.235	116.50	255.28	28.885	6.2343

#1	.00029	.00155	-.00033	.00346	-.00036	-.00911	-.00258
#2	.00299	-.00065	-.00149	.00033	.00124	-.00602	-.00236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	-.00340	-.00008	-.00018	-.00017	-.00930
Stddev	.00001	.00001	.00442	.00010	.00002	.00006	.00988
%RSD	106.73	29.414	130.03	118.76	8.3249	33.604	106.24

#1	.00000	.00005	-.00027	-.00001	-.00020	-.00013	-.00231
#2	.00002	.00003	-.00653	-.00015	-.00017	-.00020	-.01628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01870	.00107	-.00096	.06579	.00055	.00111
Stddev	.00001	.00220	.00016	.00001	.00944	.00053	.00029
%RSD	213.54	11.767	14.638	.87697	14.344	96.094	25.994

#1	.00000	.01714	.00118	-.00095	.07247	.00092	.00131
#2	-.00002	.02025	.00096	-.00097	.05912	.00018	.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02641	-.00009	-.00357	F .01544	.00166	.00019	-.00223
Stddev	.00247	.00029	.00296	.00188	.00173	.00017	.00008
%RSD	9.3529	323.69	82.928	12.197	104.33	93.239	3.6400

#1	.02466	.00012	-.00566	.01678	.00288	.00031	-.00229
#2	.02816	-.00029	-.00148	.01411	.00044	.00006	-.00217

Sample Name: PB113335BL Acquired: 9/28/2018 17:07:43 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7507 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .07731	-.0007	.00002	F .06842	F<.00000
Stddev	.01118	.0006	.00009	.04219	.61512
%RSD	14.454	84.29	473.68	61.666	104.64

#1	.06941	-.0012	-.00004	.03859	-.15289
#2	.08522	-.0003	.00008	.09826	-1.0228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.7	68349.	4559.7	111.52	4773.2
Stddev	3.9	60.	6.2	1.03	2.8
%RSD	.11596	.08821	.13506	.92803	.05872

#1	3330.4	68307.	4564.0	110.79	4771.3
#2	3325.0	68392.	4555.3	112.25	4775.2

Sample Name: CCV07 Acquired: 9/28/2018 17:11:47 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13912 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0219	5.0312	5.0341	5.0515	5.0995	9.8836	10.436	.24776
Stddev	.0024	.0235	.0153	.0054	.0007	.0057	.054	.00136
%RSD	.04887	.46708	.30342	.10725	.01308	.05822	.52100	.54743
#1	5.0202	5.0478	5.0449	5.0553	5.0999	9.8877	10.397	.24871
#2	5.0237	5.0146	5.0233	5.0477	5.0990	9.8795	10.474	.24680
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5192	24.953	.98685	2.4720	1.2433	4.9497	2.5013	24.113
Stddev	.0067	.083	.00632	.0068	.0003	.0463	.0067	.120
%RSD	.26454	.33412	.64048	.27526	.02310	.93609	.26988	.49894
#1	2.5239	24.894	.99132	2.4768	1.2431	4.9169	2.5061	24.028
#2	2.5144	25.012	.98238	2.4672	1.2435	4.9824	2.4965	24.198
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4814	1.2501	25.859	2.4977	2.6361	26.195	5.0172	4.9149
Stddev	.0034	.0038	.148	.0089	.0107	.049	.0013	.0213
%RSD	.13692	.30281	.57163	.35677	.40557	.18734	.02636	.43349
#1	2.4838	1.2528	25.754	2.5040	2.6286	26.160	5.0181	4.9300
#2	2.4790	1.2475	25.963	2.4914	2.6437	26.230	5.0162	4.8999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8832	5.0060	4.9209	4.9801	F 25.817	5.009	5.0174	5.0644
Stddev	.0073	.0237	.0076	.0070	.080	.033	.0147	.3482
%RSD	.14879	.47307	.15384	.14109	.31082	.6629	.29401	6.8753
#1	4.8884	4.9892	4.9262	4.9850	25.760	5.033	5.0070	5.3106
#2	4.8781	5.0227	4.9155	4.9751	25.873	4.986	5.0278	4.8182

Sample Name: CCV07 Acquired: 9/28/2018 17:11:47 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13912 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.9579
 Stddev .3863
 %RSD 13.061

#1 2.6847
 #2 3.2311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.8	64671.	4488.0	106.04	4236.7
Stddev	.1	150.	6.7	.51	10.4
%RSD	.00366	.23200	.14874	.47719	.24605

#1	3165.9	64565.	4492.7	106.40	4229.4
#2	3165.7	64777.	4483.3	105.68	4244.1

Sample Name: CCB07 Acquired: 9/28/2018 17:15:32 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13912 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00029	-.00025	.00129	-.00088	-.00377	-.00189
Stddev	.00101	.00061	.00090	.00459	.00032	.00059	.00026
%RSD	513.70	212.25	353.84	354.94	36.398	15.513	13.515

#1	.00052	-.00014	-.00089	.00454	-.00065	-.00419	-.00171
#2	-.00091	.00072	.00038	-.00195	-.00110	-.00336	-.00207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00007	-.01568	-.00024	.00007	-.00012	.00061
Stddev	.00009	.00002	.00923	.00031	.00011	.00001	.00176
%RSD	244.62	31.321	58.830	128.61	170.06	11.334	286.76

#1	.00010	.00006	-.02221	-.00046	.00014	-.00011	-.00063
#2	-.00003	.00009	-.00916	-.00002	-.00001	-.00013	.00186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00518	.00087	-.00075	.03803	-.00002	.00001
Stddev	.00005	.02495	.00018	.00055	.00768	.00000	.00006
%RSD	57.701	481.57	20.793	72.530	20.186	.16012	518.65

#1	-.00005	-.02282	.00074	-.00114	.03261	-.00002	-.00003
#2	-.00011	.01246	.00099	-.00037	.04346	-.00002	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00578	.00074	-.00241	F .00957	.00028	-.00036	.00047
Stddev	.06379	.00010	.02768	.00007	.00001	.00048	.00104
%RSD	1104.4	13.891	1146.8	.75238	2.6710	131.87	220.39

#1	.05088	.00081	.01716	.00952	.00028	-.00002	-.00026
#2	-.03933	.00067	-.02199	.00962	.00029	-.00070	.00120

Sample Name: CCB07 Acquired: 9/28/2018 17:15:32 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13912 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .07256	.0008	.00004	F 1.1567	F<.00000
Stddev	.00952	.0016	.00008	.1275	.33062
%RSD	13.125	194.8	199.81	11.024	795.47

#1	.07929	.0019	.00009	1.2469	.19222
#2	.06582	-.0003	-.00002	1.0666	-.27535

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.6	68331.	4637.9	111.10	4793.3
Stddev	3.7	79.	17.6	.73	5.9
%RSD	.11174	.11518	.38032	.65913	.12253

#1	3339.0	68276.	4625.4	110.58	4789.1
#2	3344.2	68387.	4650.4	111.62	4797.4

Sample Name: PB113335BS Acquired: 9/28/2018 17:19:37 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.78438	2.0500	1.0091	1.9612	.77798	1.9337	.21128	.18963
Stddev	.00467	.0036	.0020	.0129	.00245	.0137	.00042	.00033
%RSD	.59591	.17307	.20139	.65991	.31547	.70787	.19741	.17476
#1	.78769	2.0475	1.0077	1.9703	.77972	1.9240	.21158	.18939
#2	.78108	2.0525	1.0106	1.9520	.77625	1.9434	.21099	.18986
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19828	1.0702	.40250	.19727	.30758	3.0262	.20757	1.9938
Stddev	.00025	.0241	.00167	.00037	.00033	.0001	.00024	.0448
%RSD	.12421	2.2552	.41375	.18907	.10669	.00357	.11476	2.2479
#1	.19811	1.0872	.40132	.19700	.30781	3.0261	.20774	1.9622
#2	.19846	1.0531	.40367	.19753	.30735	3.0263	.20740	2.0255
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49449	.07088	3.2645	.30351	.22058	10.714	.40897	.27715
Stddev	.00048	.00008	.0107	.00100	.00071	.024	.00070	.00004
%RSD	.09721	.11722	.32903	.33013	.32414	.21948	.17194	.01506
#1	.49415	.07082	3.2569	.30280	.22007	10.698	.40946	.27712
#2	.49483	.07093	3.2721	.30422	.22108	10.731	.40847	.27718
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00849	.90366	.66905	.20276	F 1.9846	F 5.383	.20102	F 1.5014
Stddev	.00223	.00472	.00092	.00165	.0057	.014	.00068	.0585
%RSD	26.251	.52196	.13757	.81177	.28978	.2601	.33813	3.8945
#1	.00691	.90700	.66840	.20159	1.9887	5.373	.20150	1.4601
#2	.01007	.90033	.66970	.20392	1.9806	5.393	.20054	1.5428

Sample Name: PB113335BS Acquired: 9/28/2018 17:19:37 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .46886
Stddev	.34958
%RSD	74.560

#1	.71604
#2	.22167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.2	67866.	4553.1	109.95	4630.2
Stddev	22.5	72.	21.6	.04	8.8
%RSD	.68429	.10588	.47524	.03937	.19011

#1	3269.3	67815.	4537.8	109.92	4624.0
#2	3301.1	67917.	4568.4	109.98	4636.4

Sample Name: PB113336BL Acquired: 9/28/2018 17:23:27 Type: Unk
Method: P4-ICP2(v2464) 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	.00131	.00091	-.00148	.00354	.00030	-.00002	-.00205
Stddev	.00024	.00085	.00034	.00184	.00043	.00998	.00075
%RSD	18.719	93.190	23.007	51.978	143.25	47993.	36.623

#1	.00148	.00031	-.00172	.00484	.00060	-.00708	-.00152
#2	.00113	.00152	-.00124	.00224	-.00000	.00704	-.00258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00008	-.00810	-.00023	-.00022	.00008	.00099
Stddev	.00003	.00003	.00160	.00004	.00004	.00019	.01056
%RSD	414.78	45.336	19.778	17.563	16.949	226.32	1072.0

#1	-.00002	.00005	-.00697	-.00020	-.00024	.00021	-.00648
#2	.00003	.00010	-.00923	-.00026	-.00019	-.00005	.00845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.06677	.00055	-.00031	.05169	-.00034	-.00028
Stddev	.00004	.03520	.00042	.00005	.00909	.00024	.00000
%RSD	34.045	52.715	76.691	15.279	17.591	69.939	.71355

#1	-.00010	.04188	.00085	-.00028	.05812	-.00050	-.00028
#2	-.00016	.09166	.00025	-.00035	.04526	-.00017	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00022	-.02028	F .00733	-.00118	-.00063	-.00134
Stddev	.03876	.00028	.00910	.00317	.00021	.00032	.00010
%RSD	1830.4	125.78	44.873	43.219	17.967	51.401	7.1604

#1	.02953	.00002	-.01385	.00957	-.00132	-.00040	-.00141
#2	-.02529	.00041	-.02672	.00509	-.00103	-.00086	-.00127

Sample Name: PB113336BL Acquired: 9/28/2018 17:23:27 Type: Unk
Method: P4-ICP2(v2464) 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 .05617	.0001	-.00003	F 1.2965	F<.00000
Stddev	.00823	.0010	.00004	.2609	.38657
%RSD	14.652	1783.	143.41	20.124	761.47

#1	.05035	.0007	.00000	1.1120	-.32412
#2	.06199	-.0006	-.00006	1.4809	.22258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.7	68799.	4622.1	111.58	4784.7
Stddev	6.5	23.	60.0	2.55	5.3
%RSD	.19463	.03271	1.2982	2.2819	.11106

#1	3338.1	68814.	4664.5	113.38	4788.4
#2	3347.3	68783.	4579.7	109.78	4780.9

Sample Name: J5035-01 Acquired: 9/28/2018 17:31:36 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	.00051	.00978	.00333	-.00050	.01680	-.00324
Stddev	.00083	.00051	.00060	.00183	.00001	.00563	.00060
%RSD	64.793	101.52	6.0881	55.045	1.6671	33.485	18.513

#1	.00186	.00087	.00936	.00203	-.00050	.01282	-.00366
#2	.00069	.00014	.01020	.00462	-.00051	.02078	-.00281

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00023	.23093	.00104	.00016	.09469	.02557
Stddev	.00002	.00005	.00125	.00000	.00002	.00049	.00481
%RSD	42.118	23.344	.54201	.31160	15.126	.51872	18.828

#1	.00006	.00026	.23004	.00104	.00014	.09504	.02216
#2	.00003	.00019	.23181	.00104	.00018	.09435	.02897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	-.01052	.08210	-.00076	.13707	.00000	.09265
Stddev	.00008	.01416	.00017	.00024	.00057	.00068	.00090
%RSD	9.4905	134.53	.20718	31.731	.41748	17552.	.97133

#1	.00095	-.02053	.08222	-.00094	.13748	-.00048	.09328
#2	.00083	-.00051	.08198	-.00059	.13667	.00049	.09201

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07237	-.00004	-.00725	.00881	.00551	-.00023	-.00037
Stddev	.03346	.00012	.00086	.00060	.00031	.00036	.00105
%RSD	46.227	307.67	11.905	6.8025	5.6114	156.55	285.94

#1	.09603	.00005	-.00664	.00924	.00529	.00002	.00038
#2	.04872	-.00013	-.00786	.00839	.00573	-.00048	-.00111

Sample Name: J5035-01 Acquired: 9/28/2018 17:31:36 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04489	.0027	.00038	F<.00000	F<.00000
Stddev	.00921	.0017	.00001	.21793	.25471
%RSD	20.520	61.53	2.9888	13.495	24.485

#1	.03837	.0039	.00039	-1.4608	-1.2203
#2	.05140	.0015	.00037	-1.7690	-.86014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.0	71255.	4810.6	118.75	4941.6
Stddev	5.3	100.	30.9	.93	2.2
%RSD	.15501	.13978	.64335	.78040	.04546

#1	3417.3	71185.	4832.4	118.10	4940.0
#2	3424.8	71326.	4788.7	119.41	4943.2

Sample Name: J5035-01DUP Acquired: 9/28/2018 17:35:39 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	.00094	.01028	.00223	.00075	.01270	-.00439	.00003
Stddev	.00189	.00035	.00085	.00119	.00095	.01641	.00069	.00008
%RSD	48.334	36.923	8.2179	53.461	125.92	129.26	15.787	222.11

#1	.00524	.00069	.00969	.00308	.00008	.02430	-.00488	.00009
#2	.00257	.00118	.01088	.00139	.00142	.00109	-.00390	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.23297	.00090	.00005	.09434	.03764	.00087	.04822
Stddev	.00001	.01861	.00071	.00001	.00050	.00147	.00002	.06320
%RSD	4.1567	7.9881	78.671	26.111	.53064	3.8955	2.2295	131.06

#1	.00028	.21981	.00140	.00005	.09399	.03660	.00085	.00353
#2	.00030	.24613	.00040	.00004	.09470	.03868	.00088	.09292

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08119	-.00075	.13970	-.00007	.09213	.12107	.00018	-.00485
Stddev	.00001	.00031	.01169	.00006	.00053	.01030	.00001	.00607
%RSD	.01083	40.929	8.3703	87.102	.57333	8.5041	6.1736	125.17

#1	.08118	-.00053	.13143	-.00003	.09250	.11379	.00018	-.00056
#2	.08119	-.00096	.14797	-.00011	.09175	.12835	.00019	-.00915

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01047	.00452	-.00075	-.00205	.04294	.0019	.00036	<.00000
Stddev	.00069	.00170	.00002	.00014	.00732	.0001	.00002	.04170
%RSD	6.5834	37.520	3.1983	7.0192	17.055	2.798	4.5012	5.4319

#1	.00999	.00332	-.00073	-.00195	.03776	.0020	.00035	-.73818
#2	.01096	.00572	-.00077	-.00215	.04811	.0019	.00037	-.79716

Sample Name: J5035-01DUP Acquired: 9/28/2018 17:35:39 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DDUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .28414
%RSD 30.657

#1 -1.1278
#2 -.72592

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.1	70969.	4813.7	118.33	4935.9
Stddev	3.5	318.	46.1	.59	1.7
%RSD	.10126	.44831	.95763	.49978	.03497

#1	3408.7	71194.	4781.1	117.91	4937.1
#2	3413.6	70744.	4846.2	118.75	4934.6

Sample Name: J5035-01LX5 Acquired: 9/28/2018 17:39:41 Type: Unk
Method: P4-ICP2(v2464) 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	.00155	.00094	.00081	.00167	-.00018	-.00182	-.00309	.00008
Stddev	.00059	.00153	.00006	.00067	.00017	.00440	.00020	.00003
%RSD	37.965	162.12	6.9151	39.800	94.578	241.29	6.4568	36.835

#1	.00113	.00203	.00077	.00215	-.00031	.00129	-.00323	.00006
#2	.00196	-.00014	.00085	.00120	-.00006	-.00493	-.00294	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.04208	.00645	.00004	.01946	.02952	.00083	.01204
Stddev	.00007	.02136	.00057	.00007	.00031	.00486	.00005	.03447
%RSD	73.935	50.757	8.8661	172.74	1.6118	16.462	6.3145	286.27

#1	.00004	.05719	.00605	.00009	.01969	.02608	.00079	.03641
#2	.00014	.02698	.00686	-.00001	.01924	.03296	.00087	-.01233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02104	-.00025	.06902	-.00001	.01989	.06049	.00091	-.01531
Stddev	.00018	.00045	.00263	.00060	.00049	.01796	.00002	.00898
%RSD	.84342	179.22	3.8060	9901.8	2.4716	29.695	1.9287	58.660

#1	.02092	.00007	.07087	-.00043	.02024	.07319	.00093	-.02165
#2	.02117	-.00056	.06716	.00042	.01954	.04779	.00090	-.00896

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	.00375	-.00065	-.00016	.06968	-.0004	.00009	1.6412
Stddev	.00314	.00238	.00038	.00023	.00183	.0002	.00002	.1071
%RSD	48.984	63.378	57.487	139.92	2.6289	42.02	22.688	6.5226

#1	.00420	.00544	-.00092	-.00000	.07098	-.0003	.00008	1.5655
#2	.00864	.00207	-.00039	-.00032	.06839	-.0005	.00011	1.7169

Sample Name: J5035-01LX5 Acquired: 9/28/2018 17:39:41 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.26860
Stddev	.18953
%RSD	70.563

#1	.13458
#2	.40261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.1	68695.	4621.1	111.44	4803.7
Stddev	2.9	27.	14.8	2.23	.9
%RSD	.08601	.03982	.32022	1.9992	.01930

#1	3348.1	68676.	4610.6	109.87	4803.0
#2	3352.2	68714.	4631.5	113.02	4804.3

Sample Name: PB113336BS Acquired: 9/28/2018 17:43:45 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.78738	2.0342	1.0100	1.9665	.77747	1.9751	.21252	.18990
Stddev	.00339	.0043	.0038	.0053	.00150	.0143	.00144	.00018
%RSD	.43013	.21169	.38029	.27026	.19311	.72259	.67900	.09493
#1	.78499	2.0312	1.0073	1.9627	.77641	1.9650	.21150	.19003
#2	.78978	2.0373	1.0128	1.9702	.77853	1.9852	.21354	.18978
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19794	1.0686	.40203	.19664	.30830	3.0299	.20790	2.0054
Stddev	.00072	.0039	.00166	.00101	.00111	.0206	.00048	.0235
%RSD	.36275	.36752	.41325	.51528	.36052	.68127	.22855	1.1708
#1	.19743	1.0713	.40086	.19592	.30752	3.0153	.20757	1.9888
#2	.19844	1.0658	.40321	.19736	.30909	3.0445	.20824	2.0220
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49451	.07086	3.2808	.30388	.21957	10.781	.40791	.28462
Stddev	.00166	.00103	.0246	.00161	.00171	.044	.00109	.00107
%RSD	.33552	1.4588	.74990	.52975	.77829	.40751	.26832	.37767
#1	.49333	.07159	3.2634	.30274	.21836	10.750	.40714	.28386
#2	.49568	.07013	3.2982	.30502	.22078	10.812	.40869	.28538
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00233	.90467	.66912	.20212	F 1.9908	F 5.359	.19778	F 2.3598
Stddev	.00129	.01057	.00300	.00066	.0005	.009	.00031	.8415
%RSD	55.229	1.1682	.44873	.32590	.02609	.1590	.15623	35.657
#1	.00324	.89720	.66699	.20165	1.9904	5.365	.19756	2.9548
#2	.00142	.91215	.67124	.20259	1.9911	5.353	.19800	1.7648

Sample Name: PB113336BS Acquired: 9/28/2018 17:43:45 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.86170
Stddev	.76335
%RSD	88.587

#1	.32192
#2	1.4015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.3	67258.	4557.0	109.99	4615.7
Stddev	2.8	212.	10.3	.40	4.2
%RSD	.08670	.31487	.22651	.36339	.09105

#1	3271.3	67408.	4564.3	110.27	4612.8
#2	3275.3	67108.	4549.7	109.71	4618.7

Sample Name: J5035-01MS Acquired: 9/28/2018 17:47:34 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4136	3.5512	1.7928	3.5581	.95671	3.9813	.42865	.37876
Stddev	.0586	.1611	.0799	.1561	.00507	.0576	.00874	.00694
%RSD	4.1463	4.5352	4.4540	4.3862	.53030	1.4461	2.0401	1.8319
#1	1.4550	3.6651	1.8492	3.6685	.96030	4.0220	.43484	.38366
#2	1.3721	3.4374	1.7363	3.4478	.95313	3.9406	.42247	.37385
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34702	2.3241	.76499	.34373	.64449	5.9504	.39254	4.1373
Stddev	.01593	.0259	.01270	.01583	.02383	.1135	.00711	.0883
%RSD	4.5908	1.1149	1.6598	4.6041	3.6969	1.9071	1.8113	2.1346
#1	.35829	2.3425	.77396	.35492	.66134	6.0306	.39757	4.1997
#2	.33576	2.3058	.75601	.33254	.62765	5.8701	.38751	4.0748
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94718	.13926	6.5630	.57732	.45609	21.394	.48722	.60192
Stddev	.04240	.00231	.1512	.01007	.02365	.478	.00491	.01199
%RSD	4.4762	1.6576	2.3036	1.7439	5.1845	2.2354	1.0068	1.9913
#1	.97716	.14089	6.6699	.58443	.47281	21.732	.49069	.59345
#2	.91720	.13763	6.4561	.57020	.43937	21.055	.48375	.61040
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	1.1808	.81009	.25384	3.8997	9.461	.40430	1.7831
Stddev	.00098	.0016	.00683	.00181	.0459	.410	.00699	.3837
%RSD	123.91	.13800	.84326	.71418	1.1769	4.331	1.7291	21.519
#1	-.00010	1.1796	.81492	.25255	3.9321	9.750	.40925	1.5118
#2	-.00148	1.1819	.80525	.25512	3.8672	9.171	.39936	2.0545

Sample Name: J5035-01MS Acquired: 9/28/2018 17:47:34 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-DMS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5263
 Stddev .6638
 %RSD 43.488

#1 1.0570
 #2 1.9957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.4	69319.	4614.3	115.83	4719.4
Stddev	5.0	305.	24.8	1.68	.7
%RSD	.14876	.43933	.53845	1.4471	.01511

#1	3341.9	69103.	4596.7	114.65	4718.9
#2	3334.9	69534.	4631.9	117.02	4719.9

Sample Name: J5035-01MSD Acquired: 9/28/2018 17:51:21 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CELL-DMSD 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	.98870	2.5360	1.2581	2.5028	.89641	2.7505	.29652	.26048	.24325
Stddev	.03233	.0933	.0382	.0741	.00294	.0588	.00304	.00360	.00813
%RSD	3.2699	3.6791	3.0389	2.9586	.32774	2.1366	1.0245	1.3839	3.3441

#1	1.0116	2.6020	1.2851	2.5552	.89434	2.7921	.29867	.26303	.24900
#2	.96584	2.4700	1.2310	2.4504	.89849	2.7090	.29437	.25793	.23750

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6584	.52755	.23958	.48088	4.1751	.27263	2.7875	.68361	.09774
Stddev	.0177	.00902	.00796	.01224	.0819	.00423	.0315	.01986	.00246
%RSD	1.0672	1.7100	3.3221	2.5458	1.9613	1.5522	1.1303	2.9045	2.5202

#1	1.6709	.53393	.24520	.48954	4.2330	.27563	2.8097	.69765	.09949
#2	1.6459	.52117	.23395	.47222	4.1172	.26964	2.7652	.66957	.09600

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	4.6319	.39655	.35259	14.982	.45464	.39911	.00247	1.0581	.75270
Stddev	.0484	.00496	.01062	.214	.00155	.01524	.00085	.0014	.00458
%RSD	1.0446	1.2508	3.0119	1.4275	.34090	3.8177	34.494	.13633	.60912

#1	4.6661	.40006	.36010	15.134	.45355	.40989	.00187	1.0591	.74946
#2	4.5977	.39304	.34508	14.831	.45574	.38834	.00308	1.0571	.75594

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22868	2.6903	6.682	.27730	1.2349	1.1452
Stddev	.00167	.0412	.215	.00406	.3357	.1382
%RSD	.73135	1.5305	3.218	1.4645	27.183	12.071

#1	.22986	2.7195	6.834	.28017	.99754	1.2430
#2	.22749	2.6612	6.530	.27443	1.4723	1.0475

Sample Name: J5035-01MSD Acquired: 9/28/2018 17:51:21 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CELL-DMSD 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	3359.5	69400.	4684.3	114.84	4774.7
Stddev	2.1	106.	28.0	.87	9.0
%RSD	.06364	.15317	.59801	.75989	.18813
#1	3358.0	69475.	4704.1	114.22	4768.4
#2	3361.0	69325.	4664.5	115.45	4781.1

Sample Name: J5035-01A Acquired: 9/28/2018 17:55:12 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7509 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	.77530	1.9831	.98297	1.9509	.88218	2.1039	.22868	.20667	.19081
Stddev	.04345	.1112	.05644	.1109	.01616	.0085	.00149	.00311	.01144
%RSD	5.6037	5.6086	5.7414	5.6834	1.8317	.40371	.65300	1.5031	5.9977

#1	.80602	2.0617	1.0229	2.0293	.89361	2.1099	.22973	.20886	.19891
#2	.74458	1.9044	.94306	1.8725	.87076	2.0979	.22762	.20447	.18272

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3145	.42341	.18748	.39717	3.2766	.21746	2.2328	.55253	.07652
Stddev	.0039	.00441	.01133	.01920	.0294	.00293	.0902	.02850	.00030
%RSD	.29537	1.0418	6.0439	4.8347	.89645	1.3457	4.0422	5.1587	.39283

#1	1.3172	.42653	.19549	.41075	3.2974	.21953	2.2966	.57268	.07674
#2	1.3117	.42029	.17946	.38359	3.2558	.21539	2.1690	.53237	.07631

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	3.5787	.31608	.29577	11.597	.44818	.31647	.00444	1.0422	.74486
Stddev	.0344	.00476	.01460	.031	.00587	.01136	.00195	.0087	.01018
%RSD	.96033	1.5072	4.9358	.26853	1.3092	3.5906	43.926	.83270	1.3667

#1	3.6030	.31945	.30609	11.619	.45233	.30844	.00306	1.0483	.75206
#2	3.5544	.31271	.28545	11.575	.44403	.32451	.00582	1.0360	.73766

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22228	2.0696	5.213	.21345	.57838	.40838
Stddev	.00217	.0130	.294	.00078	.65211	.07644
%RSD	.97426	.62738	5.640	.36610	112.75	18.717

#1	.22381	2.0788	5.421	.21401	1.0395	.35433
#2	.22075	2.0604	5.006	.21290	.11727	.46243

Sample Name: J5035-01A Acquired: 9/28/2018 17:55:12 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7509 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	3365.6	69779.	4723.9	115.68	4793.7
Stddev	5.6	155.	37.9	.73	1.7
%RSD	.16712	.22170	.80259	.63330	.03567
#1	3361.6	69669.	4697.1	115.17	4792.5
#2	3369.6	69888.	4750.7	116.20	4794.9

Sample Name: J5083-01 Acquired: 9/28/2018 17:59:01 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKA-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01520	.00068	.57323	-.02841	-.13627	.65926	.19959	.00004
Stddev	.00337	.00160	.01047	.00468	.00182	.00506	.00002	.00001
%RSD	22.150	234.81	1.8261	16.481	1.3381	.76740	.00773	21.272

#1	.01758	-.00045	.56583	-.02510	-.13756	.65568	.19958	.00004
#2	.01282	.00181	.58063	-.03172	-.13498	.66283	.19960	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02978	10.962	4.1706	.10227	142.27	205.89	1.1173	4.2311
Stddev	.00002	.019	.0098	.00025	1.00	1.13	.0012	.0674
%RSD	.06865	.17763	.23518	.24427	.69980	.54787	.10961	1.5939

#1	-.02980	10.949	4.1637	.10209	142.98	206.69	1.1181	4.1834
#2	-.02977	10.976	4.1776	.10244	141.57	205.10	1.1164	4.2788

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 165.45	.00586	1872.5	.01110	3.7903	1102.3	.06877	47.331
Stddev	.29	.00053	3.6	.00059	.0060	11.7	.00075	.199
%RSD	.17368	9.0018	.19353	5.2979	.15796	1.0659	1.0843	.42081

#1	165.65	.00623	1870.0	.01151	3.7945	1094.0	.06930	47.190
#2	165.25	.00549	1875.1	.01068	3.7861	1110.6	.06824	47.472

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1762.4	22.412	-.56147	.15424	.75793	52.48	.22420	<.00000
Stddev	2.6	.243	.00153	.00193	.00557	.09	.00081	.27303
%RSD	.14812	1.0826	.27175	1.2483	.73535	.1645	.35966	27.884

#1	1760.5	22.240	-.56255	.15288	.75399	52.42	.22363	-.78609
#2	1764.2	22.583	-.56039	.15560	.76187	52.54	.22477	-1.1722

Sample Name: J5083-01 Acquired: 9/28/2018 17:59:01 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKA-092518 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	50.667
Stddev	.893
%RSD	1.7633

#1	51.299
#2	50.036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.6	53339.	4448.8	102.89	3199.1
Stddev	12.4	146.	34.8	.13	7.0
%RSD	.52487	.27312	.78306	.12669	.21905

#1	2362.8	53236.	4473.4	102.79	3204.1
#2	2380.4	53442.	4424.2	102.98	3194.2

Sample Name: CCV08 Acquired: 9/28/2018 18:11:30 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13914 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9639	4.9815	4.9818	5.0013	5.0438	9.7641	10.219	.24241
Stddev	.0149	.0114	.0151	.0019	.0143	.0080	.023	.00082
%RSD	.29911	.22802	.30366	.03854	.28287	.08157	.22604	.33885
#1	4.9744	4.9895	4.9925	5.0027	5.0539	9.7698	10.203	.24299
#2	4.9534	4.9734	4.9711	5.0000	5.0337	9.7585	10.235	.24183
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4887	24.466	.96221	2.4304	1.2236	4.8270	2.4547	23.936
Stddev	.0083	.082	.00146	.0056	.0051	.0027	.0052	.092
%RSD	.33505	.33579	.15210	.23158	.41784	.05678	.21264	.38258
#1	2.4946	24.524	.96118	2.4343	1.2272	4.8290	2.4584	23.871
#2	2.4828	24.408	.96325	2.4264	1.2200	4.8251	2.4510	24.001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4395	1.2277	24.859	2.4571	2.5679	25.775	4.9500	4.8636
Stddev	.0082	.0026	.077	.0156	.0151	.076	.0135	.0008
%RSD	.33735	.20751	.31066	.63550	.58748	.29388	.27355	.01639
#1	2.4454	1.2295	24.804	2.4682	2.5572	25.722	4.9596	4.8630
#2	2.4337	1.2259	24.913	2.4461	2.5785	25.829	4.9405	4.8641
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9763	4.8234	4.8339	4.8882	F 30.215	4.925	4.8557	F 5.7611
Stddev	.0194	.0191	.0164	.0051	.157	.019	.0156	.4203
%RSD	.38974	.39603	.33855	.10448	.52077	.3928	.32025	7.2962
#1	4.9900	4.8369	4.8455	4.8846	30.103	4.938	4.8447	5.4639
#2	4.9626	4.8099	4.8223	4.8919	30.326	4.911	4.8667	6.0584

Sample Name: CCV08 Acquired: 9/28/2018 18:11:30 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13914 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5489
Stddev .1708
%RSD 4.8136

#1 3.4281
#2 3.6697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.8	64872.	4509.9	107.59	4229.0
Stddev	13.8	59.	8.1	.40	22.0
%RSD	.43760	.09069	.17921	.37364	.52014

#1	3146.0	64830.	4515.6	107.88	4213.5
#2	3165.5	64913.	4504.2	107.31	4244.6

Sample Name: CCB08 Acquired: 9/28/2018 18:15:15 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13914 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00272	-.00082	.00355	.00029	.00178	-.00183
Stddev	.00155	.00021	.00067	.00056	.00006	.00487	.00119
%RSD	197.17	7.7308	81.953	15.848	22.732	272.92	65.144

#1	-.00031	.00257	-.00130	.00315	.00024	.00523	-.00099
#2	.00189	.00287	-.00035	.00395	.00033	-.00166	-.00267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	-.00638	-.00032	-.00018	.00009	.00683
Stddev	.00009	.00005	.00246	.00074	.00012	.00029	.00927
%RSD	311.22	82.162	38.629	228.80	65.953	306.55	135.64

#1	.00009	.00003	-.00463	-.00084	-.00009	.00030	.00028
#2	-.00003	.00010	-.00812	.00020	-.00026	-.00011	.01338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.01322	.00137	-.00094	.13087	.00045	-.00030
Stddev	.00005	.08515	.00013	.00037	.00635	.00004	.00007
%RSD	27.262	644.11	9.4394	39.595	4.8541	9.7579	24.298

#1	-.00014	.07343	.00128	-.00120	.12638	.00042	-.00025
#2	-.00020	-.04699	.00146	-.00068	.13536	.00048	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17587	.00078	.01382	F .11999	.00202	.00013	-.00119
Stddev	.03825	.00004	.00270	.00171	.00329	.00013	.00145
%RSD	21.750	4.5365	19.511	1.4269	162.76	97.544	122.34

#1	.20292	.00075	.01191	.12120	.00434	.00004	-.00016
#2	.14882	.00080	.01573	.11878	-.00030	.00022	-.00221

Sample Name: CCB08 Acquired: 9/28/2018 18:15:15 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13914 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .08086	-.0006	-.00003	F 3.2367	F<.00000
Stddev	.00035	.0011	.00003	.1379	.04866
%RSD	.43789	185.7	122.91	4.2595	39.291

#1	.08061	.0002	-.00005	3.1392	-.15825
#2	.08111	-.0014	-.00000	3.3342	-.08943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.2	67850.	4583.3	112.08	4754.3
Stddev	19.5	130.	18.8	1.82	15.5
%RSD	.58847	.19126	.40912	1.6255	.32633

#1	3296.4	67758.	4570.0	113.37	4743.4
#2	3324.0	67942.	4596.5	110.79	4765.3

Sample Name: J5083-02 Acquired: 9/28/2018 18:19:19 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKC-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00566	.00122	.01969	-.00419	-.01381	.77395	.06949	-.00005
Stddev	.00084	.00011	.00070	.00234	.00015	.00495	.00070	.00001
%RSD	14.868	9.3977	3.5311	55.785	1.0871	.63966	1.0115	18.075

#1	.00506	.00114	.02018	-.00584	-.01392	.77745	.06900	-.00004
#2	.00625	.00130	.01920	-.00254	-.01370	.77045	.06999	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00393	3.6029	.19160	.02093	12.313	37.135	.27434	.82188
Stddev	.00007	.0174	.00173	.00033	.009	1.036	.00038	.01507
%RSD	1.8097	.48262	.90433	1.5564	.07194	2.7894	.13704	1.8331

#1	-.00398	3.5906	.19038	.02070	12.319	37.867	.27461	.81123
#2	-.00388	3.6152	.19283	.02116	12.307	36.402	.27408	.83253

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.931	.00227	43.853	.00557	1.0850	26.160	.00890	1.1837
Stddev	.002	.00014	.249	.00028	.0284	.155	.00024	.0093
%RSD	.01079	6.2588	.56781	5.0237	2.6147	.59400	2.7390	.78606

#1	20.933	.00237	44.029	.00537	1.1051	26.270	.00907	1.1771
#2	20.930	.00217	43.677	.00576	1.0650	26.050	.00873	1.1903

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.763	4.2653	-.00282	.02273	.09133	1.616	.04713	<.00000
Stddev	.063	.0132	.00058	.00237	.00012	.014	.00041	.52744
%RSD	.35470	.31026	20.700	10.441	.13156	.8390	.86048	1411.5

#1	17.719	4.2559	-.00241	.02105	.09141	1.607	.04742	.33559
#2	17.808	4.2746	-.00323	.02441	.09124	1.626	.04684	-.41032

Sample Name: J5083-02 Acquired: 9/28/2018 18:19:19 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TKC-092518 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 20.006
 Stddev .556
 %RSD 2.7780

#1 19.613
 #2 20.399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3280.1	68139.	4797.0	114.18	4555.4
Stddev	1.8	69.	.5	2.61	1.5
%RSD	.05353	.10139	.01105	2.2892	.03296

#1	3278.9	68090.	4796.7	112.33	4554.4
#2	3281.4	68188.	4797.4	116.03	4556.5

Sample Name: J5083-03 Acquired: 9/28/2018 18:23:15 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKB-092518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	-.00194	.51150	-.01667	-.15936	1.7032	.38580	-.00064
Stddev	.00186	.00045	.00183	.00028	.00207	.0170	.00142	.00005
%RSD	32.289	23.273	.35798	1.6769	1.2982	.99898	.36904	7.2898
#1	.00445	-.00162	.51020	-.01647	-.16082	1.6911	.38681	-.00061
#2	.00708	-.00226	.51279	-.01687	-.15789	1.7152	.38480	-.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02158	14.791	5.6087	.30920	127.66	95.630	.92789	4.7087
Stddev	.00001	.111	.0003	.00059	.48	.970	.00038	.0376
%RSD	.06292	.75178	.00488	.19083	.37817	1.0145	.04135	.79806
#1	-.02159	14.712	5.6089	.30878	128.00	96.316	.92816	4.6822
#2	-.02157	14.869	5.6085	.30961	127.32	94.944	.92762	4.7353
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 171.20	.00120	173.03	.00991	12.615	101.14	.02513	3.9896
Stddev	.51	.00143	1.29	.00022	.128	.43	.00046	.0025
%RSD	.29718	119.76	.74778	2.2679	1.0182	.42995	1.8438	.06223
#1	171.56	.00221	173.95	.01007	12.706	101.44	.02480	3.9914
#2	170.84	.00018	172.12	.00975	12.525	100.83	.02545	3.9879
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.45	30.808	.01767	.02730	.17629	20.26	.14814	1.2298
Stddev	.31	.204	.00179	.00225	.00399	.03	.00080	.3060
%RSD	.29057	.66347	10.112	8.2328	2.2648	.1370	.53852	24.883
#1	107.23	30.952	.01894	.02889	.17347	20.24	.14758	1.4461
#2	107.67	30.663	.01641	.02571	.17912	20.28	.14870	1.0134

Sample Name: J5083-03 Acquired: 9/28/2018 18:23:15 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TKB-092518 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	35.125
Stddev	.381
%RSD	1.0848

#1	35.395
#2	34.856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.3	65297.	4777.3	112.66	4095.9
Stddev	2.4	295.	18.0	1.10	2.8
%RSD	.08235	.45161	.37608	.98077	.06784

#1	2860.6	65506.	4764.6	111.87	4093.9
#2	2863.9	65089.	4790.0	113.44	4097.9

Sample Name: J5087-01 Acquired: 9/28/2018 18:27:26 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OF-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	.00142	.00046	.00034	.00062	.04497	.04124	.00002
Stddev	.00028	.00074	.00001	.00015	.00144	.00460	.00076	.00007
%RSD	4.9148	52.277	1.6712	42.589	233.03	10.238	1.8413	277.99

#1	.00589	.00194	.00047	.00045	-.00040	.04822	.04070	-.00002
#2	.00550	.00089	.00046	.00024	.00164	.04171	.04177	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	4.0324	.00131	.00052	.38688	.09470	.03284	3.1084
Stddev	.00004	.0001	.00041	.00009	.00148	.00665	.00001	.0545
%RSD	10.496	.00160	31.527	17.485	.38338	7.0208	.02537	1.7528

#1	.00034	4.0324	.00102	.00058	.38583	.09940	.03283	3.1469
#2	.00039	4.0323	.00160	.00045	.38793	.09000	.03285	3.0699

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	-.00057	26.549	.00178	.27135	2.1421	.00034	.02474
Stddev	.00004	.00088	.162	.00059	.00917	.0165	.00003	.00513
%RSD	1.2160	152.68	.60840	32.983	3.3795	.77026	8.7153	20.755

#1	.00350	-.00119	26.434	.00220	.26486	2.1537	.00032	.02111
#2	.00356	.00005	26.663	.00137	.27783	2.1304	.00037	.02837

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2484	.21288	.00159	.00082	.02942	.2561	.03157	.63800
Stddev	.0078	.00099	.00003	.00178	.00787	.0006	.00001	.18021
%RSD	.34843	.46326	2.1241	216.99	26.765	.2257	.02125	28.246

#1	2.2429	.21218	.00156	-.00044	.02385	.2557	.03157	.76543
#2	2.2540	.21358	.00161	.00208	.03499	.2565	.03156	.51057

Sample Name: J5087-01 Acquired: 9/28/2018 18:27:26 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OF-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .79210
%RSD 364.81

#1 .34298
#2 -.77722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.5	69264.	4858.3	115.97	4722.2
Stddev	4.9	157.	64.4	3.44	10.5
%RSD	.14673	.22726	1.3249	2.9705	.22286

#1	3342.0	69375.	4903.8	118.41	4714.7
#2	3348.9	69152.	4812.8	113.53	4729.6

Sample Name: J5087-02 Acquired: 9/28/2018 18:31:29 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OF-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00387	.00205	.00827	.00443	-.00073	.19301	.04759	.00002
Stddev	.00058	.00041	.00009	.00111	.00060	.01448	.00021	.00001
%RSD	15.051	19.878	1.0375	25.001	82.459	7.5010	.44818	65.798

#1	.00346	.00234	.00820	.00365	-.00030	.18277	.04744	.00001
#2	.00428	.00177	.00833	.00522	-.00115	.20324	.04774	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	8.4762	.00166	.00039	.35962	.37167	.01874	2.7455
Stddev	.00006	.0040	.00031	.00019	.00010	.00268	.00002	.0521
%RSD	30.512	.04770	18.789	49.158	.02658	.72199	.10621	1.8987

#1	.00015	8.4733	.00144	.00025	.35956	.37357	.01872	2.7086
#2	.00023	8.4790	.00188	.00052	.35969	.36977	.01875	2.7823

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	-.00060	15.417	.00225	.28466	1.6286	.00039	.02854
Stddev	.00000	.00047	.049	.00017	.00473	.0107	.00000	.00545
%RSD	.12104	79.277	.32019	7.5853	1.6601	.65532	.79430	19.096

#1	.00350	-.00093	15.452	.00238	.28800	1.6362	.00040	.02468
#2	.00350	-.00026	15.382	.00213	.28132	1.6211	.00039	.03239

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7110	.41191	-.00077	.01252	.08373	.1020	.05754	.69822
Stddev	.0212	.01601	.00027	.00104	.00941	.0004	.00024	.40442
%RSD	.78112	3.8857	35.546	8.2719	11.241	.3824	.42563	57.921

#1	2.6961	.42323	-.00096	.01325	.09038	.1018	.05737	.41226
#2	2.7260	.40059	-.00058	.01179	.07707	.1023	.05772	.98419

Sample Name: J5087-02 Acquired: 9/28/2018 18:31:29 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OF-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .28976
%RSD 100.27

#1 -.08410
#2 -.49389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.4	69413.	4817.0	116.26	4766.5
Stddev	4.5	132.	47.7	2.48	3.2
%RSD	.13537	.18946	.98931	2.1357	.06639

#1	3342.2	69506.	4783.3	114.51	4764.3
#2	3348.6	69320.	4850.7	118.02	4768.8

Sample Name: J5087-03 Acquired: 9/28/2018 18:35:29 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OF-5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00539	.00080	.00333	.00152	-.00035	.03705	.01334	.00002
Stddev	.00218	.00248	.00001	.00037	.00034	.00104	.00008	.00004
%RSD	40.527	311.82	.32811	24.681	98.727	2.8125	.63226	240.69

#1	.00384	-.00096	.00334	.00125	-.00059	.03778	.01328	.00005
#2	.00693	.00255	.00332	.00178	-.00010	.03631	.01340	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	3.0763	.00129	.00016	.11146	.06549	.00666	1.5772
Stddev	.00001	.0180	.00023	.00002	.00029	.00310	.00004	.0084
%RSD	20.737	.58649	17.762	13.919	.25613	4.7389	.54460	.53466

#1	.00005	3.0635	.00113	.00018	.11167	.06330	.00663	1.5712
#2	.00006	3.0890	.00145	.00015	.11126	.06768	.00668	1.5832

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	-.00063	10.411	.00122	.07026	.69566	-.00002	.01208
Stddev	.00014	.00003	.042	.00003	.00085	.00619	.00019	.00693
%RSD	4.6047	4.0333	.39999	2.2506	1.2108	.88934	1040.9	57.392

#1	.00313	-.00061	10.440	.00120	.06965	.69128	.00011	.00717
#2	.00293	-.00065	10.381	.00124	.07086	.70003	-.00015	.01698

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98962	.13144	-.00099	.00009	.04726	.0417	.01011	1.1666
Stddev	.00741	.00339	.00046	.00259	.01758	.0004	.00002	.5261
%RSD	.74878	2.5826	46.697	2738.1	37.191	.9386	.22709	45.100

#1	.98438	.13384	-.00066	.00193	.03483	.0420	.01009	.79454
#2	.99486	.12904	-.00131	-.00174	.05969	.0415	.01012	1.5386

Sample Name: J5087-03 Acquired: 9/28/2018 18:35:29 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OF-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .10595
 %RSD 26.202

#1 -.47928
 #2 -.32945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.8	69973.	4754.0	118.10	4837.4
Stddev	1.3	223.	30.2	.90	13.5
%RSD	.03895	.31864	.63457	.76151	.28003

#1	3370.7	70131.	4732.7	118.74	4847.0
#2	3368.9	69815.	4775.3	117.47	4827.9

Sample Name: J5087-04 Acquired: 9/28/2018 18:39:33 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OF-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	.00079	.00547	.00432	-.00051	.60706	.03953	.00006
Stddev	.00335	.00057	.00045	.00087	.00009	.01781	.00064	.00005
%RSD	87.326	72.378	8.1696	20.045	18.505	2.9335	1.6254	79.962

#1	.00620	.00039	.00515	.00493	-.00058	.59447	.03907	.00003
#2	.00147	.00120	.00579	.00371	-.00045	.61966	.03998	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	31.694	.00195	.00101	.25106	1.2285	.04998	4.2980
Stddev	.00000	.021	.00054	.00006	.00230	.0046	.00029	.0526
%RSD	2.3494	.06511	27.830	5.8616	.91555	.37889	.58166	1.2230

#1	.00020	31.680	.00234	.00097	.24943	1.2318	.05019	4.3352
#2	.00021	31.709	.00157	.00105	.25268	1.2252	.04978	4.2608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00342	-.00080	17.603	.00347	.32181	15.585	.00004	.05554
Stddev	.00011	.00022	.096	.00053	.00410	.059	.00029	.00666
%RSD	3.2286	27.288	.54793	15.367	1.2734	.37815	723.43	11.988

#1	.00350	-.00095	17.671	.00385	.32471	15.626	-.00016	.05083
#2	.00334	-.00064	17.535	.00309	.31891	15.543	.00024	.06024

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0205	1.0838	-.00251	.02745	.17159	.8366	.28025	3.6255
Stddev	.0211	.0122	.00026	.00072	.02537	.0051	.00138	.9391
%RSD	.26326	1.1267	10.187	2.6381	14.787	.6074	.49158	25.902

#1	8.0056	1.0924	-.00233	.02796	.18953	.8331	.28122	2.9615
#2	8.0354	1.0752	-.00269	.02693	.15365	.8402	.27927	4.2896

Sample Name: J5087-04 Acquired: 9/28/2018 18:39:33 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OF-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2662
 Stddev .1676
 %RSD 13.240

#1 1.3847
 #2 1.1476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.3	68131.	4768.9	112.06	4582.8
Stddev	11.0	224.	27.8	1.82	.8
%RSD	.33480	.32900	.58224	1.6201	.01810

#1	3297.1	67973.	4749.3	110.78	4583.4
#2	3281.5	68290.	4788.6	113.34	4582.3

Sample Name: J5090-01 Acquired: 9/28/2018 18:43:31 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02154	-.01519	.66122	.00031	.00352	98.548	1.3501	.00300
Stddev	.00167	.00104	.00370	.00506	.00140	.360	.0019	.00004
%RSD	7.7430	6.8414	.55894	1650.5	39.693	.36538	.14363	1.2818
#1	.02036	-.01445	.65860	-.00327	.00253	98.802	1.3514	.00302
#2	.02272	-.01592	.66383	.00388	.00451	98.293	1.3487	.00297
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00881	492.99	.15794	.10011	.44135	171.14	34.178	30.386
Stddev	.00028	.45	.00051	.00129	.00083	2.21	.048	.129
%RSD	3.1320	.09210	.32251	1.2928	.18875	1.2929	.14009	.42373
#1	.00862	493.31	.15830	.09919	.44194	172.70	34.212	30.477
#2	.00901	492.67	.15758	.10102	.44076	169.57	34.144	30.295
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15127	.00037	98.814	.20029	1.3981	35.316	-.00216	.20751
Stddev	.00137	.00031	.281	.00140	.0099	.037	.00056	.00298
%RSD	.90875	83.844	.28394	.70091	.70976	.10615	26.154	1.4342
#1	.15030	.00015	99.012	.20129	1.4051	35.343	-.00176	.20540
#2	.15225	.00059	98.615	.19930	1.3911	35.290	-.00255	.20961
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.873	F 95.774	.00906	2.3661	1.5319	5.570	5.7659	7.7561
Stddev	.116	.127	.00069	.0186	.0181	.034	.0130	.9254
%RSD	.73211	.13294	7.5787	.78401	1.1798	.6180	.22598	11.932
#1	15.791	95.684	.00955	2.3792	1.5191	5.546	5.7751	7.1017
#2	15.955	95.864	.00858	2.3529	1.5447	5.595	5.7567	8.4105

Sample Name: J5090-01 Acquired: 9/28/2018 18:43:31 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	47.237
Stddev	1.474
%RSD	3.1200

#1	48.279
#2	46.195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.7	66521.	4927.0	104.64	3821.6
Stddev	3.0	186.	15.8	.77	17.8
%RSD	.09272	.27940	.32157	.73905	.46502

#1	3213.6	66652.	4938.2	104.09	3834.2
#2	3217.8	66390.	4915.8	105.18	3809.0

Sample Name: J5090-02 Acquired: 9/28/2018 18:47:33 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.917	-.00928	2.5770	-.16559	.03621	45.670	7.7599
Stddev	.059	.00143	.0059	.00458	.00012	.060	.0239
%RSD	.22905	15.383	.22795	2.7684	.33839	.13150	.30738

#1	25.875	-.00827	2.5812	-.16235	.03613	45.627	7.7431
#2	25.959	-.01029	2.5729	-.16884	.03630	45.712	7.7768

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01610	.04115	93.607	.09125	.05029	2.6697	F 1060.7
Stddev	.00015	.00001	.412	.00018	.00000	.0018	4.4
%RSD	.90750	.02805	.44004	.19906	.00889	.06714	.41294

#1	.01621	.04115	93.316	.09112	.05029	2.6684	1057.6
#2	.01600	.04114	93.898	.09138	.05029	2.6710	1063.8

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3072	13.926	.12282	.00797	424.12	.18536	7.3101
Stddev	.0112	.128	.00061	.00064	2.08	.00088	.0468
%RSD	.12078	.92201	.49432	8.0502	.48944	.47423	.64036

#1	9.3152	13.835	.12239	.00751	425.59	.18474	7.2770
#2	9.2993	14.017	.12325	.00842	422.65	.18599	7.3432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.425	-.00695	.35371	15.732	F 89.739	.06868	1.1798
Stddev	.056	.00038	.00625	.062	.064	.00029	.0114
%RSD	.41364	5.4307	1.7659	.39640	.07126	.41924	.96766

#1	13.386	-.00722	.34930	15.688	89.694	.06847	1.1717
#2	13.464	-.00668	.35813	15.776	89.784	.06888	1.1878

Sample Name: J5090-02 Acquired: 9/28/2018 18:47:33 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.54990	85.90	.70615	F<.00000	F 133.01
Stddev	.00640	.10	.00371	1.0763	.83
%RSD	1.1632	.1124	.52483	1.1374	.62349
#1	.54538	85.83	.70353	-93.866	132.43
#2	.55442	85.96	.70877	-95.388	133.60
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.1	66082.	4956.9	106.71	3482.0
Stddev	.5	134.	3.3	.74	1.7
%RSD	.01716	.20310	.06595	.69632	.04773
#1	3162.5	65987.	4954.6	107.24	3483.2
#2	3161.7	66177.	4959.2	106.19	3480.8

Sample Name: J5090-03 Acquired: 9/28/2018 18:51:39 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	-.01140	.11096	-.01808	.00448	85.200	.98298
Stddev	.00401	.00025	.00122	.00110	.00225	.749	.00424
%RSD	65.180	2.1862	1.0996	6.0738	50.218	.87929	.43102

#1	.00900	-.01157	.11183	-.01730	.00607	84.670	.97998
#2	.00332	-.01122	.11010	-.01886	.00289	85.730	.98597

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	.00064	143.02	.17670	.07618	.36631	236.35
Stddev	.00003	.00002	.26	.00023	.00036	.00202	1.12
%RSD	.45480	3.0697	.17951	.12894	.46658	.55183	.47363

#1	.00616	.00066	142.84	.17686	.07593	.36488	235.56
#2	.00620	.00063	143.20	.17653	.07643	.36774	237.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.669	64.292	.11480	-.00001	421.27	.25840	.45730
Stddev	.013	.112	.00122	.00001	2.73	.00042	.00073
%RSD	.09781	.17370	1.0625	91.678	.64802	.16398	.16001

#1	13.660	64.213	.11394	-.00000	423.20	.25810	.45781
#2	13.678	64.371	.11566	-.00002	419.34	.25870	.45678

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.088	.00065	.51883	73.313	F 86.507	-.01352	2.1082
Stddev	.176	.00007	.00066	.379	.201	.00218	.0100
%RSD	.42908	10.820	.12733	.51702	.23289	16.138	.47247

#1	40.964	.00060	.51836	73.581	86.650	-.01197	2.1152
#2	41.213	.00069	.51930	73.045	86.365	-.01506	2.1011

Sample Name: J5090-03 Acquired: 9/28/2018 18:51:39 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MW-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.73071	6.179	1.3935	F<.00000	54.873
Stddev	.00154	.007	.0048	.48040	.432
%RSD	.21128	.1082	.34583	3.6182	.78708

#1	.73181	6.184	1.3901	-13.617	54.568
#2	.72962	6.175	1.3969	-12.938	55.179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.3	70797.	5354.4	107.86	3745.2
Stddev	3.8	182.	9.7	.02	22.7
%RSD	.11185	.25740	.18191	.02193	.60513

#1	3420.6	70926.	5347.5	107.88	3729.1
#2	3426.0	70668.	5361.3	107.85	3761.2

Sample Name: J5142-01 Acquired: 9/28/2018 18:55:41 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	.00258	.00183	.00711	-.00201	-.02846	.41198	.00007
Stddev	.00621	.00077	.00048	.00128	.00172	.01874	.00667	.00000
%RSD	67.178	29.749	26.167	18.018	85.532	65.847	1.6197	1.2910

#1	.00485	.00203	.00216	.00801	-.00323	-.04171	.41670	.00007
#2	.01364	.00312	.00149	.00620	-.00079	-.01521	.40726	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	313.67	-.00156	-.00006	.00318	-.08863	.00057	182.10
Stddev	.00010	2.31	.00013	.00004	.00007	.00074	.00002	.44
%RSD	42.805	.73734	8.3674	62.472	2.1025	.83842	3.5290	.24133

#1	-.00030	315.31	-.00147	-.00009	.00323	-.08810	.00055	182.41
#2	-.00016	312.04	-.00166	-.00003	.00313	-.08915	.00058	181.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	-.00079	1469.7	.00255	.04213	74.235	.00818	.67801
Stddev	.00005	.00016	20.0	.00062	.00111	.494	.00010	.00941
%RSD	3.3664	20.840	1.3618	24.151	2.6401	.66562	1.2092	1.3883

#1	-.00158	-.00090	1483.8	.00298	.04292	74.584	.00811	.67135
#2	-.00166	-.00067	1455.5	.00211	.04135	73.886	.00825	.68466

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	246.76	15.531	-.08928	-.00831	.51228	.0463	2.4205	17.729
Stddev	.71	.118	.00021	.00015	.01345	.0010	.0215	.278
%RSD	.28660	.76016	.23422	1.8230	2.6257	2.221	.88936	1.5670

#1	247.26	15.614	-.08914	-.00842	.50277	.0470	2.4358	17.532
#2	246.26	15.447	-.08943	-.00821	.52179	.0456	2.4053	17.925

Sample Name: J5142-01 Acquired: 9/28/2018 18:55:41 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6927
 Stddev .3982
 %RSD 10.782

#1 3.9742
 #2 3.4112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.7	55156.	4377.0	101.92	3423.1
Stddev	4.4	122.	39.6	2.75	7.3
%RSD	.16242	.22170	.90536	2.6960	.21471

#1	2686.8	55069.	4348.9	99.981	3417.9
#2	2680.6	55242.	4405.0	103.87	3428.3

Sample Name: CCV09 Acquired: 9/28/2018 19:07:56 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7509 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9140	4.9229	4.9400	4.9429	5.0111	9.6503	10.189	.24032
Stddev	.0410	.0341	.0321	.0301	.0306	.0963	.066	.00075
%RSD	.83352	.69288	.65090	.60921	.61083	.99778	.64905	.31222
#1	4.8850	4.8988	4.9173	4.9216	4.9895	9.7184	10.142	.24085
#2	4.9430	4.9470	4.9628	4.9642	5.0328	9.5822	10.236	.23979
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4625	24.143	.95439	2.4073	1.2156	4.8188	2.4312	23.778
Stddev	.0166	.032	.00095	.0139	.0092	.0102	.0005	.052
%RSD	.67239	.13260	.09928	.57645	.75859	.21225	.02240	.21957
#1	2.4508	24.120	.95372	2.3975	1.2091	4.8261	2.4316	23.741
#2	2.4742	24.166	.95506	2.4172	1.2221	4.8116	2.4308	23.815
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4195	1.2235	24.560	2.4303	2.5829	25.595	4.9220	4.8232
Stddev	.0115	.0027	.141	.0054	.0059	.157	.0319	.0004
%RSD	.47533	.22505	.57219	.22078	.22861	.61302	.64851	.00762
#1	2.4114	1.2254	24.461	2.4341	2.5787	25.484	4.8994	4.8229
#2	2.4276	1.2215	24.660	2.4265	2.5871	25.706	4.9446	4.8234
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8641	4.8236	4.7984	4.8433	F 30.067	4.885	4.8144	F 5.7076
Stddev	.0215	.0537	.0326	.0173	.197	.052	.0221	.4716
%RSD	.44110	1.1137	.68013	.35712	.65392	1.070	.45855	8.2625
#1	4.8489	4.7856	4.7753	4.8556	29.928	4.848	4.7988	6.0410
#2	4.8792	4.8616	4.8214	4.8311	30.206	4.922	4.8301	5.3741

Sample Name: CCV09 Acquired: 9/28/2018 19:07:56 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7509 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1062
Stddev .1119
%RSD 3.6023

#1 3.0271
#2 3.1853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.9	65964.	4573.0	108.04	4300.4
Stddev	16.0	17.	47.1	.26	26.2
%RSD	.49752	.02596	1.0294	.24355	.60875

#1	3219.2	65952.	4606.3	108.23	4318.9
#2	3196.7	65976.	4539.7	107.86	4281.9

Sample Name: CCB09 Acquired: 9/28/2018 19:11:40 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13915 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	.00029	-.00143	.00260	-.00111	.00139	-.00167	-.00003
Stddev	.00142	.00087	.00050	.00090	.00163	.00175	.00072	.00003
%RSD	37.968	299.09	34.910	34.659	147.49	126.07	43.090	112.01

#1	.00274	-.00032	-.00108	.00323	-.00226	.00263	-.00116	-.00001
#2	.00475	.00090	-.00179	.00196	.00005	.00015	-.00218	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00374	-.00033	-.00002	-.00068	.00697	.00010	.06428
Stddev	.00000	.00346	.00009	.00010	.00018	.01121	.00000	.00369
%RSD	1.5777	92.494	26.139	498.45	26.774	160.88	2.3056	5.7399

#1	.00011	-.00130	-.00039	.00005	-.00055	-.00096	.00010	.06167
#2	.00011	-.00619	-.00027	-.00009	-.00081	.01489	.00010	.06689

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00080	.14728	.00041	-.00020	.09642	.00063	-.00338
Stddev	.00001	.00016	.00874	.00059	.00000	.00109	.00011	.01546
%RSD	1.4534	19.487	5.9334	146.04	1.4494	1.1345	16.753	457.54

#1	.00081	-.00069	.14110	-.00001	-.00020	.09564	.00070	-.01431
#2	.00082	-.00091	.15346	.00083	-.00020	.09719	.00055	.00755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08021	.00233	-.00049	-.00032	F .06402	-.0013	-.00002	F 2.7317
Stddev	.00277	.00054	.00049	.00116	.01588	.0003	.00017	.9063
%RSD	3.4580	23.022	99.891	360.25	24.809	27.40	720.25	33.176

#1	.08217	.00195	-.00084	.00050	.07525	-.0010	-.00015	3.3726
#2	.07825	.00271	-.00014	-.00114	.05279	-.0015	.00010	2.0909

Sample Name: CCB09 Acquired: 9/28/2018 19:11:40 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13915 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .08005
Stddev	.22674
%RSD	283.26

#1	.24038
#2	-.08028

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.5	68953.	4626.9	112.68	4815.6
Stddev	12.0	504.	81.6	.06	7.5
%RSD	.36000	.73052	1.7641	.04992	.15500

#1	3338.0	68597.	4569.1	112.64	4810.3
#2	3355.0	69309.	4684.6	112.72	4820.9

Sample Name: J4771-06 Acquired: 9/28/2018 19:15:45 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	-.00072	.00078	.00663	-.00237	.01659	.28735	-.00004
Stddev	.00228	.00133	.00017	.00147	.00045	.01176	.00028	.00003
%RSD	44.023	185.90	21.710	22.230	18.778	70.876	.09858	90.785

#1	.00357	.00023	.00090	.00767	-.00268	.02491	.28715	-.00006
#2	.00681	-.00166	.00066	.00558	-.00206	.00828	.28755	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	66.006	-.00165	.01024	.00546	.00069	2.6140	7.7009
Stddev	.00001	.646	.00040	.00019	.00019	.00688	.0024	.0495
%RSD	699.20	.97872	24.120	1.8314	3.3980	1003.9	.09373	.64333

#1	-.00000	65.550	-.00137	.01037	.00533	-.00418	2.6122	7.7359
#2	.00001	66.463	-.00193	.01011	.00559	.00555	2.6157	7.6659

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01002	-.00110	276.97	-.00200	.04042	1.6563	-.00004	.02738
Stddev	.00019	.00012	2.96	.00032	.00037	.0119	.00053	.00316
%RSD	1.9348	11.016	1.0678	15.834	.91019	.71903	1492.6	11.539

#1	.01016	-.00102	274.88	-.00177	.04016	1.6479	.00034	.02961
#2	.00988	-.00119	279.06	-.00222	.04068	1.6647	-.00041	.02514

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3675	4.1604	.00086	-.00140	.11468	.0074	.36054	8.1976
Stddev	.0025	.0408	.00085	.00088	.01193	.0004	.00300	.3695
%RSD	.18371	.98078	99.447	62.457	10.403	5.650	.83096	4.5073

#1	1.3693	4.1315	.00025	-.00078	.10624	.0071	.35842	7.9363
#2	1.3658	4.1892	.00146	-.00202	.12311	.0077	.36266	8.4589

Sample Name: J4771-06 Acquired: 9/28/2018 19:15:45 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6303
Stddev .4720
%RSD 28.954

#1 1.2965
#2 1.9641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3107.5	63826.	4553.7	107.00	4125.6
Stddev	17.1	98.	50.4	.61	13.0
%RSD	.55108	.15287	1.1062	.56675	.31603

#1	3095.4	63895.	4589.3	107.43	4116.4
#2	3119.6	63757.	4518.1	106.58	4134.8

Sample Name: J4771-06DUP Acquired: 9/28/2018 19:19:52 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	-.00106	.00195	.00674	-.00193	-.00434	.28572	-.00017
Stddev	.00115	.00017	.00026	.00557	.00211	.02346	.00056	.00000
%RSD	30.949	16.371	13.117	82.745	109.21	540.53	.19735	1.3974

#1	.00451	-.00093	.00213	.00279	-.00342	.01225	.28532	-.00017
#2	.00289	-.00118	.00177	.01068	-.00044	-.02093	.28611	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	65.995	-.00188	.01005	.00495	-.00154	2.6166	7.6831
Stddev	.00009	.011	.00035	.00009	.00030	.01453	.0055	.0208
%RSD	64.061	.01597	18.364	.85068	5.9716	941.73	.20851	.27101

#1	.00007	66.003	-.00213	.00999	.00516	-.01182	2.6127	7.6978
#2	.00019	65.988	-.00164	.01011	.00474	.00873	2.6204	7.6684

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00962	-.00066	273.67	-.00189	.04060	1.6287	-.00030	.02730
Stddev	.00034	.00029	.70	.00021	.00048	.0154	.00035	.01159
%RSD	3.4837	44.750	.25744	11.108	1.1854	.94440	117.09	42.463

#1	.00938	-.00045	273.17	-.00174	.04026	1.6396	-.00054	.03549
#2	.00985	-.00087	274.17	-.00204	.04094	1.6178	-.00005	.01910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3712	4.1650	.00087	-.00115	.10739	.0072	.36138	7.4865
Stddev	.0115	.0552	.00066	.00082	.00538	.0007	.00055	.6985
%RSD	.83909	1.3251	75.584	70.849	5.0093	9.627	.15343	9.3302

#1	1.3794	4.2040	.00134	-.00058	.11119	.0067	.36099	6.9926
#2	1.3631	4.1259	.00041	-.00173	.10358	.0077	.36177	7.9804

Sample Name: J4771-06DUP Acquired: 9/28/2018 19:19:52 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8153
Stddev	.4072
%RSD	22.432

#1	1.5273
#2	2.1032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.8	63923.	4578.4	107.42	4128.9
Stddev	6.5	87.	18.0	.87	18.7
%RSD	.20872	.13663	.39363	.81028	.45307

#1	3107.2	63861.	4565.6	108.03	4115.7
#2	3116.3	63985.	4591.1	106.80	4142.1

Sample Name: J4771-06LX5 Acquired: 9/28/2018 19:24:01 Type: Unk
Method: P4-ICP2(v2464) 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	.00236	.00144	-.00129	.00123	-.00115	.00113	.05314	.00000
Stddev	.00382	.00026	.00141	.00089	.00018	.00904	.00001	.00005
%RSD	161.92	18.275	109.21	71.877	16.048	796.36	.01150	7565.3

#1	-.00034	.00125	-.00029	.00061	-.00128	-.00526	.05314	.00004
#2	.00506	.00162	-.00229	.00186	-.00102	.00753	.05314	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	13.215	.01647	.00201	.00160	.06905	.52117	1.5523
Stddev	.00008	.036	.00007	.00047	.00024	.00940	.00077	.0074
%RSD	73.851	.27308	.45492	23.477	15.271	13.620	.14818	.47383

#1	.00005	13.189	.01652	.00167	.00177	.07570	.52062	1.5471
#2	.00016	13.240	.01641	.00234	.00143	.06240	.52171	1.5575

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01237	-.00098	55.534	-.00005	.00841	.39922	.00199	.00925
Stddev	.00032	.00036	.185	.00044	.00028	.00761	.00020	.00086
%RSD	2.5937	37.183	.33238	914.20	3.3007	1.9072	10.245	9.2508

#1	.01260	-.00072	55.403	.00026	.00822	.39383	.00184	.00865
#2	.01215	-.00123	55.664	-.00036	.00861	.40460	.00213	.00986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30203	.85126	-.00032	-.00195	.07601	-.0008	.07194	3.1548
Stddev	.00231	.00283	.00004	.00397	.01015	.0019	.00004	.0408
%RSD	.76647	.33240	13.322	203.10	13.359	250.4	.05772	1.2932

#1	.30039	.84926	-.00035	.00085	.06883	.0006	.07191	3.1260
#2	.30367	.85326	-.00029	-.00476	.08319	-.0021	.07197	3.1837

Sample Name: J4771-06LX5 Acquired: 9/28/2018 19:24:01 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .66901
Stddev .09885
%RSD 14.775

#1 .73891
#2 .59912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.6	67517.	4657.5	112.10	4538.8
Stddev	15.7	123.	12.3	2.02	14.8
%RSD	.47799	.18202	.26415	1.8015	.32530

#1	3275.5	67604.	4666.2	113.53	4528.4
#2	3297.7	67430.	4648.8	110.67	4549.2

Sample Name: J4771-06MS Acquired: 9/28/2018 19:28:04 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 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	.87231	2.0787	1.0554	2.1761	.83074	2.0695	.49494	.20608	.21401
Stddev	.00316	.0108	.0071	.0138	.00857	.0178	.00542	.00053	.00130
%RSD	.36245	.51794	.67440	.63620	1.0316	.85837	1.0955	.25775	.60932

#1	.87454	2.0711	1.0503	2.1663	.82468	2.0821	.49111	.20571	.21308
#2	.87007	2.0864	1.0604	2.1859	.83680	2.0569	.49878	.20646	.21493

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.838	.41137	.21688	.31414	3.1129	2.7412	9.6478	.52781	.07551
Stddev	.787	.00021	.00044	.00246	.0169	.0011	.1312	.00389	.00124
%RSD	1.1961	.05150	.20427	.78460	.54299	.04126	1.3601	.73735	1.6468

#1	65.282	.41122	.21656	.31240	3.1249	2.7420	9.5550	.52506	.07463
#2	66.395	.41152	.21719	.31588	3.1010	2.7404	9.7406	.53056	.07639

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	274.53	.31544	.25613	12.546	.43246	.32162	1.3247	5.0390	.73193
Stddev	1.89	.00023	.00101	.071	.00313	.00793	.0095	.0602	.00309
%RSD	.68985	.07440	.39368	.56416	.72468	2.4656	.71436	1.1954	.42278

#1	273.19	.31560	.25685	12.496	.43024	.31601	1.3180	4.9964	.72974
#2	275.87	.31527	.25542	12.596	.43467	.32723	1.3314	5.0816	.73412

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21131	1.9903	6.456	.55600	6.7165	1.7283
Stddev	.00038	.0242	.029	.00660	.6124	.0863
%RSD	.18033	1.2134	.4562	1.1879	9.1173	4.9957

#1	.21104	1.9733	6.436	.55133	7.1495	1.7894
#2	.21158	2.0074	6.477	.56067	6.2835	1.6673

Sample Name: J4771-06MS Acquired: 9/28/2018 19:28:04 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 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	3129.0	64865.	4570.2	108.16	4143.3
Stddev	2.9	91.	44.3	.84	1.0
%RSD	.09203	.14073	.96837	.77597	.02442
#1	3131.1	64801.	4601.4	107.56	4142.5
#2	3127.0	64930.	4538.9	108.75	4144.0

Sample Name: J4771-06MSD Acquired: 9/28/2018 19:32:00 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 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	.86791	2.0787	1.0595	2.1786	.83346	2.0776	.49495	.20645	.21455
Stddev	.00378	.0003	.0006	.0028	.00206	.0140	.00279	.00030	.00021
%RSD	.43553	.01425	.05706	.12806	.24695	.67220	.56381	.14583	.09782

#1	.87059	2.0785	1.0591	2.1806	.83492	2.0874	.49298	.20624	.21470
#2	.86524	2.0789	1.0600	2.1766	.83201	2.0677	.49692	.20666	.21440

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.524	.41391	.21863	.31317	3.1316	2.7600	9.6458	.53025	.07502
Stddev	.335	.00053	.00013	.00001	.1113	.0002	.0379	.00030	.00043
%RSD	.50399	.12708	.05885	.00259	3.5525	.00828	.39288	.05630	.57480

#1	66.287	.41354	.21854	.31317	3.0530	2.7598	9.6190	.53004	.07472
#2	66.761	.41428	.21872	.31318	3.2103	2.7601	9.6726	.53046	.07533

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	275.18	.31799	.25641	12.561	.43514	.33413	1.3156	5.0080	.73599
Stddev	3.01	.00045	.00900	.005	.00143	.00897	.0037	.0536	.00067
%RSD	1.0923	.14188	3.5095	.03754	.32817	2.6843	.27707	1.0711	.09139

#1	273.05	.31767	.25005	12.558	.43615	.32779	1.3182	4.9700	.73551
#2	277.30	.31831	.26277	12.565	.43413	.34047	1.3131	5.0459	.73646

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21315	2.0222	6.467	.55895	6.8297	2.4787
Stddev	.00202	.0068	.014	.00081	1.1039	.0756
%RSD	.94706	.33536	.2104	.14460	16.164	3.0503

#1	.21172	2.0270	6.476	.55838	7.6103	2.4253
#2	.21457	2.0174	6.457	.55952	6.0491	2.5322

Sample Name: J4771-06MSD Acquired: 9/28/2018 19:32:00 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-08-092718 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	3123.0	64391.	4556.5	108.23	4133.3
Stddev	12.7	199.	49.6	4.16	14.2
%RSD	.40818	.30932	1.0896	3.8459	.34309
#1	3132.0	64250.	4591.6	111.17	4143.3
#2	3114.0	64532.	4521.4	105.29	4123.3

Sample Name: J4771-06A Acquired: 9/28/2018 19:35:56 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7511 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	.86053	2.0606	1.0484	2.1611	.82791	2.0616	.49747	.20609	.21356
Stddev	.00041	.0113	.0055	.0058	.00465	.0037	.00016	.00066	.00026
%RSD	.04799	.54694	.52027	.26906	.56203	.18052	.03154	.32183	.12201

#1	.86024	2.0526	1.0445	2.1570	.82462	2.0589	.49758	.20655	.21337
#2	.86082	2.0685	1.0522	2.1652	.83120	2.0642	.49736	.20562	.21374

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.558	.40767	.21638	.31240	3.1155	2.7678	9.7754	.52471	.07489
Stddev	.356	.00037	.00035	.00021	.0080	.0083	.0145	.00169	.00109
%RSD	.53557	.09018	.16128	.06685	.25661	.30056	.14863	.32189	1.4557

#1	66.306	.40793	.21614	.31255	3.1098	2.7737	9.7856	.52352	.07412
#2	66.810	.40741	.21663	.31225	3.1211	2.7619	9.7651	.52590	.07566

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	274.94	.31797	.26034	12.699	.43254	.34143	1.3055	5.0128	.72857
Stddev	1.58	.00052	.00006	.039	.00093	.00732	.0021	.0240	.00078
%RSD	.57354	.16241	.02380	.30606	.21572	2.1425	.16231	.47831	.10712

#1	276.05	.31761	.26030	12.672	.43188	.34661	1.3070	4.9958	.72913
#2	273.82	.31834	.26038	12.727	.43320	.33626	1.3040	5.0297	.72802

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21046	2.0266	6.383	.55682	8.1154	2.5330
Stddev	.00452	.0226	.016	.00062	.1013	.2453
%RSD	2.1485	1.1166	.2561	.11104	1.2487	9.6858

#1	.20726	2.0106	6.371	.55726	8.1871	2.3595
#2	.21366	2.0426	6.395	.55638	8.0438	2.7065

Sample Name: J4771-06A Acquired: 9/28/2018 19:35:56 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7511 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	3131.7	64027.	4485.8	106.09	4153.9
Stddev	.7	144.	3.1	.26	3.3
%RSD	.02138	.22534	.06952	.24505	.07852
#1	3131.2	63925.	4483.6	105.91	4151.5
#2	3132.2	64129.	4488.0	106.27	4156.2

Sample Name: J4776-06 Acquired: 9/28/2018 19:39:51 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	-.00312	.00080	.00592	-.00138	.11093	.12874	.00004
Stddev	.00038	.00016	.00027	.00054	.00048	.00823	.00030	.00004
%RSD	13.485	5.2119	33.761	9.0968	35.034	7.4160	.23558	109.12

#1	.00313	-.00300	.00099	.00554	-.00173	.11675	.12853	.00006
#2	.00258	-.00323	.00061	.00630	-.00104	.10512	.12896	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	11.527	-.00020	.00971	.00690	6.3685	1.1223	1.6898
Stddev	.00006	.029	.00036	.00010	.00023	.1307	.0003	.0165
%RSD	59.126	.24782	184.02	1.0290	3.2652	2.0528	.02293	.97409

#1	.00014	11.506	.00006	.00964	.00706	6.4609	1.1221	1.7014
#2	.00006	11.547	-.00046	.00978	.00674	6.2761	1.1225	1.6782

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00346	-.00072	305.77	-.00057	.03307	.97350	-.00006	.00883
Stddev	.00016	.00040	1.31	.00063	.00087	.00778	.00006	.00213
%RSD	4.7115	55.369	.42886	110.91	2.6172	.79938	103.43	24.154

#1	.00334	-.00044	306.70	-.00012	.03368	.97900	-.00010	.01034
#2	.00357	-.00100	304.84	-.00102	.03246	.96799	-.00001	.00732

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20803	.85700	.00156	.00230	.07549	.0031	.05635	6.9296
Stddev	.00089	.00190	.00002	.00132	.01333	.0009	.00002	.0720
%RSD	.42867	.22201	1.4515	57.595	17.656	29.56	.03783	1.0389

#1	.20866	.85565	.00157	.00136	.06606	.0038	.05634	6.9805
#2	.20740	.85835	.00154	.00323	.08491	.0025	.05637	6.8787

Sample Name: J4776-06 Acquired: 9/28/2018 19:39:51 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.0176
 Stddev .4319
 %RSD 8.6086

#1 4.7121
 #2 5.3230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.1	64058.	4480.2	107.15	4151.3
Stddev	11.1	3.	22.8	2.74	30.2
%RSD	.35326	.00509	.50907	2.5607	.72817

#1	3135.9	64060.	4464.1	105.21	4172.7
#2	3120.3	64055.	4496.3	109.09	4129.9

Sample Name: J4776-08 Acquired: 9/28/2018 19:43:59 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00036	.01251	.00664	-.00135	.06407	.10122	.00004
Stddev	.00080	.00105	.00114	.00066	.00010	.00452	.00059	.00002
%RSD	100.85	292.57	9.0858	9.9310	7.4620	7.0473	.58211	44.338

#1	-.00023	-.00111	.01331	.00710	-.00142	.06727	.10164	.00006
#2	-.00136	.00039	.01171	.00617	-.00128	.06088	.10080	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	14.105	-.00074	.00485	.00301	.08964	.80656	1.1711
Stddev	.00008	.005	.00003	.00002	.00030	.01199	.00525	.0051
%RSD	28.662	.03891	4.0506	.45438	10.054	13.379	.65049	.43279

#1	.00023	14.101	-.00076	.00487	.00280	.08116	.80285	1.1675
#2	.00034	14.109	-.00072	.00484	.00323	.09812	.81027	1.1747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00072	231.09	-.00094	.02233	1.2379	-.00028	-.00093
Stddev	.00023	.00028	2.74	.00002	.00022	.0213	.00025	.00361
%RSD	9.6772	39.339	1.1839	1.6537	1.0004	1.7234	89.175	386.54

#1	.00224	-.00092	233.02	-.00096	.02217	1.2529	-.00010	.00162
#2	.00257	-.00052	229.15	-.00093	.02249	1.2228	-.00045	-.00349

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29712	.92182	.00027	-.00052	.09301	.0038	.07444	6.4723
Stddev	.00185	.00840	.00071	.00205	.00112	.0010	.00031	.1131
%RSD	.62384	.91160	259.73	393.23	1.2027	27.47	.41617	1.7479

#1	.29843	.92776	-.00023	-.00197	.09221	.0046	.07466	6.3923
#2	.29581	.91588	.00077	.00093	.09380	.0031	.07422	6.5523

Sample Name: J4776-08 Acquired: 9/28/2018 19:43:59 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6092
 Stddev .3629
 %RSD 22.548

#1 1.3526
 #2 1.8658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.4	64946.	4581.2	108.98	4261.2
Stddev	.5	50.	25.4	.83	3.0
%RSD	.01505	.07643	.55412	.76338	.07058

#1	3175.7	64981.	4563.2	109.57	4263.4
#2	3175.0	64910.	4599.1	108.39	4259.1

Sample Name: J4776-10 Acquired: 9/28/2018 19:48:08 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	-.00092	.00309	.00643	-.00046	.04957	.11373	.00009
Stddev	.00170	.00001	.00050	.00318	.00046	.00791	.00036	.00002
%RSD	57.195	.93247	16.079	49.490	100.21	15.956	.31417	20.790

#1	.00177	-.00091	.00274	.00418	-.00013	.04398	.11348	.00010
#2	.00418	-.00092	.00344	.00869	-.00079	.05517	.11399	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	8.7036	-.00060	.00575	.00965	.27264	.85013	.90268
Stddev	.00002	.0679	.00017	.00042	.00015	.01269	.00179	.03064
%RSD	17.860	.78054	28.969	7.3043	1.5105	4.6553	.21006	3.3943

#1	.00009	8.6556	-.00072	.00605	.00976	.28161	.85139	.88101
#2	.00011	8.7516	-.00047	.00545	.00955	.26366	.84886	.92434

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00104	259.96	-.00049	.02368	.91177	-.00008	.01194
Stddev	.00034	.00067	.46	.00062	.00008	.01147	.00002	.00758
%RSD	22.720	63.974	.17602	125.65	.32140	1.2576	25.815	63.487

#1	.00125	-.00151	259.64	-.00006	.02374	.91987	-.00010	.00658
#2	.00173	-.00057	260.29	-.00093	.02363	.90366	-.00007	.01729

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23068	.43195	.00027	-.00016	.08327	.0041	.04806	6.3878
Stddev	.00190	.00561	.00015	.00070	.00842	.0010	.00003	.2082
%RSD	.82206	1.2993	56.785	444.42	10.114	25.10	.07136	3.2592

#1	.23202	.42798	.00016	-.00065	.07731	.0048	.04803	6.2406
#2	.22934	.43592	.00037	.00034	.08922	.0034	.04808	6.5351

Sample Name: J4776-10 Acquired: 9/28/2018 19:48:08 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1931
 Stddev .1689
 %RSD 14.160

#1 1.3126
 #2 1.0736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.4	64911.	4529.9	108.68	4237.6
Stddev	5.7	222.	11.5	1.10	.9
%RSD	.17970	.34194	.25288	1.0149	.02013

#1	3168.4	64754.	4538.0	107.90	4238.2
#2	3160.4	65068.	4521.8	109.46	4237.0

Sample Name: J4777-34 Acquired: 9/28/2018 19:52:17 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00413	-.00157	.00275	.00590	-.00083	.32306	.16252	.00003
Stddev	.00155	.00095	.00013	.00043	.00217	.00811	.00056	.00010
%RSD	37.447	60.614	4.6956	7.3230	262.13	2.5114	.34675	347.44

#1	.00522	-.00090	.00265	.00620	-.00236	.31732	.16292	.00010
#2	.00303	-.00224	.00284	.00559	.00071	.32880	.16213	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	53.163	-.00057	.00180	.00531	.22432	1.0165	2.3860
Stddev	.00000	.099	.00049	.00022	.00041	.00424	.0007	.0197
%RSD	.15409	.18707	85.053	12.066	7.6727	1.8918	.06735	.82727

#1	.00033	53.233	-.00023	.00165	.00560	.22732	1.0160	2.4000
#2	.00033	53.093	-.00092	.00196	.00502	.22132	1.0170	2.3720

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00077	292.26	.00001	.03329	1.0017	-.00015	.03868
Stddev	.00010	.00012	3.99	.00025	.00151	.0061	.00014	.02302
%RSD	77.597	15.222	1.3660	1683.2	4.5292	.61203	91.353	59.524

#1	.00020	-.00085	295.08	-.00016	.03436	1.0061	-.00025	.05496
#2	.00006	-.00068	289.43	.00019	.03222	.99738	-.00005	.02240

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91715	.64004	.00098	.00816	.10787	.0095	.18754	7.5928
Stddev	.00310	.01134	.00003	.00015	.02140	.0009	.00053	.1654
%RSD	.33805	1.7718	3.3773	1.8155	19.835	9.979	.28064	2.1778

#1	.91496	.64806	.00095	.00806	.09274	.0102	.18717	7.7097
#2	.91935	.63203	.00100	.00827	.12300	.0088	.18791	7.4759

Sample Name: J4777-34 Acquired: 9/28/2018 19:52:17 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0250
 Stddev .3541
 %RSD 17.486

#1 2.2753
 #2 1.7746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.4	63896.	4516.4	105.42	4132.0
Stddev	19.3	26.	41.9	5.16	12.6
%RSD	.62059	.04069	.92729	4.8943	.30426

#1	3103.7	63877.	4486.8	101.77	4123.1
#2	3131.0	63914.	4546.0	109.07	4140.9

Sample Name: CCV10 Acquired: 9/28/2018 19:56:25 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13917 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9466	4.9488	4.9764	4.9757	5.0148	9.5679	10.162	.24035
Stddev	.0026	.0001	.0016	.0079	.0040	.1014	.083	.00029
%RSD	.05346	.00308	.03243	.15965	.08059	1.0602	.82110	.12153
#1	4.9485	4.9489	4.9776	4.9814	5.0177	9.4961	10.221	.24014
#2	4.9447	4.9487	4.9753	4.9701	5.0120	9.6396	10.103	.24056
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4768	24.328	.95089	2.4264	1.2201	4.8258	2.4202	23.819
Stddev	.0019	.180	.00339	.0031	.0020	.0881	.0053	.131
%RSD	.07573	.73937	.35701	.12677	.16137	1.8265	.21772	.54967
#1	2.4782	24.201	.95329	2.4286	1.2187	4.8881	2.4240	23.727
#2	2.4755	24.455	.94849	2.4242	1.2215	4.7635	2.4165	23.912
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4385	1.2185	24.678	2.4254	2.5939	25.545	4.9440	4.7833
Stddev	.0017	.0072	.177	.0133	.0666	.142	.0041	.0013
%RSD	.06893	.58894	.71606	.54613	2.5690	.55492	.08293	.02675
#1	2.4397	1.2236	24.803	2.4348	2.6410	25.645	4.9469	4.7824
#2	2.4373	1.2134	24.553	2.4161	2.5468	25.444	4.9411	4.7842
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8279	4.8402	4.8352	4.8533	F 29.951	4.925	4.8356	5.2763
Stddev	.0295	.0274	.0139	.0027	.185	.025	.0416	.9552
%RSD	.61048	.56606	.28753	.05458	.61777	.5008	.86034	18.103
#1	4.8487	4.8596	4.8450	4.8514	30.082	4.943	4.8651	5.9517
#2	4.8071	4.8208	4.8253	4.8551	29.820	4.908	4.8062	4.6008

Sample Name: CCV10 Acquired: 9/28/2018 19:56:25 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13917 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1396
Stddev	.0770
%RSD	2.4534

#1	3.0852
#2	3.1941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3218.8	66674.	4598.6	108.58	4298.5
Stddev	2.1	126.	24.6	2.54	.3
%RSD	.06531	.18836	.53550	2.3365	.00733

#1	3220.2	66763.	4581.2	106.78	4298.2
#2	3217.3	66585.	4616.0	110.37	4298.7

Sample Name: CCB10 Acquired: 9/28/2018 20:00:10 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13917 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	.00032	-.00177	.00110	-.00050	-.00235	-.00351
Stddev	.00106	.00016	.00052	.00176	.00192	.00252	.00009
%RSD	39.031	49.397	29.059	160.57	381.30	107.34	2.4486

#1	.00346	.00043	-.00141	.00234	-.00186	-.00413	-.00345
#2	.00197	.00021	-.00214	-.00015	.00085	-.00057	-.00357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00006	-.01716	-.00041	-.00004	-.00022	.00651
Stddev	.00001	.00003	.01542	.00030	.00003	.00000	.01534
%RSD	89.457	44.379	89.854	73.262	69.803	.69582	235.74

#1	-.00000	.00004	-.00626	-.00020	-.00002	-.00022	.01736
#2	-.00002	.00008	-.02806	-.00062	-.00006	-.00022	-.00434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01636	.00110	-.00082	.13719	.00028	-.00034
Stddev	.00004	.00981	.00033	.00046	.00103	.00009	.00011
%RSD	73.819	59.975	29.825	56.771	.74918	32.466	33.540

#1	-.00008	.02330	.00087	-.00114	.13646	.00022	-.00026
#2	-.00003	.00942	.00133	-.00049	.13791	.00035	-.00042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00096	-.00027	F .02787	-.00059	-.00083	-.00126
Stddev	.01129	.00009	.00663	.00042	.00263	.00098	.00065
%RSD	2075.8	9.2410	2500.3	1.4972	446.28	117.47	51.373

#1	.00853	.00103	.00442	.02816	.00127	-.00152	-.00171
#2	-.00744	.00090	-.00495	.02757	-.00245	-.00014	-.00080

Sample Name: CCB10 Acquired: 9/28/2018 20:00:10 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13917 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .07392	-.0011	-.00011	F 2.5214	F<.00000
Stddev	.00029	.0001	.00002	.1242	.50907
%RSD	.39710	6.660	18.358	4.9253	230.21

#1	.07413	-.0010	-.00013	2.6092	-.58110
#2	.07371	-.0011	-.00010	2.4336	.13883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.9	69559.	4659.2	111.98	4840.6
Stddev	2.9	84.	32.9	2.43	5.0
%RSD	.08436	.12039	.70543	2.1722	.10367

#1	3381.9	69500.	4636.0	110.26	4837.0
#2	3385.9	69618.	4682.4	113.70	4844.1

Sample Name: J5033-24DLX5 Acquired: 9/28/2018 20:04:15 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13915 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00505	-.00010	-.00057	.00337	-.00093	.01310	.01063
Stddev	.00295	.00123	.00025	.00194	.00070	.00598	.00023
%RSD	58.550	1200.1	44.492	57.443	75.274	45.661	2.1866

#1	.00296	.00077	-.00075	.00200	-.00044	.01733	.01047
#2	.00714	-.00098	-.00039	.00474	-.00143	.00887	.01080

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00004	F 5.5417	F .01739	.00005	.00028	.04918
Stddev	.00008	.00005	.0028	.00066	.00008	.00018	.00698
%RSD	145.70	117.09	.05038	3.7705	172.30	63.361	14.187

#1	.00011	.00008	5.5437	.01693	-.00001	.00041	.04425
#2	-.00000	.00001	5.5398	.01786	.00010	.00016	.05412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	F 1.8909	.00761	-.00066	F 29.560	.00043	.01321
Stddev	.00006	.0095	.00018	.00051	.035	.00015	.00000
%RSD	2.7117	.50256	2.4282	76.336	.11750	35.529	.01558

#1	.00207	1.8976	.00748	-.00030	29.536	.00032	.01321
#2	.00199	1.8842	.00774	-.00102	29.585	.00054	.01320

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76587	.00099	.00558	F 1.3935	F .71612	-.00048	.00097
Stddev	.01175	.00014	.00654	.0046	.00118	.00007	.00334
%RSD	1.5347	13.842	117.12	.32850	.16414	14.181	344.85

#1	.77418	.00109	.01020	1.3902	.71695	-.00052	.00333
#2	.75755	.00089	.00096	1.3967	.71529	-.00043	-.00139

Sample Name: J5033-24DLX5 Acquired: 9/28/2018 20:04:15 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13915 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06125	.0019	F .03768	F 3.6132	F<.00000
Stddev	.01623	.0014	.00010	.7619	.14214
%RSD	26.497	74.57	.26129	21.088	133.77

#1	.07272	.0009	.03775	3.0744	-.00575
#2	.04977	.0029	.03761	4.1519	-.20677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3313.2	68070.	4621.7	109.54	4657.8
Stddev	1.3	160.	28.4	.59	5.3
%RSD	.03972	.23568	.61509	.53923	.11272

#1	3312.3	68183.	4641.8	109.13	4654.1
#2	3314.1	67957.	4601.6	109.96	4661.5

Sample Name: J5033-24DUPDLX5 Acquired: 9/28/2018 20:08:18 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	.00061	-.00102	.00317	.00001	.00967	.01164	.00002
Stddev	.00000	.00118	.00080	.00375	.00079	.01268	.00007	.00008
%RSD	.11763	193.74	78.586	118.20	7510.7	131.16	.59386	393.31

#1	.00264	.00145	-.00045	.00582	-.00055	.00070	.01159	-.00004
#2	.00264	-.00023	-.00159	.00052	.00057	.01864	.01169	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	5.5784	.01702	.00016	.00092	.03994	.00202	1.9086
Stddev	.00001	.0848	.00006	.00017	.00002	.01517	.00007	.0335
%RSD	22.910	1.5196	.38031	104.47	1.8040	37.978	3.4724	1.7539

#1	.00005	5.6383	.01706	.00028	.00091	.02922	.00197	1.8849
#2	.00007	5.5184	.01697	.00004	.00093	.05067	.00207	1.9322

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00778	-.00071	30.058	-.00003	.01344	.76163	.00104	.00879
Stddev	.00013	.00059	.318	.00016	.00037	.02638	.00020	.00382
%RSD	1.7116	83.721	1.0569	590.59	2.7878	3.4634	19.464	43.447

#1	.00787	-.00113	30.283	-.00014	.01317	.74297	.00090	.00609
#2	.00768	-.00029	29.834	.00008	.01370	.78028	.00119	.01149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3888	.72100	-.00053	-.00036	.08220	.0000	.03815	4.3990
Stddev	.0024	.00759	.00027	.00352	.00133	.0009	.00056	.2823
%RSD	.17028	1.0524	51.784	982.28	1.6137	1887.	1.4759	6.4177

#1	1.3871	.72636	-.00034	-.00285	.08314	-.0006	.03855	4.5986
#2	1.3905	.71563	-.00072	.00213	.08126	.0007	.03776	4.1993

Sample Name: J5033-24DUPDLX5 Acquired: 9/28/2018 20:08:18 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .57469
 Stddev .00364
 %RSD .63343

#1 .57212
 #2 .57727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.5	68098.	4559.1	107.81	4655.1
Stddev	5.0	176.	48.6	2.08	2.1
%RSD	.15052	.25792	1.0664	1.9321	.04581

#1	3305.0	67973.	4524.7	109.28	4656.6
#2	3312.0	68222.	4593.5	106.34	4653.6

Sample Name: J5033-24LDLX25 Acquired: 9/28/2018 20:12:21 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00225	.00110	-.00119	.00237	.00002	.00379	.00061	.00005
Stddev	.00182	.00080	.00045	.00279	.00125	.01877	.00061	.00001
%RSD	80.754	72.550	37.976	117.63	5194.5	494.58	99.927	30.509

#1	.00096	.00054	-.00087	.00040	.00091	-.00948	.00018	.00006
#2	.00353	.00167	-.00151	.00435	-.00086	.01707	.00104	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	1.1351	.00866	-.00007	-.00008	.02263	.00109	.39673
Stddev	.00011	.0059	.00048	.00017	.00024	.00924	.00004	.04712
%RSD	1741.5	.51924	5.5521	244.35	295.30	40.827	3.2563	11.878

#1	.00007	1.1310	.00832	.00005	.00009	.01610	.00111	.43005
#2	-.00009	1.1393	.00900	-.00019	-.00025	.02917	.00106	.36341

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	-.00100	6.2108	-.00005	.00260	.17648	.00078	.00392
Stddev	.00020	.00026	.0220	.00026	.00011	.02946	.00033	.00420
%RSD	3.4832	26.050	.35480	492.41	4.1818	16.691	41.864	107.10

#1	.00551	-.00081	6.1952	-.00023	.00252	.15565	.00102	.00689
#2	.00579	-.00118	6.2264	.00013	.00267	.19731	.00055	.00095

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30286	.14510	-.00105	-.00104	.06162	.0007	.00764	4.0612
Stddev	.00294	.00016	.00028	.00150	.00964	.0018	.00001	.1233
%RSD	.97106	.11308	26.846	144.06	15.639	239.1	.07746	3.0360

#1	.30494	.14522	-.00085	-.00210	.06844	.0020	.00764	4.1484
#2	.30078	.14499	-.00125	.00002	.05481	-.0005	.00765	3.9740

Sample Name: J5033-24LDLX25 Acquired: 9/28/2018 20:12:21 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.42323
%RSD	136.97

#1	-.00972
#2	-.60825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3362.1	68697.	4641.4	112.77	4816.8
Stddev	2.7	522.	26.0	2.13	6.2
%RSD	.07924	.75931	.56065	1.8879	.12971

#1	3360.2	68329.	4623.0	114.27	4821.2
#2	3363.9	69066.	4659.8	111.26	4812.4

Sample Name: J5033-24MSDLX5 Acquired: 9/28/2018 20:16:26 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.14908	.36469	.17797	.36391	.14111	.35779	.04815	.03520	.03554
Stddev	.00029	.00090	.00063	.00693	.00065	.00372	.00036	.00003	.00017
%RSD	.19500	.24611	.35454	1.9054	.45918	1.0395	.75080	.09362	.48140
#1	.14929	.36532	.17752	.36881	.14157	.35516	.04790	.03518	.03566
#2	.14888	.36406	.17842	.35900	.14065	.36042	.04841	.03523	.03542
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2410	.08417	.03461	.05504	.56260	.03859	2.0392	.09213	.01205
Stddev	.0237	.00028	.00003	.00011	.01091	.00005	.0085	.00049	.00029
%RSD	.45133	.33801	.08047	.19313	1.9385	.12235	.41707	.53242	2.3744
#1	5.2578	.08437	.03462	.05496	.57031	.03863	2.0452	.09248	.01225
#2	5.2243	.08397	.03459	.05512	.55489	.03856	2.0331	.09178	.01185
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	27.513	.05443	.05013	2.5260	.07323	.05593	1.2650	.81492	.12103
Stddev	.104	.00075	.00042	.0473	.00048	.00382	.0034	.00040	.00144
%RSD	.37861	1.3755	.84217	1.8710	.66160	6.8218	.27096	.04865	1.1880
#1	27.439	.05390	.04983	2.4926	.07357	.05323	1.2674	.81520	.12205
#2	27.587	.05496	.05043	2.5594	.07289	.05863	1.2626	.81464	.12002
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.03522	.38967	1.005	.06948	4.6334	1.2252			
Stddev	.00052	.01050	.001	.00026	.0097	.1263			
%RSD	1.4828	2.6937	.0866	.37815	.20938	10.311			
#1	.03485	.38224	1.005	.06930	4.6403	1.1359			
#2	.03559	.39709	1.006	.06967	4.6266	1.3145			

Sample Name: J5033-24MSDLX5 Acquired: 9/28/2018 20:16:26 Type: Unk
Method: P4-ICP2(v2464) 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	3321.2	67969.	4605.1	111.28	4670.4
Stddev	21.6	106.	19.8	1.00	22.3
%RSD	.64912	.15560	.42923	.89888	.47666
#1	3305.9	67894.	4619.1	111.99	4654.6
#2	3336.4	68043.	4591.1	110.57	4686.1

Sample Name: J5033-24MSDDLX5 Acquired: 9/28/2018 20:20:26 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.14729	.36713	.17792	.36371	.14210	.33946	.04803	.03523	.03586
Stddev	.00006	.00195	.00090	.00126	.00252	.01085	.00031	.00039	.00001
%RSD	.03767	.53062	.50486	.34533	1.7746	3.1962	.64554	1.1001	.02341

#1	.14733	.36575	.17728	.36460	.14032	.33179	.04781	.03495	.03586
#2	.14725	.36851	.17855	.36282	.14388	.34713	.04824	.03550	.03585

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2513	.08408	.03496	.05616	.54916	.03872	2.0904	.09331	.01262
Stddev	.0222	.00099	.00015	.00090	.02302	.00008	.0454	.00039	.00033
%RSD	.42284	1.1822	.42607	1.6053	4.1924	.20200	2.1708	.41963	2.6480

#1	5.2356	.08338	.03485	.05552	.56544	.03866	2.0583	.09303	.01238
#2	5.2670	.08478	.03507	.05680	.53288	.03877	2.1225	.09359	.01286

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	27.631	.05419	.05010	2.5587	.07426	.05384	1.2859	.81611	.12228
Stddev	.043	.00029	.00104	.0371	.00041	.00597	.0004	.00764	.00051
%RSD	.15602	.53653	2.0780	1.4510	.55443	11.086	.02847	.93599	.41422

#1	27.601	.05399	.05084	2.5325	.07397	.05807	1.2857	.81070	.12192
#2	27.662	.05440	.04937	2.5850	.07455	.04962	1.2862	.82151	.12264

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.03656	.38680	1.022	.06940	4.5178	.05619			
Stddev	.00006	.00497	.001	.00045	.3462	.15783			
%RSD	.16434	1.2855	.0482	.65419	7.6625	280.91			

#1	.03652	.38328	1.022	.06908	4.7626	.16779			
#2	.03660	.39031	1.022	.06973	4.2730	-.05542			

Sample Name: J5033-24MSDDLX5 Acquired: 9/28/2018 20:20:26 Type: Unk
Method: P4-ICP2(v2464) 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	3289.6	67878.	4599.7	111.91	4619.0
Stddev	2.8	187.	2.9	2.70	.3
%RSD	.08418	.27499	.06206	2.4139	.00747
#1	3291.6	68010.	4597.6	110.00	4618.8
#2	3287.7	67746.	4601.7	113.82	4619.3

Sample Name: J5033-24ADLX5 Acquired: 9/28/2018 20:24:25 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.15782	.39177	.19116	.38935	.15281	.37361	.05099	.03738	.03841
Stddev	.00120	.00379	.00012	.00342	.00105	.00121	.00022	.00013	.00001
%RSD	.76250	.96805	.06412	.87751	.68660	.32277	.42423	.33987	.03533
#1	.15697	.38908	.19125	.38694	.15207	.37275	.05084	.03746	.03842
#2	.15867	.39445	.19108	.39177	.15355	.37446	.05114	.03729	.03840
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6018	.09008	.03727	.05992	.60284	.04142	2.2356	.09924	.01304
Stddev	.0164	.00077	.00020	.00098	.05945	.00047	.0063	.00013	.00044
%RSD	.29273	.85875	.52859	1.6394	9.8610	1.1354	.28203	.12606	3.3425
#1	5.5902	.09062	.03713	.05922	.64487	.04109	2.2401	.09933	.01273
#2	5.6134	.08953	.03741	.06061	.56080	.04175	2.2311	.09915	.01335
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	29.717	.05839	.05459	2.7550	.07951	.07212	1.3593	.87748	.13083
Stddev	.085	.00038	.00189	.0045	.00067	.00716	.0001	.00959	.00092
%RSD	.28492	.65331	3.4715	.16398	.83858	9.9214	.01123	1.0928	.70011
#1	29.657	.05812	.05593	2.7582	.07904	.07718	1.3594	.88426	.13018
#2	29.777	.05866	.05325	2.7518	.07999	.06706	1.3592	.87070	.13148
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.03915	.41630	1.084	.07456	4.6977	.74899			
Stddev	.00009	.01322	.002	.00019	.6975	.17497			
%RSD	.23624	3.1752	.2182	.25333	14.849	23.360			
#1	.03921	.42565	1.083	.07442	4.2045	.62527			
#2	.03908	.40696	1.086	.07469	5.1909	.87271			

Sample Name: J5033-24ADLX5 Acquired: 9/28/2018 20:24:25 Type: Unk
Method: P4-ICP2(v2464) 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	3281.4	67412.	4535.6	109.76	4598.8
Stddev	1.1	179.	3.7	4.26	8.9
%RSD	.03288	.26537	.08064	3.8819	.19430
#1	3282.2	67539.	4533.0	106.75	4592.5
#2	3280.7	67286.	4538.2	112.77	4605.1

Sample Name: J5033-02DLX5 Acquired: 9/28/2018 20:28:26 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	.00074	-.00180	.00467	-.00040	.08652	.01055	.00004
Stddev	.00142	.00115	.00001	.00201	.00236	.00107	.00063	.00006
%RSD	19.625	156.20	.78897	43.018	588.40	1.2418	5.9553	164.73

#1	.00623	.00155	-.00181	.00325	.00127	.08576	.01011	-.00001
#2	.00824	-.00008	-.00179	.00609	-.00207	.08728	.01099	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	5.2976	.01502	-.00001	.00150	.04788	.01045	1.7404
Stddev	.00011	.0380	.00100	.00006	.00016	.00574	.00012	.0261
%RSD	151.69	.71742	6.6779	855.33	10.459	11.994	1.1085	1.5006

#1	-.00001	5.3244	.01573	.00003	.00161	.05194	.01054	1.7219
#2	.00015	5.2707	.01431	-.00005	.00139	.04382	.01037	1.7588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	-.00090	27.911	.00023	.05410	.73128	.00078	-.00032
Stddev	.00014	.00055	.170	.00008	.00057	.01576	.00011	.01120
%RSD	2.6838	60.508	.61065	34.523	1.0595	2.1551	13.743	3497.2

#1	.00537	-.00052	28.032	.00018	.05450	.72014	.00070	-.00824
#2	.00517	-.00129	27.791	.00029	.05369	.74243	.00086	.00760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3211	.75424	-.00074	.00115	.06525	.0002	.03600	4.3254
Stddev	.0025	.01742	.00060	.00132	.01424	.0008	.00010	1.0877
%RSD	.19081	2.3101	81.713	114.67	21.821	344.4	.29072	25.146

#1	1.3193	.76656	-.00031	.00022	.07531	.0008	.03607	3.5563
#2	1.3229	.74192	-.00116	.00209	.05518	-.0003	.03593	5.0945

Sample Name: J5033-02DLX5 Acquired: 9/28/2018 20:28:26 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .42185
%RSD 763.53

#1 -.35354
#2 .24304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.5	67703.	4623.6	112.51	4650.3
Stddev	2.8	61.	23.4	1.05	6.7
%RSD	.08364	.08967	.50642	.93747	.14355

#1	3307.4	67660.	4607.1	111.77	4655.0
#2	3303.5	67746.	4640.2	113.26	4645.6

Sample Name: J5033-02DUPDLX5 Acquired: 9/28/2018 20:32:29 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	-.00001	-.00078	.00262	-.00060	.08875	.01101	.00003
Stddev	.00038	.00183	.00028	.00305	.00127	.00636	.00030	.00008
%RSD	10.088	19391.	35.493	116.20	212.88	7.1670	2.7521	255.83

#1	.00403	-.00131	-.00098	.00478	-.00150	.09325	.01080	-.00003
#2	.00349	.00129	-.00059	.00047	.00030	.08425	.01123	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	5.2942	.01505	.00010	.00130	.04164	.01031	1.7787
Stddev	.00003	.0309	.00036	.00012	.00002	.00287	.00003	.0571
%RSD	718.93	.58349	2.3604	112.32	1.5700	6.8984	.25005	3.2083

#1	.00002	5.2723	.01530	.00019	.00129	.04367	.01033	1.7383
#2	-.00003	5.3160	.01480	.00002	.00131	.03961	.01029	1.8190

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00484	-.00002	28.049	.00010	.05514	.71026	.00059	.01037
Stddev	.00030	.00028	.066	.00031	.00115	.04136	.00012	.00239
%RSD	6.1486	1108.2	.23519	320.14	2.0870	5.8228	21.180	23.086

#1	.00463	.00017	28.096	.00031	.05595	.68102	.00050	.01207
#2	.00505	-.00022	28.002	-.00012	.05433	.73951	.00067	.00868

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3235	.74792	-.00071	.00006	.05255	.0002	.03613	4.9402
Stddev	.0029	.00060	.00053	.00149	.01827	.0011	.00002	.3050
%RSD	.21792	.08033	75.340	2598.9	34.774	604.2	.05608	6.1737

#1	1.3214	.74750	-.00109	.00111	.03963	.0010	.03614	4.7245
#2	1.3255	.74835	-.00033	-.00100	.06547	-.0006	.03611	5.1559

Sample Name: J5033-02DUPDLX5 Acquired: 9/28/2018 20:32:29 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .26006
Stddev .45646
%RSD 175.52

#1 .58282
#2 -.06271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3305.8	67617.	4579.4	110.38	4650.6
Stddev	4.1	471.	12.0	2.70	9.8
%RSD	.12415	.69634	.26265	2.4486	.21151

#1	3302.9	67284.	4570.9	108.47	4643.6
#2	3308.7	67950.	4587.9	112.30	4657.6

Sample Name: J5033-02LDLX25 Acquired: 9/28/2018 20:36:32 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113337TB 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	.00173	-.00166	.00200	-.00174	.01540	.00006	-.00001
Stddev	.00068	.00064	.00035	.00041	.00048	.01238	.00015	.00001
%RSD	62.200	37.125	20.856	20.346	27.668	80.385	263.40	148.47

#1	.00158	.00127	-.00142	.00229	-.00140	.02415	-.00005	.00000
#2	.00061	.00218	-.00191	.00171	-.00208	.00665	.00016	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	1.0715	.01482	.00001	.00059	.05582	.00367	.38145
Stddev	.00003	.0005	.00034	.00025	.00042	.00420	.00010	.02497
%RSD	20.399	.04731	2.2616	4871.7	70.598	7.5182	2.6259	6.5455

#1	.00018	1.0718	.01458	-.00017	.00089	.05286	.00360	.39910
#2	.00013	1.0711	.01505	.00018	.00030	.05879	.00373	.36379

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00906	-.00090	5.8583	.00013	.01271	.08959	.00125	.00113
Stddev	.00006	.00041	.0306	.00075	.00024	.03007	.00003	.00501
%RSD	.69721	46.002	.52308	584.15	1.9085	33.566	2.0650	443.92

#1	.00902	-.00061	5.8366	-.00040	.01253	.11085	.00123	.00467
#2	.00910	-.00119	5.8800	.00066	.01288	.06833	.00127	-.00241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27921	.15101	-.00066	.00062	.05550	.0016	.00754	3.1588
Stddev	.00511	.00080	.00045	.00075	.00560	.0020	.00008	.0222
%RSD	1.8303	.52716	68.123	120.78	10.092	130.5	1.1139	.70233

#1	.28282	.15045	-.00097	.00009	.05946	.0030	.00760	3.1745
#2	.27560	.15158	-.00034	.00115	.05154	.0001	.00748	3.1431

Sample Name: J5033-02LDLX25 Acquired: 9/28/2018 20:36:32 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113337TB Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.31540
Stddev	.37788
%RSD	119.81

#1	.58260
#2	.04820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.6	68893.	4618.0	111.98	4800.1
Stddev	7.7	21.	43.2	2.70	4.8
%RSD	.23053	.02995	.93499	2.4110	.09939

#1	3334.2	68908.	4648.5	113.89	4796.8
#2	3345.1	68879.	4587.5	110.07	4803.5

Sample Name: J5033-02MSDLX5 Acquired: 9/28/2018 20:40:37 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7511 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	.15795	.39006	.19113	.39164	.15109	.42804	.05073	.03773	.03831
Stddev	.00238	.00075	.00040	.00349	.00048	.01104	.00101	.00014	.00017
%RSD	1.5085	.19192	.21013	.89045	.31770	2.5783	1.9960	.37319	.44908

#1	.15964	.39059	.19142	.39411	.15143	.42024	.05144	.03783	.03843
#2	.15627	.38953	.19085	.38918	.15075	.43584	.05001	.03763	.03819

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3843	.10280	.03741	.06032	.65695	.05115	2.1310	.10484	.01318
Stddev	.0787	.00005	.00024	.00094	.02067	.00028	.0496	.00039	.00076
%RSD	1.4617	.04774	.64103	1.5515	3.1467	.55228	2.3282	.36883	5.7837

#1	5.3287	.10276	.03724	.05965	.64234	.05135	2.0960	.10511	.01372
#2	5.4400	.10283	.03758	.06098	.67157	.05095	2.1661	.10457	.01264

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	28.189	.05820	.09953	2.7109	.08054	.05624	1.2988	.90140	.13019
Stddev	.086	.00023	.00063	.0032	.00004	.00499	.0046	.01263	.00023
%RSD	.30335	.39709	.63410	.11643	.04815	8.8772	.35129	1.4016	.17580

#1	28.128	.05804	.09998	2.7131	.08051	.05271	1.3020	.91033	.13035
#2	28.249	.05837	.09909	2.7087	.08057	.05977	1.2956	.89247	.13003

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04071	.42036	1.083	.07301	5.0940	.41794
Stddev	.00109	.00287	.003	.00073	.9321	.21136
%RSD	2.6790	.68224	.2903	.99505	18.297	50.571

#1	.04148	.41834	1.081	.07250	4.4350	.56739
#2	.03994	.42239	1.085	.07353	5.7531	.26849

Sample Name: J5033-02MSDLX5 Acquired: 9/28/2018 20:40:37 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7511 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	3289.1	67550.	4541.3	109.71	4616.7
Stddev	.5	162.	8.7	.26	8.6
%RSD	.01377	.24007	.19107	.23453	.18702
#1	3288.7	67435.	4547.4	109.53	4622.8
#2	3289.4	67665.	4535.2	109.89	4610.6

Sample Name: CCV11 Acquired: 9/28/2018 20:44:36 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	4.9689	4.9699	5.0163	5.0098	5.0567	9.5901	10.337	.24262
Stddev	.0104	.0103	.0016	.0037	.0121	.0592	.070	.00080
%RSD	.20964	.20783	.03180	.07356	.23920	.61678	.68015	.32899
#1	4.9763	4.9772	5.0152	5.0124	5.0653	9.6319	10.386	.24319
#2	4.9616	4.9626	5.0174	5.0072	5.0481	9.5483	10.287	.24206
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4980	24.545	.96010	2.4434	1.2254	4.8368	2.4443	24.084
Stddev	.0019	.087	.00187	.0003	.0004	.0509	.0033	.030
%RSD	.07412	.35404	.19515	.01396	.03485	1.0520	.13356	.12370
#1	2.4993	24.606	.95877	2.4437	1.2257	4.8008	2.4420	24.063
#2	2.4966	24.484	.96142	2.4432	1.2251	4.8727	2.4466	24.105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4541	1.2330	25.309	2.4524	2.6381	26.029	4.9653	4.8825
Stddev	.0004	.0015	.159	.0021	.0127	.213	.0006	.0291
%RSD	.01767	.12005	.62798	.08469	.48158	.81762	.01281	.59562
#1	2.4544	1.2341	25.422	2.4509	2.6291	26.180	4.9657	4.9030
#2	2.4538	1.2320	25.197	2.4538	2.6470	25.879	4.9648	4.8619
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8572	4.9344	4.8594	4.9130	F 30.516	4.951	4.9125	F 7.1569
Stddev	.0214	.0000	.0057	.0316	.186	.007	.0295	1.1412
%RSD	.43966	.00082	.11814	.64361	.60797	.1389	.59950	15.946
#1	4.8421	4.9344	4.8554	4.9353	30.647	4.947	4.9333	7.9639
#2	4.8723	4.9344	4.8635	4.8906	30.384	4.956	4.8917	6.3499

Sample Name: CCV11 Acquired: 9/28/2018 20:44:36 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3293
Stddev .3399
%RSD 10.209

#1 3.5696
#2 3.0890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.8	65884.	4487.8	106.81	4259.9
Stddev	9.5	11.	14.8	.53	8.2
%RSD	.29628	.01673	.32969	.49293	.19189

#1	3187.1	65876.	4477.4	107.18	4254.1
#2	3200.5	65892.	4498.3	106.43	4265.7

Sample Name: CCB11 Acquired: 9/28/2018 20:48:21 Type: Unk
Method: P4-ICP2(v2464) 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	.00277	.00157	-.00096	.00301	.00049	.00366	-.00269
Stddev	.00074	.00191	.00065	.00035	.00042	.00838	.00084
%RSD	26.729	121.91	67.151	11.518	85.767	229.05	31.309

#1	.00329	.00022	-.00142	.00277	.00078	-.00227	-.00209
#2	.00225	.00292	-.00051	.00326	.00019	.00959	-.00328

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00010	-.00925	-.00040	.00001	-.00020	.00508
Stddev	.00003	.00008	.00869	.00027	.00020	.00009	.00537
%RSD	103.89	76.495	93.968	66.501	3098.0	47.397	105.85

#1	-.00001	.00015	-.00310	-.00021	-.00013	-.00027	.00128
#2	-.00006	.00005	-.01540	-.00059	.00015	-.00013	.00888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.04391	.00098	-.00068	.09190	-.00032	-.00037
Stddev	.00000	.02685	.00009	.00023	.00042	.00007	.00003
%RSD	14.135	61.153	8.9291	34.179	.45853	22.782	8.4025

#1	-.00004	.06290	.00091	-.00052	.09161	-.00037	-.00039
#2	-.00003	.02492	.00104	-.00085	.09220	-.00026	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02779	.00093	.00959	F .02409	.00053	-.00039	-.00013
Stddev	.01552	.00053	.01012	.00119	.00032	.00024	.00125
%RSD	55.862	57.044	105.52	4.9485	61.294	62.362	945.65

#1	.01681	.00131	.00244	.02493	.00075	-.00056	.00075
#2	.03877	.00056	.01675	.02324	.00030	-.00022	-.00102

Sample Name: CCB11 Acquired: 9/28/2018 20:48:21 Type: Unk
 Method: P4-ICP2(v2464) 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 .04964	-.0004	-.00007	F 2.9954	F<.00000
Stddev	.00166	.0012	.00002	.2485	.16237
%RSD	3.3473	291.1	29.834	8.2965	237.94

#1	.04846	-.0012	-.00005	2.8196	.04657
#2	.05081	.0004	-.00008	3.1711	-.18305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.3	69630.	4630.6	110.75	4835.6
Stddev	7.0	33.	67.6	1.34	4.9
%RSD	.20671	.04728	1.4600	1.2073	.10218

#1	3369.4	69606.	4582.8	109.81	4832.1
#2	3379.3	69653.	4678.4	111.70	4839.1

Sample Name: J5033-02MSDDLX5 Acquired: 9/28/2018 20:52:26 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15813	.39204	.18973	.38709	.15089	.42851	.04895	.03711
Stddev	.00103	.00133	.00148	.00631	.00185	.01113	.00108	.00042
%RSD	.65005	.33845	.78133	1.6305	1.2254	2.5979	2.2139	1.1397

#1	.15886	.39298	.19078	.39155	.15220	.43638	.04971	.03681
#2	.15741	.39110	.18868	.38263	.14958	.42063	.04818	.03741

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03796	5.3740	.10276	.03715	.05922	.63515	.05102	2.1334
Stddev	.00029	.0063	.00166	.00013	.00049	.01026	.00062	.0299
%RSD	.76881	.11771	1.6152	.36183	.81933	1.6161	1.2144	1.3991

#1	.03817	5.3696	.10159	.03724	.05957	.64241	.05058	2.1123
#2	.03776	5.3785	.10394	.03705	.05888	.62789	.05146	2.1545

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10381	.01251	28.036	.05741	.09614	2.6828	.08009	.06715
Stddev	.00005	.00027	.081	.00019	.00150	.0198	.00022	.00808
%RSD	.04400	2.1209	.28828	.33664	1.5652	.73964	.27105	12.031

#1	.10378	.01269	27.979	.05727	.09720	2.6968	.08024	.06144
#2	.10384	.01232	28.093	.05755	.09507	2.6687	.07994	.07287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2741	.89140	.12792	.03777	.41741	1.071	.07263	3.5526
Stddev	.0062	.02440	.00005	.00134	.02132	.003	.00052	.3372
%RSD	.48806	2.7368	.03706	3.5577	5.1079	.2877	.71255	9.4909

#1	1.2785	.87415	.12795	.03682	.43249	1.074	.07300	3.7910
#2	1.2697	.90865	.12788	.03872	.40234	1.069	.07226	3.3142

Sample Name: J5033-02MSDDLX5 Acquired: 9/28/2018 20:52:26 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13918 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .87891
%RSD 204.98

#1 .19271
#2 -1.0503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.1	68338.	4624.6	112.76	4666.7
Stddev	7.3	247.	18.5	1.18	22.5
%RSD	.21956	.36190	.40053	1.0454	.48175

#1	3318.9	68513.	4637.7	111.93	4650.8
#2	3329.3	68163.	4611.5	113.59	4682.6

Sample Name: J5033-02ADLX5 Acquired: 9/28/2018 20:56:25 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13918 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	.15441	.38902	.19021	.38745	.15153	.42207	.05019	.03770	.03807
Stddev	.00199	.00089	.00001	.00210	.00059	.00500	.00040	.00002	.00008
%RSD	1.2871	.22950	.00377	.54229	.38875	1.1845	.79081	.05660	.21787

#1	.15300	.38965	.19021	.38893	.15195	.41854	.05047	.03769	.03801
#2	.15581	.38839	.19020	.38596	.15111	.42561	.04991	.03772	.03813

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4087	.10211	.03710	.06023	.63378	.05116	2.1104	.10411	.01275
Stddev	.0013	.00050	.00018	.00023	.01272	.00030	.0418	.00009	.00032
%RSD	.02419	.48493	.49024	.38861	2.0071	.58677	1.9823	.08371	2.5456

#1	5.4097	.10176	.03722	.06040	.62478	.05095	2.0808	.10417	.01298
#2	5.4078	.10246	.03697	.06007	.64277	.05138	2.1400	.10405	.01252

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	27.967	.05840	.09614	2.6815	.07988	.06942	1.2857	.88149	.12943
Stddev	.086	.00006	.00314	.0261	.00026	.00646	.0003	.02001	.00092
%RSD	.30626	.10407	3.2613	.97215	.32897	9.3128	.02683	2.2701	.71107

#1	27.907	.05844	.09393	2.6631	.07970	.06485	1.2854	.86734	.12878
#2	28.028	.05835	.09836	2.7000	.08007	.07399	1.2859	.89564	.13008

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03875	.42078	1.077	.07239	5.0444	.39376
Stddev	.00111	.00318	.001	.00022	.5833	.22449
%RSD	2.8573	.75586	.1178	.30286	11.563	57.011

#1	.03954	.41854	1.078	.07255	5.4569	.55250
#2	.03797	.42303	1.076	.07224	4.6320	.23503

Sample Name: J5033-02ADLX5 Acquired: 9/28/2018 20:56:25 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13918 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	3322.8	67875.	4614.0	113.07	4668.9
Stddev	2.9	46.	21.3	3.69	2.8
%RSD	.08834	.06704	.46249	3.2672	.05896
#1	3320.8	67908.	4629.1	115.68	4666.9
#2	3324.9	67843.	4598.9	110.45	4670.8

Sample Name: J5033-08DL2X4 Acquired: 9/28/2018 21:00:23 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00545	.00102	-.00110	.00159	-.00036	.04398	.05019	.00001
Stddev	.00210	.00090	.00098	.00212	.00086	.00896	.00073	.00000
%RSD	38.501	88.494	88.780	132.92	237.40	20.364	1.4495	30.165

#1	.00397	.00166	-.00180	.00010	-.00097	.03765	.04967	.00002
#2	.00693	.00038	-.00041	.00309	.00025	.05031	.05070	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	12.022	.00614	.00271	.00532	.15394	.04703	3.3678
Stddev	.00004	.009	.00027	.00016	.00020	.00096	.00005	.0154
%RSD	354.95	.07232	4.3188	5.8783	3.6803	.62124	.09731	.45833

#1	-.00002	12.016	.00595	.00260	.00546	.15326	.04700	3.3787
#2	.00004	12.028	.00633	.00282	.00518	.15461	.04707	3.3569

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00303	-.00122	50.108	.00066	.04830	1.6409	.00060	.02551
Stddev	.00023	.00037	.128	.00004	.00033	.0148	.00006	.00449
%RSD	7.5350	30.537	.25534	5.4914	.69110	.89939	9.2764	17.586

#1	.00320	-.00096	50.199	.00064	.04806	1.6304	.00063	.02233
#2	.00287	-.00149	50.018	.00069	.04854	1.6513	.00056	.02868

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6400	2.4415	-.00104	-.00058	.06330	.0006	.09527	5.9542
Stddev	.0407	.0050	.00046	.00126	.01343	.0006	.00033	.8069
%RSD	.87632	.20556	43.980	215.43	21.212	110.1	.34434	13.553

#1	4.6112	2.4450	-.00137	-.00147	.07280	.0010	.09504	5.3836
#2	4.6687	2.4379	-.00072	.00031	.05381	.0001	.09550	6.5248

Sample Name: J5033-08DL2X4 Acquired: 9/28/2018 21:00:23 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.45419
Stddev	.07361
%RSD	16.207

#1	.40213
#2	.50624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.4	66967.	4593.0	110.13	4603.9
Stddev	2.7	212.	18.8	.28	1.2
%RSD	.08276	.31591	.40980	.25002	.02498

#1	3294.4	67117.	4579.7	110.32	4604.7
#2	3290.5	66818.	4606.3	109.93	4603.1

Sample Name: J5033-13DL2X4 Acquired: 9/28/2018 21:04:24 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00172	.00111	-.00144	.00088	-.00094	.03008	.01806	.00003
Stddev	.00077	.00017	.00032	.00169	.00173	.00105	.00040	.00004
%RSD	44.423	15.135	22.181	191.71	184.45	3.4947	2.1943	125.87

#1	.00118	.00123	-.00167	-.00031	.00028	.02934	.01834	.00000
#2	.00227	.00099	-.00122	.00208	-.00216	.03082	.01778	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	6.2798	.00336	.00006	.00219	.01335	.00180	1.2947
Stddev	.00001	.0095	.00001	.00022	.00021	.01645	.00001	.0034
%RSD	115.26	.15116	.17289	333.68	9.4344	123.23	.69135	.26676

#1	-.00000	6.2731	.00336	.00022	.00204	.02497	.00179	1.2971
#2	-.00002	6.2865	.00337	-.00009	.00233	.00172	.00181	1.2923

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00278	-.00132	28.461	.00027	.01487	1.1423	.00014	.01092
Stddev	.00006	.00065	.123	.00007	.00028	.0253	.00023	.00240
%RSD	2.1047	49.364	.43131	24.755	1.8638	2.2137	156.34	21.981

#1	.00274	-.00177	28.374	.00022	.01507	1.1602	-.00002	.00922
#2	.00283	-.00086	28.548	.00032	.01467	1.1245	.00030	.01261

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8971	1.0235	-.00156	-.00047	.07244	.0037	.03283	4.6269
Stddev	.0210	.0027	.00027	.00114	.00069	.0036	.00030	.5169
%RSD	.72576	.26886	17.301	243.50	.95099	99.59	.91128	11.172

#1	2.9120	1.0254	-.00175	-.00127	.07293	.0011	.03304	4.2614
#2	2.8822	1.0215	-.00137	.00034	.07195	.0062	.03262	4.9924

Sample Name: J5033-13DL2X4 Acquired: 9/28/2018 21:04:24 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.17633
Stddev	.07671
%RSD	43.504

#1	.12209
#2	.23057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.7	67994.	4620.1	111.36	4704.1
Stddev	2.6	2.	16.8	.87	5.8
%RSD	.07783	.00272	.36278	.78135	.12412

#1	3326.9	67993.	4631.9	110.75	4700.0
#2	3330.5	67995.	4608.2	111.98	4708.3

Sample Name: J5033-14DL2X4 Acquired: 9/28/2018 21:08:27 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00272	-.00040	-.00086	.00108	-.00019	.02806	.02574	.00004
Stddev	.00122	.00121	.00048	.00093	.00039	.00294	.00019	.00002
%RSD	44.729	301.19	56.005	86.275	202.08	10.471	.72213	45.765

#1	.00359	.00046	-.00052	.00042	-.00047	.02598	.02561	.00005
#2	.00186	-.00126	-.00120	.00174	.00008	.03014	.02587	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	3.6004	.00550	.00008	.00117	.04706	.00178	1.3281
Stddev	.00012	.0367	.00021	.00020	.00010	.00320	.00004	.0605
%RSD	14.633	1.0182	3.8341	244.64	8.5057	6.8107	2.5050	4.5532

#1	.00093	3.5745	.00565	.00022	.00110	.04932	.00175	1.2853
#2	.00076	3.6263	.00535	-.00006	.00124	.04479	.00181	1.3709

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00367	-.00052	26.837	-.00049	.01298	.76831	.00056	-.00542
Stddev	.00004	.00017	.202	.00043	.00015	.00098	.00007	.00740
%RSD	.99652	32.684	.75352	88.345	1.1890	.12790	13.433	136.43

#1	.00369	-.00040	26.694	-.00079	.01287	.76762	.00061	-.01065
#2	.00364	-.00064	26.980	-.00018	.01309	.76901	.00050	-.00019

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5866	2.1307	-.00143	-.00306	.06345	.0023	.05264	4.4912
Stddev	.0047	.0358	.00026	.00029	.02900	.0002	.00003	.4025
%RSD	.18087	1.6803	18.427	9.5436	45.706	6.734	.05495	8.9625

#1	2.5833	2.1054	-.00161	-.00326	.04294	.0024	.05262	4.2066
#2	2.5899	2.1560	-.00124	-.00285	.08395	.0022	.05266	4.7759

Sample Name: J5033-14DL2X4 Acquired: 9/28/2018 21:08:27 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .23637
Stddev .80020
%RSD 338.54

#1 .80220
#2 -.32946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3330.0	68167.	4620.8	112.81	4719.4
Stddev	10.7	157.	44.6	.76	13.5
%RSD	.32111	.23013	.96425	.67465	.28648

#1	3322.5	68278.	4652.3	113.35	4709.9
#2	3337.6	68056.	4589.3	112.27	4729.0

Sample Name: J5033-36DL2X4 Acquired: 9/28/2018 21:12:30 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00214	-.00039	-.00147	.00228	-.00071	.00787	.02625	.00003
Stddev	.00170	.00224	.00004	.00130	.00019	.01152	.00020	.00000
%RSD	79.747	578.93	2.6181	56.804	26.381	146.49	.74520	12.193

#1	.00093	.00120	-.00144	.00320	-.00058	.01602	.02639	.00003
#2	.00334	-.00197	-.00150	.00137	-.00085	-.00028	.02611	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	3.6406	.00227	-.00015	.00001	.03604	.00036	1.3277
Stddev	.00002	.0131	.00034	.00004	.00052	.01044	.00004	.0334
%RSD	2.4412	.35959	14.799	27.921	3548.0	28.980	12.257	2.5146

#1	.00082	3.6313	.00250	-.00012	.00038	.04342	.00039	1.3513
#2	.00085	3.6498	.00203	-.00018	-.00035	.02865	.00033	1.3041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00112	26.853	-.00013	.01150	.75613	-.00010	.00511
Stddev	.00001	.00026	.015	.00001	.00038	.00587	.00017	.00492
%RSD	.25823	23.662	.05546	4.2796	3.2751	.77594	170.37	96.349

#1	.00228	-.00093	26.843	-.00012	.01124	.75198	-.00022	.00859
#2	.00229	-.00130	26.864	-.00013	.01177	.76028	.00002	.00163

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5189	2.1007	-.00125	-.00183	.07132	.0016	.05333	4.2638
Stddev	.0167	.0311	.00017	.00192	.00624	.0004	.00014	.0140
%RSD	.66126	1.4798	13.597	105.08	8.7445	25.32	.25363	.32719

#1	2.5306	2.0787	-.00113	-.00318	.06691	.0019	.05323	4.2539
#2	2.5071	2.1227	-.00137	-.00047	.07573	.0013	.05343	4.2736

Sample Name: J5033-36DL2X4 Acquired: 9/28/2018 21:12:30 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .32072
Stddev .82519
%RSD 257.29

#1 .90422
#2 -.26278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.8	68674.	4630.6	112.14	4733.1
Stddev	9.1	431.	10.2	2.67	32.8
%RSD	.27192	.62822	.21992	2.3828	.69296

#1	3337.4	68369.	4637.8	114.03	4709.9
#2	3350.3	68979.	4623.4	110.25	4756.3

Sample Name: J4777-36 Acquired: 9/28/2018 21:16:33 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00103	.00598	.00466	-.00076	.05771	.12668	-.00004
Stddev	.00184	.00117	.00020	.00428	.00229	.00308	.00038	.00006
%RSD	632.39	113.90	3.2833	91.693	299.06	5.3352	.30165	151.96

#1	.00159	-.00185	.00584	.00164	.00085	.05553	.12695	.00000
#2	-.00101	-.00020	.00611	.00769	-.00238	.05989	.12641	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	15.376	-.00054	.00142	.00452	.19330	1.4404	1.6902
Stddev	.00003	.026	.00011	.00019	.00034	.00554	.0003	.0005
%RSD	20.834	.16720	20.936	13.124	7.6389	2.8670	.02069	.03223

#1	.00015	15.358	-.00046	.00155	.00427	.18939	1.4402	1.6905
#2	.00011	15.394	-.00062	.00129	.00476	.19722	1.4406	1.6898

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	-.00064	275.67	-.00071	.01983	.56017	-.00013	.00826
Stddev	.00008	.00001	2.46	.00030	.00035	.02969	.00025	.00070
%RSD	10.230	2.0886	.89270	42.773	1.7446	5.3001	184.69	8.4703

#1	.00069	-.00063	277.41	-.00093	.02007	.53917	-.00031	.00776
#2	.00080	-.00065	273.93	-.00050	.01958	.58116	.00004	.00875

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28977	.24494	.00128	.00005	.06175	.0038	.05510	7.1983
Stddev	.00466	.00189	.00014	.00024	.00641	.0018	.00050	.9767
%RSD	1.6078	.77310	10.804	446.12	10.379	49.17	.89864	13.568

#1	.29307	.24628	.00138	-.00012	.05722	.0025	.05545	6.5077
#2	.28648	.24360	.00118	.00022	.06628	.0051	.05475	7.8889

Sample Name: J4777-36 Acquired: 9/28/2018 21:16:33 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7694
Stddev	.2989
%RSD	16.891

#1	1.9807
#2	1.5581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3181.2	64837.	4562.4	106.59	4243.0
Stddev	2.8	29.	46.0	2.24	1.7
%RSD	.08792	.04414	1.0091	2.1007	.03975

#1	3183.2	64858.	4529.8	105.01	4241.8
#2	3179.3	64817.	4594.9	108.17	4244.2

Sample Name: J4777-38 Acquired: 9/28/2018 21:20:42 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	-.00027	.00616	.00616	-.00277	.36968	.14884	-.00003
Stddev	.00067	.00023	.00000	.00175	.00054	.00415	.00017	.00001
%RSD	26.584	85.614	.06486	28.455	19.318	1.1223	.11103	22.288

#1	.00204	-.00044	.00616	.00492	-.00240	.36674	.14895	-.00003
#2	.00298	-.00011	.00616	.00740	-.00315	.37261	.14872	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	51.559	-.00001	.00247	.00461	.27054	1.2641	2.2952
Stddev	.00006	.100	.00011	.00024	.00018	.01309	.0033	.0207
%RSD	29.969	.19322	1023.3	9.8234	3.9827	4.8386	.26203	.90367

#1	.00025	51.488	.00007	.00230	.00474	.26128	1.2617	2.2805
#2	.00016	51.629	-.00009	.00265	.00448	.27979	1.2664	2.3098

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00067	303.21	-.00035	.02238	.89194	-.00006	.03950
Stddev	.00024	.00005	2.33	.00017	.00037	.02104	.00046	.00725
%RSD	182.83	7.1504	.76898	50.651	1.6619	2.3593	717.72	18.346

#1	.00004	-.00064	304.86	-.00047	.02212	.90682	.00026	.04462
#2	-.00031	-.00070	301.56	-.00022	.02264	.87706	-.00039	.03437

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67814	.75701	.00153	.01079	.08049	.0099	.17498	8.3958
Stddev	.00085	.01729	.00002	.00025	.01246	.0005	.00102	.1280
%RSD	.12517	2.2837	1.4793	2.3545	15.481	4.635	.58027	1.5243

#1	.67874	.76923	.00151	.01097	.08930	.0102	.17570	8.3053
#2	.67754	.74478	.00154	.01061	.07168	.0096	.17427	8.4863

Sample Name: J4777-38 Acquired: 9/28/2018 21:20:42 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4957
 Stddev .3712
 %RSD 14.872

#1 2.7581
 #2 2.2332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.7	63618.	4509.2	104.83	4121.1
Stddev	10.9	6.	.7	.98	15.2
%RSD	.34946	.00984	.01606	.93062	.36942

#1	3108.0	63623.	4508.7	105.52	4110.3
#2	3123.4	63614.	4509.7	104.14	4131.9

Sample Name: J4777-40 Acquired: 9/28/2018 21:24:51 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00099	.00700	.00659	.00041	.52873	.14336	.00005
Stddev	.00210	.00153	.00107	.00648	.00144	.00363	.00015	.00000
%RSD	5268.9	155.36	15.294	98.434	347.87	.68577	.10359	4.7681

#1	-.00145	.00010	.00624	.01117	.00143	.52617	.14346	.00005
#2	.00153	-.00207	.00776	.00200	-.00060	.53129	.14325	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	8.1151	-.00026	.00188	.00425	.69607	1.2681	.91612
Stddev	.00002	.0426	.00057	.00021	.00026	.00332	.0011	.04102
%RSD	13.110	.52534	219.57	11.364	6.1124	.47686	.08572	4.4772

#1	.00011	8.0849	-.00066	.00173	.00443	.69372	1.2689	.94513
#2	.00013	8.1452	.00014	.00203	.00406	.69841	1.2674	.88712

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00107	341.97	-.00050	.02231	.67293	-.00028	.02219
Stddev	.00013	.00029	3.94	.00058	.00005	.00729	.00001	.01086
%RSD	10.935	27.628	1.1508	115.94	.24490	1.0838	3.3657	48.948

#1	.00129	-.00127	344.75	-.00090	.02235	.66777	-.00027	.02987
#2	.00111	-.00086	339.18	-.00009	.02227	.67809	-.00029	.01451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39530	.74532	.00036	.01642	.08865	.0119	.03540	7.6751
Stddev	.00040	.00703	.00019	.00435	.01398	.0003	.00040	.2071
%RSD	.10231	.94330	52.314	26.491	15.775	2.915	1.1203	2.6984

#1	.39559	.74035	.00023	.01334	.07876	.0122	.03512	7.8216
#2	.39502	.75030	.00050	.01949	.09853	.0117	.03568	7.5287

Sample Name: J4777-40 Acquired: 9/28/2018 21:24:51 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-092718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8235
 Stddev .1250
 %RSD 6.8539

#1 1.9119
 #2 1.7351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.4	63982.	4526.4	104.96	4204.7
Stddev	1.0	61.	27.0	.21	14.5
%RSD	.03282	.09526	.59576	.20159	.34578

#1	3153.6	63939.	4507.4	105.11	4214.9
#2	3155.1	64025.	4545.5	104.81	4194.4

Sample Name: J5129-01 Acquired: 9/28/2018 21:28:59 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DS-DRUM-OILY 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	-.00135	.00058	.00533	-.00020	.01075	.11345	.00000
Stddev	.00436	.00082	.00027	.00132	.00042	.00401	.00012	.00007
%RSD	1442.9	60.474	46.492	24.813	205.56	37.282	.10362	1571.6

#1	-.00278	-.00077	.00077	.00627	.00009	.00792	.11353	-.00004
#2	.00339	-.00193	.00039	.00440	-.00050	.01358	.11336	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.13151	-.00005	-.00022	-.00050	.01126	.00120	.02525
Stddev	.00003	.02355	.00003	.00001	.00062	.01009	.00006	.03014
%RSD	33.645	17.905	48.277	6.8645	122.77	89.652	4.7528	119.37

#1	.00010	.14816	-.00007	-.00023	-.00094	.01839	.00116	.04656
#2	.00006	.11486	-.00004	-.00021	-.00007	.00412	.00124	.00394

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00116	267.71	.00044	.13246	.21588	.00003	.03340
Stddev	.00029	.00065	5.17	.00016	.00419	.00629	.00011	.00941
%RSD	39.195	56.132	1.9323	37.185	3.1666	2.9135	371.60	28.178

#1	.00053	-.00070	264.05	.00056	.12950	.22033	.00011	.02674
#2	.00093	-.00162	271.37	.00033	.13543	.21143	-.00005	.04005

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13422	.02198	.00135	.00000	.07897	.0010	.00164	6.6023
Stddev	.00129	.00035	.00091	.00337	.00811	.0001	.00008	.1264
%RSD	.96215	1.6058	67.429	169160.	10.266	5.968	4.6501	1.9148

#1	.13330	.02223	.00071	-.00238	.08470	.0011	.00159	6.6917
#2	.13513	.02173	.00200	.00238	.07324	.0010	.00170	6.5129

Sample Name: J5129-01 Acquired: 9/28/2018 21:28:59 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DS-DRUM-OILY Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2867
 Stddev .5874
 %RSD 45.648

#1 .87137
 #2 1.7020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.8	64824.	4532.1	107.29	4277.3
Stddev	15.0	90.	17.6	3.39	14.9
%RSD	.47133	.13811	.38870	3.1630	.34737

#1	3179.2	64761.	4544.6	109.69	4266.8
#2	3200.5	64887.	4519.7	104.89	4287.8

Sample Name: CCV12 Acquired: 9/28/2018 21:33:09 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	4.9183	4.9541	4.9768	4.9445	5.0124	9.4841	10.193	.24101
Stddev	.0173	.0076	.0114	.0073	.0025	.0306	.015	.00041
%RSD	.35197	.15304	.22842	.14756	.05064	.32273	.14630	.16830

#1	4.9305	4.9595	4.9688	4.9496	5.0142	9.5058	10.183	.24072
#2	4.9061	4.9488	4.9849	4.9393	5.0106	9.4625	10.204	.24129

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4857	24.277	.95819	2.4228	1.2118	4.8388	2.4244	23.774
Stddev	.0009	.090	.00107	.0028	.0051	.0416	.0018	.048
%RSD	.03557	.36977	.11134	.11616	.42144	.85992	.07414	.20146

#1	2.4851	24.213	.95743	2.4208	1.2082	4.8093	2.4231	23.740
#2	2.4863	24.340	.95894	2.4248	1.2154	4.8682	2.4257	23.808

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4274	1.2141	24.883	2.4295	2.6124	25.684	4.9217	4.7993
Stddev	.0026	.0019	.062	.0032	.0163	.053	.0032	.0048
%RSD	.10727	.15471	.24840	.13211	.62280	.20581	.06506	.09938

#1	2.4256	1.2127	24.839	2.4272	2.6009	25.647	4.9239	4.7959
#2	2.4293	1.2154	24.926	2.4318	2.6239	25.721	4.9194	4.8027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7769	4.8576	4.8395	4.8601	F 30.076	4.896	4.8529	F 6.2242
Stddev	.0183	.0341	.0081	.0121	.064	.025	.0112	.3368
%RSD	.38222	.70224	.16819	.24882	.21281	.5041	.23079	5.4116

#1	4.7898	4.8335	4.8338	4.8516	30.031	4.914	4.8449	6.4624
#2	4.7640	4.8817	4.8453	4.8687	30.122	4.879	4.8608	5.9861

Sample Name: CCV12 Acquired: 9/28/2018 21:33:09 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6028
Stddev .0475
%RSD 1.3187

#1 3.6364
#2 3.5692

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.1	66969.	4576.8	108.53	4328.0
Stddev	2.4	30.	13.3	.58	1.7
%RSD	.07365	.04514	.29046	.53761	.03867

#1	3247.4	66947.	4586.2	108.94	4326.8
#2	3250.8	66990.	4567.4	108.11	4329.2

Sample Name: CCB12 Acquired: 9/28/2018 21:36:55 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	.00155	-.00092	.00136	.00005	.00150	-.00343	.00001
Stddev	.00063	.00035	.00022	.00087	.00178	.00353	.00053	.00001
%RSD	42.296	22.809	24.356	64.051	3821.8	235.20	15.469	227.32

#1	.00192	.00130	-.00108	.00074	-.00121	.00400	-.00305	-.00000
#2	.00104	.00180	-.00076	.00198	.00130	-.00100	-.00381	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00384	-.00095	-.00015	-.00038	-.00210	-.00008	.01706
Stddev	.00003	.00700	.00028	.00007	.00011	.01044	.00005	.01016
%RSD	30.601	182.38	29.544	44.252	28.405	496.06	56.997	59.590

#1	.00007	-.00111	-.00075	-.00010	-.00045	.00528	-.00005	.02425
#2	.00011	.00878	-.00115	-.00019	-.00030	-.00948	-.00011	.00987

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	-.00077	.14808	.00004	-.00036	.06380	.00108	.00042
Stddev	.00031	.00051	.00623	.00046	.00002	.00620	.00038	.01291
%RSD	27.818	66.382	4.2050	1163.6	6.3595	9.7109	35.244	3074.9

#1	.00091	-.00041	.14368	.00037	-.00034	.06818	.00135	-.00871
#2	.00135	-.00114	.15249	-.00029	-.00037	.05942	.00081	.00955

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01720	-.00058	-.00047	-.00316	F .07636	-.0013	.00008	F 2.8304
Stddev	.00183	.00112	.00007	.00007	.00868	.0010	.00005	.3472
%RSD	10.635	191.47	14.397	2.2682	11.365	71.99	67.868	12.266

#1	.01591	.00021	-.00042	-.00321	.08250	-.0006	.00012	2.5849
#2	.01850	-.00137	-.00051	-.00311	.07022	-.0020	.00004	3.0759

Sample Name: CCB12 Acquired: 9/28/2018 21:36:55 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .21037
Stddev .46984
%RSD 223.34

#1 -.12186
#2 .54260

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.3	70145.	4720.1	115.08	4887.6
Stddev	4.2	153.	40.5	3.63	.4
%RSD	.12299	.21866	.85737	3.1578	.00848

#1	3407.3	70254.	4691.5	112.52	4887.3
#2	3413.3	70037.	4748.7	117.65	4887.9

Sample Name: J5133-02 Acquired: 9/28/2018 21:41:00 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00554	.00172	.00059	.00759	-.00207	-.02165	.01913	.00004
Stddev	.00198	.00156	.00080	.00124	.00070	.00505	.00018	.00009
%RSD	35.736	90.705	133.72	16.305	34.069	23.305	.95963	218.55

#1	.00695	.00062	.00003	.00671	-.00257	-.01809	.01900	-.00002
#2	.00414	.00283	.00116	.00846	-.00157	-.02522	.01926	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	68.703	-.00152	-.00020	.00110	-.01640	.00687	162.85
Stddev	.00004	.595	.00015	.00047	.00041	.00557	.00001	.05
%RSD	40.039	.86668	9.6723	235.10	37.308	33.995	.13904	.02774

#1	-.00008	69.124	-.00142	.00013	.00081	-.02034	.00686	162.88
#2	-.00013	68.282	-.00163	-.00054	.00140	-.01246	.00687	162.82

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	-.00043	1190.2	.00103	.00045	55.640	.00150	.55381
Stddev	.00025	.00032	9.0	.00022	.00003	.332	.00023	.01133
%RSD	11.469	74.369	.75408	20.965	6.8607	.59647	15.534	2.0464

#1	-.00199	-.00020	1196.6	.00118	.00043	55.875	.00134	.56183
#2	-.00235	-.00066	1183.9	.00087	.00047	55.405	.00167	.54580

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	131.39	.89203	-.04740	-.00213	.30029	.0842	1.0235	11.808
Stddev	.18	.00367	.00041	.00083	.00243	.0010	.0075	.461
%RSD	.13592	.41188	.85695	38.950	.81063	1.219	.73399	3.9001

#1	131.52	.89462	-.04768	-.00272	.29857	.0849	1.0288	11.483
#2	131.27	.88943	-.04711	-.00155	.30202	.0835	1.0182	12.134

Sample Name: J5133-02 Acquired: 9/28/2018 21:41:00 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.5526
 Stddev .3934
 %RSD 11.075

#1 3.2744
 #2 3.8308

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.4	58433.	4442.6	104.71	3699.6
Stddev	18.5	54.	29.2	1.20	22.7
%RSD	.64162	.09225	.65659	1.1441	.61333

#1	2899.5	58471.	4422.0	103.87	3715.7
#2	2873.3	58395.	4463.2	105.56	3683.6

Sample Name: J5133-03 Acquired: 9/28/2018 21:45:09 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00712	.00059	.00099	.00817	-.00444	-.01726	.01924	.00004
Stddev	.00629	.00081	.00030	.00506	.00080	.00133	.00009	.00005
%RSD	88.351	138.92	30.267	61.909	18.052	7.6889	.44800	123.04

#1	.00267	.00001	.00077	.01175	-.00501	-.01820	.01931	.00000
#2	.01157	.00116	.00120	.00459	-.00387	-.01632	.01918	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	64.159	-.00162	-.00015	.00114	-.01591	.00689	147.84
Stddev	.00017	.060	.00066	.00003	.00073	.01008	.00016	.45
%RSD	276.15	.09393	40.398	18.073	64.397	63.351	2.3135	.30627

#1	-.00018	64.116	-.00116	-.00017	.00166	-.00879	.00700	148.16
#2	.00006	64.202	-.00208	-.00013	.00062	-.02304	.00678	147.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.00009	1083.1	.00096	.00064	51.207	.00141	.51882
Stddev	.00027	.00037	4.8	.00026	.00010	.203	.00003	.00176
%RSD	10.759	433.30	.44640	26.652	15.017	.39571	2.2832	.33919

#1	-.00230	.00018	1086.5	.00078	.00058	51.063	.00144	.51757
#2	-.00268	-.00035	1079.7	.00114	.00071	51.350	.00139	.52006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	117.20	.86227	-.04278	-.00320	.27469	.0812	.93037	12.846
Stddev	.11	.00248	.00079	.00030	.00077	.0019	.00132	1.556
%RSD	.09682	.28720	1.8389	9.4895	.28189	2.298	.14240	12.112

#1	117.28	.86052	-.04333	-.00299	.27414	.0825	.92943	13.946
#2	117.12	.86402	-.04222	-.00342	.27523	.0799	.93131	11.746

Sample Name: J5133-03 Acquired: 9/28/2018 21:45:09 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7104
Stddev .6619
%RSD 17.840

#1 4.1785
#2 3.2423

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.8	57887.	4413.1	103.79	3733.1
Stddev	.9	957.	15.6	1.47	3.6
%RSD	.03193	1.6539	.35289	1.4155	.09674

#1	2898.2	57210.	4424.1	104.83	3735.7
#2	2899.5	58564.	4402.0	102.75	3730.6

Sample Name: J5133-04 Acquired: 9/28/2018 21:49:17 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00591	.00054	.00110	.00470	-.00242	-.01894	.01881	.00008
Stddev	.00130	.00105	.00171	.00048	.00054	.00615	.00073	.00011
%RSD	21.985	194.98	154.99	10.267	22.260	32.493	3.8792	135.90

#1	.00683	.00128	.00231	.00504	-.00204	-.01459	.01830	.00016
#2	.00499	-.00020	-.00011	.00436	-.00280	-.02329	.01933	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	75.585	-.00115	-.00037	.00139	-.02022	.00870	186.59
Stddev	.00000	.263	.00007	.00000	.00003	.01242	.00009	1.47
%RSD	1.4261	.34761	6.1373	.04192	2.3358	61.451	.99077	.78692

#1	-.00021	75.399	-.00110	-.00037	.00141	-.01143	.00876	187.63
#2	-.00021	75.771	-.00120	-.00037	.00136	-.02900	.00864	185.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00326	-.00033	1257.2	.00076	.00034	65.487	.00154	.64788
Stddev	.00017	.00055	25.8	.00048	.00006	.284	.00003	.00527
%RSD	5.3367	164.93	2.0538	63.437	17.336	.43339	2.0734	.81376

#1	-.00314	.00006	1275.5	.00111	.00038	65.286	.00152	.64415
#2	-.00338	-.00072	1239.0	.00042	.00030	65.688	.00156	.65161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.94	.90744	-.05520	-.00253	.34342	.0920	1.1620	13.254
Stddev	1.01	.00417	.00001	.00171	.00363	.0012	.0042	.566
%RSD	.66783	.45969	.02266	67.769	1.0584	1.350	.35987	4.2671

#1	151.22	.90449	-.05519	-.00374	.34085	.0929	1.1590	12.854
#2	152.66	.91039	-.05521	-.00132	.34599	.0911	1.1649	13.654

Sample Name: J5133-04 Acquired: 9/28/2018 21:49:17 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4191
Stddev .2022
%RSD 5.9149

#1 3.2761
#2 3.5621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2803.9	56837.	4336.4	102.43	3583.4
Stddev	24.4	159.	2.6	1.22	16.2
%RSD	.86918	.27888	.05897	1.1875	.45314

#1	2821.2	56949.	4338.2	101.57	3594.9
#2	2786.7	56725.	4334.5	103.29	3571.9

Sample Name: J5133-05 Acquired: 9/28/2018 21:53:26 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00638	.00106	.00135	.00533	-.00133	-.02409	.01810	.00007
Stddev	.00089	.00099	.00098	.00484	.00300	.01319	.00062	.00006
%RSD	13.957	93.383	73.012	90.774	226.03	54.729	3.4221	88.973

#1	.00575	.00176	.00204	.00191	-.00345	-.01477	.01854	.00012
#2	.00701	.00036	.00065	.00875	.00079	-.03342	.01767	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	69.376	-.00117	-.00053	.00117	-.02513	.00683	166.68
Stddev	.00008	.830	.00005	.00004	.00079	.00398	.00003	.39
%RSD	72.972	1.1962	4.0906	8.0693	67.541	15.837	.43145	.23229

#1	-.00005	69.963	-.00114	-.00050	.00061	-.02795	.00685	166.95
#2	-.00016	68.789	-.00121	-.00056	.00173	-.02232	.00681	166.40

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	-.00094	1164.5	.00132	.00018	58.326	.00108	.58320
Stddev	.00005	.00042	32.4	.00035	.00008	.572	.00013	.01393
%RSD	1.6118	44.704	2.7814	26.367	44.439	.98117	11.791	2.3892

#1	-.00302	-.00064	1187.4	.00107	.00023	58.731	.00099	.57335
#2	-.00309	-.00124	1141.6	.00156	.00012	57.922	.00117	.59305

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	135.28	.87969	-.04815	-.00392	.30639	.0879	1.0420	12.695
Stddev	2.16	.00829	.00041	.00010	.00782	.0005	.0139	.636
%RSD	1.5986	.94201	.84884	2.6048	2.5526	.5132	1.3336	5.0068

#1	133.75	.88555	-.04787	-.00385	.31192	.0882	1.0519	12.246
#2	136.81	.87383	-.04844	-.00399	.30086	.0875	1.0322	13.145

Sample Name: J5133-05 Acquired: 9/28/2018 21:53:26 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0082
 Stddev .4612
 %RSD 11.507

#1 4.3344
 #2 3.6821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.3	57612.	4371.4	101.28	3630.1
Stddev	35.0	177.	35.6	.57	54.8
%RSD	1.2340	.30750	.81449	.56406	1.5095

#1	2862.1	57738.	4346.2	100.87	3668.8
#2	2812.6	57487.	4396.5	101.68	3591.3

Sample Name: J5133-06 Acquired: 9/28/2018 21:57:33 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00631	.00264	.00143	.00607	-.00077	-.01751	.02016	-.00002
Stddev	.00274	.00067	.00046	.00138	.00158	.01219	.00043	.00004
%RSD	43.437	25.322	32.220	22.708	205.07	69.585	2.1228	201.67

#1	.00437	.00217	.00176	.00509	.00035	-.00890	.02046	-.00005
#2	.00825	.00311	.00110	.00704	-.00189	-.02613	.01986	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	65.190	-.00096	-.00043	.00113	-.01103	.00609	147.69
Stddev	.00002	.729	.00003	.00018	.00022	.00440	.00002	1.36
%RSD	8.8011	1.1190	2.6378	42.233	19.407	39.897	.27466	.92137

#1	-.00019	65.706	-.00094	-.00055	.00098	-.00792	.00610	148.65
#2	-.00017	64.674	-.00097	-.00030	.00129	-.01415	.00608	146.73

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	-.00082	1042.1	.00148	.00028	52.096	.00122	.51907
Stddev	.00020	.00030	6.3	.00024	.00003	.588	.00015	.00319
%RSD	7.6057	36.642	.60654	16.311	10.516	1.1278	12.080	.61434

#1	-.00251	-.00103	1046.6	.00165	.00030	52.512	.00132	.52133
#2	-.00280	-.00061	1037.6	.00131	.00026	51.681	.00111	.51682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	115.35	.88772	-.04091	-.00211	.27974	.0784	.94222	12.675
Stddev	.56	.00684	.00158	.00168	.01565	.0026	.00810	.957
%RSD	.48779	.77068	3.8672	79.390	5.5961	3.287	.85921	7.5528

#1	114.95	.89256	-.03979	-.00330	.26867	.0765	.94795	13.352
#2	115.75	.88288	-.04203	-.00093	.29081	.0802	.93650	11.998

Sample Name: J5133-06 Acquired: 9/28/2018 21:57:33 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3281
Stddev .6822
%RSD 20.498

#1 2.8457
#2 3.8104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.3	57967.	4272.2	101.23	3705.0
Stddev	1.7	296.	57.6	.14	18.4
%RSD	.05969	.51060	1.3474	.13994	.49687

#1	2881.5	57758.	4231.5	101.13	3718.1
#2	2879.0	58176.	4312.9	101.33	3692.0

Sample Name: J5133-07 Acquired: 9/28/2018 22:01:42 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00659	.00113	.00266	.00293	-.00132	-.01892	.01921	.00002
Stddev	.00273	.00037	.00134	.00268	.00056	.00263	.00051	.00005
%RSD	41.431	32.884	50.274	91.570	42.304	13.891	2.6801	291.92

#1	.00466	.00087	.00172	.00103	-.00092	-.02078	.01958	-.00002
#2	.00852	.00139	.00361	.00483	-.00171	-.01706	.01885	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	66.942	-.00143	-.00025	.00135	-.01425	.00679	156.27
Stddev	.00010	.223	.00018	.00000	.00018	.00143	.00013	.62
%RSD	48.245	.33353	12.697	.93684	13.503	10.030	1.9426	.39672

#1	-.00014	67.100	-.00155	-.00025	.00122	-.01526	.00669	155.83
#2	-.00028	66.784	-.00130	-.00025	.00148	-.01324	.00688	156.71

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00266	-.00037	1103.9	.00153	.00075	54.829	.00132	.54883
Stddev	.00058	.00070	7.4	.00041	.00008	.084	.00038	.01150
%RSD	21.748	190.22	.66797	26.458	10.152	.15230	28.417	2.0956

#1	-.00225	-.00086	1109.1	.00182	.00080	54.888	.00159	.54070
#2	-.00307	.00013	1098.7	.00125	.00069	54.770	.00106	.55697

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.07	.90404	-.04574	-.00263	.27723	.0843	.98263	12.709
Stddev	.21	.00399	.00067	.00131	.01261	.0001	.00139	.360
%RSD	.16916	.44167	1.4602	49.711	4.5476	.1379	.14143	2.8303

#1	124.92	.90122	-.04621	-.00355	.26831	.0844	.98361	12.454
#2	125.22	.90687	-.04527	-.00170	.28614	.0842	.98165	12.963

Sample Name: J5133-07 Acquired: 9/28/2018 22:01:42 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0312
Stddev .7021
%RSD 17.417

#1 3.5347
#2 4.5277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2869.9	57633.	4298.3	103.75	3689.7
Stddev	3.3	199.	23.2	.48	6.9
%RSD	.11657	.34466	.54073	.46573	.18635

#1	2872.2	57773.	4281.9	103.41	3694.5
#2	2867.5	57493.	4314.8	104.09	3684.8

Sample Name: J5133-08 Acquired: 9/28/2018 22:05:50 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00762	.00089	.00212	.00458	-.00110	-.00390	.01715	-.00001
Stddev	.00310	.00041	.00068	.00460	.00034	.01623	.00103	.00007
%RSD	40.716	45.494	31.951	100.43	30.936	416.16	6.0107	1252.3

#1	.00543	.00061	.00259	.00784	-.00134	-.01538	.01788	-.00006
#2	.00982	.00118	.00164	.00133	-.00086	.00758	.01642	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	64.678	-.00174	-.00044	.00139	-.01533	.00691	150.45
Stddev	.00005	2.909	.00035	.00016	.00025	.00638	.00007	4.86
%RSD	34.901	4.4982	20.358	36.421	17.998	41.615	1.0584	3.2321

#1	-.00017	66.735	-.00149	-.00056	.00121	-.01984	.00686	153.89
#2	-.00010	62.621	-.00199	-.00033	.00156	-.01082	.00696	147.01

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	-.00012	1043.6	.00141	.00026	52.965	.00114	.53272
Stddev	.00012	.00052	22.5	.00032	.00010	2.160	.00029	.01384
%RSD	4.2040	424.66	2.1540	22.719	37.503	4.0777	25.034	2.5977

#1	-.00269	-.00049	1059.5	.00164	.00032	54.492	.00135	.54250
#2	-.00285	.00024	1027.7	.00119	.00019	51.438	.00094	.52293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	123.19	.85767	-.04495	-.00355	.30230	.0842	.95311	13.748
Stddev	2.76	.03427	.00152	.00380	.00687	.0031	.04519	.117
%RSD	2.2400	3.9953	3.3764	107.06	2.2731	3.694	4.7415	.84762

#1	125.14	.88190	-.04602	-.00086	.30716	.0864	.98506	13.831
#2	121.24	.83344	-.04387	-.00623	.29744	.0820	.92115	13.666

Sample Name: J5133-08 Acquired: 9/28/2018 22:05:50 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1371
Stddev	.0292
%RSD	.70490

#1	4.1165
#2	4.1577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2878.9	57558.	4491.6	105.25	3694.2
Stddev	48.1	87.	172.4	5.12	69.9
%RSD	1.6702	.15100	3.8374	4.8602	1.8917

#1	2844.9	57496.	4369.7	101.63	3644.8
#2	2912.9	57619.	4613.5	108.86	3743.7

Sample Name: J5133-09 Acquired: 9/28/2018 22:09:59 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.01063	.00058	.00275	.00481	-.00325	-.01203	.01937	.00004
Stddev	.00369	.00236	.00026	.00190	.00055	.00309	.00017	.00001
%RSD	34.702	407.15	9.4117	39.491	16.796	25.669	.87088	29.602

#1	.01324	.00225	.00293	.00616	-.00363	-.00984	.01925	.00003
#2	.00802	-.00109	.00257	.00347	-.00286	-.01421	.01949	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	68.490	-.00033	-.00024	.00129	-.01193	.00667	161.50
Stddev	.00001	.427	.00027	.00031	.00070	.00527	.00011	.45
%RSD	10.509	.62392	82.283	131.61	54.649	44.151	1.6169	.27904

#1	-.00013	68.792	-.00014	-.00046	.00179	-.01566	.00675	161.82
#2	-.00015	68.188	-.00052	-.00002	.00079	-.00821	.00660	161.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00040	1106.9	.00095	.00064	57.286	.00146	.57260
Stddev	.00011	.00010	25.8	.00009	.00002	.314	.00044	.00311
%RSD	8.4546	24.959	2.3323	9.3890	2.6854	.54727	30.190	.54310

#1	-.00126	-.00047	1125.2	.00088	.00065	57.508	.00177	.57040
#2	-.00142	-.00033	1088.7	.00101	.00062	57.064	.00115	.57480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	130.35	.89342	-.04730	-.00364	.29287	.0841	1.0217	13.568
Stddev	.42	.00633	.00040	.00261	.01361	.0021	.0043	.245
%RSD	.32111	.70885	.84268	71.559	4.6477	2.492	.42346	1.8074

#1	130.05	.89790	-.04758	-.00180	.28325	.0855	1.0247	13.395
#2	130.65	.88894	-.04702	-.00548	.30250	.0826	1.0186	13.742

Sample Name: J5133-09 Acquired: 9/28/2018 22:09:59 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0005
 Stddev 1.1085
 %RSD 27.709

#1 4.7843
 #2 3.2167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2869.6	57212.	4298.7	101.35	3665.5
Stddev	7.1	14.	32.8	.71	2.9
%RSD	.24874	.02520	.76250	.69692	.07809

#1	2864.6	57202.	4275.5	100.85	3667.6
#2	2874.7	57222.	4321.9	101.85	3663.5

Sample Name: J5133-10 Acquired: 9/28/2018 22:14:07 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00999	.00153	.00222	.00328	-.00193	-.01301	.01961	.00013
Stddev	.00231	.00257	.00007	.00106	.00192	.00221	.00237	.00002
%RSD	23.085	167.98	3.1294	32.304	99.185	16.959	12.067	17.615

#1	.00836	.00335	.00217	.00253	-.00329	-.01145	.01794	.00012
#2	.01162	-.00029	.00227	.00403	-.00058	-.01457	.02129	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	67.060	-.00173	-.00020	.00121	-.01536	.00738	155.70
Stddev	.00002	.732	.00013	.00015	.00010	.01453	.00004	1.96
%RSD	15.331	1.0908	7.2917	73.137	8.4948	94.640	.55724	1.2598

#1	-.00012	66.543	-.00182	-.00010	.00129	-.00508	.00741	154.31
#2	-.00014	67.577	-.00164	-.00030	.00114	-.02563	.00735	157.09

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00285	-.00109	1077.5	.00103	.00017	55.030	.00109	.53985
Stddev	.00028	.00051	16.7	.00037	.00008	.747	.00011	.01462
%RSD	9.8320	47.053	1.5456	36.188	45.514	1.3578	9.6895	2.7081

#1	-.00305	-.00073	1089.3	.00077	.00012	54.501	.00116	.52951
#2	-.00266	-.00145	1065.7	.00130	.00023	55.558	.00101	.55019

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	123.88	.89294	-.04410	-.00049	.30793	.0822	.98586	13.612
Stddev	1.01	.00027	.00110	.00073	.03331	.0001	.00970	.194
%RSD	.81233	.03008	2.4962	149.85	10.818	.1049	.98431	1.4223

#1	124.59	.89313	-.04488	-.00101	.28437	.0821	.97899	13.749
#2	123.17	.89275	-.04333	.00003	.33148	.0822	.99272	13.475

Sample Name: J5133-10 Acquired: 9/28/2018 22:14:07 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7210
Stddev .6380
%RSD 17.145

#1 4.1721
#2 3.2699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.0	56859.	4263.8	101.10	3682.0
Stddev	11.3	252.	18.9	.05	23.0
%RSD	.39374	.44275	.44298	.04749	.62508

#1	2854.1	56681.	4277.2	101.13	3665.7
#2	2870.0	57037.	4250.4	101.06	3698.3

Sample Name: J5133-11 Acquired: 9/28/2018 22:18:15 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00727	.00103	.00189	.00332	-.00213	-.02401	.01932	.00010
Stddev	.00307	.00048	.00065	.00057	.00129	.00083	.00075	.00002
%RSD	42.175	46.108	34.370	17.301	60.336	3.4687	3.8938	19.797

#1	.00510	.00070	.00143	.00291	-.00304	-.02342	.01879	.00011
#2	.00944	.00137	.00235	.00372	-.00122	-.02460	.01985	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	67.028	-.00114	-.00025	.00138	-.01825	.00794	157.71
Stddev	.00012	.931	.00074	.00020	.00022	.00059	.00015	1.93
%RSD	167.34	1.3890	64.649	81.062	16.256	3.2439	1.8457	1.2256

#1	.00001	67.686	-.00062	-.00039	.00154	-.01866	.00804	159.08
#2	-.00016	66.369	-.00166	-.00011	.00122	-.01783	.00783	156.35

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00013	1085.8	.00104	.00030	55.544	.00121	.54470
Stddev	.00086	.00030	24.0	.00038	.00011	.554	.00031	.00295
%RSD	37.171	232.61	2.2075	36.973	35.356	.99748	25.605	.54150

#1	-.00292	.00008	1102.7	.00077	.00038	55.936	.00143	.54261
#2	-.00171	-.00034	1068.8	.00131	.00023	55.152	.00099	.54678

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.10	.91631	-.04558	-.00301	.30631	.0869	.99095	13.962
Stddev	3.58	.01940	.00113	.00124	.02401	.0005	.01329	.557
%RSD	2.8583	2.1167	2.4786	41.061	7.8383	.6280	1.3414	3.9904

#1	127.63	.93002	-.04638	-.00214	.28933	.0873	1.0003	13.568
#2	122.57	.90260	-.04478	-.00389	.32329	.0866	.98155	14.356

Sample Name: J5133-11 Acquired: 9/28/2018 22:18:15 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9320
 Stddev .5141
 %RSD 13.075

#1 4.2956
 #2 3.5685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2885.3	56999.	4300.1	101.90	3716.7
Stddev	49.5	124.	36.9	1.15	80.8
%RSD	1.7141	.21666	.85737	1.1316	2.1732

#1	2850.3	57087.	4274.0	101.08	3659.5
#2	2920.3	56912.	4326.2	102.71	3773.8

Sample Name: CCV13 Acquired: 9/28/2018 22:22:24 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	4.9704	4.9643	5.0334	5.0000	5.0697	9.5623	10.196	.24332
Stddev	.0013	.0021	.0045	.0192	.0016	.0199	.001	.00104
%RSD	.02555	.04167	.08869	.38440	.03191	.20825	.00833	.42822
#1	4.9696	4.9628	5.0303	4.9864	5.0686	9.5764	10.195	.24406
#2	4.9713	4.9658	5.0366	5.0136	5.0708	9.5482	10.197	.24258
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5027	24.550	.96913	2.4415	1.2279	4.9752	2.4531	23.850
Stddev	.0015	.011	.00216	.0048	.0035	.0072	.0039	.101
%RSD	.06086	.04305	.22284	.19752	.28567	.14410	.15737	.42220
#1	2.5017	24.542	.97066	2.4381	1.2254	4.9701	2.4504	23.921
#2	2.5038	24.557	.96760	2.4449	1.2304	4.9803	2.4558	23.779
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4526	1.2324	23.635	2.4626	2.7241	25.888	4.9732	4.8153
Stddev	.0046	.0020	.098	.0037	.0049	.015	.0159	.0006
%RSD	.18803	.16551	.41293	.15065	.18095	.05698	.32066	.01232
#1	2.4494	1.2338	23.704	2.4599	2.7206	25.898	4.9619	4.8148
#2	2.4559	1.2310	23.566	2.4652	2.7275	25.877	4.9844	4.8157
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0473	4.8723	4.8696	4.8986	F 30.119	4.920	4.8611	F 8.3732
Stddev	.0292	.0110	.0108	.0055	.030	.005	.0124	.0262
%RSD	.57888	.22638	.22171	.11147	.10023	.1101	.25564	.31253
#1	5.0680	4.8645	4.8620	4.8948	30.098	4.916	4.8523	8.3547
#2	5.0266	4.8801	4.8772	4.9025	30.140	4.924	4.8699	8.3917

Sample Name: CCV13 Acquired: 9/28/2018 22:22:24 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1382
Stddev	.2513
%RSD	8.0091

#1	3.3159
#2	2.9605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.8	65244.	4461.4	103.31	4245.3
Stddev	7.7	64.	2.9	.21	7.7
%RSD	.24219	.09741	.06534	.20448	.18248

#1	3182.3	65199.	4463.4	103.46	4250.8
#2	3171.4	65289.	4459.3	103.16	4239.8

Sample Name: CCB13 Acquired: 9/28/2018 22:26:10 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00273	.00038	-.00060	.00342	.00045	-.00480	-.00144	.00009
Stddev	.00424	.00019	.00019	.00031	.00012	.00366	.00084	.00000
%RSD	155.36	50.760	31.669	8.9546	26.800	76.242	58.792	2.9094
#1	.00573	.00024	-.00073	.00321	.00053	-.00739	-.00203	.00009
#2	-.00027	.00052	-.00046	.00364	.00036	-.00221	-.00084	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00870	-.00056	-.00005	-.00025	-.00129	-.00012	.02295
Stddev	.00005	.00499	.00034	.00029	.00038	.00283	.00001	.05238
%RSD	793.40	57.388	60.645	572.65	152.99	219.72	9.0839	228.21
#1	-.00003	-.00517	-.00032	.00015	.00002	-.00329	-.00012	-.01409
#2	.00004	-.01224	-.00080	-.00025	-.00051	.00071	-.00013	.05999
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00088	.39452	-.00010	-.00052	.07192	.00112	-.00447
Stddev	.00020	.00025	.02365	.00052	.00000	.00935	.00022	.00685
%RSD	48.172	28.933	5.9945	511.60	.86639	12.998	19.342	153.23
#1	.00027	-.00070	.41124	-.00047	-.00053	.06531	.00127	-.00932
#2	.00055	-.00106	.37780	.00027	-.00052	.07853	.00097	.00037
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09453	.00094	.00045	-.00175	F .07777	.0009	-.00009	F 5.3091
Stddev	.00597	.00185	.00060	.00114	.00934	.0006	.00008	1.4143
%RSD	6.3182	197.03	133.50	64.854	12.012	68.41	81.760	26.640
#1	.09876	-.00037	.00088	-.00095	.08438	.0005	-.00004	6.3091
#2	.09031	.00225	.00003	-.00256	.07117	.0014	-.00015	4.3090

Sample Name: CCB13 Acquired: 9/28/2018 22:26:10 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .13886
Stddev .21545
%RSD 155.15

#1 .29121
#2 -.01348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3337.8	68168.	4500.6	110.01	4790.1
Stddev	9.3	279.	39.5	1.30	16.8
%RSD	.27908	.40942	.87869	1.1809	.35111

#1	3331.2	67971.	4472.7	109.09	4778.2
#2	3344.4	68365.	4528.6	110.93	4802.0

Sample Name: J5133-12 Acquired: 9/28/2018 22:30:16 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	.00169	.00152	.00453	-.00171	-.01284	.01956	.00013
Stddev	.00182	.00105	.00063	.00174	.00079	.01034	.00012	.00002
%RSD	45.161	62.059	41.187	38.341	46.130	80.566	.60546	17.686

#1	.00275	.00243	.00108	.00576	-.00226	-.02015	.01948	.00012
#2	.00533	.00095	.00197	.00330	-.00115	-.00553	.01964	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	67.057	-.00155	-.00028	.00144	-.01641	.00758	158.04
Stddev	.00003	.190	.00026	.00011	.00008	.00970	.00004	.04
%RSD	14.552	.28267	16.765	37.770	5.4004	59.105	.53669	.02345

#1	-.00025	66.923	-.00136	-.00035	.00138	-.00955	.00761	158.06
#2	-.00021	67.191	-.00173	-.00021	.00149	-.02326	.00755	158.01

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	-.00084	1140.8	.00114	.00027	54.662	.00135	.54787
Stddev	.00033	.00068	2.2	.00045	.00007	.346	.00016	.02102
%RSD	11.056	80.278	.18937	39.041	24.684	.63331	11.517	3.8360

#1	-.00321	-.00132	1142.3	.00083	.00031	54.417	.00124	.53301
#2	-.00274	-.00036	1139.3	.00145	.00022	54.907	.00146	.56273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	126.60	.90373	-.04590	-.00031	.30465	.0856	.99287	13.470
Stddev	1.13	.00485	.00062	.00051	.01289	.0001	.00131	.082
%RSD	.89016	.53700	1.3470	165.35	4.2323	.0873	.13183	.61003

#1	127.40	.90716	-.04546	.00005	.29554	.0857	.99195	13.412
#2	125.81	.90030	-.04633	-.00067	.31377	.0856	.99380	13.528

Sample Name: J5133-12 Acquired: 9/28/2018 22:30:16 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5564
Stddev .1676
%RSD 4.7116

#1 3.6749
#2 3.4379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.3	58077.	4335.8	102.82	3672.0
Stddev	37.7	100.	10.0	1.71	17.4
%RSD	1.3168	.17173	.23123	1.6648	.47482

#1	2833.7	58147.	4342.9	101.61	3659.6
#2	2886.9	58006.	4328.7	104.03	3684.3

Sample Name: J5133-13 Acquired: 9/28/2018 22:34:24 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.01025	.00077	.00187	.00418	-.00078	-.02839	.01914	.00012
Stddev	.00011	.00074	.00107	.00179	.00036	.00677	.00056	.00001
%RSD	1.1205	95.744	57.363	42.766	46.263	23.847	2.9075	12.865

#1	.01034	.00130	.00111	.00292	-.00053	-.03318	.01875	.00010
#2	.01017	.00025	.00263	.00544	-.00104	-.02361	.01954	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	68.398	-.00136	-.00028	.00167	-.02127	.01511	163.27
Stddev	.00000	1.096	.00054	.00028	.00060	.01728	.00002	.15
%RSD	2.7963	1.6025	39.802	100.14	35.899	81.241	.16112	.08991

#1	-.00014	69.173	-.00174	-.00047	.00125	-.00905	.01509	163.37
#2	-.00014	67.623	-.00097	-.00008	.00210	-.03349	.01512	163.17

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00004	1136.6	.00159	.00026	57.204	.00150	.57396
Stddev	.00022	.00008	31.8	.00073	.00001	.554	.00018	.00864
%RSD	7.9608	179.36	2.7941	45.777	2.4244	.96773	12.157	1.5050

#1	-.00295	-.00010	1159.1	.00107	.00025	57.595	.00162	.58007
#2	-.00263	.00001	1114.2	.00210	.00026	56.812	.00137	.56785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	131.00	.95360	-.04705	-.00394	.31652	.0950	1.0249	13.277
Stddev	.84	.00937	.00005	.00028	.00881	.0037	.0148	.204
%RSD	.64199	.98255	.11519	7.0976	2.7845	3.934	1.4463	1.5352

#1	130.40	.96023	-.04701	-.00374	.32275	.0923	1.0354	13.421
#2	131.59	.94698	-.04709	-.00413	.31029	.0976	1.0144	13.133

Sample Name: J5133-13 Acquired: 9/28/2018 22:34:24 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7417
Stddev .6345
%RSD 16.957

#1 3.2931
#2 4.1904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.0	57615.	4334.4	99.898	3676.3
Stddev	6.3	178.	78.0	2.240	20.6
%RSD	.22073	.30925	1.7990	2.2427	.56000

#1	2867.4	57489.	4279.3	101.48	3690.8
#2	2858.5	57741.	4389.6	98.314	3661.7

Sample Name: J5133-14 Acquired: 9/28/2018 22:38:33 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00924	-.00103	.00152	.00576	-.00339	-.02283	.01851	.00008
Stddev	.00286	.00061	.00017	.00156	.00203	.00035	.00051	.00004
%RSD	30.945	59.214	11.272	27.150	60.057	1.5377	2.7391	45.638
#1	.01126	-.00146	.00139	.00686	-.00483	-.02308	.01887	.00005
#2	.00722	-.00060	.00164	.00465	-.00195	-.02258	.01815	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	68.266	-.00103	-.00028	.00170	-.01628	.01487	162.86
Stddev	.00009	.117	.00066	.00021	.00017	.00043	.00023	.08
%RSD	49.828	.17193	63.830	73.911	10.038	2.6205	1.5187	.04845
#1	-.00026	68.183	-.00057	-.00013	.00182	-.01658	.01502	162.81
#2	-.00012	68.349	-.00150	-.00043	.00158	-.01597	.01471	162.92
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00067	1107.2	.00102	.00063	57.483	.00142	.58066
Stddev	.00037	.00127	5.4	.00055	.00013	.455	.00027	.00408
%RSD	15.728	187.83	.48768	54.432	20.735	.79212	18.909	.70321
#1	-.00258	.00022	1103.4	.00141	.00072	57.161	.00123	.57777
#2	-.00206	-.00157	1111.1	.00063	.00054	57.805	.00161	.58354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	130.63	.94469	-.04806	-.00518	.32342	.0955	1.0245	13.721
Stddev	1.18	.00992	.00011	.00153	.00927	.0011	.0063	.611
%RSD	.90696	1.0506	.21992	29.488	2.8650	1.143	.61419	4.4545
#1	131.47	.95171	-.04798	-.00626	.31687	.0962	1.0200	13.289
#2	129.79	.93768	-.04813	-.00410	.32997	.0947	1.0289	14.153

Sample Name: J5133-14 Acquired: 9/28/2018 22:38:33 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4569
 Stddev 1.3013
 %RSD 37.643

#1 4.3771
 #2 2.5368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.3	57356.	4362.4	102.18	3660.6
Stddev	30.1	29.	11.4	.71	23.5
%RSD	1.0541	.04993	.26214	.69167	.64070

#1	2832.1	57377.	4370.4	101.68	3644.1
#2	2874.6	57336.	4354.3	102.68	3677.2

Sample Name: J5133-15 Acquired: 9/28/2018 22:42:42 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00961	.00209	.00355	.00551	-.00293	-.03678	.01877	.00000
Stddev	.00278	.00191	.00171	.00003	.00008	.00496	.00019	.00005
%RSD	28.944	91.119	48.162	.57441	2.6813	13.495	1.0281	1629.5

#1	.01158	.00074	.00234	.00554	-.00288	-.04029	.01891	.00004
#2	.00765	.00344	.00476	.00549	-.00299	-.03327	.01863	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	93.729	-.00200	-.00048	.00122	-.02133	.00848	246.15
Stddev	.00000	.102	.00100	.00034	.00110	.01533	.00007	.36
%RSD	1.4783	.10829	49.812	70.299	90.799	71.872	.87491	.14783

#1	-.00010	93.657	-.00271	-.00072	.00044	-.03217	.00843	245.89
#2	-.00010	93.801	-.00130	-.00024	.00200	-.01049	.00854	246.41

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00336	-.00062	1452.4	.00122	.00073	90.592	.00196	.86037
Stddev	.00049	.00026	7.2	.00029	.00001	.185	.00045	.00782
%RSD	14.589	42.549	.49740	23.587	.93882	.20444	22.900	.90899

#1	-.00301	-.00043	1457.6	.00101	.00073	90.461	.00164	.86590
#2	-.00371	-.00081	1447.3	.00142	.00072	90.723	.00228	.85484

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	211.77	.95159	-.07658	-.00191	.45260	.1083	1.5502	16.685
Stddev	5.04	.00137	.00184	.00032	.01366	.0033	.0039	.608
%RSD	2.3808	.14379	2.4049	16.554	3.0182	3.066	.25343	3.6443

#1	208.20	.95255	-.07528	-.00213	.44294	.1060	1.5475	17.115
#2	215.33	.95062	-.07788	-.00168	.46226	.1107	1.5530	16.255

Sample Name: J5133-15 Acquired: 9/28/2018 22:42:42 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8479
 Stddev .1266
 %RSD 3.2898

#1 3.9374
 #2 3.7584

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2655.3	54262.	4228.0	96.469	3349.6
Stddev	55.1	268.	40.0	1.907	50.7
%RSD	2.0761	.49317	.94687	1.9765	1.5137

#1	2694.3	54451.	4256.3	97.817	3385.4
#2	2616.3	54073.	4199.7	95.120	3313.7

Sample Name: J5133-16 Acquired: 9/28/2018 22:46:51 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00448	.00054	.00246	.00189	-.00217	-.01892	.01914	.00010
Stddev	.00210	.00169	.00030	.00412	.00295	.00899	.00029	.00001
%RSD	46.937	315.64	12.322	217.88	135.75	47.522	1.4909	8.6276

#1	.00597	-.00066	.00225	.00481	-.00009	-.02528	.01894	.00010
#2	.00299	.00173	.00268	-.00102	-.00425	-.01256	.01934	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	89.700	-.00157	-.00012	.00174	-.01778	.00843	232.39
Stddev	.00010	1.009	.00071	.00003	.00053	.00725	.00008	2.59
%RSD	56.533	1.1246	45.265	21.335	30.366	40.796	.92832	1.1126

#1	-.00024	90.414	-.00107	-.00011	.00136	-.01265	.00838	234.22
#2	-.00010	88.987	-.00207	-.00014	.00211	-.02291	.00849	230.57

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	-.00067	1380.1	.00105	.00061	85.100	.00176	.81819
Stddev	.00006	.00038	55.7	.00004	.00005	.504	.00014	.01086
%RSD	1.9852	56.405	4.0373	4.1437	7.8736	.59181	8.1443	1.3276

#1	-.00324	-.00040	1419.5	.00102	.00065	85.457	.00166	.82587
#2	-.00315	-.00094	1340.7	.00108	.00058	84.744	.00186	.81051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	192.49	.95969	-.06983	-.00213	.43578	.0997	1.4614	15.799
Stddev	.63	.00041	.00094	.00055	.00898	.0057	.0137	.263
%RSD	.32598	.04294	1.3407	25.775	2.0600	5.757	.93759	1.6668

#1	192.93	.95998	-.07050	-.00174	.42943	.1037	1.4711	15.986
#2	192.05	.95940	-.06917	-.00252	.44213	.0956	1.4517	15.613

Sample Name: J5133-16 Acquired: 9/28/2018 22:46:51 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3808
 Stddev .3290
 %RSD 7.5106

#1 4.1481
 #2 4.6134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.7	54566.	4180.2	94.648	3447.9
Stddev	5.3	2.	41.1	.891	9.9
%RSD	.19435	.00313	.98321	.94172	.28844

#1	2717.0	54567.	4151.1	95.278	3440.8
#2	2724.4	54565.	4209.3	94.017	3454.9

Sample Name: J5133-17 Acquired: 9/28/2018 22:51:00 Type: Unk
 Method: P4-ICP2(v2464) Mode: 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	.00661	.00078	.00237	.00354	-.00173	-.02383	.01934	.00002
Stddev	.00425	.00248	.00029	.00187	.00268	.00934	.00113	.00002
%RSD	64.354	318.30	12.266	53.002	154.64	39.202	5.8271	91.534

#1	.00962	.00253	.00217	.00486	.00016	-.03044	.01855	.00001
#2	.00360	-.00097	.00258	.00221	-.00363	-.01723	.02014	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	77.772	-.00084	-.00042	.00144	-.02990	.00746	192.66
Stddev	.00003	.069	.00009	.00002	.00021	.00922	.00006	.78
%RSD	16.619	.08875	11.180	4.8683	14.440	30.833	.81651	.40361

#1	-.00018	77.724	-.00077	-.00044	.00159	-.02338	.00751	192.11
#2	-.00023	77.821	-.00091	-.00041	.00129	-.03642	.00742	193.21

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	-.00023	1206.2	.00057	.00031	69.578	.00137	.67792
Stddev	.00008	.00028	23.0	.00017	.00005	.196	.00040	.01350
%RSD	2.6854	118.74	1.9050	29.643	16.341	.28167	29.252	1.9913

#1	-.00293	-.00043	1222.5	.00045	.00027	69.439	.00109	.66837
#2	-.00282	-.00004	1190.0	.00069	.00034	69.716	.00166	.68746

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.61	.92289	-.05874	-.00557	.35845	.0932	1.2125	14.886
Stddev	.49	.00098	.00087	.00035	.00475	.0025	.0009	.012
%RSD	.30960	.10657	1.4765	6.3520	1.3257	2.708	.07611	.07797

#1	158.26	.92359	-.05813	-.00582	.36181	.0950	1.2119	14.878
#2	158.96	.92220	-.05935	-.00532	.35509	.0915	1.2132	14.894

Sample Name: J5133-17 Acquired: 9/28/2018 22:51:00 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5933
Stddev .1012
%RSD 2.8152

#1 3.6648
#2 3.5217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.2	56105.	4235.9	96.418	3550.5
Stddev	5.2	14.	16.6	.438	7.5
%RSD	.18574	.02421	.39242	.45392	.21089

#1	2780.8	56095.	4224.2	96.109	3555.8
#2	2773.5	56115.	4247.7	96.727	3545.2

Sample Name: J5133-18 Acquired: 9/28/2018 22:55:09 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.00670	.00051	.00343	.00340	-.00161	-.03524	.01811	.00007
Stddev	.00448	.00330	.00015	.00042	.00078	.00291	.00027	.00001
%RSD	66.899	644.23	4.2598	12.214	48.790	8.2620	1.4834	19.755

#1	.00987	.00285	.00333	.00370	-.00216	-.03318	.01830	.00008
#2	.00353	-.00182	.00354	.00311	-.00105	-.03730	.01792	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	95.836	-.00117	-.00024	.00182	-.02680	.00688	252.39
Stddev	.00004	.032	.00040	.00011	.00038	.00081	.00003	.19
%RSD	10.823	.03381	33.974	45.102	21.091	3.0279	.47250	.07430

#1	-.00033	95.813	-.00089	-.00017	.00209	-.02737	.00690	252.52
#2	-.00039	95.859	-.00145	-.00032	.00155	-.02622	.00686	252.26

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00356	-.00068	1414.1	.00105	.00050	94.059	.00204	.89609
Stddev	.00069	.00048	32.7	.00017	.00006	.322	.00025	.00555
%RSD	19.301	71.118	2.3116	16.469	11.940	.34222	12.179	.61957

#1	-.00307	-.00102	1437.2	.00117	.00054	93.832	.00187	.90001
#2	-.00404	-.00034	1391.0	.00092	.00046	94.287	.00222	.89216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	212.56	.97251	-.07772	-.00344	.46398	.1086	1.5976	16.922
Stddev	3.40	.00814	.00074	.00170	.01948	.0038	.0001	.247
%RSD	1.6005	.83670	.94882	49.450	4.1994	3.459	.00282	1.4607

#1	210.16	.96676	-.07720	-.00465	.45021	.1059	1.5975	17.096
#2	214.97	.97827	-.07824	-.00224	.47776	.1112	1.5976	16.747

Sample Name: J5133-18 Acquired: 9/28/2018 22:55:09 Type: Unk
Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0555
Stddev .2056
%RSD 5.0688

#1 4.2009
#2 3.9101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2707.3	54008.	4212.1	95.093	3421.6
Stddev	18.8	9.	11.7	1.888	36.1
%RSD	.69463	.01610	.27783	1.9859	1.0544

#1	2720.6	54002.	4220.4	93.757	3447.1
#2	2694.0	54014.	4203.8	96.428	3396.1

Sample Name: J5133-19 Acquired: 9/28/2018 22:59:18 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.01152	.00126	.00339	.00396	-.00020	-.04817	.01799	.00017
Stddev	.00113	.00190	.00016	.00166	.00001	.00127	.00000	.00003
%RSD	9.7842	150.46	4.7507	41.878	4.2715	2.6431	.01607	19.712

#1	.01232	.00261	.00351	.00513	-.00020	-.04727	.01800	.00020
#2	.01072	-.00008	.00328	.00279	-.00021	-.04907	.01799	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	98.375	-.00154	-.00058	.00187	-.02286	.00704	261.51
Stddev	.00007	.003	.00022	.00002	.00045	.02709	.00008	.22
%RSD	29.179	.00313	14.484	3.4503	24.264	118.52	1.2050	.08269

#1	-.00031	98.373	-.00170	-.00056	.00219	-.00370	.00698	261.66
#2	-.00020	98.378	-.00138	-.00059	.00155	-.04202	.00710	261.36

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	-.00053	1430.5	.00163	.00069	97.709	.00236	.91305
Stddev	.00029	.00049	46.7	.00074	.00005	.326	.00016	.00488
%RSD	8.7290	91.665	3.2621	45.690	7.1856	.33367	6.6202	.53423

#1	-.00317	-.00087	1463.5	.00110	.00072	97.478	.00247	.90960
#2	-.00358	-.00019	1397.5	.00215	.00065	97.939	.00225	.91650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	220.30	.95893	-.08039	-.00283	.46072	.1120	1.6535	15.759
Stddev	2.01	.01487	.00052	.00164	.00893	.0008	.0033	.289
%RSD	.91215	1.5504	.64752	57.787	1.9393	.6792	.20000	1.8343

#1	221.72	.94842	-.08076	-.00399	.46704	.1126	1.6511	15.963
#2	218.88	.96945	-.08002	-.00168	.45440	.1115	1.6558	15.554

Sample Name: J5133-19 Acquired: 9/28/2018 22:59:18 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0744
 Stddev .1081
 %RSD 2.6526

#1 3.9979
 #2 4.1508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.3	54737.	4237.5	95.509	3418.7
Stddev	25.9	153.	13.8	.723	20.1
%RSD	.95514	.27911	.32488	.75666	.58770

#1	2691.0	54845.	4247.2	94.998	3404.5
#2	2727.6	54629.	4227.7	96.020	3433.0

Sample Name: J5133-20 Acquired: 9/28/2018 23:03:26 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	.01020	.00012	.00359	.00305	-.00112	-.00796	.01855	.00006
Stddev	.00429	.00116	.00159	.00441	.00068	.01779	.00071	.00001
%RSD	42.080	1002.2	44.252	144.69	60.743	223.57	3.8065	17.564

#1	.01324	.00093	.00246	-.00007	-.00160	-.02054	.01905	.00006
#2	.00717	-.00070	.00471	.00617	-.00064	.00462	.01806	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	79.004	-.00071	-.00068	.00183	-.02378	.00728	198.46
Stddev	.00000	.691	.00022	.00009	.00118	.01132	.00013	.61
%RSD	.14640	.87502	30.745	13.487	64.444	47.600	1.8029	.30694

#1	-.00020	79.493	-.00056	-.00062	.00266	-.03179	.00718	198.89
#2	-.00020	78.515	-.00087	-.00075	.00100	-.01578	.00737	198.03

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00305	-.00016	1201.7	.00116	.00020	71.814	.00119	.68459
Stddev	.00044	.00012	52.3	.00031	.00009	.510	.00016	.00231
%RSD	14.305	75.867	4.3557	26.644	43.970	.71040	13.415	.33810

#1	-.00336	-.00024	1238.8	.00138	.00027	72.174	.00107	.68296
#2	-.00274	-.00007	1164.7	.00094	.00014	71.453	.00130	.68623

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	165.12	.91998	-.05970	-.00258	.35803	.0953	1.2452	14.637
Stddev	2.60	.00432	.00027	.00020	.00762	.0032	.0099	.384
%RSD	1.5747	.47004	.44443	7.8715	2.1287	3.335	.79832	2.6249

#1	166.96	.91692	-.05951	-.00272	.35264	.0976	1.2522	14.908
#2	163.29	.92303	-.05989	-.00244	.36342	.0931	1.2381	14.365

Sample Name: J5133-20 Acquired: 9/28/2018 23:03:26 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.1812
 Stddev .5904
 %RSD 14.119

#1 3.7638
 #2 4.5987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.1	56334.	4266.0	97.528	3521.6
Stddev	35.5	27.	45.4	1.030	48.5
%RSD	1.2873	.04820	1.0649	1.0556	1.3771

#1	2734.0	56354.	4233.9	96.800	3487.3
#2	2784.2	56315.	4298.1	98.256	3555.9

Sample Name: CCV14 Acquired: 9/28/2018 23:07:35 Type: Unk
Method: P4-ICP2(v2464) Mode: 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	4.9144	4.9383	5.0126	4.9784	5.0389	9.4190	10.174	.24156
Stddev	.0028	.0238	.0042	.0006	.0044	.0163	.011	.00014
%RSD	.05752	.48285	.08420	.01308	.08779	.17267	.10356	.05925

#1	4.9124	4.9551	5.0097	4.9779	5.0357	9.4305	10.181	.24166
#2	4.9164	4.9214	5.0156	4.9788	5.0420	9.4075	10.166	.24146

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4911	24.383	.95985	2.4323	1.2176	4.8641	2.4334	23.477
Stddev	.0045	.047	.00423	.0068	.0000	.1072	.0027	.030
%RSD	.17976	.19155	.44060	.28012	.00317	2.2038	.11175	.12782

#1	2.4943	24.416	.95686	2.4371	1.2176	4.7883	2.4353	23.456
#2	2.4879	24.350	.96284	2.4275	1.2177	4.9399	2.4314	23.499

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4455	1.2226	23.489	2.4412	F 2.7670	25.897	4.9384	4.7257
Stddev	.0022	.0027	.073	.0047	.0672	.084	.0015	.0123
%RSD	.09111	.21676	.31236	.19467	2.4295	.32553	.03022	.26042

#1	2.4470	1.2245	23.437	2.4446	2.7194	25.956	4.9374	4.7344
#2	2.4439	1.2207	23.541	2.4378	2.8145	25.837	4.9395	4.7170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1190	4.9200	4.8555	4.8521	F 30.322	4.882	4.8419	F 9.1665
Stddev	.0566	.0159	.0146	.0157	.011	.008	.0112	.2448
%RSD	1.1047	.32281	.30019	.32252	.03472	.1554	.23165	2.6700

#1	5.1590	4.9313	4.8658	4.8632	30.314	4.887	4.8498	9.3395
#2	5.0790	4.9088	4.8452	4.8410	30.329	4.877	4.8339	8.9934

Sample Name: CCV14 Acquired: 9/28/2018 23:07:35 Type: Unk
 Method: P4-ICP2(v2464) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7526
Stddev	.3484
%RSD	12.657

#1	2.9990
#2	2.5063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.4	65604.	4443.1	101.00	4250.0
Stddev	.9	249.	18.4	2.33	12.4
%RSD	.02673	.37913	.41476	2.3046	.29247

#1	3188.8	65428.	4430.1	102.65	4241.3
#2	3190.0	65780.	4456.2	99.357	4258.8

Sample Name: CCB14 Acquired: 9/28/2018 23:11:22 Type: Unk
Method: P4-ICP2(v2464) 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	.00302	.00035	-.00053	.00107	-.00014	-.00023	-.00180
Stddev	.00026	.00145	.00001	.00420	.00038	.01224	.00060
%RSD	8.4657	415.33	2.4394	393.90	270.94	5378.1	33.338

#1	.00320	-.00068	-.00052	-.00190	-.00041	-.00888	-.00137
#2	.00284	.00137	-.00054	.00404	.00013	.00843	-.00222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00010	-.00479	-.00005	-.00009	.00007	-.00287
Stddev	.00002	.00006	.01248	.00005	.00009	.00011	.00967
%RSD	81.994	63.544	260.58	101.03	96.281	160.27	337.00

#1	.00001	.00014	-.01361	-.00001	-.00016	.00015	-.00971
#2	.00004	.00005	.00404	-.00008	-.00003	-.00001	.00397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.02685	-.00012	-.00059	.43348	.00002	-.00049
Stddev	.00001	.00446	.00006	.00066	.01177	.00014	.00006
%RSD	4.2537	16.613	50.306	111.20	2.7163	680.02	12.841

#1	-.00023	.03000	-.00016	-.00106	.44180	-.00008	-.00045
#2	-.00022	.02369	-.00008	-.00013	.42515	.00012	-.00054

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05960	.00112	-.00028	F .15968	-.00374	-.00012	-.00234
Stddev	.02199	.00032	.00961	.00883	.00056	.00058	.00124
%RSD	36.900	28.730	3403.0	5.5275	15.054	461.15	53.105

#1	.04405	.00135	-.00708	.16592	-.00413	.00028	-.00146
#2	.07515	.00089	.00651	.15344	-.00334	-.00053	-.00322

Sample Name: CCB14 Acquired: 9/28/2018 23:11:22 Type: Unk
 Method: P4-ICP2(v2464) 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 .07812	.0007	-.00003	F 5.4022	F<.00000
Stddev	.01150	.0009	.00017	.8307	.46607
%RSD	14.723	131.1	654.99	15.378	517.40
#1	.08625	.0000	.00009	4.8147	-.41964
#2	.06999	.0013	-.00014	5.9896	.23948
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.5	68883.	4525.2	105.15	4809.0
Stddev	13.0	201.	55.0	1.96	10.2
%RSD	.38835	.29120	1.2148	1.8625	.21272
#1	3339.3	69025.	4486.3	103.77	4801.7
#2	3357.7	68741.	4564.1	106.54	4816.2