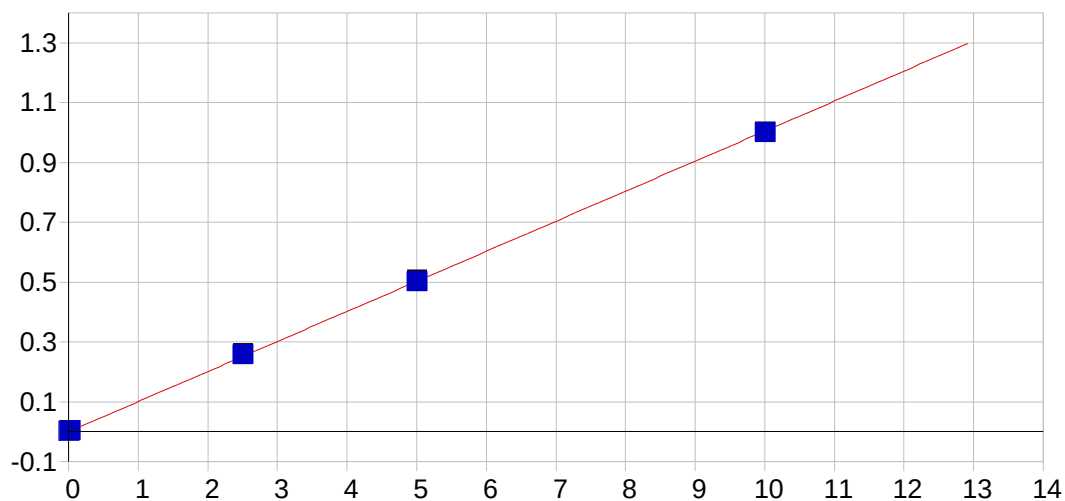


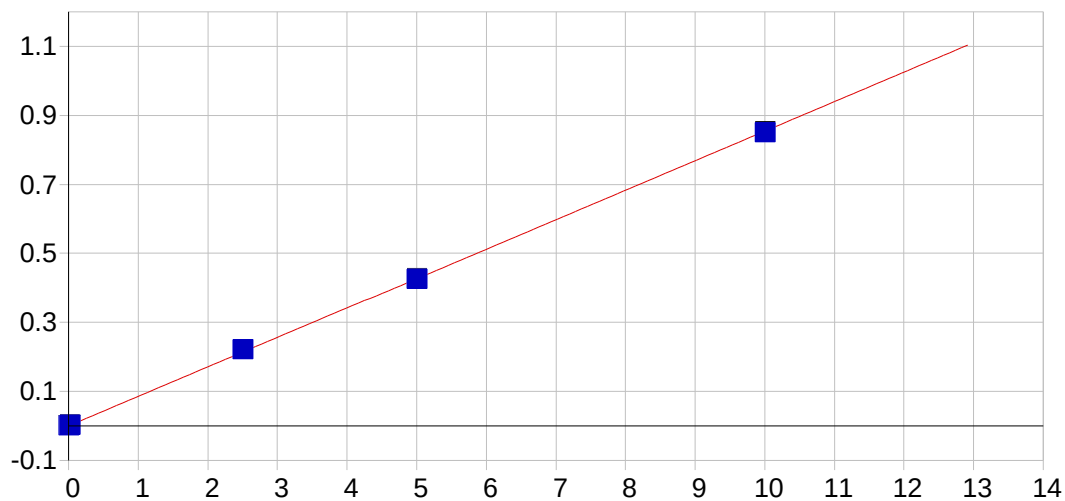


As 189.042 {478}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.100479 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.003705
 Predicted MQL: 0.012349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.02000	.01934	-.001	-3.31	.00192	.000	1
S3	2.5000	2.5648	.065	2.59	.25768	.001	1
S4	5.0000	4.9792	-.021	-.416	.50025	.006	1
S5	10.000	9.9566	-.043	-.434	1.0003	.000	1



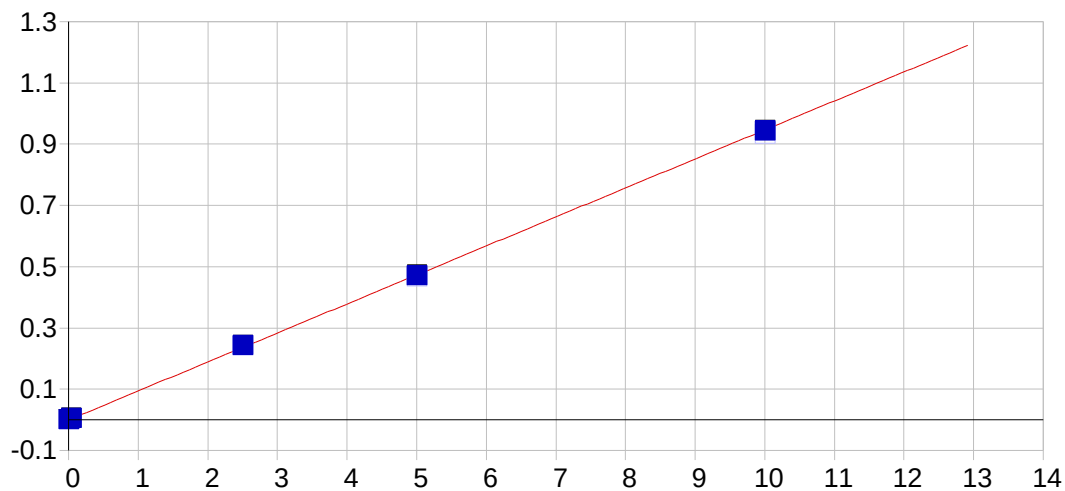
As 189.042 {479}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000072 Re-Slope: 1.000000

A1 (Gain): 0.085425 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003180
 Predicted MQL: 0.010600

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02332	.003	16.6	.00192	.000	1
S3	2.5000	2.5798	.080	3.19	.22029	.000	1
S4	5.0000	4.9779	-.022	-.443	.42513	.001	1
S5	10.000	9.9390	-.061	-.610	.84891	.003	1

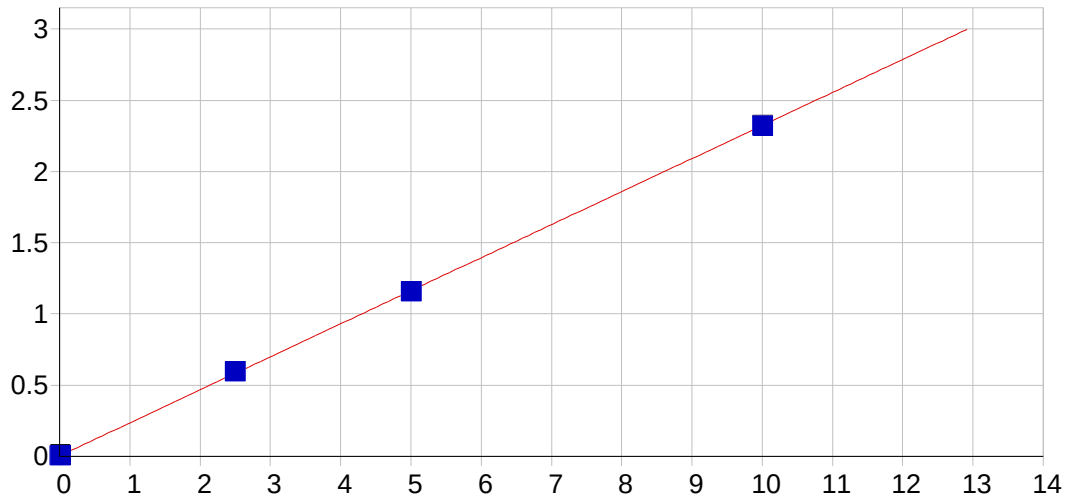


TI 190.856 {477}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.094682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001926
 Predicted MQL: 0.006421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00032	.000	1
S1	.04000	.04950	.010	23.8	.00427	.000	1
S3	2.5000	2.5606	.061	2.42	.23970	.001	1
S4	5.0000	4.9788	-.021	-.424	.46623	.001	1
S5	10.000	9.9512	-.049	-.488	.93218	.003	1

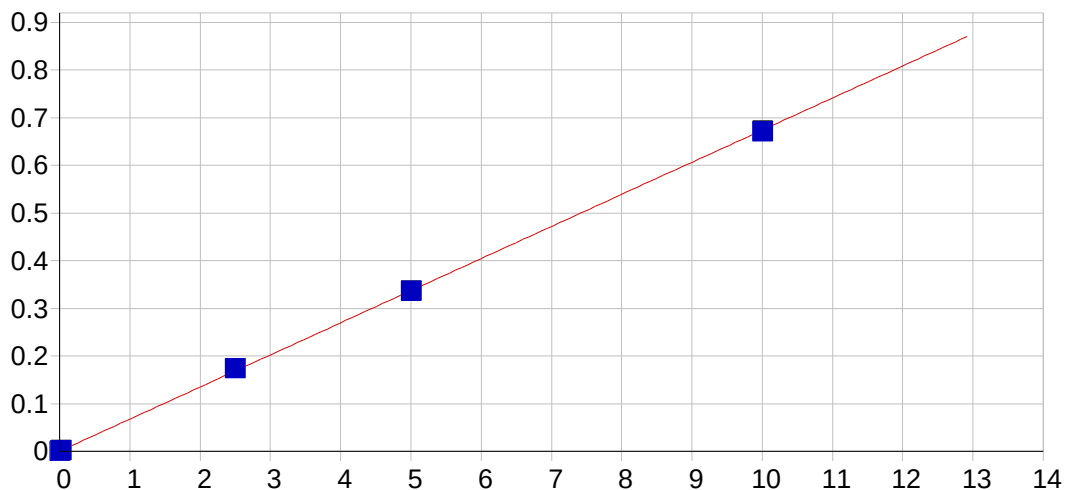


Pb 220.353 {453}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003261 Re-Slope: 1.000000
 A1 (Gain): 0.231972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001341
 Predicted MQL: 0.004469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00326	.000	1
S1	.01200	.01435	.002	19.6	.00654	.000	1
S3	2.5000	2.5435	.043	1.74	.59260	.000	1
S4	5.0000	4.9650	-.035	-.700	1.1536	.000	1
S5	10.000	9.9892	-.011	-.108	2.3178	.002	1



Se 196.090 {472}

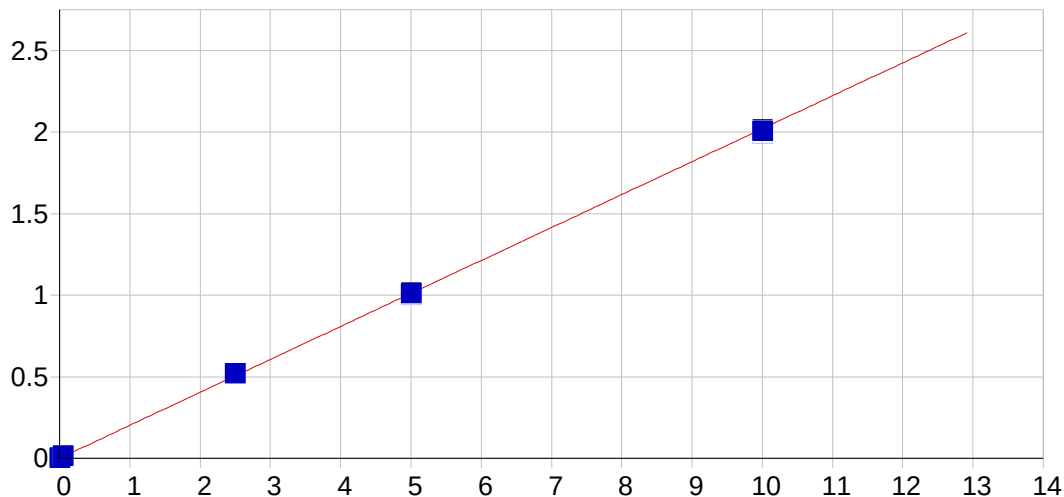
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.067382 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000020
 Predicted MDL: 0.004438
 Predicted MQL: 0.014794

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.02000	.02206	.002	10.3	.00168	.000	1
S3	2.5000	2.5712	.071	2.85	.17345	.000	1
S4	5.0000	4.9817	-.018	-.365	.33588	.000	1
S5	10.000	9.9450	-.055	-.550	.67033	.001	1



Sb 206.833 {463}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

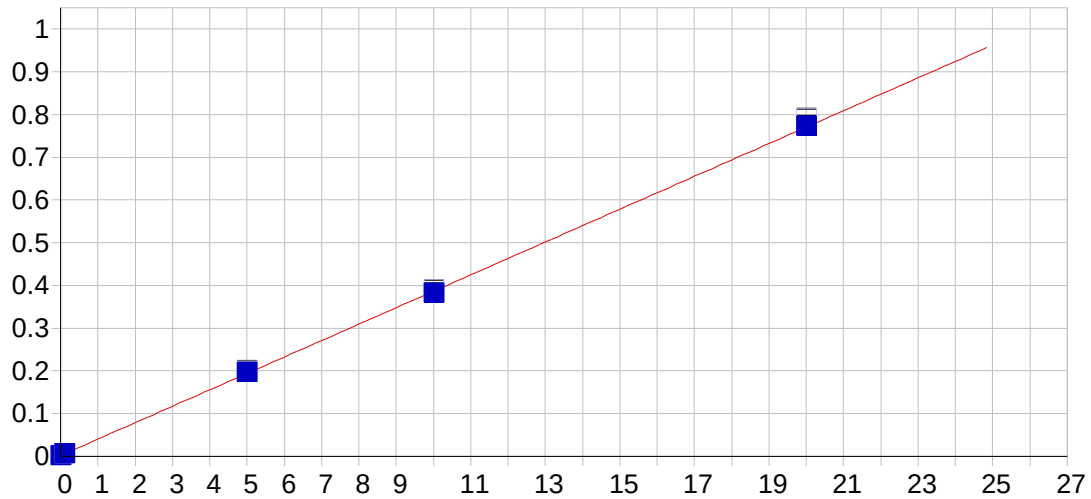
Weighting: 1/Conc

A0 (Offset): 0.000582
 A1 (Gain): 0.201943
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000110
 Predicted MDL: 0.002052
 Predicted MQL: 0.006839

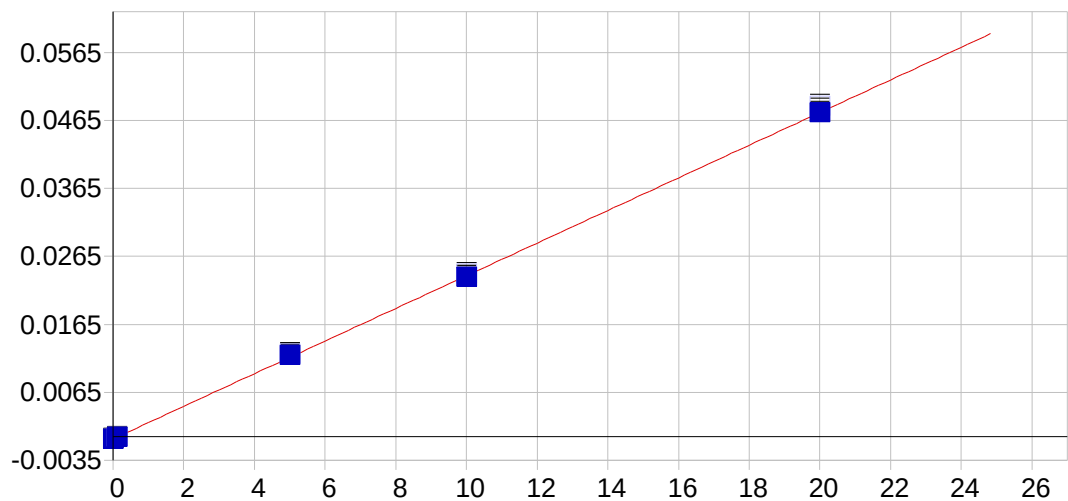
Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00058	.000	1
S1	.05000	.05814	.008	16.3	.01207	.000	1
S3	2.5000	2.5661	.066	2.65	.51312	.000	1
S4	5.0000	4.9944	-.006	-.112	.99782	.002	1
S5	10.000	9.9314	-.069	-.686	1.9835	.005	1



AI 308.215 {109}							
Date of Fit:		9/24/2018 11:50:26		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.001921		Re-Slope:		1.000000	
A1 (Gain):		0.038440		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999965		Status:	OK.		
Std Error of Est:		0.000025					
Predicted MDL:		0.003264					
Predicted MQL:		0.010880					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00192	.000	1
S1	.10000	.10370	.004	3.70	.00617	.000	1
S3	5.0000	5.0514	.051	1.03	.19992	.000	1
S4	10.000	9.8722	-.128	-1.28	.38906	.001	1
S5	20.000	20.073	.073	.363	.78882	.001	1

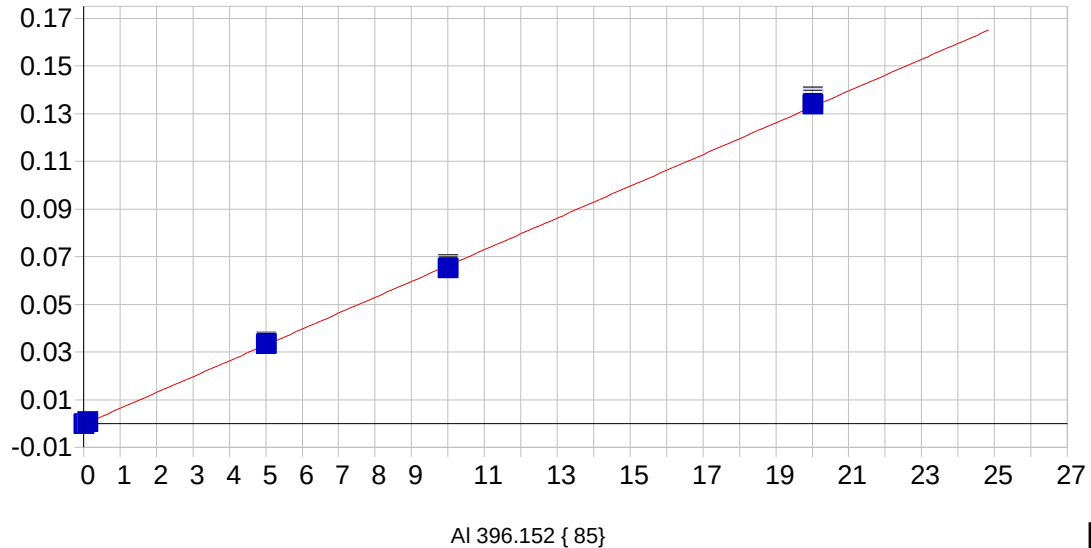


AI 309.271 {109}					
Date of Fit:	9/24/2018 11:50:26	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000353	Re-Slope:	1.000000		
A1 (Gain):	0.002400	Y-int:	0.000000		

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000002
 Predicted MDL: 0.032126
 Predicted MQL: 0.107086

Status: OK.

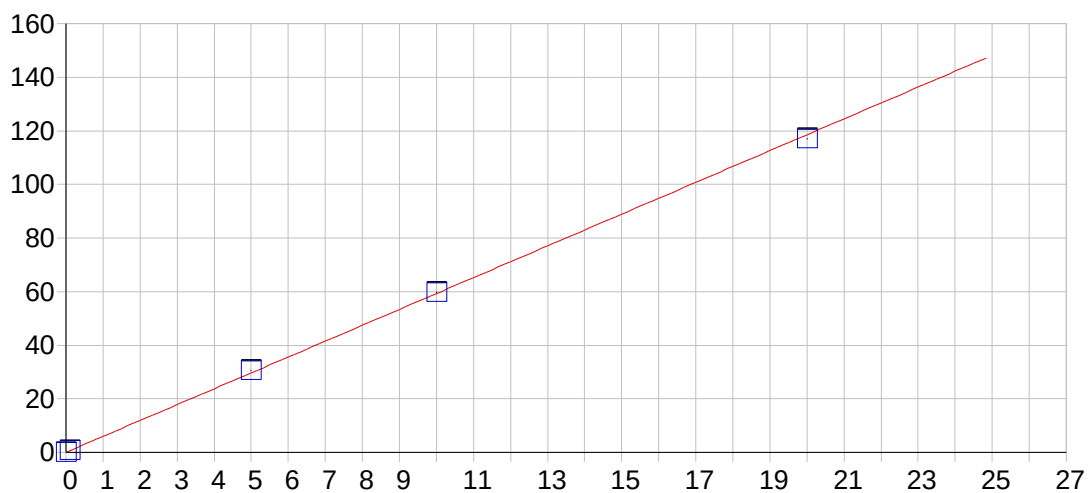
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00035	.000	1
S1	.10000	.10941	.009	9.41	-.00007	.000	1
S3	5.0000	5.1203	.120	2.41	.01218	.000	1
S4	10.000	9.9002	-.100	-.998	.02389	.000	1
S5	20.000	19.970	-.030	-.152	.04854	.000	1



Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.006658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.016927
 Predicted MQL: 0.056423

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00034	.000	1
S1	.10000	.13178	.032	31.8	.00058	.000	1
S3	5.0000	5.0486	.049	.971	.03393	.000	1
S4	10.000	9.8102	-.190	-1.90	.06630	.000	1
S5	20.000	20.108	.108	.540	.13619	.001	1

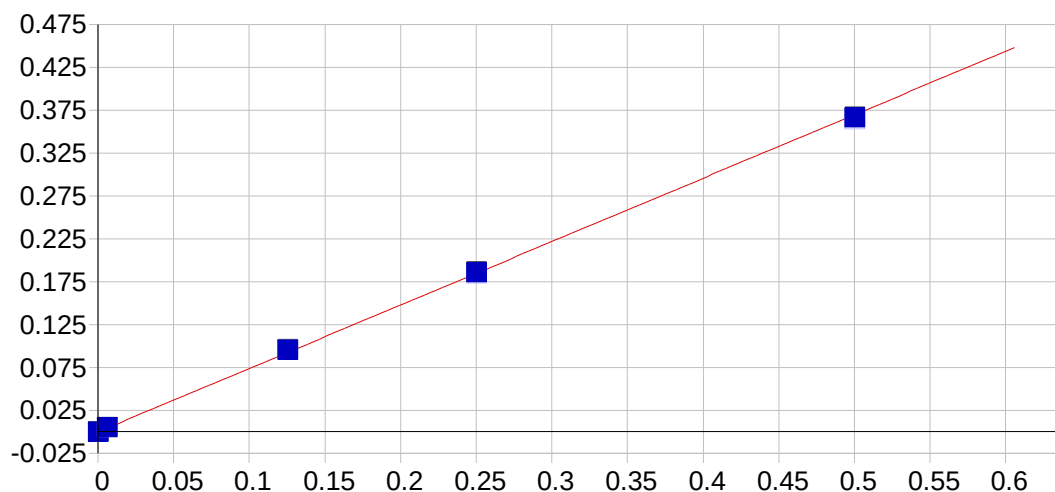


Ba 493.409 { 68}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.037187 Re-Slope: 1.000000
 A1 (Gain): 5.924361 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.007737
 Predicted MDL: 0.000741
 Predicted MQL: 0.002470

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.03710	.002	1
S1	.10000	.11235	.012	12.3	.70277	.000	1
S3	5.0000	5.1632	.163	3.26	30.626	.218	1
S5	20.000	19.757	-.243	-1.21	117.09	.255	1
S4	10.000	10.067	.067	.671	59.678	.213	1



Be 234.861 {144}

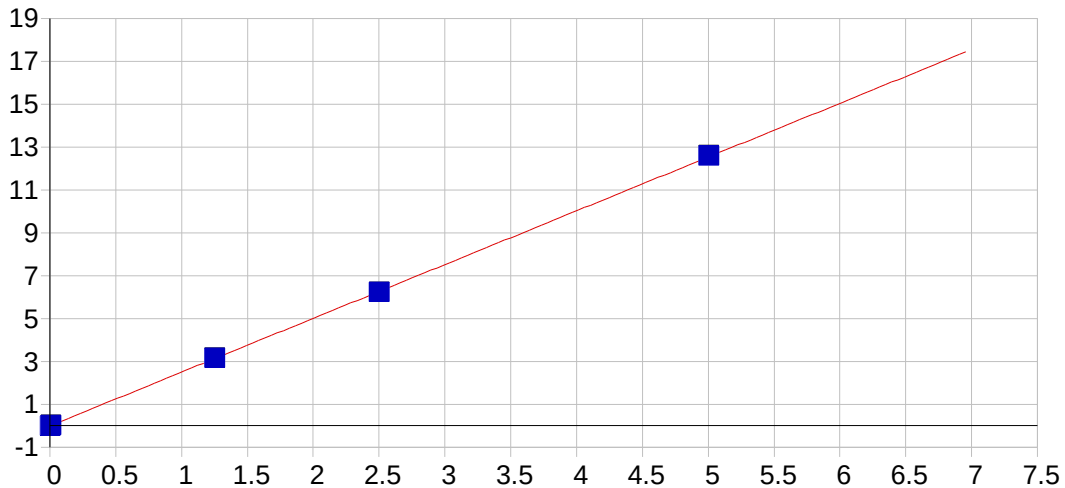
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.739793 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871
 Std Error of Est: 0.000035
 Predicted MDL: 0.000092
 Predicted MQL: 0.000305

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.00600	.00642	.000	6.95	.00460	.000	1
S3	.12500	.12911	.004	3.29	.09483	.001	1
S4	.25000	.25085	.001	.340	.18431	.001	1
S5	.50000	.49463	-.005	-1.07	.36350	.001	1



Cd 226.502 {449}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

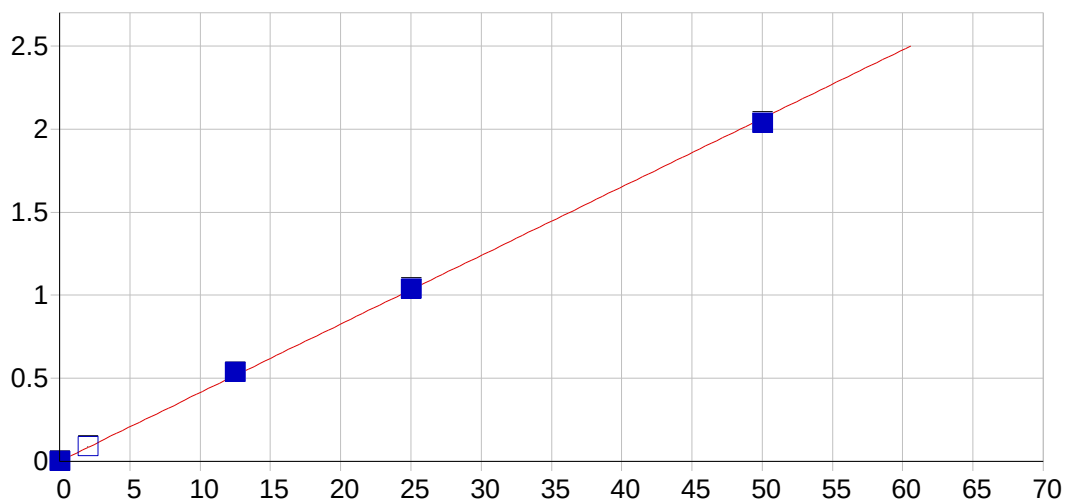
Weighting: 1/Conc

A0 (Offset): -0.001579
 A1 (Gain): 2.507694
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000138
 Predicted MDL: 0.000134
 Predicted MQL: 0.000447

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	-.00158	.000	1
S1	.00600	.00664	.001	10.6	.01509	.000	1
S3	1.2500	1.2508	.001	.063	3.1357	.000	1
S4	2.5000	2.4797	-.020	-.811	6.2182	.015	1
S5	5.0000	5.0189	.019	.377	12.587	.011	1

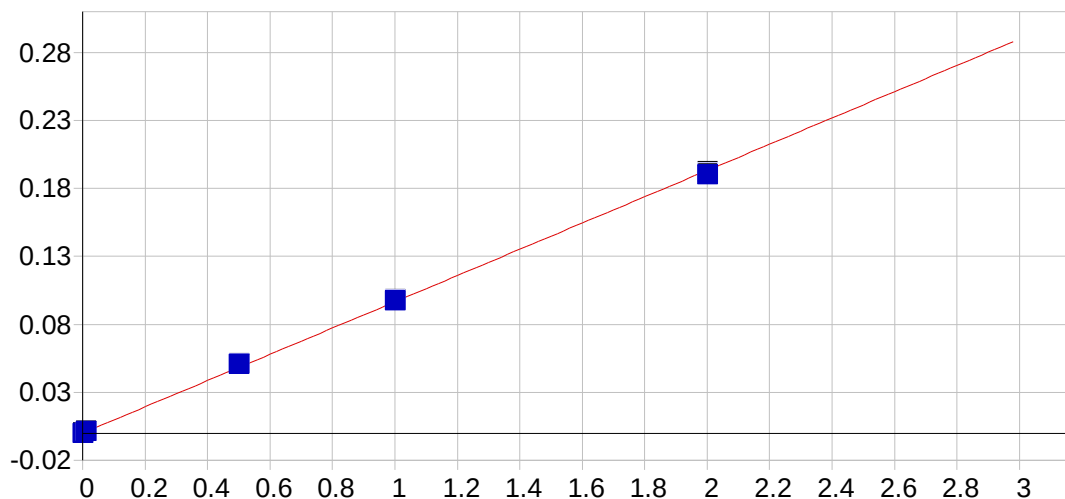


Ca 373.690 { 90}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001232 Re-Slope: 1.000000
 A1 (Gain): 0.041258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000454
 Predicted MDL: 0.022808
 Predicted MQL: 0.076028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1588	.159	7.94	.09030	.001	1
S0	.00000	-.00021	-.000	.000	.00122	.000	1
S3	12.500	12.911	.411	3.29	.53418	.002	1
S4	25.000	25.126	.126	.504	1.0384	.005	1
S5	50.000	49.304	-.696	-1.39	2.0365	.004	1



Cr 267.716 {126}

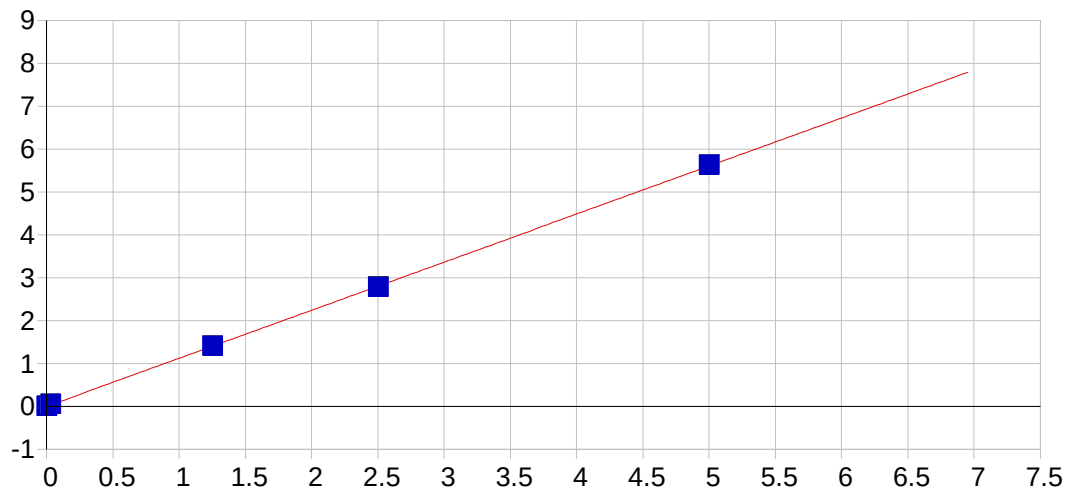
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.096588 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724
 Std Error of Est: 0.000017
 Predicted MDL: 0.000740
 Predicted MQL: 0.002466

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.01000	.01168	.002	16.8	.00114	.000	1
S3	.50000	.52307	.023	4.61	.05089	.000	1
S4	1.0000	1.0083	.008	.833	.09812	.000	1
S5	2.0000	1.9669	-.033	-1.65	.19143	.001	1



Co 228.616 {447}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

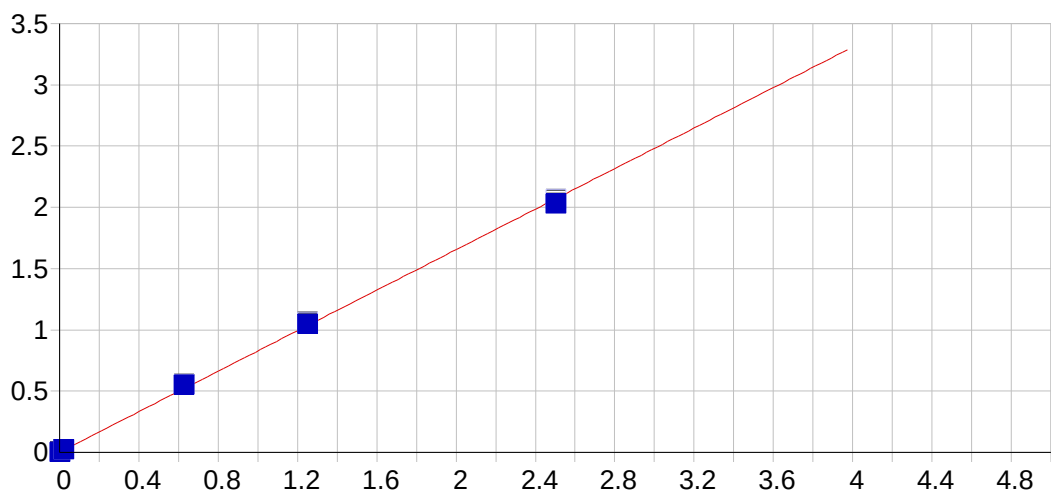
Weighting: 1/Conc

A0 (Offset): -0.000545
 A1 (Gain): 1.121595
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000248
 Predicted MDL: 0.000278
 Predicted MQL: 0.000928

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	-.00055	.000	1
S1	.03000	.03468	.005	15.6	.03813	.000	1
S3	1.2500	1.2504	.000	.035	1.4030	.004	1
S4	2.5000	2.4783	-.022	-.867	2.7813	.003	1
S5	5.0000	5.0166	.017	.332	5.6304	.004	1

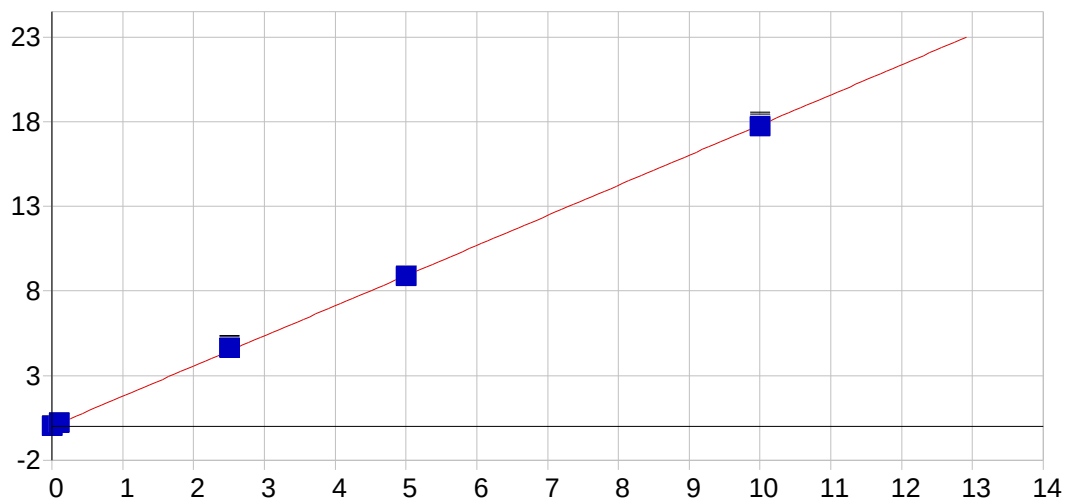


Cu 224.700 {450}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001825 Re-Slope: 1.000000
 A1 (Gain): 0.826587 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999631 Status: OK.
 Std Error of Est: 0.000276
 Predicted MDL: 0.000596
 Predicted MQL: 0.001988

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00182	.000	1
S1	.02000	.02301	.003	15.0	.02111	.000	1
S3	.62500	.65880	.034	5.41	.55493	.001	1
S4	1.2500	1.2621	.012	.965	1.0621	.000	1
S5	2.5000	2.4511	-.049	-1.95	2.0621	.002	1



Fe 240.488 {140}

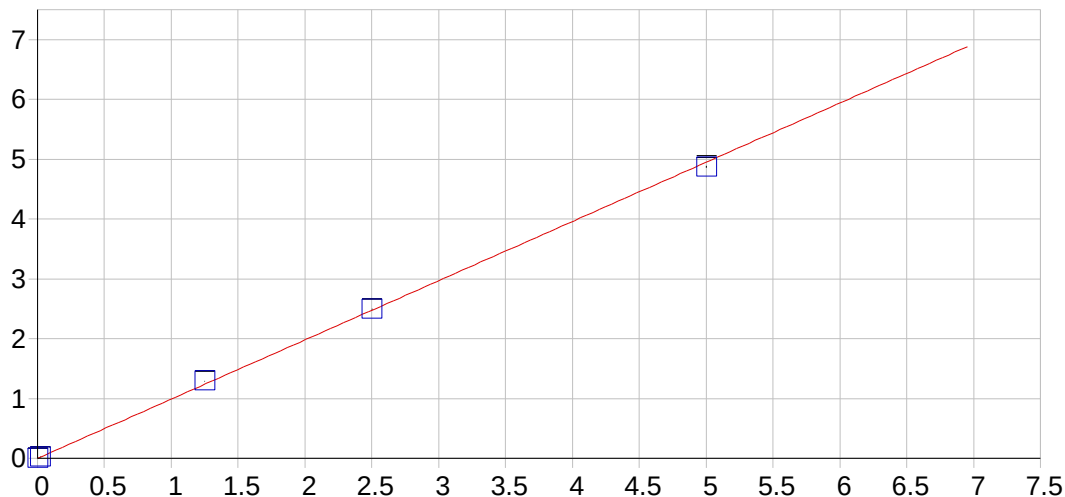
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005444 Re-Slope: 1.000000
 A1 (Gain): 1.779786 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874
 Std Error of Est: 0.001537
 Predicted MDL: 0.008503
 Predicted MQL: 0.028344

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00543	.013	1
S1	.10000	.10552	.006	5.52	.19412	.014	1
S3	2.5000	2.5937	.094	3.75	4.6441	.119	1
S4	5.0000	4.9708	-.029	-.585	8.8971	.009	1
S5	10.000	9.9300	-.070	-.700	17.768	.177	1



Mn 257.610 {131}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

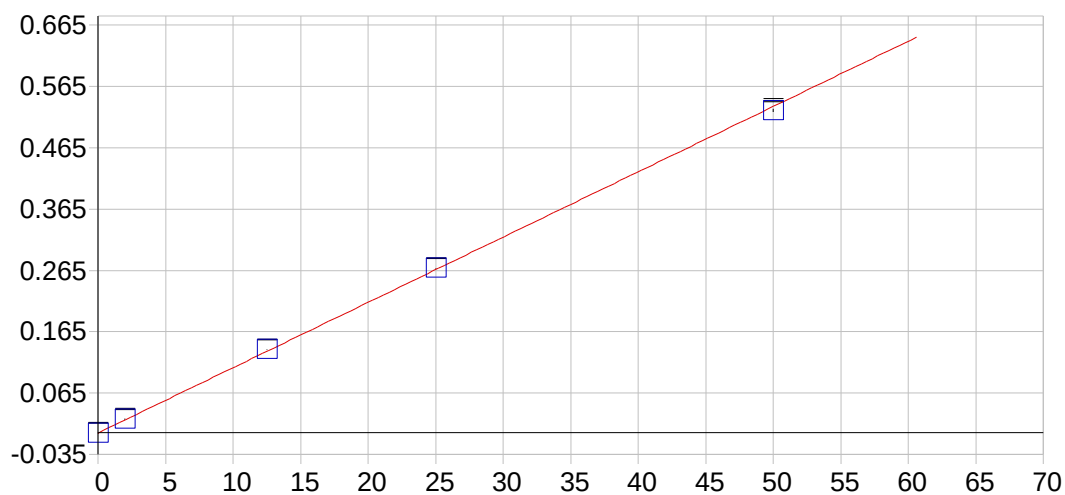
Weighting: 1/Conc

A0 (Offset): 0.000320
 A1 (Gain): 0.989837
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740
 Std Error of Est: 0.000386
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.02000	.02359	.004	18.0	.02367	.000	1
S3	1.2500	1.3070	.057	4.56	1.2941	.005	1
S4	2.5000	2.5170	.017	.678	2.4917	.000	1
S5	5.0000	4.9224	-.078	-1.55	4.8727	.012	1

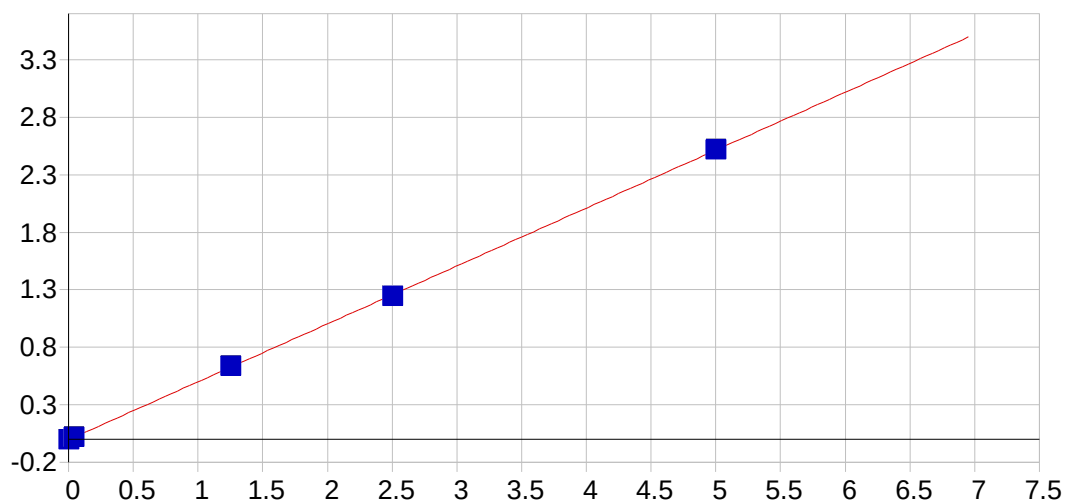


Mg 279.079 {121}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.010649 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.048590
 Predicted MQL: 0.161968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1202	.120	6.01	.02247	.001	1
S0	.00000	-.00016	-.000	.000	-.00011	.000	1
S3	12.500	12.768	.268	2.14	.13585	.000	1
S4	25.000	25.208	.208	.831	.26832	.001	1
S5	50.000	49.404	-.596	-1.19	.52598	.003	1



Ni 231.604 {445}

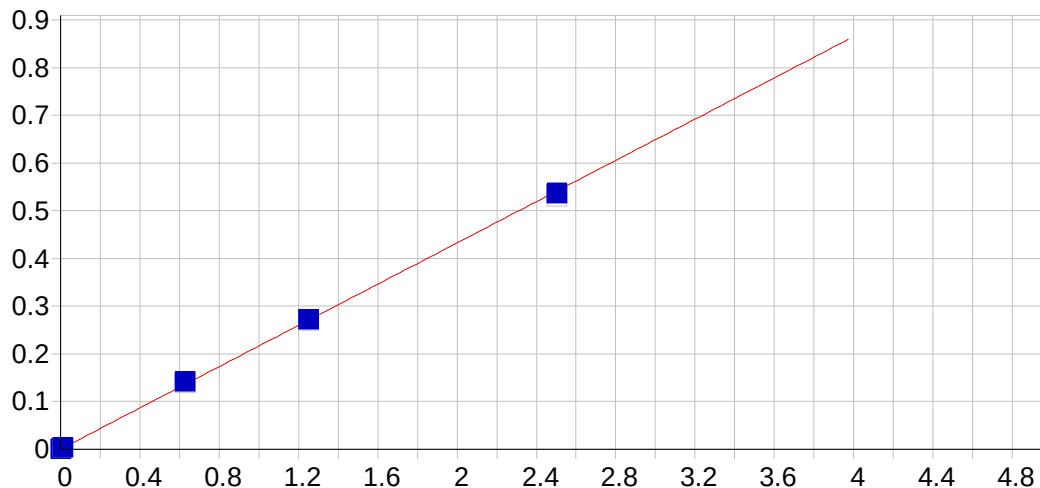
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003648 Re-Slope: 1.000000
 A1 (Gain): 0.503440 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000120
 Predicted MDL: 0.000562
 Predicted MQL: 0.001872

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00365	.000	1
S1	.04000	.04452	.005	11.3	.01878	.000	1
S3	1.2500	1.2632	.013	1.06	.63298	.001	1
S4	2.5000	2.4774	-.023	-.905	1.2449	.003	1
S5	5.0000	5.0049	.005	.098	2.5188	.001	1



Ag 328.068 {103}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

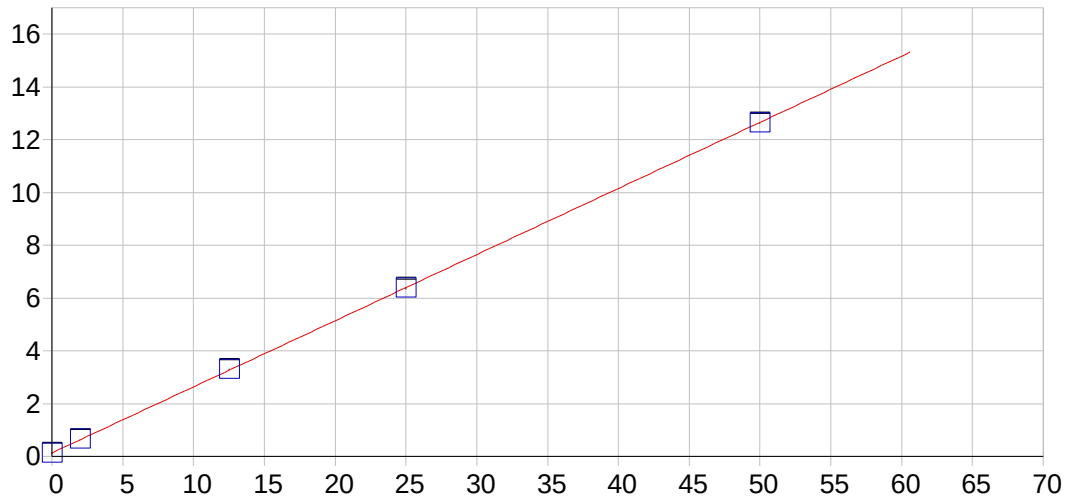
Weighting: 1/Conc

A0 (Offset): 0.000341
 A1 (Gain): 0.216279
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000031
 Predicted MDL: 0.000640
 Predicted MQL: 0.002133

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	.00034	.000	1
S1	.01000	.01100	.001	10.0	.00268	.000	1
S3	.62500	.64770	.023	3.63	.13889	.000	1
S4	1.2500	1.2522	.002	.177	.26810	.000	1
S5	2.5000	2.4741	-.026	-1.04	.52930	.001	1

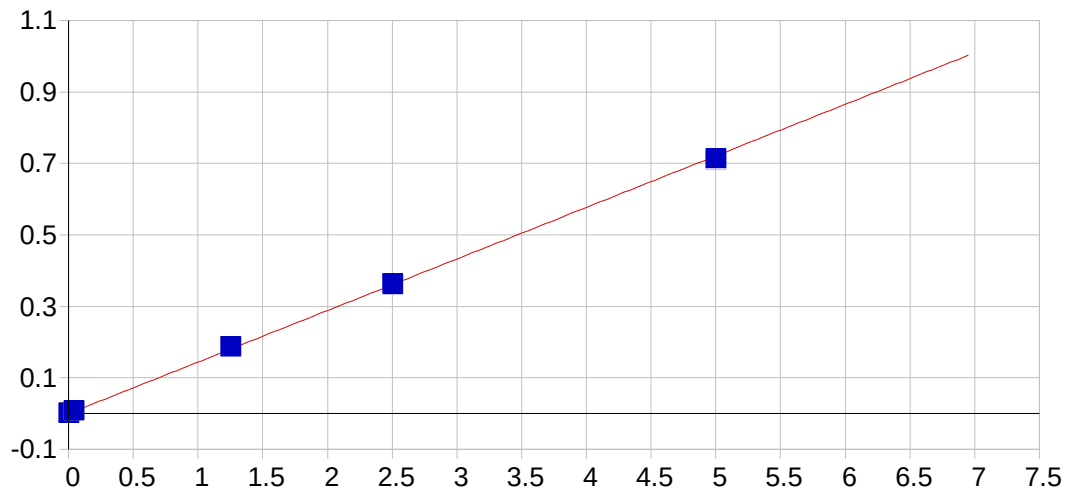


Na 589.592 { 57}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.129982 Re-Slope: 1.000000
 A1 (Gain): 0.250609 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000826
 Predicted MDL: 0.012235
 Predicted MQL: 0.040782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0513	.051	2.56	.64405	.002	1
S0	.00000	-.00006	-.000	.000	.12997	.005	1
S3	12.500	12.633	.133	1.07	3.2960	.021	1
S4	25.000	24.904	-.096	-.383	6.3712	.032	1
S5	50.000	49.911	-.089	-.178	12.638	.031	1



V 292.402 {115}

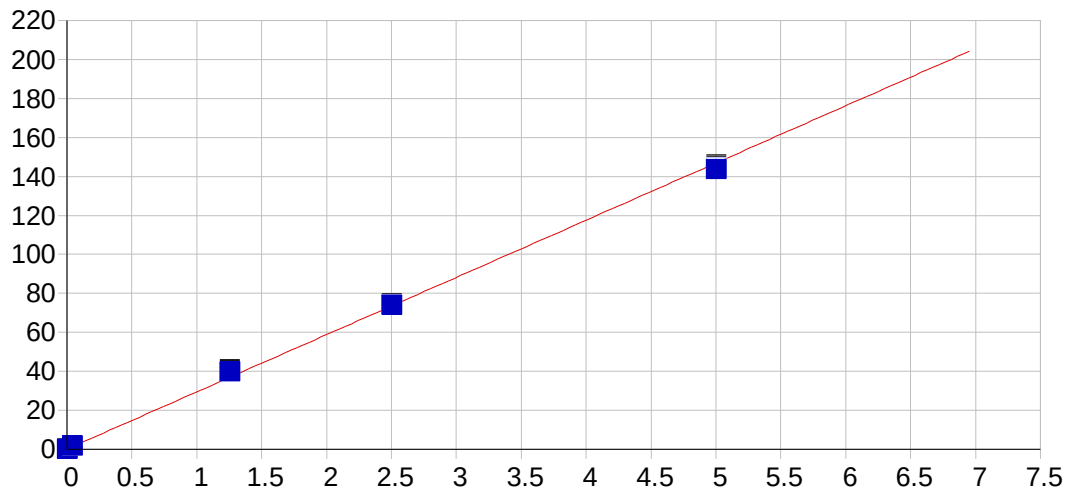
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000116 Re-Slope: 1.000000
 A1 (Gain): 0.144265 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.000070
 Predicted MDL: 0.000673
 Predicted MQL: 0.002242

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.04000	.04792	.008	19.8	.00671	.000	1
S3	1.2500	1.2906	.041	3.25	.18489	.001	1
S4	2.5000	2.5075	.007	.299	.35927	.000	1
S5	5.0000	4.9441	-.056	-1.12	.70843	.000	1



Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

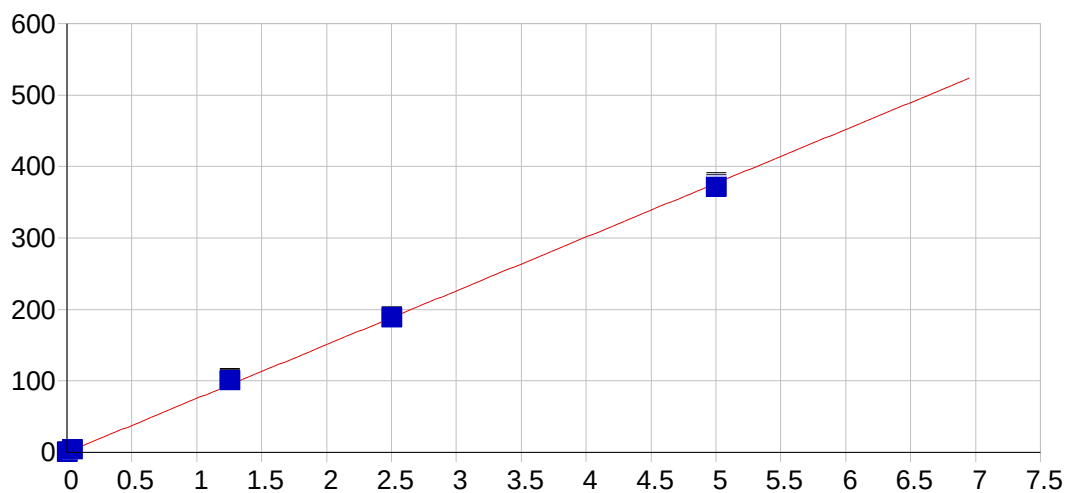
Weighting: 1/Conc

A0 (Offset): 0.120987
 A1 (Gain): 29.355891
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999378
 Std Error of Est: 0.025209
 Predicted MDL: 0.000559
 Predicted MQL: 0.001862

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	.12073	.014	1
S1	.04000	.04651	.007	16.3	1.4941	.054	1
S3	1.2500	1.3452	.095	7.62	39.832	.904	1
S4	2.5000	2.5141	.014	.564	74.368	.179	1
S5	5.0000	4.8842	-.116	-2.32	144.39	1.53	1

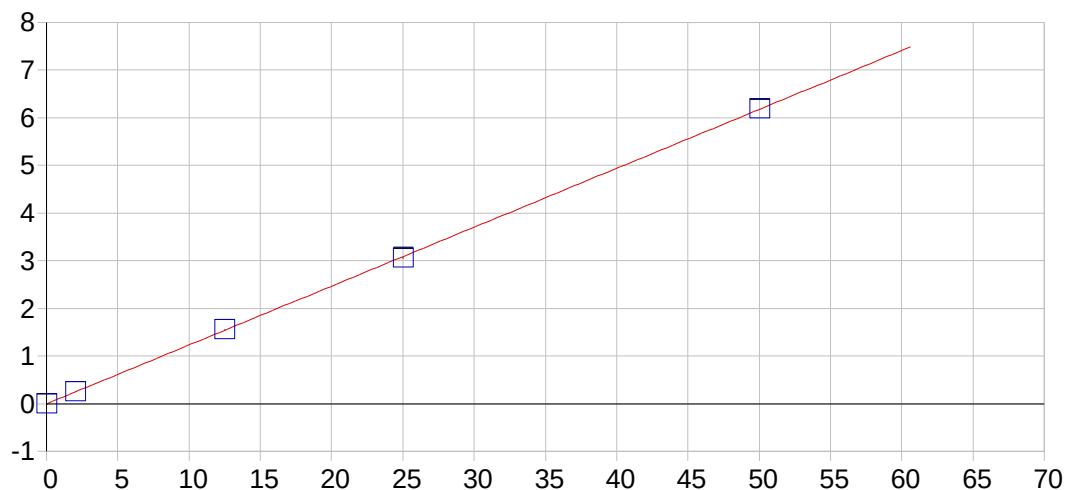


Zn 213.856 {458}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.230217 Re-Slope: 1.000000
 A1 (Gain): 75.264780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.048802
 Predicted MDL: 0.000110
 Predicted MQL: 0.000366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.22973	.012	1
S1	.04000	.04476	.005	11.9	3.6191	.071	1
S3	1.2500	1.3263	.076	6.10	100.62	2.25	1
S4	2.5000	2.4918	-.008	-.326	188.92	1.09	1
S5	5.0000	4.9271	-.073	-1.46	373.34	3.54	1



K 766.490 {44}

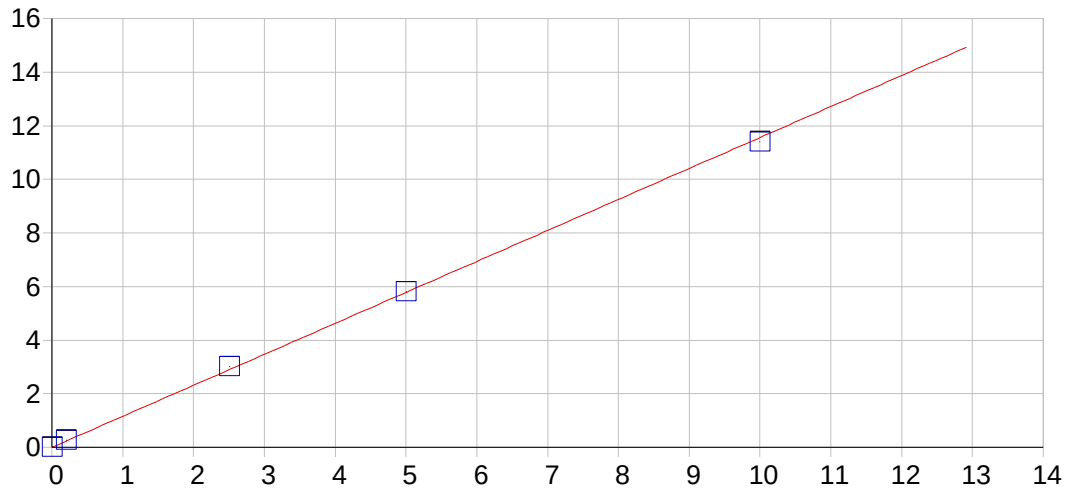
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004326 Re-Slope: 1.000000
 A1 (Gain): 0.123585 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973
 Std Error of Est: 0.000493
 Predicted MDL: 0.034803
 Predicted MQL: 0.116009

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0522	.052	2.61	.24930	.000	1
S0	.00000	-.00006	-.000	.000	-.00433	.001	1
S3	12.500	12.629	.129	1.04	1.5565	.001	1
S4	25.000	24.775	-.225	-.902	3.0574	.016	1
S5	50.000	50.044	.044	.088	6.1803	.003	1



Mo 202.030 {467}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

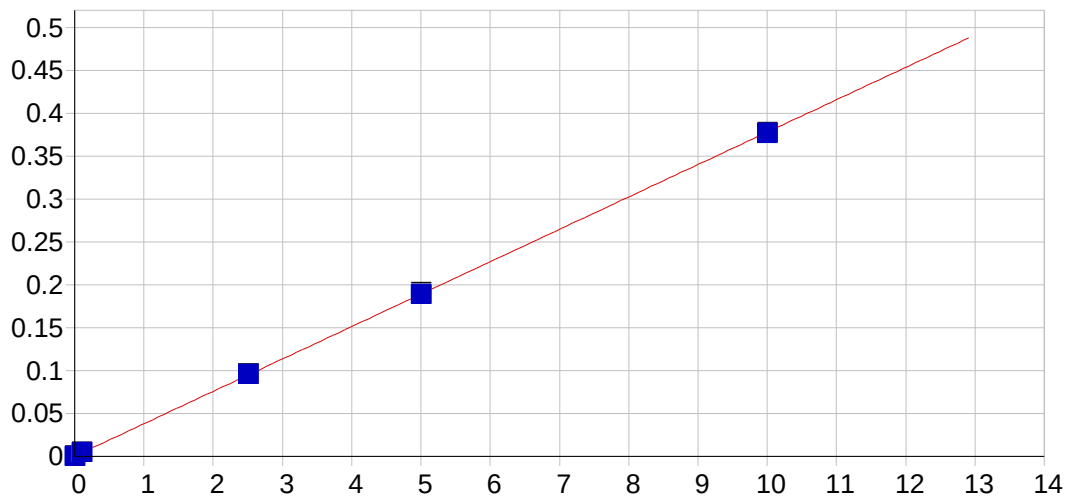
Weighting: 1/Conc

A0 (Offset): 0.000537
 A1 (Gain): 1.155923
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771
 Std Error of Est: 0.001900
 Predicted MDL: 0.000326
 Predicted MQL: 0.001086

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	.00051	.000	1
S1	.20000	.22219	.022	11.1	.25737	.000	1
S3	2.5000	2.5959	.096	3.84	3.0012	.000	1
S4	5.0000	5.0193	.019	.387	5.8025	.005	1
S5	10.000	9.8625	-.137	-1.37	11.401	.012	1

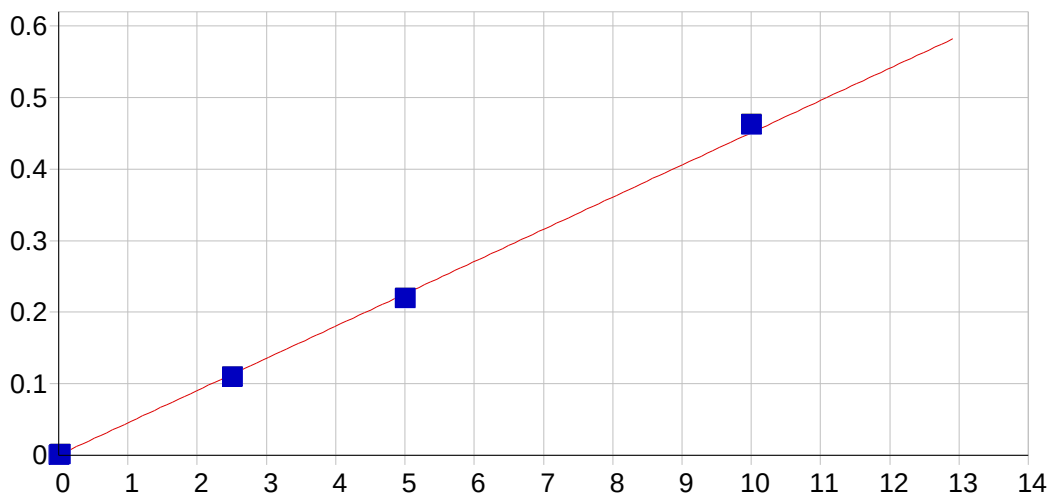


B 249.678 {135}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000272 Re-Slope: 1.000000
 A1 (Gain): 0.037771 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.010417
 Predicted MQL: 0.034723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00027	.000	1
S1	.10000	.10929	.009	9.29	.00438	.000	1
S3	2.5000	2.5304	.030	1.22	.09563	.001	1
S4	5.0000	4.9928	-.007	-.144	.18841	.002	1
S5	10.000	9.9675	-.032	-.325	.37587	.000	1



S 182.034 {485}

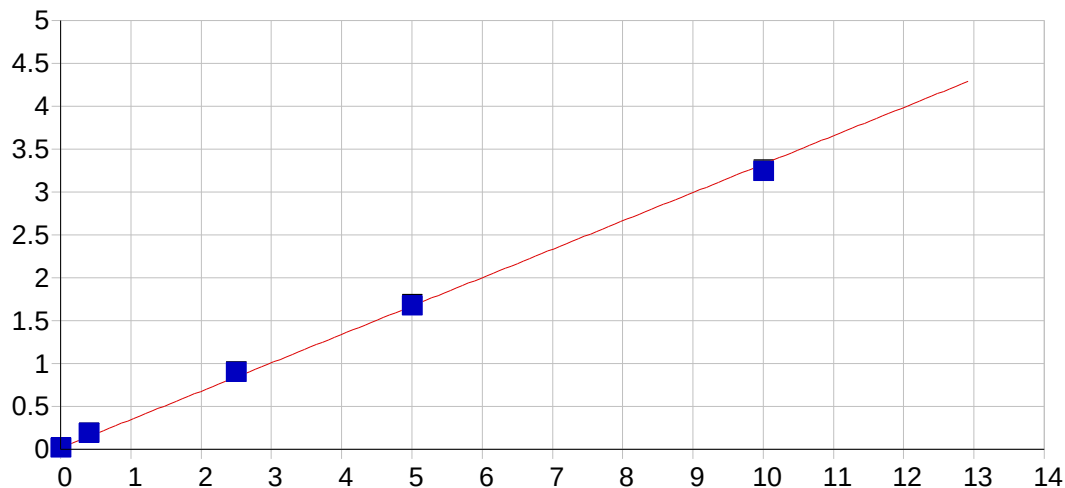
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000371 Re-Slope: 1.000000
 A1 (Gain): 0.045061 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999589
 Std Error of Est: 0.000031
 Predicted MDL: 0.003752
 Predicted MQL: 0.012506

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.02000	.01623	-.004	-18.9	.00108	.000	1
S3	2.5000	2.4133	-.087	-3.47	.10899	.000	1
S4	5.0000	4.8465	-.154	-3.07	.21851	.000	1
S5	10.000	10.244	.244	2.44	.46147	.000	1



Si 288.158 {117}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

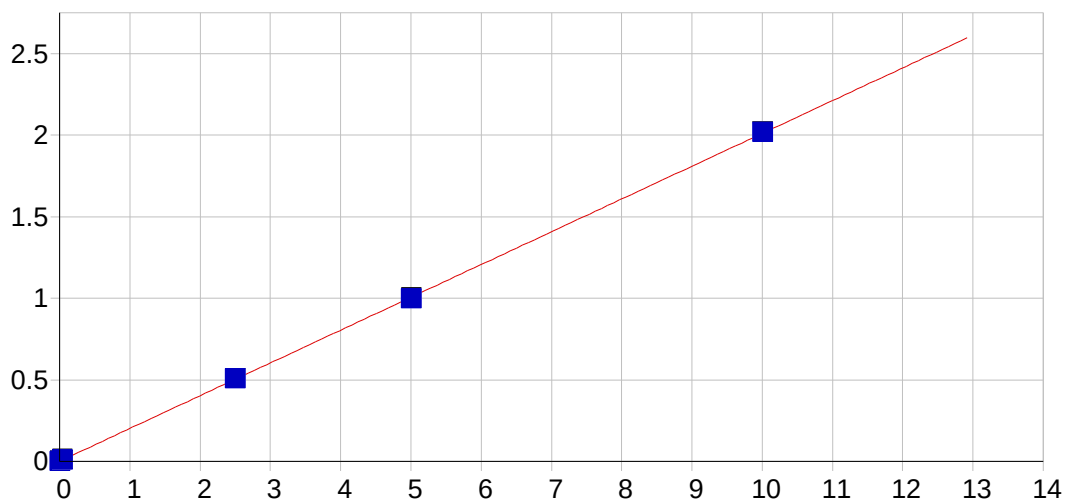
Weighting: 1/Conc

A0 (Offset): 0.015455
 A1 (Gain): 0.330965
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998681
 Std Error of Est: 0.001856
 Predicted MDL: 0.003393
 Predicted MQL: 0.011311

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	-.00012	-.000	.000	.01541	.000	1
S1	.40000	.50940	.109	27.4	.18394	.002	1
S3	2.5000	2.6594	.159	6.37	.89517	.009	1
S4	5.0000	4.9979	-.002	-.042	1.6687	.021	1
S5	10.000	9.7333	-.267	-2.67	3.2351	.020	1

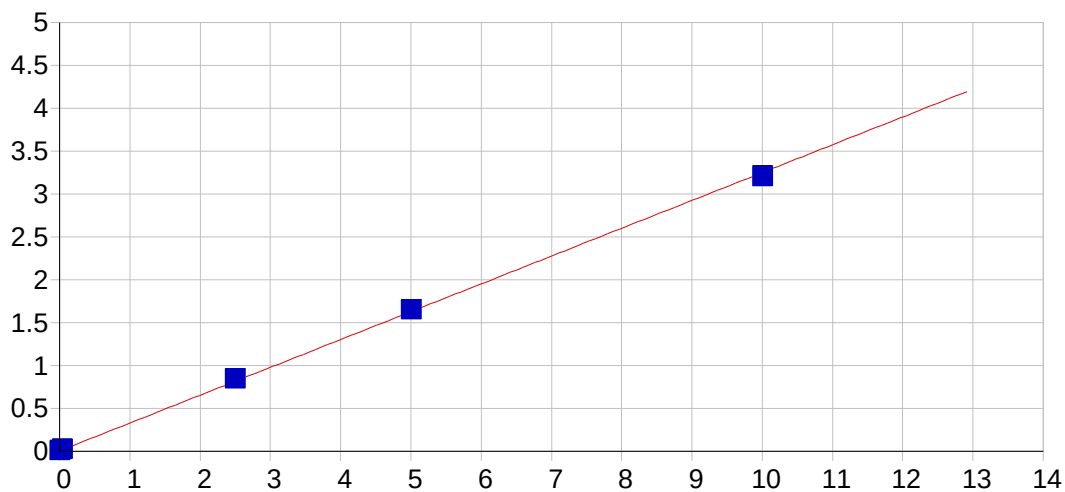


Sn 189.989 {477}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000961 Re-Slope: 1.000000
 A1 (Gain): 0.200921 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.000866
 Predicted MQL: 0.002888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00096	.000	1
S1	.04000	.04320	.003	8.01	.00964	.000	1
S3	2.5000	2.5159	.016	.635	.50654	.000	1
S4	5.0000	4.9558	-.044	-.884	.99686	.003	1
S5	10.000	10.025	.025	.251	2.0156	.005	1



Ti 336.121 {100}

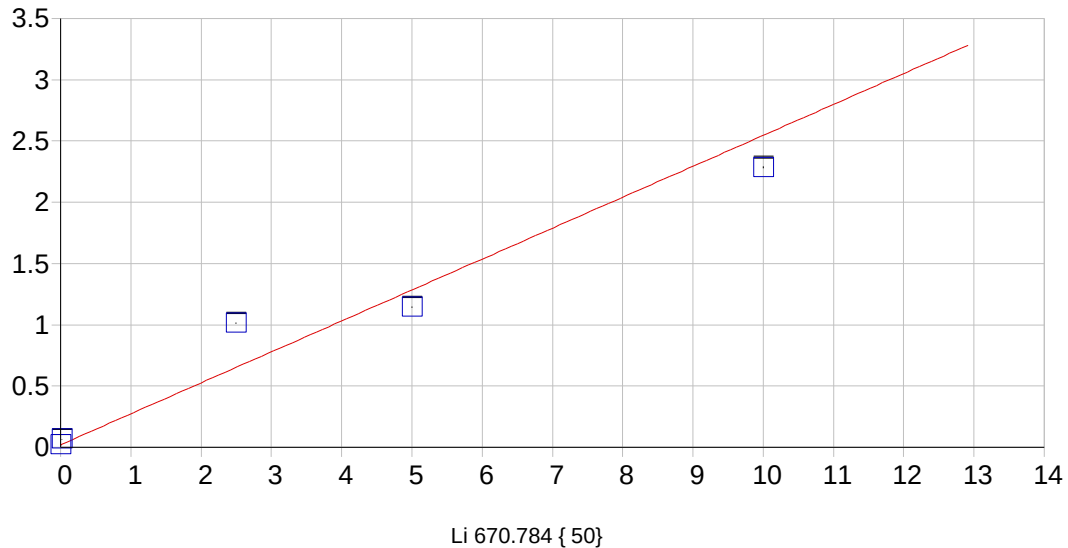
Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005523 Re-Slope: 1.000000
 A1 (Gain): 0.324419 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801
 Std Error of Est: 0.000221
 Predicted MDL: 0.002294
 Predicted MQL: 0.007648

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00552	.000	1
S1	.04000	.04467	.005	11.7	.02001	.000	1
S3	2.5000	2.5895	.089	3.58	.84549	.001	1
S4	5.0000	5.0626	.063	1.25	1.6477	.002	1
S5	10.000	9.8432	-.157	-1.57	3.1984	.012	1



Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

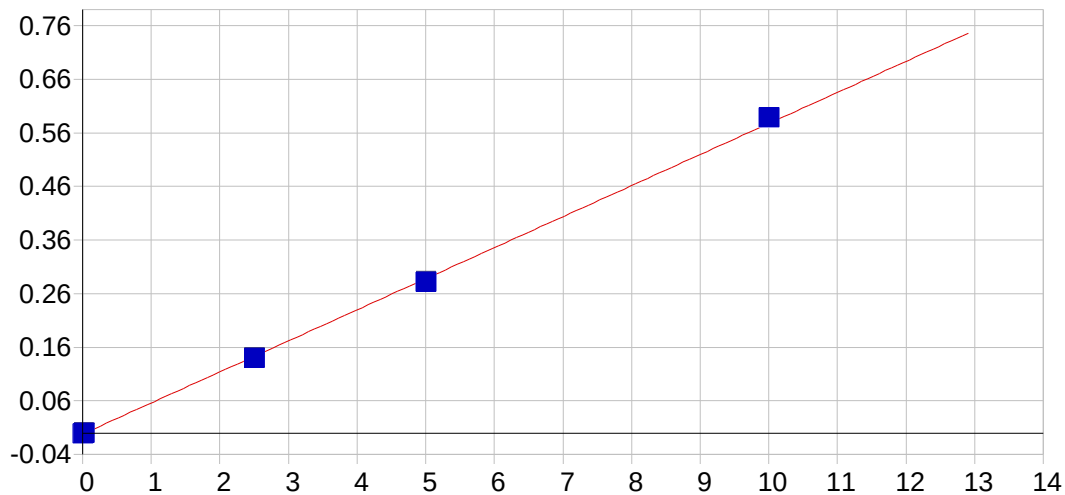
Weighting: 1/Conc

A0 (Offset): 0.021371
 A1 (Gain): 0.252473
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.941492
 Std Error of Est: 0.002183
 Predicted MDL: 0.014111
 Predicted MQL: 0.047036

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	.02133	.001	1
S1	.02000	.17832	.158	792.	.06639	.001	1
S3	2.5000	3.9331	1.43	57.3	1.0144	.006	1
S4	5.0000	4.4430	-.557	-11.1	1.1431	.004	1
S5	10.000	8.9656	-1.03	-10.3	2.2849	.006	1

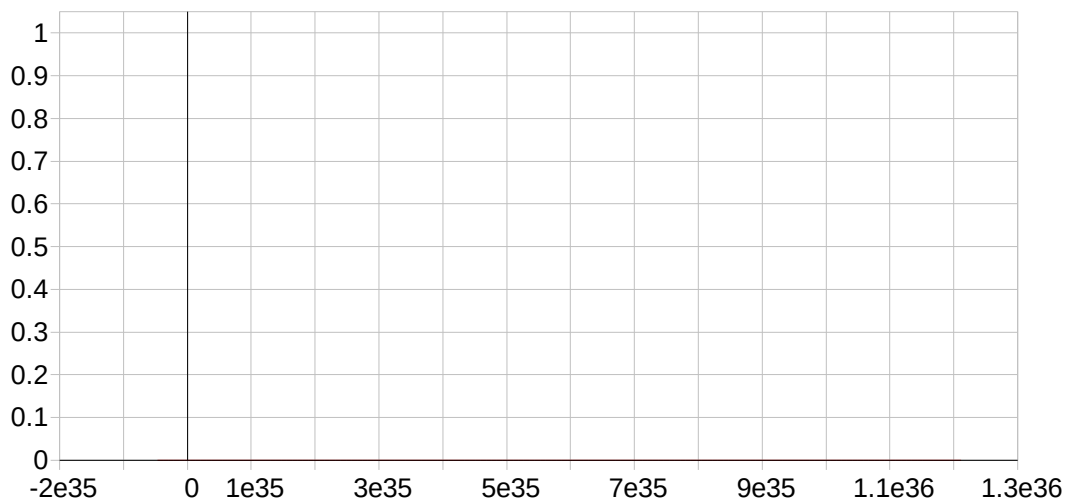


P 177.495 {490}

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001931 Re-Slope: 1.000000
 A1 (Gain): 0.057939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002540
 Predicted MQL: 0.008467

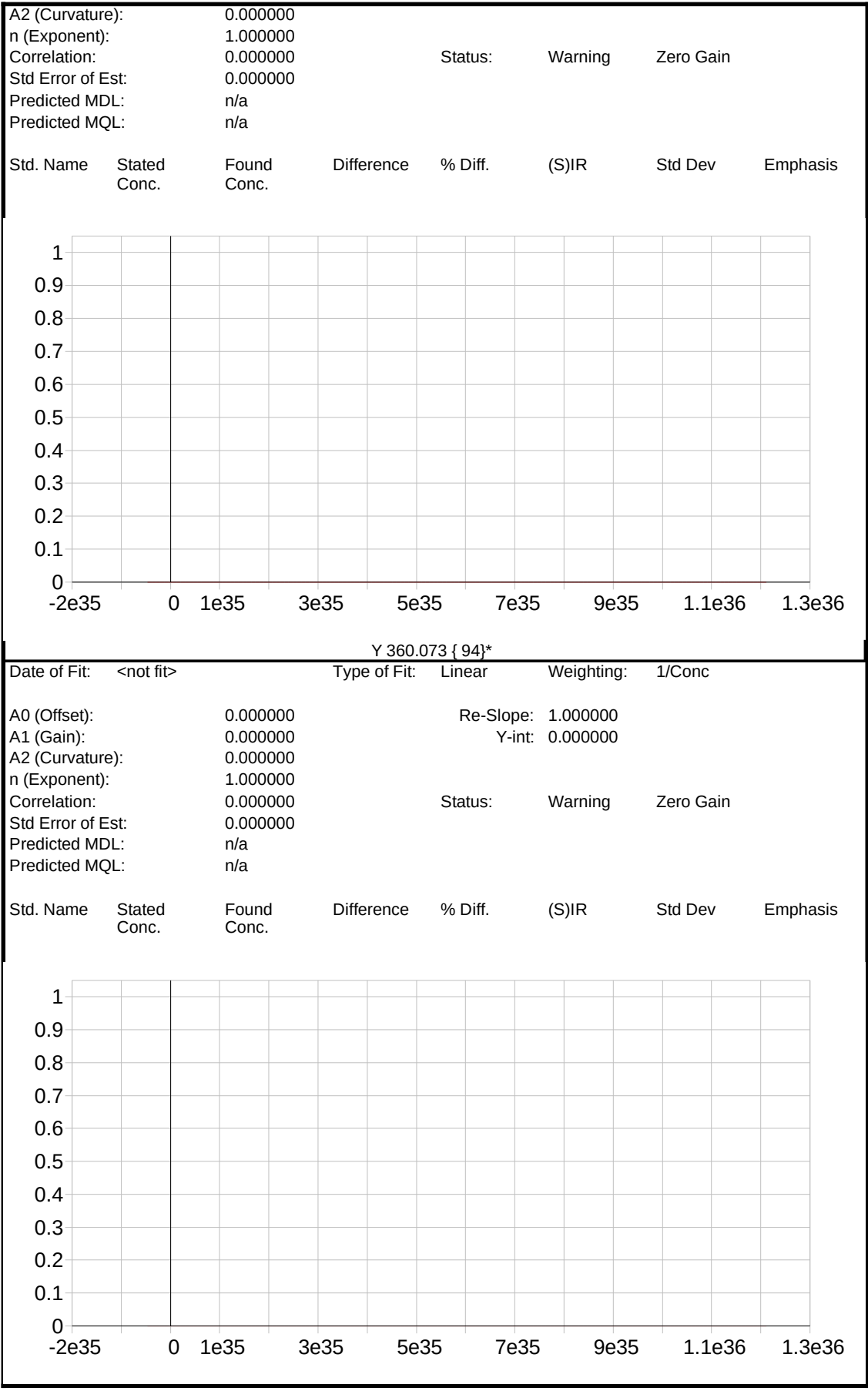
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00193	.000	1
S1	.02000	.02028	.000	1.42	-.00076	.000	1
S3	2.5000	2.4318	-.068	-2.73	.13876	.000	1
S4	5.0000	4.8923	-.108	-2.15	.28110	.001	1
S5	10.000	10.176	.176	1.76	.58679	.001	1

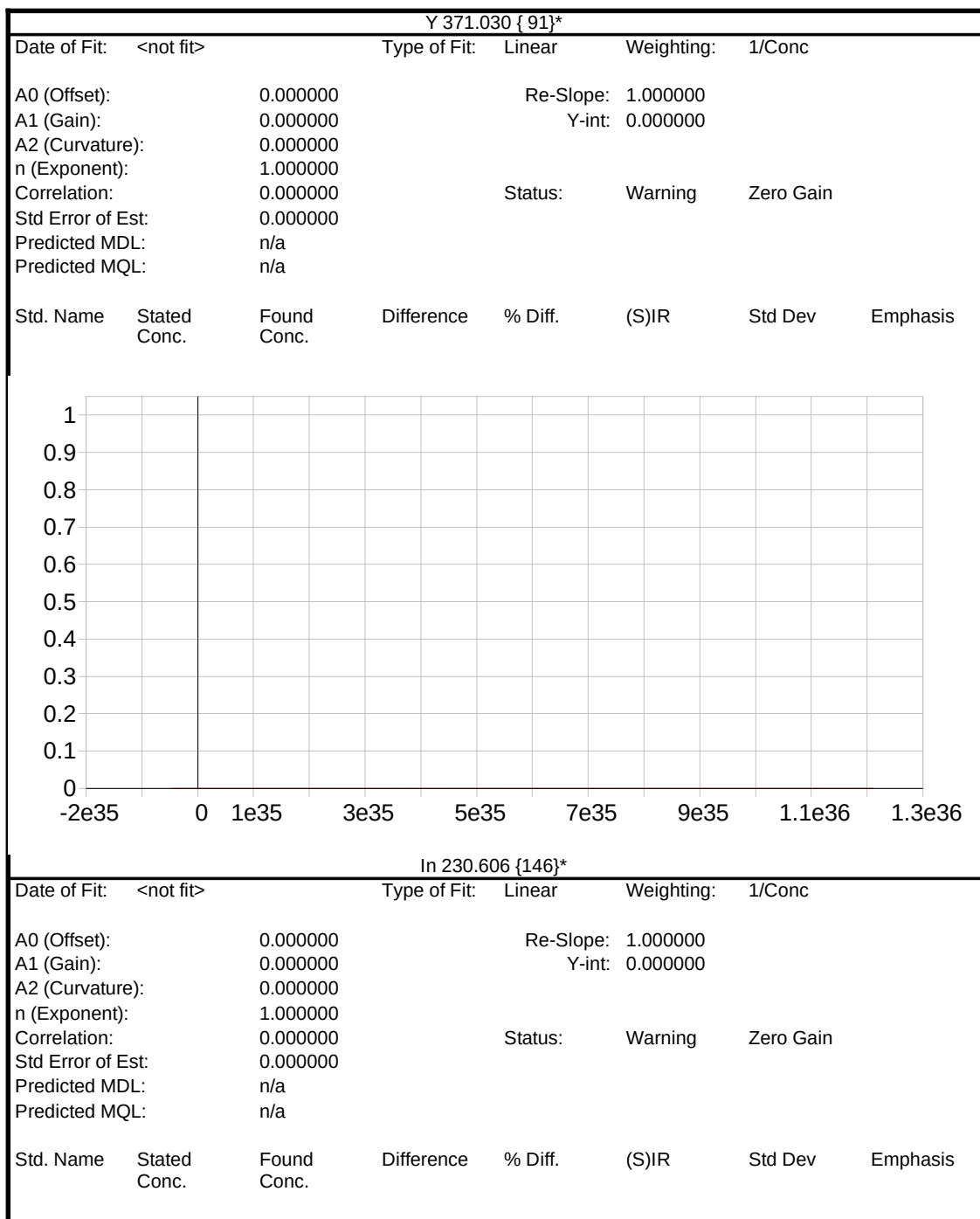


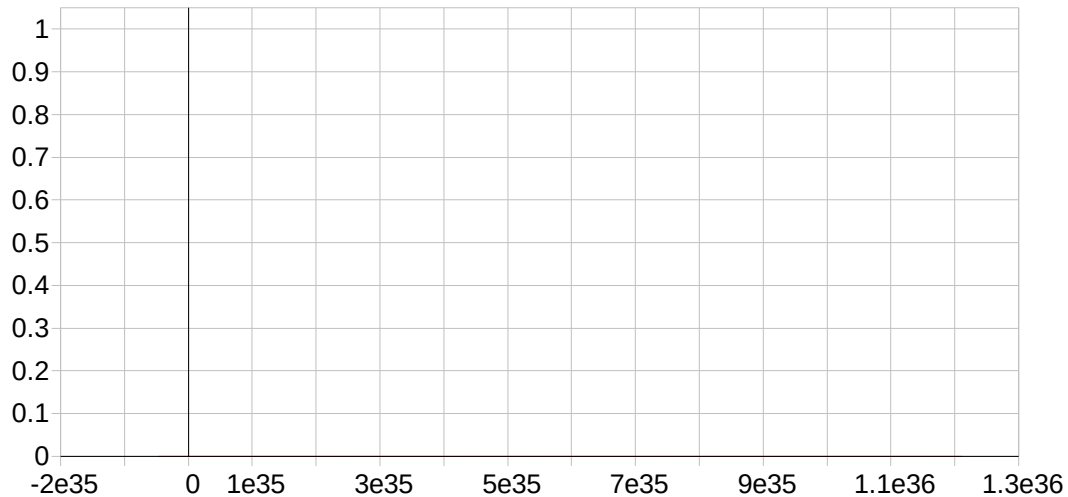
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

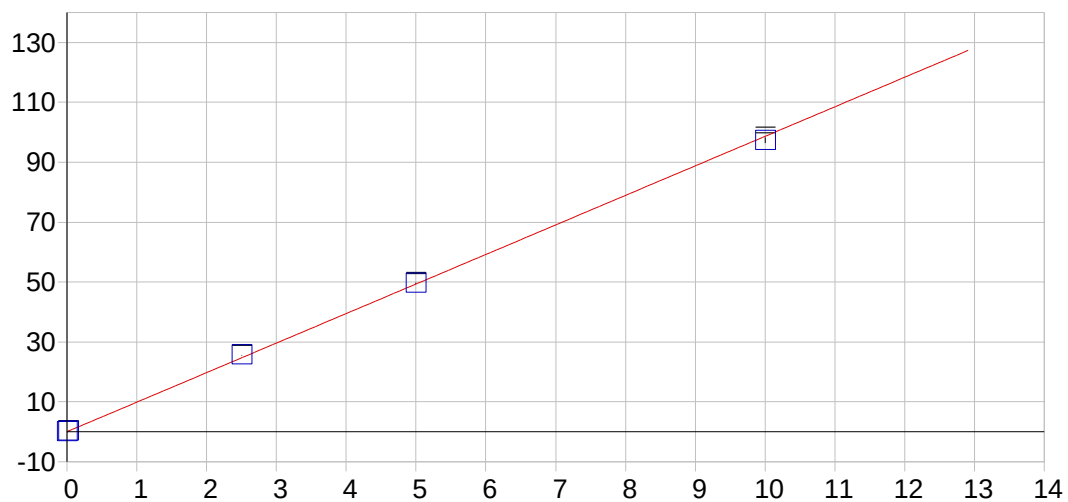
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 9/24/2018 11:50:26

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005711

Re-Slope: 1.000000

A1 (Gain): 9.862755

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999842

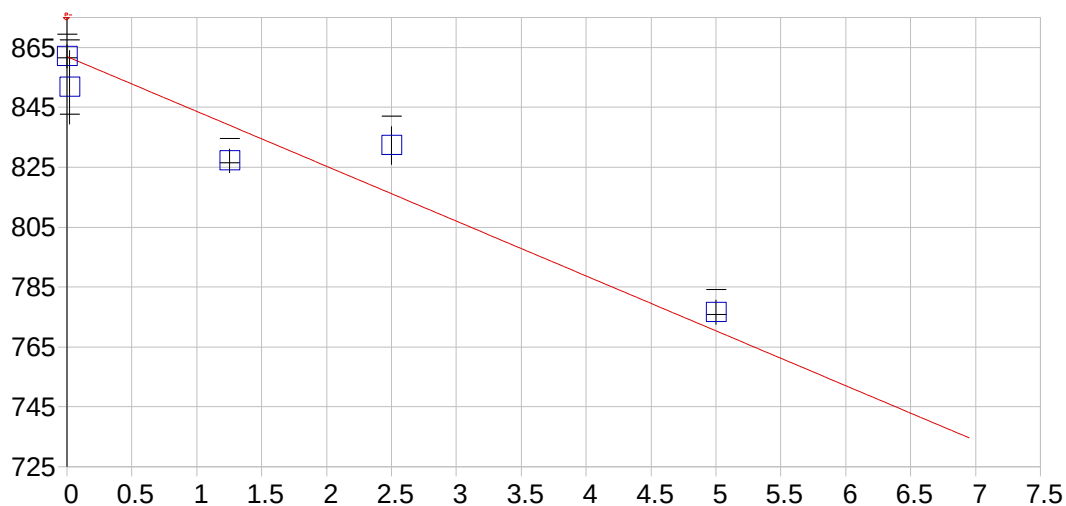
Status: OK.

Std Error of Est: 0.004231

Predicted MDL: 0.000141

Predicted MQL: 0.000469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00573	.001	1
S1	.02000	.02135	.001	6.77	.20491	.001	1
S3	2.5000	2.5940	.094	3.76	25.579	.166	1
S4	5.0000	5.0338	.034	.676	49.642	.209	1
S5	10.000	9.8708	-.129	-1.29	97.348	1.03	1

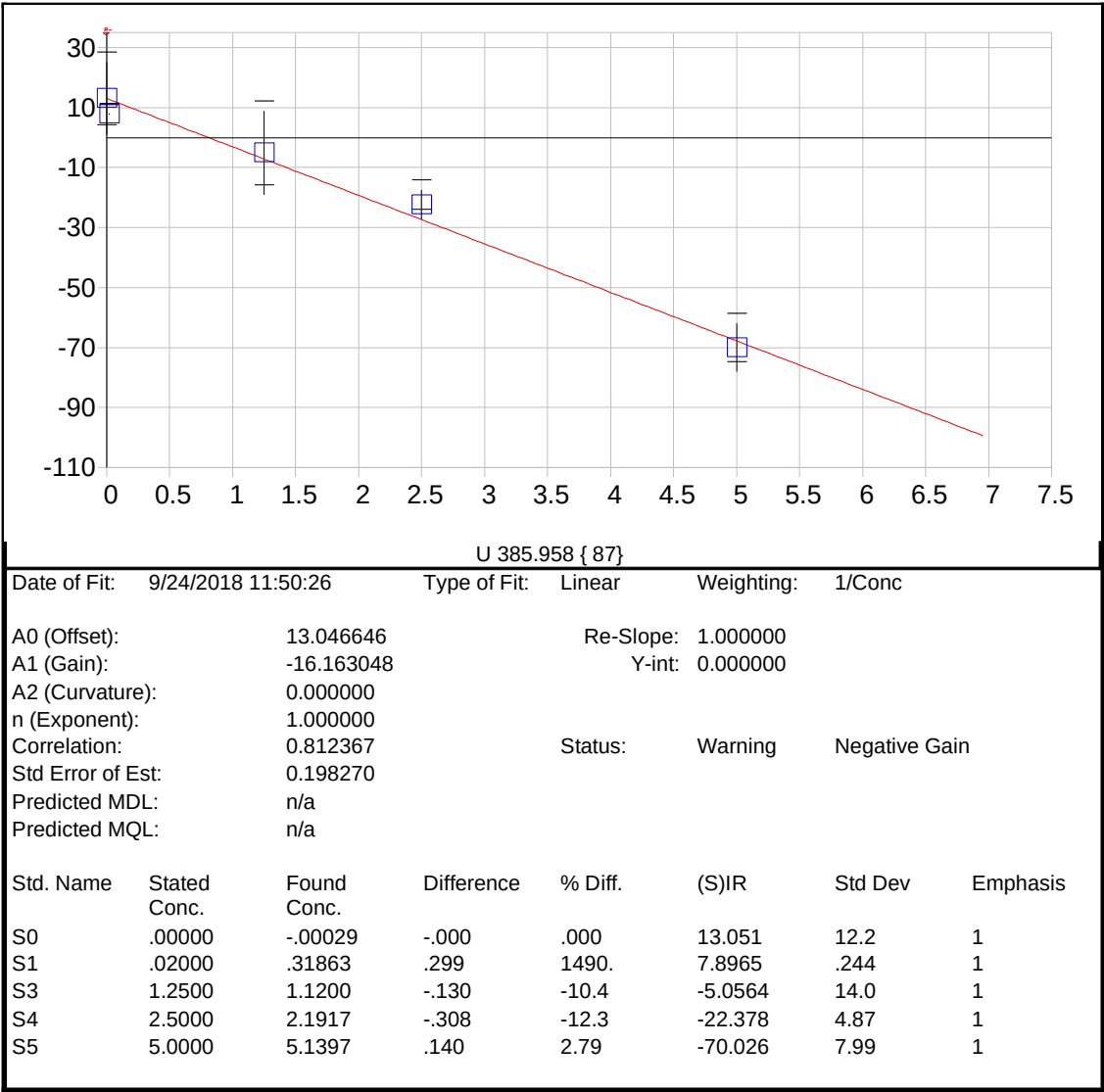


U 367.007 { 92 }

Date of Fit: 9/24/2018 11:50:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 862.062014 Re-Slope: 1.000000
 A1 (Gain): -18.316088 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.602661 Status: Warning Negative Gain
 Std Error of Est: 0.414448
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00054	-.001	.000	862.07	3.89	1
S1	.02000	.56202	.542	2710.	851.77	12.4	1
S3	1.2500	1.9085	.658	52.7	827.11	4.08	1
S4	2.5000	1.6294	-.871	-34.8	832.22	6.43	1
S5	5.0000	4.6701	-.330	-6.60	776.52	4.18	1



Sample Name: S0 Acquired: 9/24/2018 11:26:56 Type: Cal
Method: P4-ICP2(v2452) 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	-.00007	-.00032	.00326	.00019	.00058	-.00034	.03710	-.00010
Stddev	.00007	.00007	.00000	.00013	.00024	.00002	.00174	.00004
%RSD	97.516	21.436	.14617	69.461	40.832	4.6712	4.7008	41.564

#1	-.00002	-.00036	.00326	.00029	.00075	-.00036	.03586	-.00007
#2	-.00012	-.00027	.00326	.00010	.00041	-.00033	.03833	-.00013

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	-.00158	.00122	.00000	-.00055	.00182	.00543	.00032	-.00011
Stddev	.00037	.00012	.00002	.00013	.00036	.01260	.00003	.00011
%RSD	23.613	9.7533	385.18	23.331	19.612	232.13	9.6873	93.314

#1	-.00132	.00131	.00002	-.00064	.00157	.01434	.00034	-.00004
#2	-.00184	.00114	-.00001	-.00046	.00207	-.00348	.00029	-.00019

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	-.00365	.00034	.12997	-.00012	.22973	-.00433	.00051	.00027
Stddev	.00004	.00006	.00458	.00005	.01165	.00088	.00011	.00012
%RSD	1.0000	18.714	3.5255	45.315	5.0692	20.409	20.801	44.932

#1	-.00368	.00039	.12673	-.00015	.22149	-.00496	.00043	.00036
#2	-.00362	.00030	.13321	-.00008	.23796	-.00371	.00058	.00019

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00037	.01541	.00096	.00552	.02133	-.0019	-.00573	862.07
Stddev	.00000	.00026	.00001	.00032	.00076	.0001	.00142	3.89
%RSD	.67541	1.6623	.91114	5.7125	3.5831	6.624	24.858	.45068

#1	.00037	.01559	.00095	.00574	.02079	-.0018	-.00472	859.32
#2	.00037	.01523	.00097	.00530	.02187	-.0020	-.00674	864.82

Sample Name: S0 Acquired: 9/24/2018 11:26:56 Type: Cal
Method: P4-ICP2(v2452) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	13.051
Stddev	12.188
%RSD	93.385

#1	21.670
#2	4.4332

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.7	45135.	3598.5	89.855	3261.3
Stddev	11.1	76.	72.7	1.563	16.3
%RSD	.57045	.16937	2.0211	1.7396	.49859

#1	1940.9	45081.	3649.9	90.960	3249.8
#2	1956.6	45189.	3547.1	88.749	3272.8

Sample Name: S1 Acquired: 9/24/2018 11:30:59 Type: Cal
Method: P4-ICP2(v2452) 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	.00192	.00427	.00654	.00168	.01207	.00058	.70277	.00460
Stddev	.00013	.00006	.00029	.00003	.00030	.00005	.00032	.00004
%RSD	6.7686	1.4246	4.3602	1.6277	2.4883	8.1043	.04599	.89908

#1	.00183	.00432	.00674	.00170	.01228	.00061	.70300	.00457
#2	.00201	.00423	.00634	.00166	.01186	.00055	.70254	.00463

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	.01509	.00114	.03813	.02111	.19412	.02367	.01878	.00268
Stddev	.00008	.00003	.00024	.00001	.01444	.00003	.00031	.00001
%RSD	.50821	2.2838	.62053	.02568	7.4383	.14519	1.6258	.35682

#1	.01503	.00116	.03830	.02110	.18391	.02365	.01899	.00268
#2	.01514	.00112	.03796	.02111	.20433	.02370	.01856	.00267

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	.00671	3.6191	.25737	.00438	.00108	.18394	.00964	.02001
Stddev	.00007	.0707	.00034	.00007	.00001	.00179	.00017	.00018
%RSD	1.0041	1.9534	.13299	1.5399	1.2392	.97123	1.8144	.89922

#1	.00666	3.5691	.25713	.00443	.00107	.18268	.00976	.01988
#2	.00676	3.6691	.25761	.00434	.00108	.18520	.00952	.02013

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06639	-.0008	.20491	851.77	7.8965
Stddev	.00141	.0000	.00063	12.35	.2444
%RSD	2.1273	4.425	.30680	1.4502	3.0947

#1	.06539	-.0007	.20535	843.03	7.7237
#2	.06739	-.0008	.20446	860.50	8.0693

Sample Name: S1 Acquired: 9/24/2018 11:30:59 Type: Cal
Method: P4-ICP2(v2452) 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	1936.7	44596.	3621.8	90.906	3214.4
Stddev	13.8	161.	20.8	1.116	26.3
%RSD	.71040	.36083	.57541	1.2275	.81876
#1	1927.0	44710.	3636.6	91.695	3195.8
#2	1946.4	44483.	3607.1	90.117	3233.0

Sample Name: S2 Acquired: 9/24/2018 11:35:02 Type: Cal
Method: P4-ICP2(v2452) 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	.09030	.02247	.64405	.24930
Stddev	.00083	.00069	.00181	.00000
%RSD	.92026	3.0726	.28146	.00182

#1	.09089	.02295	.64277	.24930
#2	.08971	.02198	.64533	.24930

Int. Std.	Y_3710
Units	Cts/S
Avg	3634.7
Stddev	12.5
%RSD	.34354

#1	3625.9
#2	3643.6

Sample Name: S3 Acquired: 9/24/2018 11:38:59 Type: Cal
Method: P4-ICP2(v2452) 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	.22029	.23970	.59260	.17345	.51312	.03393	30.626	.09483
Stddev	.00020	.00072	.00044	.00008	.00034	.00016	.218	.00054
%RSD	.08980	.29876	.07478	.04344	.06678	.48257	.71241	.56553

#1	.22043	.23919	.59291	.17351	.51336	.03405	30.780	.09445
#2	.22015	.24021	.59229	.17340	.51288	.03382	30.471	.09521

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1357	.53418	.05089	1.4030	.55493	4.6441	1.2941	.13585
Stddev	.0002	.00163	.00014	.0038	.00086	.1190	.0051	.00024
%RSD	.00727	.30566	.27656	.26795	.15512	2.5632	.39678	.17569

#1	3.1359	.53534	.05079	1.4057	.55432	4.7283	1.2904	.13602
#2	3.1356	.53303	.05099	1.4004	.55554	4.5599	1.2977	.13568

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	.63298	.13889	3.2960	.18489	100.62	1.5565	3.0012	.09563
Stddev	.00114	.00035	.0206	.00086	2.25	.0006	.0004	.00071
%RSD	.17972	.25071	.62535	.46573	2.2316	.03875	.01419	.74228

#1	.63218	.13914	3.3106	.18428	102.21	1.5569	3.0009	.09613
#2	.63379	.13865	3.2814	.18550	99.034	1.5561	3.0015	.09512

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	.10899	.89517	.50654	.84549	1.0144	.1388	25.579	827.11
Stddev	.00044	.00873	.00013	.00077	.0056	.0002	.166	4.08
%RSD	.40756	.97475	.02584	.09051	.55727	.1473	.64981	.49353

#1	.10930	.90134	.50645	.84603	1.0184	.1386	25.696	829.99
#2	.10868	.88900	.50663	.84495	1.0104	.1389	25.461	824.22

Sample Name: S3 Acquired: 9/24/2018 11:38:59 Type: Cal
Method: P4-ICP2(v2452) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-5.0564
Stddev	13.991
%RSD	276.69

#1	4.8365
#2	-14.949

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.6	44046.	3638.0	88.429	3056.3
Stddev	6.2	55.	24.3	2.189	6.2
%RSD	.32159	.12517	.66760	2.4751	.20406

#1	1918.2	44085.	3620.9	86.881	3051.9
#2	1926.9	44007.	3655.2	89.977	3060.7

Sample Name: S4 Acquired: 9/24/2018 11:42:48 Type: Cal
Method: P4-ICP2(v2452) 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	.42513	.46623	1.1536	.33588	.99782	.06630	59.678	.18431
Stddev	.00066	.00109	.0000	.00020	.00156	.00036	.213	.00059
%RSD	.15425	.23465	.00331	.05973	.15615	.53719	.35614	.31895
#1	.42560	.46701	1.1537	.33574	.99892	.06655	59.528	.18390
#2	.42467	.46546	1.1536	.33602	.99671	.06605	59.828	.18473
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	6.2182	1.0384	.09812	2.7813	1.0621	8.8971	2.4917	.26832
Stddev	.0146	.0054	.00004	.0032	.0003	.0089	.0001	.00085
%RSD	.23420	.51885	.04539	.11656	.03117	.10037	.00482	.31631
#1	6.2285	1.0346	.09809	2.7836	1.0624	8.9034	2.4918	.26892
#2	6.2079	1.0422	.09815	2.7790	1.0619	8.8908	2.4916	.26772
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	1.2449	.26810	6.3712	.35927	188.92	3.0574	5.8025	.18841
Stddev	.0029	.00014	.0317	.00021	1.09	.0164	.0047	.00207
%RSD	.23113	.05349	.49748	.05819	.57474	.53521	.08168	1.1009
#1	1.2470	.26820	6.3488	.35912	189.68	3.0459	5.8059	.18988
#2	1.2429	.26800	6.3936	.35942	188.15	3.0690	5.7992	.18694
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	.21851	1.6687	.99686	1.6477	1.1431	.2811	49.642	832.22
Stddev	.00007	.0206	.00287	.0019	.0039	.0005	.209	6.43
%RSD	.03170	1.2344	.28775	.11583	.34052	.1868	.42047	.77242
#1	.21856	1.6541	.99889	1.6491	1.1459	.2815	49.494	827.67
#2	.21846	1.6833	.99483	1.6464	1.1403	.2807	49.789	836.76

Sample Name: S4 Acquired: 9/24/2018 11:42:48 Type: Cal
 Method: P4-ICP2(v2452) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-22.378
Stddev	4.874
%RSD	21.781

#1	-25.824
#2	-18.931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.9	43814.	3598.1	88.421	2939.2
Stddev	3.6	240.	7.7	.496	7.8
%RSD	.19006	.54835	.21381	.56086	.26448

#1	1901.4	43645.	3603.5	88.070	2933.7
#2	1906.5	43984.	3592.7	88.771	2944.7

Sample Name: S5 Acquired: 9/24/2018 11:46:34 Type: Cal
Method: P4-ICP2(v2452) 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	.84891	.93218	2.3178	.67033	1.9835	.13619	117.09	.36350
Stddev	.00255	.00317	.0015	.00068	.0045	.00059	.25	.00092
%RSD	.30000	.34060	.06487	.10097	.22768	.43570	.21751	.25269
#1	.85071	.92993	2.3167	.67081	1.9866	.13577	116.91	.36285
#2	.84711	.93442	2.3188	.66985	1.9803	.13660	117.27	.36415
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	12.587	2.0365	.19143	5.6304	2.0621	17.768	4.8727	.52598
Stddev	.011	.0042	.00101	.0037	.0024	.177	.0124	.00302
%RSD	.08496	.20620	.52550	.06551	.11589	.99718	.25521	.57482
#1	12.579	2.0395	.19072	5.6278	2.0604	17.893	4.8639	.52385
#2	12.595	2.0336	.19214	5.6330	2.0638	17.643	4.8815	.52812
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	2.5188	.52930	12.638	.70843	373.34	6.1803	11.401	.37587
Stddev	.0013	.00100	.031	.00002	3.54	.0029	.012	.00040
%RSD	.05222	.18887	.24328	.00227	.94831	.04616	.10921	.10744
#1	2.5178	.53001	12.660	.70844	375.85	6.1823	11.392	.37558
#2	2.5197	.52860	12.616	.70842	370.84	6.1783	11.410	.37616
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	.46147	3.2351	2.0156	3.1984	2.2849	.5868	97.348	776.52
Stddev	.00031	.0201	.0049	.0118	.0061	.0010	1.028	4.18
%RSD	.06707	.62099	.24403	.36862	.26825	.1638	1.0562	.53784
#1	.46125	3.2493	2.0121	3.2068	2.2806	.5875	98.075	779.48
#2	.46169	3.2209	2.0190	3.1901	2.2893	.5861	96.621	773.57

Sample Name: S5 Acquired: 9/24/2018 11:46:34 Type: Cal
Method: P4-ICP2(v2452) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-70.026
Stddev	7.993
%RSD	11.414

#1	-64.374
#2	-75.678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.4	42771.	3593.0	85.876	2772.2
Stddev	.9	45.	11.5	.873	2.2
%RSD	.04563	.10517	.31994	1.0168	.08021

#1	1870.8	42803.	3584.8	85.259	2770.6
#2	1872.0	42739.	3601.1	86.494	2773.8

Sample Name: ICV01 Acquired: 9/24/2018 12:03:45 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.0837	1.0707	1.0456	F 1.0822	1.0209	2.5919	.52170
Stddev	.0012	.0015	.0004	.0005	.0026	.0166	.00204
%RSD	.11446	.13818	.03334	.04333	.25699	.64198	.39190

#1	1.0846	1.0718	1.0454	1.0819	1.0190	2.6036	.52025
#2	1.0829	1.0697	1.0459	1.0826	1.0227	2.5801	.52314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49534	.51406	10.389	F .52217	.49631	.50811	5.1591
Stddev	.00188	.00068	.017	.00207	.00162	.00169	.0710
%RSD	.38047	.13212	.16692	.39595	.32576	.33240	1.3770

#1	.49667	.51358	10.377	.52363	.49516	.50692	5.2093
#2	.49401	.51454	10.402	.52071	.49745	.50931	5.1089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .52497	6.1013	.50720	F .47561	9.9800	.51443	1.0275
Stddev	.00091	.0430	.00044	.00006	.1125	.00018	.0023
%RSD	.17348	.70561	.08588	.01265	1.1275	.03476	.22260

#1	.52561	6.0709	.50689	.47557	9.9005	.51456	1.0291
#2	.52433	6.1318	.50751	.47565	10.060	.51431	1.0259

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.222	2.6115	2.5847	F .00578	2.4100	2.5006	2.6226
Stddev	.058	.0071	.0110	.00131	.0126	.0043	.0088
%RSD	.56807	.27065	.42437	22.697	.52272	.17132	.33382

#1	10.181	2.6165	2.5924	.00671	2.4011	2.4976	2.6164
#2	10.263	2.6065	2.5769	.00485	2.4190	2.5036	2.6288

Sample Name: ICV01 Acquired: 9/24/2018 12:03:45 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00989	F -.0002	F .40258	F 1.2650	F 1.9776
Stddev	.00635	.0008	.00279	.0666	.3952
%RSD	64.196	426.9	.69242	5.2666	19.983

#1	-.01438	-.0008	.40060	1.2179	2.2571
#2	-.00540	.0004	.40455	1.3122	1.6982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.9	44976.	3704.3	91.610	3179.3
Stddev	7.4	128.	29.8	.344	7.3
%RSD	.37557	.28553	.80566	.37553	.22850

#1	1958.7	44885.	3725.4	91.366	3174.2
#2	1969.1	45067.	3683.2	91.853	3184.4

Sample Name: LLICV01 Acquired: 9/24/2018 12:07:32 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02216	.04737	.01341	.02258	.05448	.11362	.11096	.00632
Stddev	.00332	.00048	.00075	.00077	.00023	.00938	.00016	.00009
%RSD	14.973	1.0136	5.6253	3.4117	.42456	8.2599	.14654	1.4507
#1	.02450	.04771	.01395	.02313	.05432	.10698	.11108	.00626
#2	.01981	.04703	.01288	.02204	.05464	.12025	.11085	.00639
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	2.1667	.01047	.03322	.02077	.10865	.02277	2.2289
Stddev	.00001	.0293	.00025	.00019	.00003	.00017	.00010	.0299
%RSD	.20781	1.3537	2.3793	.56376	.14331	.15677	.45117	1.3407
#1	.00637	2.1460	.01065	.03309	.02075	.10853	.02270	2.2077
#2	.00635	2.1874	.01030	.03336	.02079	.10877	.02285	2.2500
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04284	.01093	1.9151	.04628	.04398	2.0479	.21545	.10086
Stddev	.00009	.00014	.0184	.00073	.00243	.0292	.00061	.00794
%RSD	.20541	1.2414	.95866	1.5701	5.5335	1.4261	.28295	7.8740
#1	.04290	.01103	1.9021	.04577	.04226	2.0272	.21589	.10648
#2	.04277	.01084	1.9281	.04679	.04570	2.0685	.21502	.09525
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01541	.47088	.04208	.04407	F .17691	.0169	.02073	F .64961
Stddev	.00351	.00066	.00002	.00069	.00247	.0008	.00000	.23846
%RSD	22.805	.13950	.03913	1.5549	1.3983	4.721	.00018	36.709
#1	.01790	.47042	.04209	.04455	.17516	.0164	.02073	.81823
#2	.01293	.47135	.04207	.04358	.17865	.0175	.02073	.48099

Sample Name: LLICV01 Acquired: 9/24/2018 12:07:32 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .61312
Stddev	.37493
%RSD	61.151

#1	.87824
#2	.34801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.9	45257.	3708.2	92.780	3274.3
Stddev	20.6	1.	5.4	3.331	24.6
%RSD	1.0484	.00124	.14631	3.5907	.75191

#1	1950.4	45257.	3704.3	95.136	3256.9
#2	1979.5	45256.	3712.0	90.424	3291.7

Sample Name: ICB01 Acquired: 9/24/2018 12:11:35 Type: Unk
Method: P4-ICP2(v2452) 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	.00309	.00171	-.00036	-.00120	-.00114	.01605	.00001
Stddev	.00091	.00166	.00056	.00043	.00145	.00382	.00063
%RSD	29.578	97.252	152.73	35.752	127.07	23.819	7201.3

#1	.00244	.00053	-.00076	-.00090	-.00012	.01875	-.00044
#2	.00373	.00289	.00003	-.00150	-.00216	.01335	.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00012	-.00275	.00039	.00008	.00043	-.00043
Stddev	.00005	.00009	.01183	.00059	.00010	.00033	.00702
%RSD	108.85	76.184	429.85	151.54	123.50	75.652	1650.5

#1	.00001	.00018	.00561	-.00003	.00015	.00020	.00454
#2	.00009	.00005	-.01112	.00081	.00001	.00066	-.00539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.02697	.00033	.00029	-.28285	-.00022	.00006
Stddev	.00004	.00170	.00004	.00032	.01183	.00046	.00000
%RSD	74.801	6.3210	11.965	113.59	4.1837	209.76	5.8960

#1	.00003	.02817	.00035	.00052	-.29122	-.00055	.00007
#2	.00008	.02576	.00030	.00006	-.27448	.00011	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08277	.00023	-.00993	-.00343	-.00253	-.00090	-.00135
Stddev	.03006	.00001	.00034	.00511	.00022	.00071	.00151
%RSD	36.314	2.5117	3.4595	149.04	8.8402	78.720	112.09

#1	-.06152	.00024	-.00968	-.00704	-.00237	-.00141	-.00028
#2	-.10402	.00023	-.01017	.00018	-.00269	-.00040	-.00241

Sample Name: ICB01 Acquired: 9/24/2018 12:11:35 Type: Unk
 Method: P4-ICP2(v2452) 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 -.01689	.0003	-.00016	F .84758	F .85994
Stddev	.01451	.0019	.00013	1.0559	.53241
%RSD	85.932	587.7	80.102	124.57	61.912

#1	-.02715	-.0010	-.00007	1.5942	.48348
#2	-.00663	.0017	-.00025	.10097	1.2364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.8	45379.	3656.1	91.600	3350.8
Stddev	.3	121.	11.9	.290	2.8
%RSD	.01533	.26677	.32448	.31697	.08473

#1	1993.0	45294.	3647.7	91.395	3352.8
#2	1992.6	45465.	3664.4	91.805	3348.7

Sample Name: CRI01 Acquired: 9/24/2018 12:21:03 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02274	.04724	.01223	.02159	.05714	.10983	.10785	.00625
Stddev	.00032	.00008	.00033	.00358	.00029	.00340	.00026	.00014
%RSD	1.4015	.16764	2.6898	16.585	.50005	3.0911	.24104	2.2716
#1	.02296	.04730	.01200	.02412	.05734	.11223	.10804	.00615
#2	.02251	.04719	.01247	.01906	.05694	.10743	.10767	.00635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	2.1414	.01039	.03240	.02052	.10948	.02252	2.1342
Stddev	.00003	.0211	.00043	.00020	.00039	.01862	.00012	.0374
%RSD	.39753	.98432	4.1297	.61866	1.8861	17.007	.52602	1.7522
#1	.00629	2.1265	.01070	.03254	.02079	.12265	.02243	2.1606
#2	.00633	2.1563	.01009	.03225	.02024	.09632	.02260	2.1078
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04231	.01076	1.8484	.04519	.04787	2.0285	.21210	.10318
Stddev	.00054	.00019	.0041	.00106	.00003	.0015	.00115	.00183
%RSD	1.2668	1.8052	.22019	2.3475	.05894	.07211	.54096	1.7721
#1	.04193	.01062	1.8513	.04444	.04789	2.0295	.21129	.10447
#2	.04269	.01090	1.8456	.04594	.04785	2.0274	.21291	.10188
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01535	.50403	.04157	.04406	F .17333	.0191	.02044	F 1.9174
Stddev	.00201	.00563	.00086	.00097	.00464	.0010	.00012	.2562
%RSD	13.127	1.1178	2.0789	2.1998	2.6767	5.402	.58930	13.363
#1	.01677	.50005	.04096	.04337	.17005	.0198	.02035	2.0986
#2	.01392	.50802	.04218	.04474	.17661	.0183	.02052	1.7362

Sample Name: CRI01 Acquired: 9/24/2018 12:21:03 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2481
Stddev .3178
%RSD 25.461

#1 1.0234
#2 1.4729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.6	44992.	3677.9	91.938	3319.1
Stddev	8.3	50.	.8	.511	8.3
%RSD	.41970	.11172	.02062	.55527	.25056

#1	1978.7	45028.	3678.4	91.577	3313.2
#2	1990.5	44957.	3677.4	92.299	3325.0

Sample Name: ICSA01 Acquired: 9/24/2018 12:25:06 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00972	-.00261	-.01003	-.00657	.00129	280.38	.00544	-.00081
Stddev	.00136	.00274	.00288	.00094	.00117	.51	.00086	.00003
%RSD	13.988	105.03	28.710	14.332	91.139	.18029	15.836	3.6429
#1	.00876	-.00455	-.01207	-.00724	.00046	280.03	.00605	-.00083
#2	.01068	-.00067	-.00800	-.00591	.00212	280.74	.00483	-.00079
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00344	249.73	.05448	-.00052	.01925	102.60	.01113	268.49
Stddev	.00049	.87	.00004	.00059	.00089	3.59	.00013	1.64
%RSD	14.121	.34778	.07157	113.65	4.6089	3.4953	1.1801	.61266
#1	.00310	250.34	.05445	-.00010	.01862	105.14	.01122	269.65
#2	.00379	249.12	.05451	-.00094	.01987	100.06	.01103	267.32
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00369	.00334	-.22518	.00110	.00109	-.05494	-.00100	-.00131
Stddev	.00021	.00026	.00342	.00063	.00043	.00194	.00042	.01524
%RSD	5.7630	7.6969	1.5208	57.881	39.522	3.5396	41.857	1161.0
#1	-.00354	.00352	-.22276	.00065	.00139	-.05357	-.00070	.00947
#2	-.00384	.00316	-.22760	.00155	.00078	-.05632	-.00129	-.01209
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	-.00711	.01067	-.00408	F .03881	.0145	F .10161	F 2.7742
Stddev	.00046	.00021	.00076	.00030	.00227	.0002	.00056	.1720
%RSD	6.8729	2.8854	7.0902	7.2722	5.8421	1.080	.55379	6.2012
#1	.00633	-.00726	.01014	-.00429	.04042	.0147	.10200	2.8959
#2	.00697	-.00697	.01121	-.00387	.03721	.0144	.10121	2.6526

Sample Name: ICSA01 Acquired: 9/24/2018 12:25:06 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 17.401
Stddev	.072
%RSD	.41334

#1	17.452
#2	17.350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.2	41202.	3606.9	83.815	2644.0
Stddev	.4	27.	16.3	3.242	6.0
%RSD	.02140	.06515	.45132	3.8684	.22856

#1	1835.5	41183.	3595.4	81.522	2639.7
#2	1835.0	41221.	3618.5	86.108	2648.2

Sample Name: ICSAB01 Acquired: 9/24/2018 12:29:13 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12467	.11546	.05242	.05014	.62754	279.43	.54488	.54862
Stddev	.00188	.00051	.00131	.00710	.00412	.66	.00329	.00193
%RSD	1.5119	.44376	2.4954	14.154	.65613	.23499	.60362	.35137

#1	.12334	.11510	.05335	.04512	.63045	279.90	.54720	.54726
#2	.12600	.11583	.05150	.05516	.62463	278.97	.54255	.54998

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0832	245.57	.56751	.51256	.49355	101.58	.53323	262.67
Stddev	.0006	.52	.00148	.00114	.00061	2.88	.00105	.71
%RSD	.05254	.20976	.26050	.22319	.12294	2.8365	.19738	.26867

#1	1.0836	245.94	.56647	.51175	.49312	103.62	.53248	263.17
#2	1.0828	245.21	.56856	.51337	.49398	99.544	.53397	262.17

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0249	.20308	-.18425	.51643	1.0465	-.02259	.00831	.00836
Stddev	.0013	.00272	.00271	.00240	.0272	.03388	.00022	.01359
%RSD	.12661	1.3379	1.4710	.46419	2.5976	149.97	2.6178	162.62

#1	1.0258	.20500	-.18234	.51474	1.0657	-.04654	.00816	.01797
#2	1.0239	.20116	-.18617	.51813	1.0273	.00137	.00847	-.00125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01955	.00584	.01857	.00586	F .04453	F .0219	.10801	F 3.6684
Stddev	.00343	.00307	.00040	.00004	.00343	.0009	.00043	.7449
%RSD	17.540	52.642	2.1469	.64652	7.7021	4.236	.39918	20.306

#1	.02198	.00802	.01828	.00589	.04211	.0226	.10831	3.1417
#2	.01713	.00367	.01885	.00583	.04696	.0213	.10770	4.1952

Sample Name: ICSAB01 Acquired: 9/24/2018 12:29:13 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 17.104
Stddev .104
%RSD .60542

#1 17.031
#2 17.178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.0	41005.	3629.1	83.703	2629.9
Stddev	7.0	19.	8.1	2.352	6.7
%RSD	.38264	.04731	.22258	2.8103	.25485

#1	1823.0	40991.	3623.4	82.039	2625.2
#2	1832.9	41018.	3634.8	85.366	2634.7

Sample Name: CCV01 Acquired: 9/24/2018 12:33:12 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2027	5.1541	5.1216	5.2232	5.2219	F 10.674	F 10.582	.26040
Stddev	.0027	.0200	.0133	.0074	.0034	.124	.142	.00038
%RSD	.05217	.38861	.25902	.14248	.06500	1.1654	1.3425	.14552
#1	5.2047	5.1400	5.1122	5.2180	5.2195	10.586	10.683	.26013
#2	5.2008	5.1683	5.1310	5.2285	5.2243	10.762	10.482	.26066
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5611	F 26.308	1.0363	2.5395	1.2900	5.1629	2.6113	25.898
Stddev	.0024	.070	.0010	.0053	.0011	.0491	.0061	.225
%RSD	.09535	.26765	.09165	.20656	.08454	.95202	.23478	.86729
#1	2.5594	26.358	1.0357	2.5358	1.2892	5.1281	2.6069	26.057
#2	2.5628	26.259	1.0370	2.5433	1.2908	5.1977	2.6156	25.739
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5706	1.2877	25.947	2.5955	2.5659	F 26.293	F 5.2800	F 5.2839
Stddev	.0016	.0036	.304	.0010	.0159	.289	.0065	.0237
%RSD	.06263	.28035	1.1706	.03723	.61874	1.1000	.12224	.44860
#1	2.5694	1.2903	26.161	2.5962	2.5547	26.498	5.2754	5.3006
#2	2.5717	1.2852	25.732	2.5948	2.5772	26.089	5.2845	5.2671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1451	4.9921	5.1644	5.2432	F 4.7145	5.187	5.2303	F 3.8288
Stddev	.0170	.0721	.0039	.0266	.0015	.016	.0631	.0820
%RSD	.32953	1.4442	.07475	.50798	.03235	.3067	1.2062	2.1417
#1	5.1331	5.0431	5.1616	5.2620	4.7134	5.175	5.2749	3.7708
#2	5.1571	4.9411	5.1671	5.2244	4.7156	5.198	5.1857	3.8868

Sample Name: CCV01 Acquired: 9/24/2018 12:33:12 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9115
Stddev	.4025
%RSD	13.824

#1	3.1961
#2	2.6269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.7	43908.	3668.4	90.188	2979.5
Stddev	1.8	58.	50.0	.421	.4
%RSD	.09520	.13230	1.3618	.46648	.01184

#1	1931.4	43949.	3633.0	90.486	2979.3
#2	1934.0	43867.	3703.7	89.891	2979.8

Sample Name: CCB01 Acquired: 9/24/2018 12:36:58 Type: Unk
Method: P4-ICP2(v2452) 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	-.00013	.00261	-.00092	.00034	-.00060	.00979	.00001
Stddev	.00071	.00014	.00040	.00025	.00067	.00570	.00007
%RSD	543.91	5.5160	43.773	73.369	110.61	58.231	1119.4

#1	.00037	.00250	-.00063	.00051	-.00107	.01382	-.00004
#2	-.00063	.00271	-.00120	.00016	-.00013	.00576	.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00011	-.00294	.00032	.00004	-.00045	.00742
Stddev	.00014	.00013	.01286	.00019	.00002	.00024	.00853
%RSD	2137.5	109.28	437.33	61.151	43.766	53.813	114.94

#1	-.00009	.00003	-.01203	.00018	.00005	-.00063	.01345
#2	.00011	.00020	.00615	.00045	.00003	-.00028	.00139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01369	-.00059	.00028	-.32643	-.00013	-.00029
Stddev	.00006	.02991	.00001	.00004	.00464	.00026	.00004
%RSD	237.50	218.56	2.4690	12.297	1.4227	202.98	14.454

#1	.00007	-.00746	-.00060	.00026	-.32315	-.00032	-.00026
#2	-.00002	.03484	-.00058	.00031	-.32972	.00006	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08477	.00002	-.00764	-.00653	-.00293	-.00051	-.00095
Stddev	.03056	.00014	.01032	.00497	.00073	.00057	.00169
%RSD	36.050	736.09	135.03	76.099	24.869	112.88	178.55

#1	-.06316	.00012	-.00035	-.00302	-.00344	-.00010	.00025
#2	-.10638	-.00008	-.01494	-.01005	-.00241	-.00091	-.00215

Sample Name: CCB01 Acquired: 9/24/2018 12:36:58 Type: Unk
Method: P4-ICP2(v2452) 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 -.01932	.0005	-.00007	F<.00000	F .59765
Stddev	.00327	.0011	.00006	.08471	.46201
%RSD	16.945	223.1	81.684	19.576	77.304

#1	-.02164	.0012	-.00012	-.37280	.92434
#2	-.01701	-.0003	-.00003	-.49259	.27096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.0	46224.	3695.0	92.181	3373.4
Stddev	3.0	161.	16.0	1.121	1.1
%RSD	.15163	.34920	.43424	1.2163	.03179

#1	2004.9	46110.	3706.3	92.974	3374.2
#2	2009.2	46338.	3683.6	91.389	3372.7

Sample Name: PB113065BL Acquired: 9/24/2018 12:40:15 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.00214	-.00159	-.00264	-.00105	.00669	.00071
Stddev	.00186	.00075	.00170	.00157	.00063	.00371	.00017
%RSD	495.91	34.787	106.94	59.633	59.701	55.466	23.665

#1	-.00169	.00267	-.00039	-.00375	-.00061	.00407	.00083
#2	.00094	.00162	-.00278	-.00153	-.00149	.00932	.00059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00011	-.02009	-.00022	.00026	.00026	.01003
Stddev	.00010	.00006	.01166	.00013	.00009	.00031	.00383
%RSD	95.874	58.151	58.013	58.819	34.575	119.95	38.146

#1	-.00017	.00015	-.02833	-.00013	.00033	.00004	.00733
#2	-.00003	.00006	-.01185	-.00031	.00020	.00048	.01274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00462	-.00030	.00011	-.33183	.00002	-.00029
Stddev	.00000	.04366	.00020	.00036	.01106	.00006	.00023
%RSD	5.6268	945.36	67.872	324.23	3.3334	314.91	78.971

#1	-.00008	.03549	-.00016	.00036	-.33966	-.00002	-.00013
#2	-.00009	-.02626	-.00044	-.00014	-.32401	.00006	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07221	-.00031	-.01425	-.00188	-.00631	-.00106	.00039
Stddev	.02227	.00002	.00320	.00088	.00162	.00001	.00198
%RSD	30.836	7.6394	22.423	46.673	25.626	.76254	506.15

#1	-.05646	-.00032	-.01199	-.00126	-.00745	-.00106	-.00101
#2	-.08795	-.00029	-.01651	-.00250	-.00516	-.00105	.00179

Sample Name: PB113065BL Acquired: 9/24/2018 12:40:15 Type: Unk
 Method: P4-ICP2(v2452) 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 -.01189	-.0010	.00000	F .52035	F .95839
Stddev	.00675	.0043	.00008	1.3977	.01762
%RSD	56.764	425.4	1993.4	268.60	1.8390

#1	-.01667	.0020	.00006	1.5086	.94592
#2	-.00712	-.0041	-.00006	-.46794	.97085

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.6	46026.	3653.9	91.534	3329.9
Stddev	1.2	871.	22.3	2.307	6.4
%RSD	.06171	1.8925	.60995	2.5200	.19219

#1	1978.8	45410.	3638.1	89.903	3325.4
#2	1980.5	46642.	3669.6	93.165	3334.5

Sample Name: PB113065BS Acquired: 9/24/2018 12:44:21 Type: Unk
Method: P4-ICP2(v2452) 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	.77191	1.9665	.94282	1.9456	.75423	1.7223	.19108
Stddev	.01174	.0125	.00921	.0266	.00614	.0092	.00112
%RSD	1.5215	.63467	.97682	1.3662	.81348	.53266	.58358

#1	.76360	1.9577	.93631	1.9268	.74989	1.7288	.19029
#2	.78021	1.9753	.94933	1.9644	.75857	1.7158	.19187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18015	.18748	.95928	.37387	.18030	.28130	2.7555
Stddev	.00102	.00197	.02948	.00395	.00180	.00261	.0350
%RSD	.56847	1.0504	3.0734	1.0558	.99694	.92886	1.2696

#1	.17943	.18609	.93843	.37108	.17903	.27945	2.7307
#2	.18088	.18887	.98013	.37666	.18157	.28315	2.7802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19389	1.8040	.45905	.06737	2.4798	.28651	.19640
Stddev	.00136	.0158	.00441	.00025	.0167	.00073	.00366
%RSD	.70146	.87736	.96067	.37686	.67139	.25533	1.8640

#1	.19293	1.8152	.45593	.06719	2.4680	.28600	.19381
#2	.19486	1.7928	.46217	.06755	2.4916	.28703	.19899

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2544	.39565	.26432	F -.00392	.83941	.63113	.18428
Stddev	.0873	.00323	.00706	.00295	.00628	.00628	.00168
%RSD	.94374	.81623	2.6704	75.125	.74806	.99472	.91042

#1	9.1926	.39337	.25933	-.00601	.83497	.62669	.18309
#2	9.3161	.39793	.26931	-.00184	.84385	.63557	.18547

Sample Name: PB113065BS Acquired: 9/24/2018 12:44:21 Type: Unk
Method: P4-ICP2(v2452) 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 1.6030	5.012	.18149	F 1.7442	F<.00000
Stddev	.0345	.056	.00158	.2494	.30416
%RSD	2.1492	1.123	.87120	14.298	91.247

#1	1.5786	4.972	.18037	1.5679	-.54841
#2	1.6273	5.052	.18261	1.9206	-.11826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.4	45209.	3676.6	92.042	3249.0
Stddev	8.9	14.	39.8	.648	8.9
%RSD	.45393	.03085	1.0812	.70422	.27453

#1	1961.0	45199.	3704.8	92.501	3242.7
#2	1973.7	45219.	3648.5	91.584	3255.3

Sample Name: J4778-01 Acquired: 9/24/2018 12:48:15 Type: Unk
Method: P4-ICP2(v2452) 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	.16490	-.01586	.15385	-.07222	-.00261	89.306	.32271
Stddev	.00248	.00322	.00327	.00430	.00411	.235	.00167
%RSD	1.5016	20.332	2.1236	5.9475	157.71	.26262	.51600

#1	.16665	-.01814	.15616	-.06918	-.00551	89.472	.32153
#2	.16315	-.01358	.15154	-.07526	.00030	89.140	.32389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	.00980	20.454	.34600	.04011	.37241	373.91
Stddev	.00006	.00051	.114	.00296	.00014	.00066	3.90
%RSD	1.2877	5.1863	.55648	.85670	.36024	.17705	1.0431

#1	.00493	.01016	20.373	.34390	.04001	.37194	371.15
#2	.00502	.00944	20.534	.34809	.04021	.37288	376.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0112	13.068	.09028	.01690	2.5254	.56745	.44003
Stddev	.0008	.044	.00010	.00007	.0030	.00639	.00523
%RSD	.07685	.33468	.11138	.40452	.11907	1.1268	1.1892

#1	1.0117	13.098	.09035	.01695	2.5275	.56293	.43633
#2	1.0106	13.037	.09021	.01685	2.5233	.57197	.44373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4409	.00258	.11656	2.3733	4.5144	.02144	.98508
Stddev	.0552	.00003	.00526	.0061	.0634	.00092	.00257
%RSD	.65376	1.0204	4.5128	.25830	1.4034	4.3125	.26080

#1	8.4019	.00260	.11284	2.3776	4.4696	.02209	.98326
#2	8.4799	.00256	.12028	2.3690	4.5592	.02079	.98690

Sample Name: J4778-01 Acquired: 9/24/2018 12:48:15 Type: Unk
 Method: P4-ICP2(v2452) 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	.88905	4.821	.11231	F<.00000	12.624
Stddev	.00474	.021	.00054	.88426	.034
%RSD	.53331	.4390	.47743	3.0035	.26774
#1	.89241	4.836	.11268	-28.815	12.600
#2	.88570	4.806	.11193	-30.066	12.648
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.5	48719.	4192.5	90.526	2962.6
Stddev	4.0	13.	39.9	1.037	6.6
%RSD	.18581	.02700	.95092	1.1460	.22119
#1	2146.3	48710.	4220.6	91.259	2957.9
#2	2140.7	48729.	4164.3	89.792	2967.2

Sample Name: J4778-01DUP Acquired: 9/24/2018 12:52:12 Type: Unk
Method: P4-ICP2(v2452) 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	.16662	-.01422	.15661	-.06987	-.00205	89.289	.33114
Stddev	.00301	.00130	.00764	.00435	.00058	.330	.00916
%RSD	1.8052	9.1297	4.8765	6.2220	28.075	.36993	2.7661

#1	.16875	-.01331	.15121	-.06680	-.00246	89.523	.33762
#2	.16449	-.01514	.16201	-.07295	-.00164	89.055	.32466

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00508	.01044	20.922	.34932	.04041	.37874	369.75
Stddev	.00024	.00165	.608	.00040	.00014	.00499	11.35
%RSD	4.7744	15.762	2.9079	.11395	.33596	1.3163	3.0705

#1	.00525	.00927	21.352	.34904	.04032	.37522	377.78
#2	.00490	.01160	20.492	.34960	.04051	.38227	361.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0192	13.509	.09029	.01598	2.5898	.56816	.43260
Stddev	.0015	.229	.00001	.00169	.0640	.00008	.01338
%RSD	.14944	1.6930	.00676	10.591	2.4712	.01392	3.0928

#1	1.0182	13.670	.09028	.01717	2.6351	.56811	.44206
#2	1.0203	13.347	.09029	.01478	2.5446	.56822	.42314

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5908	.00256	.09691	2.3733	4.5378	.02123	1.0109
Stddev	.2308	.00015	.00589	.0227	.1269	.00157	.0259
%RSD	2.6861	6.0430	6.0775	.95679	2.7975	7.3994	2.5624

#1	8.7540	.00266	.10108	2.3894	4.6275	.02012	1.0292
#2	8.4276	.00245	.09275	2.3572	4.4480	.02234	.99259

Sample Name: J4778-01DUP Acquired: 9/24/2018 12:52:12 Type: Unk
 Method: P4-ICP2(v2452) 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	.91179	4.850	.11526	F<.00000	14.345
Stddev	.01686	.012	.00272	.16990	1.014
%RSD	1.8494	.2449	2.3595	.58663	7.0701

#1	.92371	4.841	.11718	-28.841	13.628
#2	.89987	4.858	.11334	-29.081	15.063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.7	48484.	4081.2	91.466	2937.4
Stddev	9.6	61.	85.9	2.391	10.4
%RSD	.45216	.12482	2.1058	2.6143	.35520

#1	2130.5	48527.	4020.4	89.776	2944.7
#2	2117.0	48441.	4142.0	93.157	2930.0

Sample Name: J4778-01LX5 Acquired: 9/24/2018 12:56:06 Type: Unk
Method: P4-ICP2(v2452) 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	.03574	-.00083	.03104	-.01554	-.00095	24.261	.07192
Stddev	.00197	.00001	.00040	.00055	.00159	.002	.00012
%RSD	5.5155	1.5192	1.2951	3.5254	167.71	.00737	.16516

#1	.03714	-.00082	.03075	-.01592	.00018	24.262	.07183
#2	.03435	-.00084	.03132	-.01515	-.00208	24.260	.07200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00098	4.5718	.07606	.00819	.08861	78.254
Stddev	.00011	.00011	.0150	.00081	.00013	.00015	1.382
%RSD	17.817	10.924	.32839	1.0587	1.6416	.16702	1.7660

#1	.00054	.00090	4.5825	.07663	.00809	.08850	79.231
#2	.00070	.00105	4.5612	.07550	.00828	.08871	77.276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22828	2.9712	.01592	.00306	.28221	.12489	.09443
Stddev	.00110	.0081	.00002	.00023	.00745	.00064	.00176
%RSD	.48392	.27413	.12936	7.5744	2.6382	.51304	1.8639

#1	.22750	2.9654	.01590	.00322	.27694	.12444	.09568
#2	.22906	2.9769	.01593	.00289	.28747	.12535	.09319

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7818	.00027	.00807	.45916	1.0910	.00423	.22163
Stddev	.0178	.00042	.00276	.00083	.0060	.00055	.00123
%RSD	1.0008	155.38	34.269	.18074	.54504	13.031	.55599

#1	1.7692	-.00003	.01002	.45858	1.0952	.00384	.22250
#2	1.7944	.00056	.00611	.45975	1.0868	.00462	.22076

Sample Name: J4778-01LX5 Acquired: 9/24/2018 12:56:06 Type: Unk
Method: P4-ICP2(v2452) 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	.18356	.9526	.02469	F<.00000	13.978
Stddev	.00164	.0040	.00001	.00983	.198
%RSD	.89525	.4199	.04687	.17142	1.4167

#1	.18240	.9498	.02468	-5.7262	13.838
#2	.18472	.9554	.02470	-5.7401	14.118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.9	46434.	3805.7	90.339	3230.1
Stddev	2.4	4.	13.1	1.905	1.9
%RSD	.11659	.00958	.34382	2.1089	.05839

#1	2043.2	46431.	3796.4	88.992	3228.8
#2	2046.6	46438.	3814.9	91.686	3231.5

Sample Name: J4778-01MS Acquired: 9/24/2018 13:00:05 Type: Unk
Method: P4-ICP2(v2452) 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	.95172	2.1557	1.2215	1.9018	.77013	89.471	.51649
Stddev	.00142	.0076	.0020	.0071	.00661	.279	.00135
%RSD	.14923	.35075	.16486	.37493	.85830	.31148	.26093

#1	.95273	2.1610	1.2201	1.9068	.76545	89.668	.51553
#2	.95072	2.1503	1.2229	1.8968	.77480	89.273	.51744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19910	.22805	21.224	.71374	.24791	.65001	360.86
Stddev	.00007	.00060	.040	.00002	.00076	.00330	8.93
%RSD	.03617	.26447	.19009	.00276	.30566	.50737	2.4760

#1	.19905	.22762	21.196	.71376	.24845	.64768	367.18
#2	.19915	.22847	21.253	.71373	.24738	.65234	354.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1820	14.920	.60911	.08720	5.4472	.85122	.61754
Stddev	.0014	.174	.00060	.00126	.0027	.00499	.01423
%RSD	.11985	1.1660	.09775	1.4458	.04951	.58656	2.3044

#1	1.1810	14.797	.60869	.08809	5.4491	.84768	.62760
#2	1.1830	15.043	.60953	.08631	5.4453	.85475	.60748

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.221	.39813	.37880	2.3436	5.4460	.75618	1.1746
Stddev	.092	.00025	.00396	.0011	.0364	.00320	.0006
%RSD	.50739	.06255	1.0449	.04629	.66912	.42359	.05251

#1	18.287	.39831	.38160	2.3443	5.4202	.75392	1.1751
#2	18.156	.39796	.37600	2.3428	5.4718	.75845	1.1742

Sample Name: J4778-01MS Acquired: 9/24/2018 13:00:05 Type: Unk
Method: P4-ICP2(v2452) 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	2.6249	10.77	.29814	F<.00000	9.7443
Stddev	.0041	.05	.00026	.66641	.9850
%RSD	.15530	.4391	.08845	2.5237	10.108

#1	2.6278	10.80	.29833	-26.878	10.441
#2	2.6220	10.74	.29795	-25.935	9.0478

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.5	48157.	4121.1	92.463	2914.3
Stddev	4.3	5.	3.7	2.273	3.1
%RSD	.20453	.00958	.08994	2.4585	.10558

#1	2119.5	48154.	4123.7	90.855	2916.5
#2	2113.4	48160.	4118.5	94.070	2912.1

Sample Name: J4778-01MSD Acquired: 9/24/2018 13:03:51 Type: Unk
Method: P4-ICP2(v2452) 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	.95046	2.1435	1.2197	1.9075	.76536	89.597	.51346
Stddev	.00046	.0062	.0015	.0198	.00306	1.413	.00207
%RSD	.04860	.28975	.11987	1.0360	.40035	1.5771	.40322

#1	.95078	2.1478	1.2207	1.9215	.76753	90.596	.51493
#2	.95013	2.1391	1.2186	1.8935	.76320	88.598	.51200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20167	.22647	21.287	.72052	.24590	.64931	358.57
Stddev	.00361	.00050	.000	.01251	.00036	.00353	2.08
%RSD	1.7921	.21858	.00231	1.7356	.14504	.54435	.58118

#1	.20422	.22682	21.287	.72936	.24615	.65181	357.10
#2	.19911	.22612	21.288	.71168	.24565	.64681	360.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1963	14.835	.60442	.08602	5.4235	.85552	.61064
Stddev	.0241	.006	.00106	.00055	.0034	.01260	.00290
%RSD	2.0154	.04174	.17617	.64030	.06247	1.4734	.47484

#1	1.2133	14.831	.60367	.08641	5.4259	.86444	.60859
#2	1.1792	14.840	.60517	.08563	5.4211	.84661	.61269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.123	.39593	.37479	2.3205	5.4208	.75287	1.1734
Stddev	.024	.00050	.00803	.0026	.0355	.00507	.0132
%RSD	.13376	.12650	2.1430	.11343	.65492	.67403	1.1269

#1	18.140	.39558	.38047	2.3224	5.3957	.75646	1.1641
#2	18.105	.39628	.36911	2.3187	5.4459	.74928	1.1828

Sample Name: J4778-01MSD Acquired: 9/24/2018 13:03:51 Type: Unk
Method: P4-ICP2(v2452) 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	2.5874	10.74	.29730	F<.00000	11.599
Stddev	.0050	.01	.00045	1.6343	.474
%RSD	.19133	.0891	.15036	5.9664	4.0852

#1	2.5839	10.75	.29762	-26.235	11.264
#2	2.5909	10.73	.29699	-28.547	11.934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.9	48038.	4160.8	93.465	2936.5
Stddev	10.8	957.	3.7	.451	12.9
%RSD	.50532	1.9925	.08822	.48262	.43841

#1	2120.3	47361.	4163.3	93.784	2927.4
#2	2135.5	48714.	4158.2	93.146	2945.6

Sample Name: J4778-01A Acquired: 9/24/2018 13:07:37 Type: Unk
Method: P4-ICP2(v2452) 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	.94705	2.1326	1.2111	1.8849	.76519	88.461	.51399
Stddev	.00294	.0012	.0062	.0052	.00331	.714	.00183
%RSD	.31029	.05707	.51089	.27695	.43321	.80748	.35583

#1	.94913	2.1335	1.2155	1.8886	.76285	88.966	.51270
#2	.94498	2.1318	1.2067	1.8812	.76753	87.956	.51529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19954	.22491	21.182	.71936	.24451	.64628	366.58
Stddev	.00234	.00113	.038	.00641	.00022	.00135	7.84
%RSD	1.1738	.50294	.17746	.89072	.08858	.20867	2.1400

#1	.20120	.22571	21.155	.72389	.24436	.64723	361.03
#2	.19789	.22411	21.209	.71483	.24466	.64532	372.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1850	14.843	.60112	.08695	5.4450	.85378	.62552
Stddev	.0176	.032	.00148	.00034	.0022	.01424	.01183
%RSD	1.4844	.21425	.24575	.38932	.04061	1.6682	1.8917

#1	1.1975	14.820	.60216	.08671	5.4435	.86385	.61715
#2	1.1726	14.865	.60007	.08719	5.4466	.84371	.63389

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.033	.39425	.40689	2.3055	5.4577	.74816	1.1794
Stddev	.004	.00184	.02483	.0069	.0340	.00539	.0076
%RSD	.02425	.46796	6.1019	.30166	.62313	.72055	.64121

#1	18.030	.39555	.38933	2.3005	5.4817	.75197	1.1848
#2	18.036	.39294	.42444	2.3104	5.4337	.74435	1.1741

Sample Name: J4778-01A Acquired: 9/24/2018 13:07:37 Type: Unk
 Method: P4-ICP2(v2452) 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	2.6208	10.67	.29811	F<.00000	13.324
Stddev	.0008	.04	.00051	.24583	.481
%RSD	.03214	.3790	.17021	.87984	3.6137

#1	2.6214	10.70	.29775	-28.115	13.665
#2	2.6202	10.64	.29847	-27.767	12.984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.3	48352.	4136.0	91.238	2931.9
Stddev	5.2	522.	13.9	1.740	6.8
%RSD	.24387	1.0791	.33622	1.9069	.23249

#1	2116.7	47983.	4145.8	92.469	2927.1
#2	2124.0	48721.	4126.2	90.008	2936.8

Sample Name: J4988-07DLX10 Acquired: 9/24/2018 13:11:23 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.05454	-.00510	.71184	-.00277	-.00286	22.387	.18079	.00070
Stddev	.00023	.00196	.00478	.00223	.00063	.012	.00108	.00006
%RSD	.41329	38.469	.67171	80.329	22.171	.05377	.60007	8.0909

#1	.05438	-.00649	.70846	-.00435	-.00241	22.379	.18156	.00066
#2	.05470	-.00371	.71522	-.00120	-.00331	22.396	.18002	.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05053	218.52	.02946	.00826	1.2022	29.200	.41757	21.803
Stddev	.00008	.96	.00098	.00005	.0005	.032	.00022	.144
%RSD	.16537	.43883	3.3178	.66505	.03938	.11111	.05360	.66024

#1	.05047	219.20	.02877	.00830	1.2025	29.223	.41773	21.701
#2	.05059	217.84	.03015	.00822	1.2018	29.177	.41741	21.905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03703	.00149	.31012	.04569	12.710	1.2287	-.00057	.03481
Stddev	.00031	.00039	.00230	.00018	.007	.0022	.00047	.00015
%RSD	.85045	26.014	.74162	.38956	.05557	.17558	83.001	.42759

#1	.03680	.00121	.30850	.04581	12.715	1.2272	-.00024	.03471
#2	.03725	.00176	.31175	.04556	12.705	1.2302	-.00090	.03492

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5066	.11163	.00331	.82261	.16780	.8986	1.1586	5.0751
Stddev	.0169	.00478	.00064	.00147	.01235	.0005	.0068	.3304
%RSD	.37556	4.2829	19.286	.17810	7.3621	.0564	.58675	6.5110

#1	4.4946	.11501	.00286	.82158	.15907	.8983	1.1634	5.3087
#2	4.5186	.10825	.00376	.82365	.17654	.8990	1.1538	4.8414

Sample Name: J4988-07DLX10 Acquired: 9/24/2018 13:11:23 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.1551
Stddev .1363
%RSD 1.4891

#1 9.2515
#2 9.0587

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.6	43739.	3708.7	87.766	2929.0
Stddev	8.0	8.	28.5	.114	3.4
%RSD	.41074	.01855	.76715	.13001	.11672

#1	1931.0	43744.	3688.6	87.685	2926.5
#2	1942.2	43733.	3728.8	87.847	2931.4

Sample Name: PB113033BL Acquired: 9/24/2018 13:15:54 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00117	-.00213	-.00205	.00102	.00214	-.00005	-.00009
Stddev	.00204	.00194	.00032	.00089	.00043	.00590	.00021	.00002
%RSD	369.74	165.60	14.865	43.612	42.650	275.89	391.18	26.199

#1	-.00089	.00255	-.00191	-.00142	.00071	.00631	.00009	-.00010
#2	.00199	-.00020	-.00236	-.00268	.00133	-.00203	-.00020	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00295	.00013	.00013	-.00011	.00526	-.00002	-.00705
Stddev	.00014	.01138	.00050	.00006	.00010	.00615	.00008	.00050
%RSD	135.51	386.37	378.62	44.258	91.247	117.08	439.83	7.1488

#1	.00021	.00510	-.00022	.00009	-.00018	.00961	.00004	-.00741
#2	.00000	-.01099	.00049	.00017	-.00004	.00090	-.00008	-.00669

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00030	-.36596	-.00043	-.00026	-.05960	-.00013	-.00694
Stddev	.00013	.00030	.00692	.00047	.00006	.01388	.00020	.00649
%RSD	35.418	99.211	1.8905	110.08	24.269	23.288	160.22	93.475

#1	.00047	.00009	-.36107	-.00076	-.00021	-.06941	.00002	-.01152
#2	.00028	.00052	-.37085	-.00010	-.00030	-.04978	-.00027	-.00235

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00047	-.00069	.00054	-.01726	.0014	-.00006	.39823
Stddev	.00395	.00190	.00086	.00136	.01333	.0007	.00011	.08209
%RSD	3354.5	406.76	124.66	251.61	77.242	47.33	185.73	20.614

#1	-.00291	.00181	-.00129	.00150	-.02668	.0010	.00002	.45628
#2	.00268	-.00087	-.00008	-.00042	-.00783	.0019	-.00013	.34018

Sample Name: PB113033BL Acquired: 9/24/2018 13:15:54 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.88604
Stddev	.19867
%RSD	22.423

#1	1.0265
#2	.74555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.7	46182.	3696.9	94.344	3426.4
Stddev	3.2	77.	37.4	.840	9.7
%RSD	.15594	.16762	1.0111	.89089	.28368

#1	2037.5	46127.	3670.5	93.749	3419.5
#2	2042.0	46237.	3723.4	94.938	3433.3

Sample Name: CCV02 Acquired: 9/24/2018 13:23:49 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1078	5.1241	5.0447	5.1476	5.1684	10.576	10.411	.25788
Stddev	.0094	.0091	.0246	.0150	.0017	.104	.068	.00029
%RSD	.18319	.17829	.48686	.29172	.03265	.98382	.65141	.11217
#1	5.1144	5.1177	5.0274	5.1370	5.1696	10.502	10.459	.25808
#2	5.1012	5.1306	5.0621	5.1583	5.1672	10.649	10.363	.25767
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5269	25.795	1.0249	2.4819	1.2722	5.1703	2.5804	25.673
Stddev	.0023	.044	.0041	.0023	.0022	.1167	.0010	.008
%RSD	.09229	.17202	.40132	.09320	.16954	2.2580	.03843	.03013
#1	2.5252	25.826	1.0220	2.4803	1.2707	5.0878	2.5811	25.679
#2	2.5285	25.764	1.0278	2.4835	1.2737	5.2529	2.5796	25.668
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5333	1.2731	25.688	2.5767	2.5562	25.665	5.2129	5.2415
Stddev	.0051	.0029	.180	.0052	.0711	.104	.0049	.0207
%RSD	.20002	.22912	.70136	.20249	2.7817	.40674	.09383	.39453
#1	2.5297	1.2711	25.815	2.5730	2.5059	25.739	5.2094	5.2268
#2	2.5368	1.2752	25.561	2.5804	2.6065	25.591	5.2163	5.2561
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0471	4.9489	5.0775	5.1717	4.6765	5.147	5.1508	F 2.6640
Stddev	.0014	.0480	.0088	.0203	.0163	.001	.0367	.2107
%RSD	.02778	.96914	.17271	.39309	.34742	.0120	.71179	7.9081
#1	5.0481	4.9828	5.0713	5.1861	4.6650	5.147	5.1767	2.5150
#2	5.0462	4.9150	5.0837	5.1573	4.6880	5.147	5.1248	2.8130

Sample Name: CCV02 Acquired: 9/24/2018 13:23:49 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0057
Stddev .5401
%RSD 17.970

#1 2.6238
#2 3.3877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.9	44724.	3714.4	90.975	3037.7
Stddev	5.0	2.	32.3	2.292	3.2
%RSD	.25469	.00515	.87007	2.5196	.10535

#1	1959.3	44726.	3691.5	92.596	3035.4
#2	1966.4	44722.	3737.2	89.354	3039.9

Sample Name: CCB02 Acquired: 9/24/2018 13:27:36 Type: Unk
Method: P4-ICP2(v2452) 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	.00068	.00156	-.00099	.00125	-.00230	.00696	-.00076
Stddev	.00143	.00038	.00118	.00024	.00057	.00820	.00000
%RSD	209.25	24.389	119.05	19.269	24.819	117.87	.32022

#1	-.00033	.00129	-.00016	.00108	-.00190	.01276	-.00076
#2	.00170	.00183	-.00183	.00143	-.00270	.00116	-.00076

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00021	-.01632	.00049	.00012	-.00029	.00271
Stddev	.00002	.00007	.01186	.00024	.00002	.00017	.01346
%RSD	47.877	35.039	72.664	49.868	18.617	60.326	495.88

#1	-.00007	.00026	-.00794	.00066	.00013	-.00016	-.00680
#2	-.00003	.00015	-.02471	.00032	.00010	-.00041	.01223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01100	.00064	.00016	-.37398	-.00021	-.00035
Stddev	.00015	.03991	.00021	.00034	.00543	.00042	.00022
%RSD	908.44	362.71	32.537	215.16	1.4526	202.31	62.069

#1	-.00012	-.01722	.00078	-.00008	-.37013	-.00051	-.00051
#2	.00009	.03923	.00049	.00040	-.37782	.00009	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05663	.00030	.00028	-.00330	-.00359	-.00007	-.00078
Stddev	.00746	.00009	.01850	.00186	.00296	.00054	.00067
%RSD	13.180	28.619	6709.5	56.480	82.401	730.57	85.745

#1	-.05135	.00024	.01336	-.00462	-.00568	-.00046	-.00031
#2	-.06190	.00037	-.01280	-.00198	-.00150	.00031	-.00125

Sample Name: CCB02 Acquired: 9/24/2018 13:27:36 Type: Unk
 Method: P4-ICP2(v2452) 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 -.01239	-.0012	-.00000	F .17616	F 1.0491
Stddev	.02288	.0009	.00006	.24964	.3552
%RSD	184.66	73.99	2372.1	141.71	33.859

#1	.00379	-.0006	.00004	.35269	.79792
#2	-.02856	-.0019	-.00004	-.00036	1.3003

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.1	46859.	3758.2	93.699	3459.8
Stddev	4.8	97.	23.1	2.265	8.3
%RSD	.23203	.20620	.61533	2.4172	.24085

#1	2052.7	46790.	3741.9	95.301	3453.9
#2	2059.5	46927.	3774.6	92.098	3465.7

Sample Name: J5051-02 Acquired: 9/24/2018 22:56:02 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00596	-.00134	.00324	.00296	-.00370	-.04463	.01935	-.00006
Stddev	.00066	.00354	.00114	.00008	.00135	.00903	.00020	.00006
%RSD	11.066	264.07	35.234	2.7050	36.461	20.231	1.0397	88.237

#1	.00642	-.00384	.00243	.00302	-.00465	-.05102	.01950	-.00002
#2	.00549	.00116	.00405	.00290	-.00274	-.03825	.01921	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	114.22	-.00171	-.00058	.00187	-.03125	.01889	326.72
Stddev	.00022	.34	.00007	.00025	.00004	.01027	.00005	1.11
%RSD	59.478	.29603	4.3405	42.764	1.9515	32.881	.24364	.33898

#1	-.00051	113.98	-.00176	-.00041	.00184	-.02398	.01892	325.94
#2	-.00021	114.46	-.00166	-.00076	.00189	-.03851	.01885	327.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00266	.00039	2211.3	.00151	-.00111	112.21	.00232	1.1089
Stddev	.00015	.00006	1.8	.00028	.00001	.28	.00030	.0199
%RSD	5.6729	16.375	.07932	18.776	1.3417	.24994	12.828	1.7947

#1	-.00277	.00035	2210.0	.00171	-.00112	112.01	.00211	1.0948
#2	-.00255	.00044	2212.5	.00131	-.00110	112.41	.00253	1.1230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	267.54	1.0156	-.09739	-.00606	.42143	.1200	1.8847	8.1720
Stddev	1.15	.0135	.00084	.00109	.01844	.0008	.0061	.5140
%RSD	.42960	1.3264	.85828	17.928	4.3756	.6975	.32177	6.2892

#1	268.35	1.0060	-.09798	-.00529	.40839	.1194	1.8804	8.5354
#2	266.73	1.0251	-.09680	-.00683	.43447	.1206	1.8889	7.8085

Sample Name: J5051-02 Acquired: 9/24/2018 22:56:02 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4181
 Stddev .9932
 %RSD 18.332

#1 6.1204
 #2 4.7158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.6	41295.	3768.1	92.273	2598.3
Stddev	11.9	120.	24.4	1.887	14.8
%RSD	.62840	.29142	.64863	2.0452	.56906

#1	1884.2	41380.	3785.4	90.939	2587.9
#2	1901.0	41210.	3750.8	93.607	2608.8

Sample Name: J4958-01MS Acquired: 9/24/2018 14:31:03 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.70341	1.6832	.83634	1.7470	.68168	1.7251	.32116	.16960	.16987
Stddev	.00311	.0045	.00098	.0005	.00196	.0123	.00013	.00036	.00046
%RSD	.44221	.26421	.11714	.02773	.28731	.71037	.04096	.21514	.26898
#1	.70561	1.6800	.83564	1.7467	.68306	1.7338	.32125	.16986	.16955
#2	.70121	1.6863	.83703	1.7474	.68029	1.7164	.32107	.16934	.17019
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.058	.44112	.16171	.26263	2.6482	.18313	17.867	.41167	.06177
Stddev	.362	.00087	.00012	.00037	.0336	.00049	.008	.00052	.00015
%RSD	.76956	.19666	.07228	.14000	1.2690	.26824	.04438	.12690	.24382
#1	47.314	.44051	.16179	.26289	2.6244	.18278	17.861	.41204	.06187
#2	46.802	.44174	.16163	.26237	2.6720	.18347	17.872	.41130	.06166
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	132.20	.26531	.19047	12.427	.35714	.29255	3.8467	6.6033	.57566
Stddev	.01	.00089	.00413	.014	.00099	.00238	.0036	.0264	.00092
%RSD	.00529	.33431	2.1680	.11479	.27726	.81211	.09290	.39974	.16042
#1	132.20	.26469	.18755	12.437	.35784	.29087	3.8442	6.6220	.57501
#2	132.19	.26594	.19339	12.417	.35644	.29423	3.8493	6.5847	.57631
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.17816	1.5446	4.888	.57219	3.8302	.92606			
Stddev	.00351	.0157	.006	.00033	.1291	.09386			
%RSD	1.9693	1.0187	.1280	.05770	3.3706	10.135			
#1	.17568	1.5334	4.892	.57195	3.7389	.85969			
#2	.18064	1.5557	4.883	.57242	3.9215	.99243			

Sample Name: J4958-01MS Acquired: 9/24/2018 14:31:03 Type: Unk
Method: P4-ICP2(v2452) 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	1926.7	44343.	3735.6	91.362	3045.7
Stddev	15.6	35.	15.9	1.012	22.9
%RSD	.80851	.07913	.42546	1.1076	.75097
#1	1915.7	44368.	3724.4	92.077	3029.6
#2	1937.7	44318.	3746.9	90.646	3061.9

Sample Name: PB113033BS Acquired: 9/24/2018 13:31:40 Type: Unk
Method: P4-ICP2(v2452) 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	.80195	2.0276	.97149	2.0116	.77402	1.8606	.20406
Stddev	.00500	.0109	.00004	.0038	.00292	.0049	.00101
%RSD	.62344	.53615	.00452	.18814	.37679	.26098	.49501

#1	.79842	2.0199	.97146	2.0143	.77195	1.8572	.20477
#2	.80549	2.0353	.97152	2.0090	.77608	1.8640	.20334

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19172	.19314	1.0258	.40017	.18473	.29221	2.9471
Stddev	.00058	.00017	.0080	.00177	.00000	.00243	.0342
%RSD	.30129	.08738	.78171	.44321	.00059	.83198	1.1595

#1	.19131	.19326	1.0314	.39892	.18473	.29049	2.9229
#2	.19213	.19302	1.0201	.40143	.18473	.29393	2.9712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20459	1.9455	.47371	.07139	2.6840	.29842	.19992
Stddev	.00015	.0219	.00094	.00072	.0215	.00076	.00073
%RSD	.07517	1.1259	.19786	1.0121	.80092	.25479	.36668

#1	.20470	1.9300	.47304	.07190	2.6992	.29896	.19940
#2	.20448	1.9610	.47437	.07088	2.6688	.29789	.20044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9592	.40833	.29847	F -.00596	.87304	.65278	.20070
Stddev	.0269	.00037	.00524	.00352	.00966	.00164	.00353
%RSD	.26999	.08967	1.7558	59.004	1.1061	.25055	1.7597

#1	9.9783	.40807	.30218	-.00845	.87987	.65163	.19821
#2	9.9402	.40859	.29477	-.00347	.86621	.65394	.20320

Sample Name: PB113033BS Acquired: 9/24/2018 13:31:40 Type: Unk
Method: P4-ICP2(v2452) 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 1.7076	5.191	.19449	.68773	F<.00000
Stddev	.0051	.009	.00178	.33135	.04263
%RSD	.30015	.1776	.91637	48.181	7.9782

#1	1.7039	5.184	.19575	.45343	-.50418
#2	1.7112	5.197	.19323	.92203	-.56447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.9	46284.	3769.6	95.460	3331.8
Stddev	.1	40.	22.9	.162	6.8
%RSD	.00433	.08711	.60715	.16938	.20428

#1	2011.9	46256.	3785.8	95.345	3327.0
#2	2011.8	46313.	3753.4	95.574	3336.7

Sample Name: CCV14 Acquired: 9/24/2018 23:00:11 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7894	4.7908	4.7285	4.8799	4.8387	9.9717	10.118
Stddev	.0142	.0084	.0050	.0177	.0087	.0711	.012
%RSD	.29698	.17536	.10681	.36195	.17905	.71325	.11763

#1	4.7995	4.7849	4.7320	4.8924	4.8448	10.022	10.110
#2	4.7794	4.7968	4.7249	4.8674	4.8326	9.9214	10.127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24007	2.3675	25.070	.94433	2.2721	1.1989	4.8778
Stddev	.00052	.0014	.069	.00350	.0021	.0016	.1003
%RSD	.21699	.05878	.27540	.37049	.09026	.13214	2.0569

#1	.24043	2.3665	25.119	.94185	2.2707	1.2000	4.9487
#2	.23970	2.3685	25.021	.94680	2.2736	1.1978	4.8068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3509	24.492	2.3780	1.2032	25.049	2.4126	2.3919
Stddev	.0023	.103	.0000	.0016	.040	.0012	.0100
%RSD	.09836	.42111	.00070	.13356	.15989	.04863	.41877

#1	2.3493	24.565	2.3780	1.2021	25.021	2.4135	2.3990
#2	2.3525	24.419	2.3779	1.2043	25.077	2.4118	2.3848

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.448	4.9367	5.0111	4.8158	4.7824	4.7839	4.9826
Stddev	.103	.0079	.0185	.0129	.0387	.0019	.0112
%RSD	.40360	.16064	.36852	.26793	.80888	.03973	.22512

#1	25.376	4.9423	5.0242	4.8249	4.7551	4.7826	4.9905
#2	25.521	4.9311	4.9981	4.8067	4.8098	4.7852	4.9747

Sample Name: CCV14 Acquired: 9/24/2018 23:00:11 Type: Unk
 Method: P4-ICP2(v2452) 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	4.5007	4.932	4.9370	F<.00000	F 3.8250
Stddev	.0351	.007	.0194	.42145	.2994
%RSD	.77959	.1439	.39234	75.832	7.8269
#1	4.5255	4.937	4.9507	-.85379	3.6133
#2	4.4759	4.927	4.9233	-.25776	4.0366
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.5	49158.	4019.2	100.07	3338.5
Stddev	6.5	8.	23.6	.54	1.7
%RSD	.29912	.01580	.58603	.54097	.05156
#1	2158.9	49152.	4035.9	99.691	3337.3
#2	2168.0	49163.	4002.6	100.46	3339.7

Sample Name: PB113068BL Acquired: 9/24/2018 13:35:32 Type: Unk
Method: P4-ICP2(v2452) 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	.00117	.00167	.00016	-.00287	-.00045	.00911	-.00073
Stddev	.00094	.00034	.00090	.00241	.00156	.01083	.00031
%RSD	80.093	20.621	564.30	83.870	348.47	118.85	42.541

#1	.00051	.00191	.00079	-.00117	.00065	.01677	-.00094
#2	.00183	.00143	-.00048	-.00457	-.00155	.00145	-.00051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00021	.00181	.00038	.00008	.00002	-.00176
Stddev	.00004	.00006	.00040	.00039	.00009	.00072	.00672
%RSD	68.573	27.466	22.176	103.96	115.99	3873.2	381.28

#1	.00009	.00025	.00210	.00010	.00001	-.00049	-.00651
#2	.00003	.00017	.00153	.00065	.00014	.00053	.00299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00340	.00054	-.00012	-.38002	.00006	-.00029
Stddev	.00003	.01949	.00000	.00057	.00764	.00041	.00003
%RSD	60.060	574.21	.02401	467.11	2.0094	703.73	10.667

#1	-.00003	-.01718	.00054	.00028	-.38542	.00035	-.00032
#2	-.00008	.01039	.00054	-.00053	-.37462	-.00023	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06745	-.00013	-.00346	-.00481	-.00704	-.00023	-.00199
Stddev	.00351	.00006	.00727	.00067	.00192	.00098	.00136
%RSD	5.1974	45.552	209.91	13.949	27.237	427.41	68.243

#1	-.06993	-.00009	.00168	-.00528	-.00840	-.00092	-.00295
#2	-.06497	-.00017	-.00860	-.00433	-.00568	.00046	-.00103

Sample Name: PB113068BL Acquired: 9/24/2018 13:35:32 Type: Unk
 Method: P4-ICP2(v2452) 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 -.01958	-.0004	-.00009	F<.00000	F .42112
Stddev	.00109	.0017	.00013	.02905	.00448
%RSD	5.5443	449.4	142.96	2.9713	1.0631

#1	-.02035	-.0015	-.00018	-.95702	.41796
#2	-.01881	.0008	.00000	-.99809	.42429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.1	47084.	3800.4	94.425	3460.3
Stddev	11.0	241.	10.0	.915	14.6
%RSD	.53374	.51214	.26235	.96897	.42096

#1	2065.8	46914.	3793.4	95.072	3470.6
#2	2050.3	47255.	3807.5	93.778	3450.0

Sample Name: CCB14 Acquired: 9/24/2018 23:04:04 Type: Unk
Method: P4-ICP2(v2452) 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	-.00018	.00110	-.00447	.00007	-.00104	.01137	-.00154
Stddev	.00152	.00063	.00074	.00126	.00122	.00254	.00007
%RSD	822.64	57.375	16.650	1767.3	117.46	22.371	4.5409

#1	.00089	.00154	-.00500	.00096	-.00018	.01317	-.00149
#2	-.00126	.00065	-.00394	-.00082	-.00189	.00957	-.00159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00022	-.01842	-.00013	.00023	-.00051	.00258
Stddev	.00000	.00013	.00248	.00002	.00003	.00045	.01585
%RSD	12.062	60.395	13.486	17.497	12.223	87.149	614.97

#1	.00002	.00012	-.02017	-.00012	.00021	-.00020	.01379
#2	.00002	.00031	-.01666	-.00015	.00025	-.00083	-.00863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.03640	.00074	.00022	-.14211	-.00005	-.00070
Stddev	.00006	.03855	.00019	.00027	.00627	.00054	.00001
%RSD	45.571	105.91	25.281	119.87	4.4133	1188.1	1.1660

#1	-.00016	.06365	.00061	.00041	-.14655	-.00043	-.00071
#2	-.00008	.00914	.00088	.00003	-.13768	.00034	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	.00100	-.00055	-.00312	-.00524	-.00111	-.00152
Stddev	.02081	.00000	.00205	.00216	.00057	.00024	.00182
%RSD	1087.9	.28290	370.41	69.143	10.807	21.180	119.65

#1	-.01280	.00100	-.00201	-.00465	-.00565	-.00128	-.00280
#2	.01663	.00100	.00090	-.00160	-.00484	-.00094	-.00023

Sample Name: CCB14 Acquired: 9/24/2018 23:04:04 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00915	-0.0016	.00005	F<.00000	F 1.4838
Stddev	.00190	.0013	.00003	.65509	.0852
%RSD	20.781	84.51	62.078	18.912	5.7417
#1	-0.00780	-0.0025	.00003	-3.0006	1.5440
#2	-0.01049	-0.0006	.00007	-3.9270	1.4235
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.1	51544.	4081.0	104.52	3787.7
Stddev	6.6	270.	9.5	2.47	12.3
%RSD	.29435	.52324	.23344	2.3586	.32449
#1	2245.4	51353.	4087.8	106.26	3779.0
#2	2254.7	51735.	4074.3	102.78	3796.4

Sample Name: PB113068BS Acquired: 9/24/2018 13:39:37 Type: Unk
Method: P4-ICP2(v2452) 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	.79288	2.0310	.97399	2.0034	.77801	1.8591	.20502
Stddev	.00706	.0010	.00096	.0048	.00122	.0206	.00006
%RSD	.88995	.05091	.09905	.23799	.15712	1.1070	.02811

#1	.79787	2.0318	.97330	2.0000	.77714	1.8446	.20498
#2	.78789	2.0303	.97467	2.0067	.77887	1.8737	.20506

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19209	.19338	1.0166	.40050	.18481	.29021	2.9714
Stddev	.00051	.00037	.0129	.00005	.00029	.00005	.0301
%RSD	.26665	.19389	1.2703	.01209	.15562	.01892	1.0116

#1	.19172	.19312	1.0075	.40054	.18502	.29024	2.9501
#2	.19245	.19365	1.0257	.40047	.18461	.29017	2.9927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20554	1.9686	.47450	.07159	2.6717	.30136	.20373
Stddev	.00080	.0355	.00190	.00051	.0021	.00104	.00049
%RSD	.38755	1.8054	.40080	.71069	.08001	.34470	.23842

#1	.20497	1.9938	.47316	.07195	2.6702	.30210	.20408
#2	.20610	1.9435	.47585	.07123	2.6732	.30063	.20339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9625	.40814	.29522	F -.00280	.88508	.65162	.20125
Stddev	.0134	.00053	.01459	.00085	.01857	.00054	.00295
%RSD	.13429	.13051	4.9420	30.259	2.0977	.08364	1.4665

#1	9.9530	.40776	.28490	-.00220	.89821	.65201	.19916
#2	9.9719	.40852	.30553	-.00339	.87195	.65124	.20334

Sample Name: PB113068BS Acquired: 9/24/2018 13:39:37 Type: Unk
Method: P4-ICP2(v2452) 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 1.7438	5.206	.19369	.84172	F<.00000
Stddev	.0123	.002	.00098	.44428	.21267
%RSD	.70395	.0432	.50410	52.782	186.65

#1	1.7525	5.204	.19438	.52757	-.26432
#2	1.7351	5.208	.19300	1.1559	.03644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.9	46101.	3733.7	93.706	3328.9
Stddev	4.5	13.	31.6	.513	2.6
%RSD	.22340	.02881	.84556	.54698	.07880

#1	2010.7	46091.	3711.4	93.344	3327.1
#2	2017.1	46110.	3756.0	94.069	3330.8

Sample Name: J4980-13 Acquired: 9/24/2018 13:43:29 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00275	-.00052	-.00158	.00414	-.00090	.04767	.04342	-.00010
Stddev	.00203	.00004	.00029	.00083	.00171	.00808	.00000	.00003
%RSD	73.802	7.7529	18.634	19.990	189.27	16.957	.00535	30.429

#1	.00131	-.00055	-.00179	.00356	-.00211	.05338	.04342	-.00008
#2	.00418	-.00049	-.00137	.00473	.00031	.04195	.04342	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	27.009	.03911	.00042	.00264	.12955	.00571	.84941
Stddev	.00017	.004	.00069	.00009	.00045	.00594	.00005	.02030
%RSD	246.31	.01650	1.7669	20.691	17.239	4.5875	.86584	2.3900

#1	.00019	27.012	.03862	.00049	.00232	.13375	.00575	.83506
#2	-.00005	27.006	.03960	.00036	.00296	.12535	.00568	.86377

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02372	.00053	9.7157	.00280	.02235	1.2948	.00402	.03718
Stddev	.00018	.00016	.0703	.00019	.00089	.0171	.00064	.00294
%RSD	.77992	29.487	.72402	6.9499	3.9920	1.3204	15.888	7.9207

#1	.02385	.00064	9.7654	.00294	.02298	1.2827	.00357	.03926
#2	.02359	.00042	9.6659	.00266	.02172	1.3069	.00447	.03509

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4963	4.8059	-.00105	.00031	.05444	.0290	1.1704	1.9993
Stddev	.0048	.0231	.00099	.00094	.01122	.0016	.0056	.3778
%RSD	.19371	.47971	94.350	301.33	20.605	5.689	.48061	18.898

#1	2.4998	4.8222	-.00035	-.00035	.06237	.0278	1.1743	2.2665
#2	2.4929	4.7896	-.00175	.00098	.04651	.0302	1.1664	1.7322

Sample Name: J4980-13 Acquired: 9/24/2018 13:43:29 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5606
 Stddev .1012
 %RSD 6.4830

#1 1.6322
 #2 1.4891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.1	45659.	3750.5	92.785	3320.5
Stddev	3.6	57.	22.2	3.449	.3
%RSD	.18224	.12551	.59097	3.7169	.00763

#1	1991.5	45618.	3734.8	90.347	3320.3
#2	1996.7	45699.	3766.2	95.224	3320.7

Sample Name: J4980-13DUP Acquired: 9/24/2018 13:47:32 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00467	-.00169	.00064	.00113	-.00035	.05129	.04335	-.00009
Stddev	.00047	.00099	.00001	.00342	.00121	.00383	.00034	.00003
%RSD	10.087	58.259	1.1357	303.12	347.90	7.4606	.77374	35.047

#1	.00434	-.00100	.00063	.00355	.00051	.05400	.04359	-.00007
#2	.00501	-.00239	.00064	-.00129	-.00120	.04859	.04312	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	27.410	.03706	.00024	.00216	.13682	.00560	.79679
Stddev	.00005	.110	.00032	.00011	.00036	.01218	.00003	.00706
%RSD	145.15	.40037	.86201	47.626	16.526	8.9011	.57285	.88648

#1	.00008	27.333	.03729	.00032	.00241	.14543	.00562	.80178
#2	-.00000	27.488	.03684	.00016	.00191	.12821	.00557	.79179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02209	.00009	9.8946	.00313	.01876	1.3246	.00380	.02116
Stddev	.00040	.00010	.0209	.00041	.00060	.0060	.00001	.00292
%RSD	1.8296	118.15	.21148	13.114	3.1715	.45657	.37306	13.800

#1	.02237	.00016	9.9094	.00342	.01919	1.3288	.00381	.02322
#2	.02180	.00001	9.8798	.00284	.01834	1.3203	.00379	.01909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4756	4.8843	-.00103	-.00046	.04934	.0310	1.1922	.63468
Stddev	.0101	.0200	.00006	.00002	.02409	.0002	.0015	.16271
%RSD	.40768	.40855	5.8904	5.0761	48.819	.5742	.12374	25.637

#1	2.4827	4.8984	-.00099	-.00044	.03230	.0309	1.1932	.74974
#2	2.4684	4.8702	-.00108	-.00047	.06637	.0311	1.1911	.51963

Sample Name: J4980-13DUP Acquired: 9/24/2018 13:47:32 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5243
Stddev	.3290
%RSD	21.587

#1	1.7569
#2	1.2916

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.1	46092.	3788.9	94.730	3322.2
Stddev	7.0	110.	14.1	1.668	9.6
%RSD	.34987	.23967	.37222	1.7607	.28875

#1	1987.1	46014.	3778.9	93.551	3315.4
#2	1997.0	46170.	3798.9	95.910	3329.0

Sample Name: J4980-13LX5 Acquired: 9/24/2018 13:51:36 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00304	.00205	-.00143	-.00272	-.00002	.01467	.00815	.00006
Stddev	.00328	.00024	.00009	.00098	.00084	.00341	.00005	.00002
%RSD	107.95	11.562	6.0814	36.078	3815.4	23.269	.55760	29.399

#1	.00072	.00221	-.00136	-.00341	.00057	.01709	.00818	.00005
#2	.00536	.00188	-.00149	-.00203	-.00062	.01226	.00812	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	5.2832	.00164	.00020	.00032	.00821	.00019	.23279
Stddev	.00000	.0118	.00032	.00003	.00028	.00238	.00003	.03065
%RSD	.81565	.22407	19.489	15.452	88.644	29.047	16.364	13.168

#1	.00014	5.2916	.00142	.00018	.00052	.00652	.00021	.21111
#2	.00014	5.2749	.00187	.00023	.00012	.00989	.00017	.25446

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00004	1.6296	.00079	.00325	.18526	.00017	.00186
Stddev	.00014	.00015	.0261	.00051	.00021	.01669	.00019	.01662
%RSD	17.329	344.75	1.6004	65.184	6.3345	9.0111	114.78	895.39

#1	.00071	.00015	1.6481	.00042	.00340	.19706	.00003	-.00990
#2	.00090	-.00006	1.6112	.00115	.00311	.17345	.00031	.01361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49537	.98816	-.00101	-.00188	-.00494	.0057	.23105	<.00000
Stddev	.00190	.00786	.00026	.00006	.00701	.0016	.00124	.27688
%RSD	.38281	.79586	26.167	3.3633	141.94	27.85	.53781	49.610

#1	.49402	.99372	-.00120	-.00183	-.00989	.0068	.23193	-.75390
#2	.49671	.98260	-.00082	-.00192	.00002	.0046	.23017	-.36233

Sample Name: J4980-13LX5 Acquired: 9/24/2018 13:51:36 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.74089
Stddev	.43869
%RSD	59.211

#1	1.0511
#2	.43069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.3	46874.	3773.4	94.516	3447.6
Stddev	11.8	25.	26.4	2.634	18.1
%RSD	.57254	.05437	.69980	2.7870	.52545

#1	2046.0	46892.	3754.7	92.654	3434.8
#2	2062.6	46856.	3792.1	96.379	3460.4

Sample Name: J4980-13MS Acquired: 9/24/2018 13:55:39 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.84957	2.0951	1.0079	2.0845	.82723	2.0465	.25934	.20296
Stddev	.00320	.0064	.0019	.0064	.00613	.0226	.00037	.00051
%RSD	.37714	.30386	.18691	.30628	.74070	1.1030	.14259	.25011

#1	.84731	2.0996	1.0066	2.0890	.82290	2.0624	.25961	.20332
#2	.85184	2.0906	1.0092	2.0800	.83156	2.0305	.25908	.20260

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20138	27.370	.42181	.19214	.30247	3.0649	.21445	2.8979
Stddev	.00102	.006	.00091	.00035	.00048	.0497	.00001	.0121
%RSD	.50667	.02114	.21617	.18263	.16023	1.6226	.00556	.41683

#1	.20210	27.366	.42246	.19239	.30281	3.0298	.21446	2.9064
#2	.20066	27.375	.42117	.19189	.30213	3.1001	.21444	2.8893

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49235	.07354	12.727	.32384	.21194	11.903	.44075	.36181
Stddev	.00011	.00121	.007	.00025	.00466	.032	.00004	.01315
%RSD	.02136	1.6482	.05693	.07850	2.1972	.27296	.00802	3.6345

#1	.49243	.07440	12.732	.32366	.20864	11.880	.44078	.37110
#2	.49228	.07268	12.722	.32402	.21523	11.926	.44073	.35251

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4709	5.7802	.69561	.21485	1.9035	5.611	1.3633	2.5976
Stddev	.0038	.0316	.00043	.00200	.0014	.011	.0006	.2250
%RSD	.15373	.54750	.06203	.93131	.07439	.1943	.04462	8.6631

#1	2.4736	5.7579	.69592	.21344	1.9045	5.619	1.3629	2.4385
#2	2.4682	5.8026	.69531	.21627	1.9025	5.604	1.3637	2.7567

Sample Name: J4980-13MS Acquired: 9/24/2018 13:55:39 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .20071
%RSD 147.24

#1 .00561
#2 -.27824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.0	45522.	3699.7	95.141	3260.6
Stddev	.2	122.	13.5	1.902	6.9
%RSD	.00856	.26815	.36372	1.9989	.21071

#1	1990.9	45435.	3709.3	96.485	3255.8
#2	1991.1	45608.	3690.2	93.796	3265.5

Sample Name: J4980-13MSD Acquired: 9/24/2018 13:59:30 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.84044	2.0650	.99668	2.0623	.81741	2.0198	.25706	.20078	.19944
Stddev	.01024	.0151	.00570	.0092	.00132	.0142	.00197	.00037	.00117
%RSD	1.2188	.72950	.57183	.44673	.16202	.70347	.76467	.18514	.58539

#1	.84768	2.0756	1.0007	2.0688	.81835	2.0097	.25845	.20052	.20027
#2	.83320	2.0543	.99265	2.0557	.81647	2.0298	.25567	.20104	.19862

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.087	.42128	.19038	.29861	3.1698	.21304	2.8759	.48755	.07399
Stddev	.016	.00285	.00138	.00155	.0353	.00027	.0162	.00322	.00060
%RSD	.05831	.67573	.72277	.52014	1.1140	.12820	.56434	.66096	.80545

#1	27.076	.41927	.19136	.29971	3.1448	.21323	2.8644	.48983	.07442
#2	27.098	.42330	.18941	.29751	3.1947	.21284	2.8874	.48527	.07357

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	12.608	.32061	.21637	11.728	.43802	.35207	2.4383	5.6762	.69187
Stddev	.060	.00055	.00104	.000	.00099	.00260	.0111	.0168	.00236
%RSD	.47216	.17268	.48089	.00196	.22528	.73815	.45627	.29512	.34043

#1	12.650	.32100	.21563	11.728	.43871	.35023	2.4462	5.6644	.69353
#2	12.566	.32022	.21710	11.729	.43732	.35390	2.4304	5.6881	.69020

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21289	1.8904	5.565	1.3502	1.3080	.07048
Stddev	.00095	.0101	.026	.0082	.1906	.11790
%RSD	.44406	.53529	.4682	.61007	14.568	167.28

#1	.21222	1.8832	5.583	1.3560	1.4427	-.01289
#2	.21356	1.8975	5.546	1.3444	1.1733	.15386

Sample Name: J4980-13MSD Acquired: 9/24/2018 13:59:30 Type: Unk
Method: P4-ICP2(v2452) 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	2001.6	45985.	3789.7	93.069	3280.3
Stddev	13.6	240.	16.1	.184	31.4
%RSD	.68084	.52169	.42527	.19766	.95845
#1	1992.0	45816.	3778.3	93.199	3258.0
#2	2011.3	46155.	3801.1	92.939	3302.5

Sample Name: J4770-10 Acquired: 9/24/2018 19:12:11 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00492	-.00294	.03360	.00432	.00051	.25044	.14294	-.00012
Stddev	.00221	.00037	.00149	.00182	.00076	.00264	.00046	.00001
%RSD	45.011	12.729	4.4202	42.183	150.13	1.0537	.32325	9.7961

#1	-.00649	-.00321	.03255	.00303	.00104	.25231	.14262	-.00011
#2	-.00335	-.00268	.03465	.00561	-.00003	.24858	.14327	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	32.494	.00098	.00193	.00944	.28612	.31732	1.2687
Stddev	.00010	.075	.00018	.00001	.00007	.01635	.00132	.0198
%RSD	14.061	.23141	18.231	.28166	.74739	5.7155	.41580	1.5565

#1	.00079	32.441	.00085	.00193	.00939	.27456	.31638	1.2547
#2	.00065	32.547	.00110	.00193	.00949	.29769	.31825	1.2826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00281	.00003	262.23	-.00002	.25720	1.4305	.00016	.00740
Stddev	.00015	.00026	2.30	.00068	.00065	.0050	.00009	.01062
%RSD	5.2597	894.11	.87802	3563.1	.25079	.35104	57.393	143.41

#1	.00291	.00022	263.86	-.00050	.25674	1.4269	.00009	-.00010
#2	.00270	-.00016	260.60	.00046	.25765	1.4340	.00022	.01491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71629	1.3435	.00123	.01034	.01196	.0230	.13570	2.4495
Stddev	.00255	.0005	.00002	.00101	.00655	.0029	.00005	.0668
%RSD	.35620	.03906	1.7874	9.7437	54.821	12.80	.03500	2.7250

#1	.71810	1.3439	.00125	.01105	.01659	.0251	.13574	2.4967
#2	.71449	1.3431	.00122	.00963	.00732	.0209	.13567	2.4023

Sample Name: J4770-10 Acquired: 9/24/2018 19:12:11 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3020
 Stddev .4899
 %RSD 14.838

#1 3.6484
 #2 2.9555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.1	46133.	3941.8	98.399	3182.4
Stddev	10.4	9.	15.9	.040	8.4
%RSD	.51103	.01996	.40231	.04029	.26315

#1	2025.8	46126.	3930.6	98.371	3176.5
#2	2040.5	46139.	3953.0	98.427	3188.3

Sample Name: J4980-13A Acquired: 9/24/2018 14:03:20 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.83897	2.0655	1.0006	2.0632	.82405	2.0231	.25680	.20132	.19994
Stddev	.00152	.0067	.0018	.0012	.00665	.0047	.00037	.00074	.00010
%RSD	.18142	.32387	.17523	.06023	.80730	.23426	.14249	.36792	.05003

#1	.83790	2.0702	1.0019	2.0623	.82876	2.0265	.25706	.20080	.19987
#2	.84005	2.0607	.99938	2.0641	.81935	2.0198	.25654	.20184	.20001

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.107	.42138	.19094	.29901	3.1650	.21284	2.8311	.48971	.07403
Stddev	.050	.00141	.00053	.00114	.0456	.00137	.0955	.00126	.00011
%RSD	.18450	.33516	.27833	.38276	1.4396	.64510	3.3731	.25636	.15115

#1	27.072	.42237	.19132	.29982	3.1328	.21187	2.7636	.49060	.07395
#2	27.143	.42038	.19057	.29820	3.1972	.21382	2.8987	.48882	.07411

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	12.669	.31943	.21654	11.731	.43898	.34559	2.4322	5.6992	.69378
Stddev	.008	.00211	.00280	.062	.00107	.00846	.0005	.0378	.00117
%RSD	.06437	.66067	1.2918	.52843	.24283	2.4493	.01953	.66273	.16802

#1	12.674	.31794	.21457	11.775	.43974	.33960	2.4325	5.6725	.69460
#2	12.663	.32092	.21852	11.687	.43823	.35157	2.4319	5.7259	.69295

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21532	1.8911	5.565	1.3501	1.5971	.07819
Stddev	.00249	.0122	.006	.0001	.2251	.98738
%RSD	1.1560	.64536	.1022	.00489	14.094	1262.8

#1	.21356	1.8825	5.569	1.3501	1.7563	-.62000
#2	.21708	1.8997	5.561	1.3500	1.4380	.77637

Sample Name: J4980-13A Acquired: 9/24/2018 14:03:20 Type: Unk
Method: P4-ICP2(v2452) 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	1992.0	45954.	3759.3	93.105	3269.8
Stddev	3.1	101.	19.8	1.473	3.0
%RSD	.15392	.22003	.52719	1.5821	.09312
#1	1994.2	46026.	3773.3	94.146	3272.0
#2	1989.9	45883.	3745.3	92.063	3267.7

Sample Name: J5061-14LX5 Acquired: 9/24/2018 20:26:28 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7475 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00046	-.00213	.00388	-.00385	.02947	.00977	.00000
Stddev	.00119	.00005	.00109	.00682	.00016	.01263	.00016	.00005
%RSD	114.06	10.565	51.063	175.49	4.1107	42.852	1.6332	1179.7

#1	.00189	-.00049	-.00136	-.00094	-.00397	.02054	.00989	-.00003
#2	.00020	-.00042	-.00290	.00870	-.00374	.03840	.00966	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	28.585	.02363	.00036	-.00001	.07030	.00171	-.00869
Stddev	.00004	.113	.00083	.00002	.00047	.00804	.00001	.02459
%RSD	31.281	.39363	3.5128	6.2976	4506.8	11.440	.45948	282.92

#1	.00010	28.506	.02421	.00034	-.00035	.06461	.00170	.00870
#2	.00016	28.665	.02304	.00038	.00032	.07598	.00171	-.02608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	.00001	52.948	.00006	.00592	.61871	.00234	.00204
Stddev	.00036	.00014	.100	.00041	.00017	.01023	.00005	.00781
%RSD	3.8658	2044.9	.18928	690.77	2.8139	1.6531	2.3416	383.11

#1	.00951	.00010	52.878	.00035	.00581	.62594	.00238	-.00348
#2	.00900	-.00009	53.019	-.00023	.00604	.61148	.00230	.00756

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39220	.11048	.00069	.00015	-.01594	-.0000	.18559	.01550
Stddev	.00481	.00126	.00110	.00203	.00079	.0013	.00025	.02457
%RSD	1.2264	1.1434	159.83	1335.2	4.9648	508500.	.13542	158.48

#1	.39560	.10959	.00147	-.00128	-.01650	.0009	.18541	.03287
#2	.38880	.11137	-.00009	.00158	-.01538	-.0009	.18576	-.00187

Sample Name: J5061-14LX5 Acquired: 9/24/2018 20:26:28 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7475 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7720
Stddev	.0613
%RSD	3.4594

#1	1.8153
#2	1.7286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.0	48995.	4000.8	99.976	3487.0
Stddev	7.7	108.	15.5	1.319	9.6
%RSD	.35425	.22007	.38657	1.3194	.27672

#1	2161.5	48919.	4011.7	100.91	3480.2
#2	2172.4	49071.	3989.9	99.043	3493.8

Sample Name: CCV03 Acquired: 9/24/2018 14:11:12 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0781	5.0878	4.9972	5.1507	5.1264	10.565	10.464	.25578
Stddev	.0097	.0122	.0128	.0070	.0106	.065	.010	.00058
%RSD	.19143	.23940	.25676	.13510	.20760	.61899	.09800	.22702
#1	5.0850	5.0964	5.0063	5.1556	5.1189	10.611	10.472	.25537
#2	5.0713	5.0792	4.9881	5.1458	5.1340	10.519	10.457	.25619
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4995	25.912	1.0104	2.4363	1.2599	5.0830	2.5538	25.621
Stddev	.0084	.065	.0004	.0104	.0001	.0869	.0003	.084
%RSD	.33798	.25052	.03956	.42629	.00640	1.7105	.01218	.32811
#1	2.5055	25.866	1.0101	2.4437	1.2600	5.1444	2.5540	25.562
#2	2.4935	25.958	1.0107	2.4290	1.2599	5.0215	2.5536	25.681
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5082	1.2618	25.701	2.5415	2.5294	25.919	5.1715	5.1996
Stddev	.0101	.0015	.018	.0049	.0261	.128	.0033	.0469
%RSD	.40185	.11914	.06823	.19396	1.0310	.49475	.06347	.90198
#1	2.5153	1.2629	25.689	2.5450	2.5479	25.828	5.1738	5.1664
#2	2.5010	1.2607	25.714	2.5380	2.5110	26.009	5.1691	5.2327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0508	4.9075	5.0386	5.1480	4.6745	5.148	5.1573	F 2.4810
Stddev	.0362	.0292	.0186	.0019	.0044	.010	.0043	.5851
%RSD	.71674	.59478	.36990	.03601	.09422	.1943	.08335	23.585
#1	5.0764	4.8869	5.0517	5.1493	4.6776	5.155	5.1542	2.0673
#2	5.0252	4.9282	5.0254	5.1467	4.6714	5.141	5.1603	2.8948

Sample Name: CCV03 Acquired: 9/24/2018 14:11:12 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8280
Stddev .3868
%RSD 10.104

#1 4.1015
#2 3.5545

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.0	45168.	3751.4	92.770	3094.2
Stddev	3.0	80.	29.3	1.019	13.4
%RSD	.14910	.17713	.78179	1.0985	.43277

#1	2001.9	45112.	3772.2	92.049	3084.7
#2	2006.2	45225.	3730.7	93.490	3103.7

Sample Name: CCB03 Acquired: 9/24/2018 14:14:55 Type: Unk
Method: P4-ICP2(v2452) 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	-.00000	.00204	-.00064	-.00214	-.00234	.00682	-.00041
Stddev	.00009	.00006	.00051	.00255	.00061	.00009	.00014
%RSD	19022.	2.8958	78.843	119.27	26.181	1.3503	34.407

#1	.00006	.00200	-.00028	-.00033	-.00191	.00688	-.00031
#2	-.00006	.00208	-.00100	-.00394	-.00278	.00675	-.00051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00014	-.00893	-.00019	-.00014	-.00006	.00393
Stddev	.00007	.00005	.02309	.00001	.00016	.00006	.00063
%RSD	130.54	36.128	258.51	5.9212	108.50	94.969	16.006

#1	-.00000	.00018	.00739	-.00020	-.00025	-.00002	.00438
#2	-.00010	.00011	-.02525	-.00018	-.00003	-.00011	.00349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.02525	.00004	-.00004	-.38063	-.00033	-.00049
Stddev	.00002	.07130	.00007	.00003	.00473	.00012	.00009
%RSD	24.803	282.41	161.83	68.171	1.2416	35.555	18.521

#1	-.00012	-.02517	-.00001	-.00006	-.37729	-.00041	-.00042
#2	-.00008	.07567	.00009	-.00002	-.38398	-.00024	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08408	.00015	.00829	-.00381	-.00419	-.00063	-.00160
Stddev	.00355	.00017	.00491	.00065	.00144	.00041	.00048
%RSD	4.2247	113.74	59.247	17.099	34.412	65.665	30.349

#1	-.08157	.00027	.01176	-.00427	-.00521	-.00034	-.00125
#2	-.08660	.00003	.00481	-.00335	-.00317	-.00092	-.00194

Sample Name: CCB03 Acquired: 9/24/2018 14:14:55 Type: Unk
 Method: P4-ICP2(v2452) 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 -.02070	-.0004	-.00004	F<.00000	F 1.0496
Stddev	.00622	.0005	.00001	.42644	.1681
%RSD	30.038	124.7	19.526	38.257	16.015

#1	-.01631	-.0008	-.00003	-.81314	.93076
#2	-.02510	-.0001	-.00004	-1.4162	1.1685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.5	47394.	3796.1	94.708	3495.7
Stddev	1.4	106.	4.3	.837	11.1
%RSD	.06678	.22406	.11219	.88406	.31799

#1	2077.5	47319.	3793.1	94.116	3487.8
#2	2079.4	47469.	3799.1	95.300	3503.5

Sample Name: CCB13 Acquired: 9/24/2018 22:15:19 Type: Unk
Method: P4-ICP2(v2452) 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	.00204	-.00323	-.00009	-.00069	.01089	-.00100
Stddev	.00303	.00141	.00065	.00238	.00032	.00304	.00023
%RSD	230.85	68.856	20.275	2533.9	45.808	27.959	23.518

#1	.00346	.00304	-.00369	-.00178	-.00047	.01304	-.00116
#2	-.00083	.00105	-.00277	.00159	-.00092	.00874	-.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00021	-.01344	-.00029	.00014	-.00035	.00145
Stddev	.00003	.00012	.00614	.00039	.00006	.00007	.00267
%RSD	307.71	58.488	45.679	138.56	44.631	18.846	184.03

#1	-.00003	.00029	-.00910	-.00001	.00018	-.00040	-.00044
#2	.00001	.00012	-.01778	-.00056	.00009	-.00030	.00334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.01102	.00086	.00032	-.44437	.00067	-.00078
Stddev	.00004	.01276	.00017	.00004	.00378	.00040	.00000
%RSD	29.777	115.78	20.370	12.085	.84980	59.317	.59814

#1	-.00016	.00200	.00098	.00035	-.44170	.00039	-.00078
#2	-.00011	.02004	.00073	.00029	-.44704	.00095	-.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07398	.00095	.00145	-.00313	-.00300	-.00129	-.00243
Stddev	.03235	.00024	.00290	.00443	.00364	.00009	.00051
%RSD	43.722	25.624	199.35	141.45	121.48	7.2315	21.114

#1	-.09685	.00112	.00350	-.00626	-.00042	-.00122	-.00207
#2	-.05111	.00077	-.00060	.00000	-.00558	-.00135	-.00279

Sample Name: CCB13 Acquired: 9/24/2018 22:15:19 Type: Unk
 Method: P4-ICP2(v2452) 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 -.03402	-.0024	.00001	F<.00000	F .90451
Stddev	.00960	.0014	.00004	.46501	.19003
%RSD	28.215	57.55	430.77	14.109	21.009

#1	-.04081	-.0014	-.00002	-2.9670	1.0389
#2	-.02723	-.0034	.00004	-3.6246	.77013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.9	51189.	4043.8	103.30	3773.8
Stddev	11.4	162.	39.7	2.12	14.3
%RSD	.50833	.31728	.98176	2.0483	.37874

#1	2229.8	51074.	4015.8	101.81	3763.7
#2	2245.9	51304.	4071.9	104.80	3783.9

Sample Name: J4958-01 Acquired: 9/24/2018 14:18:58 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00164	-.00081	-.00042	.00405	-.00280	.04549	.13739	-.00003
Stddev	.00063	.00038	.00018	.00037	.00109	.00414	.00012	.00007
%RSD	38.276	47.011	42.854	9.2197	38.894	9.1036	.08891	221.42

#1	.00120	-.00108	-.00054	.00379	-.00357	.04256	.13730	-.00008
#2	.00209	-.00054	-.00029	.00432	-.00203	.04842	.13747	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	44.526	.09482	.00110	.01290	.01698	.00968	15.651
Stddev	.00005	.125	.00026	.00022	.00005	.00198	.00005	.077
%RSD	38.461	.28103	.27355	20.414	.41085	11.652	.46645	.49161

#1	-.00018	44.438	.09500	.00126	.01294	.01558	.00965	15.706
#2	-.00010	44.615	.09464	.00094	.01287	.01838	.00971	15.597

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	.00020	125.44	-.00030	.02361	3.4623	.00002	.05003
Stddev	.00005	.00060	.05	.00052	.00029	.0059	.00024	.00612
%RSD	2.9209	296.23	.03809	176.84	1.2207	.17052	1152.6	12.242

#1	.00174	-.00022	125.47	-.00067	.02340	3.4665	.00019	.05436
#2	.00167	.00063	125.40	.00007	.02381	3.4581	-.00015	.04570

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7190	5.7089	.00113	.00022	-.00739	.0021	.39131	2.6414
Stddev	.0196	.0026	.00014	.00052	.00070	.0000	.00067	.5398
%RSD	.52779	.04508	11.955	233.39	9.4568	1.291	.17016	20.438

#1	3.7329	5.7107	.00123	-.00014	-.00689	.0021	.39084	3.0231
#2	3.7052	5.7071	.00104	.00059	-.00788	.0021	.39179	2.2596

Sample Name: J4958-01 Acquired: 9/24/2018 14:18:58 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2788
 Stddev .7890
 %RSD 61.702

#1 .72085
 #2 1.8367

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.5	44827.	3771.8	92.179	3098.0
Stddev	6.3	106.	16.2	1.354	13.4
%RSD	.32521	.23601	.42992	1.4691	.43098

#1	1940.1	44752.	3760.4	93.137	3088.6
#2	1949.0	44902.	3783.3	91.222	3107.4

Sample Name: J4958-01DUP Acquired: 9/24/2018 14:23:00 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00107	-.00172	.00077	.00391	-.00387	.04696	.13967	-.00002
Stddev	.00291	.00128	.00132	.00316	.00005	.00028	.00123	.00006
%RSD	272.74	74.340	171.80	80.781	1.3905	.60290	.87972	291.86

#1	.00312	-.00081	-.00017	.00614	-.00391	.04716	.14054	.00002
#2	-.00099	-.00262	.00170	.00168	-.00384	.04676	.13880	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	44.763	.09488	.00129	.01318	.01790	.00982	15.679
Stddev	.00017	.135	.00066	.00002	.00046	.00574	.00007	.043
%RSD	220.11	.30074	.69507	1.3556	3.4664	32.092	.75138	.27708

#1	.00004	44.668	.09534	.00130	.01350	.02196	.00977	15.648
#2	-.00020	44.858	.09441	.00128	.01286	.01384	.00987	15.709

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.00000	126.37	.00042	.02312	3.4537	-.00017	.03859
Stddev	.00014	.00048	.21	.00035	.00043	.0207	.00006	.02143
%RSD	10.129	15868.	.16887	85.232	1.8562	.59833	38.868	55.536

#1	.00150	.00034	126.52	.00017	.02342	3.4683	-.00012	.02344
#2	.00130	-.00033	126.22	.00067	.02282	3.4391	-.00021	.05374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7911	5.7043	.00084	-.00057	-.00216	.0014	.39289	3.6819
Stddev	.0034	.0637	.00071	.00024	.00433	.0005	.00009	.2297
%RSD	.08939	1.1171	85.140	42.181	201.10	33.26	.02326	6.2380

#1	3.7887	5.7494	.00134	-.00074	-.00522	.0011	.39283	3.8443
#2	3.7935	5.6593	.00033	-.00040	.00091	.0017	.39296	3.5195

Sample Name: J4958-01DUP Acquired: 9/24/2018 14:23:00 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3312
Stddev .4264
%RSD 32.031

#1 1.0297
#2 1.6327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.4	44405.	3743.1	94.089	3082.1
Stddev	.6	65.	14.1	1.547	1.9
%RSD	.03248	.14633	.37607	1.6444	.06288

#1	1942.9	44451.	3733.1	92.995	3083.5
#2	1942.0	44360.	3753.0	95.183	3080.7

Sample Name: J4958-01LX5 Acquired: 9/24/2018 14:27:01 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00193	.00087	-.00031	.00002	-.00035	.01190	.02910	-.00007
Stddev	.00048	.00035	.00094	.00102	.00075	.00068	.00024	.00006
%RSD	25.110	40.323	307.12	6645.6	212.22	5.7361	.82838	81.556

#1	.00227	.00062	-.00098	-.00071	-.00089	.01238	.02893	-.00011
#2	.00159	.00112	.00036	.00074	.00018	.01142	.02927	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	9.5839	.02021	.00037	.00282	.00681	.00190	3.3553
Stddev	.00003	.0410	.00012	.00008	.00013	.00651	.00001	.1173
%RSD	22.024	.42806	.61728	21.245	4.7504	95.635	.29780	3.4955

#1	.00010	9.5549	.02030	.00043	.00272	.01142	.00191	3.2724
#2	.00013	9.6129	.02012	.00032	.00291	.00220	.00190	3.4383

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00014	25.962	.00021	.00321	.67861	-.00009	.01014
Stddev	.00018	.00013	.049	.00003	.00006	.00312	.00005	.01605
%RSD	31.783	89.560	.18940	11.905	1.7521	.45932	56.683	158.23

#1	.00068	-.00023	25.927	.00023	.00317	.68082	-.00006	.02149
#2	.00043	-.00005	25.996	.00019	.00325	.67641	-.00013	-.00121

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77632	1.2567	-.00112	.00119	-.00804	-.0015	.08350	1.5393
Stddev	.00397	.0105	.00035	.00250	.01035	.0027	.00051	.4754
%RSD	.51078	.83546	31.412	210.92	128.65	178.7	.60627	30.883

#1	.77351	1.2493	-.00137	-.00058	-.01536	-.0034	.08386	1.8754
#2	.77912	1.2641	-.00087	.00295	-.00073	.0004	.08315	1.2031

Sample Name: J4958-01LX5 Acquired: 9/24/2018 14:27:01 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.89539
Stddev	.24698
%RSD	27.584

#1	.72075
#2	1.0700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.3	45481.	3706.5	92.300	3274.0
Stddev	.0	42.	3.5	1.571	1.8
%RSD	.00161	.09209	.09350	1.7019	.05499

#1	2002.3	45452.	3708.9	93.411	3275.3
#2	2002.3	45511.	3704.0	91.190	3272.7

Sample Name: J4958-01MSD Acquired: 9/24/2018 14:34:55 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.70705	1.6805	.83912	1.7400	.67939	1.7317	.31876	.16919	.17030
Stddev	.00438	.0102	.00741	.0077	.00291	.0217	.00021	.00032	.00125
%RSD	.62011	.60690	.88298	.44106	.42848	1.2544	.06511	.18792	.73291

#1	.71015	1.6877	.84436	1.7454	.68144	1.7471	.31891	.16897	.17118
#2	.70395	1.6733	.83388	1.7346	.67733	1.7163	.31861	.16942	.16941

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.244	.44094	.16142	.26349	2.5961	.18305	17.745	.41248	.06140
Stddev	.149	.00152	.00157	.00194	.0138	.00001	.164	.00212	.00017
%RSD	.32168	.34381	.97303	.73705	.53111	.00814	.92417	.51381	.27883

#1	46.139	.43987	.16253	.26486	2.5863	.18303	17.629	.41398	.06152
#2	46.349	.44201	.16031	.26212	2.6058	.18306	17.861	.41098	.06128

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	131.09	.26340	.18705	12.350	.35786	.31251	3.8393	6.5346	.57681
Stddev	.85	.00082	.00434	.038	.00379	.02246	.0542	.0641	.00351
%RSD	.64681	.31081	2.3189	.30695	1.0577	7.1862	1.4115	.98159	.60818

#1	130.49	.26398	.18398	12.323	.36053	.32839	3.8776	6.4892	.57929
#2	131.69	.26282	.19012	12.376	.35518	.29663	3.8009	6.5800	.57433

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17394	1.5341	4.892	.56898	2.8771	1.1344
Stddev	.00008	.0034	.047	.00378	.2029	.3188
%RSD	.04806	.22240	.9652	.66361	7.0540	28.107

#1	.17388	1.5365	4.926	.56631	2.7336	.90891
#2	.17400	1.5317	4.859	.57165	3.0206	1.3598

Sample Name: J4958-01MSD Acquired: 9/24/2018 14:34:55 Type: Unk
Method: P4-ICP2(v2452) 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	1923.8	44601.	3769.0	93.077	3042.6
Stddev	22.3	99.	25.8	1.990	36.9
%RSD	1.1577	.22245	.68529	2.1386	1.2112
#1	1908.0	44531.	3787.3	94.485	3016.6
#2	1939.5	44671.	3750.7	91.670	3068.7

Sample Name: J4958-01A Acquired: 9/24/2018 14:38:46 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.71575	1.7142	.84360	1.7745	.68653	1.7481	.32636	.17114	.17189
Stddev	.00072	.0055	.00024	.0007	.00200	.0060	.00135	.00151	.00021
%RSD	.10030	.32113	.02875	.04149	.29203	.34506	.41229	.88037	.12441

#1	.71626	1.7180	.84377	1.7750	.68512	1.7523	.32732	.17221	.17174
#2	.71524	1.7103	.84343	1.7740	.68795	1.7438	.32541	.17008	.17204

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.446	.44274	.16323	.26471	2.6495	.18477	18.014	.41597	.06152
Stddev	.092	.00120	.00032	.00045	.0391	.00063	.119	.00117	.00043
%RSD	.19317	.27052	.19732	.16824	1.4757	.34074	.66039	.28211	.69153

#1	47.381	.44190	.16345	.26440	2.6772	.18521	18.098	.41680	.06182
#2	47.510	.44359	.16300	.26503	2.6219	.18432	17.930	.41514	.06122

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	133.94	.26566	.19144	12.644	.36024	.30146	3.9133	6.7035	.58299
Stddev	.04	.00093	.00520	.027	.00008	.01320	.0025	.0008	.00020
%RSD	.02962	.34881	2.7161	.21336	.02143	4.3798	.06406	.01131	.03471

#1	133.91	.26632	.19512	12.663	.36018	.31080	3.9116	6.7040	.58313
#2	133.97	.26501	.18777	12.625	.36029	.29212	3.9151	6.7030	.58285

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17822	1.5700	4.980	.57676	3.5669	1.6123
Stddev	.00288	.0004	.003	.00008	.0530	.1849
%RSD	1.6139	.02295	.0644	.01376	1.4868	11.466

#1	.17619	1.5703	4.978	.57682	3.6044	1.7430
#2	.18026	1.5698	4.983	.57671	3.5294	1.4816

Sample Name: J4958-01A Acquired: 9/24/2018 14:38:46 Type: Unk
Method: P4-ICP2(v2452) 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	1927.2	44225.	3695.0	91.588	3035.9
Stddev	7.1	280.	21.4	2.863	14.5
%RSD	.37066	.63330	.57821	3.1261	.47724
#1	1922.1	44027.	3679.8	89.564	3025.7
#2	1932.2	44423.	3710.1	93.613	3046.2

Sample Name: PB113144BL Acquired: 9/24/2018 14:42:38 Type: Unk
Method: P4-ICP2(v2452) 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	-.00036	-.00021	.00237	-.00215	.00580	-.00052
Stddev	.00046	.00159	.00069	.00406	.00050	.00040	.00056
%RSD	20.462	434.67	328.56	171.39	23.074	6.9686	107.91

#1	-.00193	.00076	.00028	-.00050	-.00250	.00608	-.00012
#2	-.00258	-.00149	-.00069	.00524	-.00180	.00551	-.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00013	-.01270	.00017	-.00008	-.00022	.00793
Stddev	.00003	.00009	.00356	.00002	.00011	.00028	.00169
%RSD	48.153	68.371	28.042	9.9816	147.56	127.87	21.318

#1	-.00004	.00007	-.01521	.00016	.00000	-.00002	.00912
#2	-.00008	.00020	-.01018	.00018	-.00016	-.00042	.00673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.04027	.00018	.00021	-.36278	.00011	-.00050
Stddev	.00011	.05508	.00002	.00000	.00043	.00035	.00003
%RSD	110.06	136.78	11.858	1.3711	.11908	309.46	5.2150

#1	-.00002	-.07922	.00016	.00020	-.36308	.00036	-.00052
#2	-.00018	-.00132	.00019	.00021	-.36247	-.00013	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09099	-.00015	-.00890	-.00277	-.00328	-.00124	-.00104
Stddev	.01807	.00033	.00758	.00185	.00012	.00022	.00029
%RSD	19.860	222.71	85.097	66.743	3.7633	17.758	27.772

#1	-.10377	-.00038	-.01426	-.00407	-.00319	-.00139	-.00125
#2	-.07821	.00009	-.00355	-.00146	-.00336	-.00108	-.00084

Sample Name: PB113144BL Acquired: 9/24/2018 14:42:38 Type: Unk
Method: P4-ICP2(v2452) 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 -.02694	-.0028	-.00016	F<.00000	F 1.0647
Stddev	.01590	.0017	.00001	.06102	.2113
%RSD	59.035	62.24	5.6685	5.8915	19.849

#1	-.01569	-.0040	-.00016	-1.0789	1.2141
#2	-.03819	-.0016	-.00015	-.99264	.91527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.7	47677.	3837.1	96.338	3520.2
Stddev	3.1	48.	37.2	3.320	2.2
%RSD	.14871	.10138	.96899	3.4464	.06268

#1	2099.9	47642.	3810.8	93.990	3518.6
#2	2095.5	47711.	3863.4	98.686	3521.7

Sample Name: PB113144BS Acquired: 9/24/2018 14:46:43 Type: Unk
Method: P4-ICP2(v2452) 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	F .36233	F .91389	F .43821	F .90255	F .35274	F .72503	F .08551
Stddev	.00898	.03017	.01551	.02908	.01042	.00455	.00128
%RSD	2.4791	3.3009	3.5400	3.2216	2.9529	.62763	1.4933

#1	.35598	.89256	.42724	.88199	.34537	.72181	.08460
#2	.36869	.93523	.44917	.92311	.36010	.72824	.08641

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08036	F .08724	F .42679	F .17232	F .08329	F .13377	F 1.2888
Stddev	.00135	.00285	.02352	.00230	.00284	.00413	.0145
%RSD	1.6842	3.2720	5.5103	1.3322	3.4137	3.0846	1.1267

#1	.07940	.08522	.41016	.17069	.08128	.13085	1.2785
#2	.08132	.08926	.44342	.17394	.08530	.13668	1.2990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .08839	F .81954	F .21618	F .03013	F .90935	F .12911	F .09384
Stddev	.00127	.01935	.00672	.00057	.00450	.00187	.00322
%RSD	1.4331	2.3611	3.1071	1.8834	.49492	1.4472	3.4325

#1	.08749	.83323	.21143	.02973	.90617	.12778	.09157
#2	.08929	.80586	.22093	.03053	.91254	.13043	.09612

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.0654	F .19155	F .10832	F -.00327	F .37295	F .29584	F .08253
Stddev	.0242	.00541	.01021	.00172	.00720	.01001	.00268
%RSD	.59463	2.8223	9.4217	52.435	1.9318	3.3837	3.2487

#1	4.0483	.18773	.11553	-.00449	.36785	.28876	.08064
#2	4.0825	.19537	.10110	-.00206	.37804	.30292	.08443

Sample Name: PB113144BS Acquired: 9/24/2018 14:46:43 Type: Unk
Method: P4-ICP2(v2452) 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 .72619	F 2.333	F .08184	F<.00000	.75464
Stddev	.00511	.078	.00083	.44673	.67636
%RSD	.70387	3.347	1.0174	247.93	89.626

#1	.72258	2.278	.08125	-.49607	.27639
#2	.72981	2.388	.08243	.13570	1.2329

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.7	47084.	3792.5	93.449	3414.2
Stddev	4.6	91.	14.1	.255	2.2
%RSD	.22839	.19392	.37247	.27286	.06506

#1	2025.4	47148.	3802.5	93.630	3415.7
#2	2031.9	47019.	3782.5	93.269	3412.6

Sample Name: PB113146BL Acquired: 9/24/2018 14:50:42 Type: Unk
Method: P4-ICP2(v2452) 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	-.00041	.00132	-.00160	.00115	-.00084	.00481	-.00025
Stddev	.00100	.00023	.00044	.00266	.00179	.00512	.00028
%RSD	243.04	17.314	27.211	232.51	213.67	106.41	110.71

#1	-.00112	.00148	-.00130	.00303	-.00210	.00119	-.00005
#2	.00030	.00116	-.00191	-.00074	.00043	.00843	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00009	-.00663	.00040	.00008	.00012	.00574
Stddev	.00006	.00006	.00215	.00012	.00019	.00055	.00091
%RSD	143.20	64.943	32.499	30.040	232.90	443.83	15.776

#1	-.00008	.00005	-.00815	.00032	.00022	.00051	.00510
#2	.00000	.00013	-.00510	.00049	-.00005	-.00027	.00638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.01667	.00006	.00045	-.38539	-.00022	-.00052
Stddev	.00000	.00514	.00005	.00001	.00330	.00068	.00004
%RSD	3.5808	30.840	82.400	1.5332	.85629	313.82	7.5964

#1	-.00009	-.02030	.00003	.00045	-.38772	.00027	-.00049
#2	-.00010	-.01303	.00010	.00046	-.38305	-.00070	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07485	-.00006	-.00568	-.00135	-.00538	-.00038	-.00221
Stddev	.01534	.00040	.01053	.00203	.00057	.00090	.00115
%RSD	20.491	675.49	185.36	150.52	10.583	236.43	51.907

#1	-.06400	-.00034	-.01313	-.00279	-.00579	.00026	-.00302
#2	-.08569	.00023	.00176	.00009	-.00498	-.00102	-.00140

Sample Name: PB113146BL Acquired: 9/24/2018 14:50:42 Type: Unk
 Method: P4-ICP2(v2452) 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 -.01146	-.0014	-.00012	F<.00000	F .83795
Stddev	.00557	.0003	.00003	.34448	.45334
%RSD	48.641	24.73	23.340	45.509	54.101

#1	-.01540	-.0012	-.00014	-.51336	.51739
#2	-.00752	-.0017	-.00010	-1.0005	1.1585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.3	47621.	3850.8	96.281	3517.4
Stddev	3.6	175.	17.6	.542	4.4
%RSD	.17119	.36671	.45606	.56250	.12636

#1	2086.8	47497.	3838.4	95.898	3514.3
#2	2091.8	47744.	3863.2	96.664	3520.6

Sample Name: PB113146BS Acquired: 9/24/2018 14:54:47 Type: Unk
Method: P4-ICP2(v2452) 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	F -.00236	F -.00034	F -.00278	F -.00130	F -.00180	F .01624	F -.00125
Stddev	.00114	.00131	.00049	.00259	.00047	.00351	.00014
%RSD	48.376	381.33	17.653	198.67	26.006	21.587	11.291

#1	-.00155	-.00127	-.00312	-.00313	-.00147	.01872	-.00115
#2	-.00316	.00058	-.00243	.00053	-.00213	.01376	-.00135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00006	F .00014	F -.02339	F .00135	F -.00011	F -.00025	F .01208
Stddev	.00007	.00006	.00757	.00027	.00022	.00094	.00368
%RSD	113.59	43.286	32.338	19.642	198.63	372.73	30.462

#1	-.00011	.00010	-.01804	.00116	-.00026	.00041	.00947
#2	-.00001	.00019	-.02874	.00154	.00004	-.00091	.01468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.00017	F -.00447	F .00040	F -.00005	F -.38784	F -.00011	F .00062
Stddev	.00011	.00763	.00003	.00023	.00453	.00042	.00010
%RSD	61.012	170.85	6.5371	483.77	1.1676	364.57	16.037

#1	-.00010	.00093	.00042	.00011	-.39104	.00018	.00055
#2	-.00025	-.00987	.00039	-.00021	-.38464	-.00041	.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.06947	F -.00021	F -.00152	F -.00609	F -.00276	F -.00047	F -.00007
Stddev	.00098	.00032	.00336	.00012	.00025	.00014	.00284
%RSD	1.4036	153.05	221.25	2.0351	9.1110	29.098	4286.0

#1	-.07016	-.00044	.00086	-.00617	-.00294	-.00037	-.00208
#2	-.06878	.00002	-.00389	-.00600	-.00258	-.00056	.00194

Sample Name: PB113146BS Acquired: 9/24/2018 14:54:47 Type: Unk
Method: P4-ICP2(v2452) 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 -.01668	F -.0016	F -.00001	F<.00000	F 1.0342
Stddev	.00389	.0007	.00000	.27326	.2511
%RSD	23.329	41.74	4.2789	870.23	24.279

#1	-.01943	-.0011	-.00001	-.22462	.85662
#2	-.01393	-.0021	-.00001	.16182	1.2117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.2	47004.	3824.6	94.165	3469.0
Stddev	1.7	12.	14.8	.064	.3
%RSD	.08457	.02583	.38801	.06827	.00768

#1	2034.0	47013.	3835.1	94.211	3468.9
#2	2036.4	46995.	3814.1	94.120	3469.2

Sample Name: CCV04 Acquired: 9/24/2018 14:58:51 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0511	5.0594	5.0154	5.1135	5.1142	10.495	10.414	.25620
Stddev	.0071	.0017	.0171	.0199	.0019	.034	.007	.00116
%RSD	.14073	.03256	.34200	.38917	.03622	.32480	.06328	.45082
#1	5.0562	5.0606	5.0275	5.1275	5.1155	10.471	10.419	.25702
#2	5.0461	5.0582	5.0033	5.0994	5.1128	10.519	10.410	.25539
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5057	25.929	1.0209	2.4274	1.2615	5.1980	2.5484	25.688
Stddev	.0032	.118	.0027	.0057	.0021	.0628	.0043	.079
%RSD	.12717	.45450	.26362	.23354	.16820	1.2088	.16875	.30732
#1	2.5079	25.845	1.0228	2.4314	1.2630	5.1536	2.5514	25.744
#2	2.5034	26.012	1.0190	2.4234	1.2600	5.2424	2.5454	25.633
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5116	1.2746	25.640	2.5591	2.5732	25.734	5.1836	5.2065
Stddev	.0046	.0014	.009	.0060	.0200	.048	.0104	.0381
%RSD	.18261	.10948	.03342	.23548	.77753	.18571	.20027	.73217
#1	2.5149	1.2756	25.634	2.5548	2.5590	25.701	5.1909	5.1795
#2	2.5084	1.2736	25.646	2.5633	2.5873	25.768	5.1762	5.2334
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0084	4.9779	5.0443	5.1948	4.6124	5.158	5.1727	F .96685
Stddev	.0106	.0025	.0066	.0290	.0174	.014	.0069	.30985
%RSD	.21243	.04970	.13118	.55825	.37651	.2787	.13328	32.047
#1	5.0159	4.9796	5.0490	5.1742	4.6002	5.147	5.1776	.74776
#2	5.0009	4.9761	5.0396	5.2153	4.6247	5.168	5.1678	1.1859

Sample Name: CCV04 Acquired: 9/24/2018 14:58:51 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6246
Stddev .0458
%RSD 1.2635

#1 3.5922
#2 3.6570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.5	45813.	3785.6	92.098	3114.7
Stddev	5.4	.	9.1	.528	9.4
%RSD	.26804	.00065	.24126	.57356	.30225

#1	2011.7	45813.	3779.2	92.471	3108.1
#2	2019.3	45813.	3792.1	91.724	3121.4

Sample Name: CCB04 Acquired: 9/24/2018 15:02:34 Type: Unk
Method: P4-ICP2(v2452) 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	.00172	.00041	-.00245	-.00142	-.00192	.00648	-.00017
Stddev	.00185	.00007	.00057	.00424	.00118	.00295	.00084
%RSD	107.59	17.114	23.129	299.56	61.617	45.594	488.73

#1	.00041	.00036	-.00285	-.00441	-.00275	.00857	.00042
#2	.00302	.00046	-.00205	.00158	-.00108	.00439	-.00077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00019	-.00537	.00002	-.00002	-.00031	-.00017
Stddev	.00005	.00007	.01408	.00004	.00018	.00049	.00612
%RSD	70.193	35.531	262.30	175.32	870.84	159.11	3598.4

#1	-.00011	.00024	-.01532	-.00001	.00011	-.00065	.00416
#2	-.00004	.00014	.00459	.00005	-.00015	.00004	-.00450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00226	.00056	-.00001	-.40393	.00011	-.00051
Stddev	.00006	.02477	.00009	.00025	.00873	.00068	.00008
%RSD	137.67	1097.8	15.826	1677.9	2.1615	599.71	15.580

#1	-.00000	.01526	.00062	-.00019	-.41010	.00060	-.00045
#2	-.00008	-.01977	.00050	.00016	-.39776	-.00037	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10702	.00028	-.00616	-.00619	-.00251	-.00052	.00123
Stddev	.00218	.00017	.00272	.00252	.00186	.00009	.00037
%RSD	2.0355	62.860	44.235	40.811	74.100	17.389	30.134

#1	-.10548	.00040	-.00423	-.00797	-.00119	-.00058	.00149
#2	-.10856	.00015	-.00808	-.00440	-.00382	-.00045	.00096

Sample Name: CCB04 Acquired: 9/24/2018 15:02:34 Type: Unk
Method: P4-ICP2(v2452) 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 -.03733	.0015	-.00003	F<.00000	F 1.4218
Stddev	.00068	.0005	.00004	.52352	.3842
%RSD	1.8347	30.69	128.99	24.871	27.023

#1	-.03782	.0018	-.00000	-2.4751	1.1501
#2	-.03685	.0012	-.00006	-1.7347	1.6934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.1	48028.	3845.9	97.373	3563.2
Stddev	6.2	99.	15.6	.638	6.6
%RSD	.29460	.20689	.40533	.65521	.18610

#1	2110.7	47958.	3856.9	97.824	3558.5
#2	2119.5	48099.	3834.9	96.922	3567.9

Sample Name: PB113146TB Acquired: 9/24/2018 15:06:38 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	-.00274	-.00343	-.00141	.00269	-.00058	.01193	-.00209	-.00014
Stddev	.00028	.00281	.00113	.00253	.00029	.00747	.00009	.00010
%RSD	10.293	82.080	80.107	94.026	49.759	62.662	4.2759	71.290
#1	-.00254	-.00541	-.00061	.00449	-.00078	.00664	-.00203	-.00021
#2	-.00294	-.00144	-.00221	.00090	-.00037	.01721	-.00216	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.09806	.00131	-.00029	.00014	.00280	.00008	-.02336
Stddev	.00014	.00466	.00003	.00013	.00007	.00661	.00001	.03734
%RSD	2833.9	4.7526	2.1175	44.705	49.781	236.29	15.481	159.86
#1	-.00010	.09476	.00129	-.00038	.00019	.00747	.00007	.00305
#2	.00011	.10135	.00133	-.00020	.00009	-.00188	.00009	-.04976
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00022	F 324.48	-.00034	F .02139	-.03063	.00008	.00305
Stddev	.00002	.00025	1.67	.00047	.00039	.01327	.00018	.00588
%RSD	3.6521	114.25	.51533	138.27	1.8280	43.314	227.12	192.46
#1	.00063	-.00004	323.30	-.00067	.02111	-.04001	-.00005	-.00110
#2	.00066	-.00039	325.67	-.00001	.02167	-.02125	.00021	.00721
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	.00383	.00095	-.00043	-.03164	.0011	-.00002	F 2.7105
Stddev	.00102	.00105	.00012	.00100	.01209	.0007	.00001	.7541
%RSD	84.132	27.525	12.346	231.79	38.210	64.53	32.614	27.820
#1	.00194	.00308	.00103	.00027	-.04019	.0017	-.00002	2.1773
#2	.00049	.00457	.00087	-.00114	-.02309	.0006	-.00001	3.2437

Sample Name: PB113146TB Acquired: 9/24/2018 15:06:38 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3682
Stddev .4346
%RSD 18.351

#1 2.6755
#2 2.0609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.6	44233.	3837.2	95.089	3036.4
Stddev	9.1	72.	2.5	.867	14.4
%RSD	.47049	.16245	.06584	.91151	.47528

#1	1928.2	44284.	3835.4	95.702	3026.2
#2	1941.1	44183.	3839.0	94.476	3046.6

Sample Name: PB113114BL Acquired: 9/24/2018 15:10:46 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113114BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.00083	-.00108	-.00277	-.00158	.00703	-.00039
Stddev	.00322	.00245	.00001	.00134	.00120	.00030	.00043
%RSD	200.54	296.19	1.1692	48.431	75.850	4.2931	111.73

#1	-.00067	.00256	-.00109	-.00372	-.00073	.00682	-.00070
#2	.00389	-.00091	-.00107	-.00182	-.00243	.00724	-.00008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00006	-.01159	-.00031	.00008	-.00026	.00843
Stddev	.00006	.00008	.01456	.00017	.00018	.00005	.00071
%RSD	148.20	123.04	125.66	53.207	226.71	20.736	8.4617

#1	.00000	.00001	-.02188	-.00043	.00021	-.00029	.00893
#2	-.00009	.00012	-.00129	-.00020	-.00005	-.00022	.00793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.02560	.00066	.00016	-.34941	-.00028	-.00065
Stddev	.00004	.00911	.00011	.00001	.00221	.00048	.00005
%RSD	34.318	35.591	17.320	5.1381	.63331	169.65	8.0677

#1	-.00014	-.01915	.00074	.00017	-.34784	-.00062	-.00061
#2	-.00008	-.03204	.00058	.00016	-.35097	.00006	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06111	-.00020	-.00320	-.00120	-.00659	-.00051	-.00121
Stddev	.00911	.00000	.01002	.00215	.00018	.00134	.00116
%RSD	14.907	.24104	312.68	178.81	2.7504	259.99	95.844

#1	-.06755	-.00020	-.01029	-.00273	-.00646	-.00146	-.00203
#2	-.05467	-.00020	.00388	.00032	-.00672	.00043	-.00039

Sample Name: PB113114BL Acquired: 9/24/2018 15:10:46 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113114BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01135	.0001	-.00013	F<.00000	F 1.2217
Stddev	.00149	.0008	.00002	.42188	.2287
%RSD	13.119	900.0	19.033	30.585	18.722

#1	-.01030	.0007	-.00011	-1.0811	1.0600
#2	-.01240	-.0005	-.00015	-1.6777	1.3835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.2	48402.	3860.3	98.007	3549.8
Stddev	3.7	36.	4.1	.715	7.8
%RSD	.17741	.07505	.10541	.72968	.22059

#1	2109.5	48376.	3857.4	98.513	3544.3
#2	2114.8	48427.	3863.1	97.502	3555.4

Sample Name: PB113114BS Acquired: 9/24/2018 15:14:50 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113114BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .18380	F .45849	F .21982	F .46420	F .17971	F .38929	F .04706
Stddev	.00025	.00042	.00177	.00532	.00009	.00079	.00058
%RSD	.13470	.09083	.80633	1.1470	.05213	.20202	1.2313

#1	.18398	.45820	.21857	.46044	.17964	.38984	.04665
#2	.18363	.45879	.22107	.46797	.17977	.38873	.04747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04257	F .04384	F .25173	F .09420	F .04227	F .06712	F .70940
Stddev	.00021	.00028	.00032	.00031	.00008	.00022	.02060
%RSD	.49277	.64839	.12867	.32521	.17943	.33086	2.9034

#1	.04272	.04364	.25150	.09398	.04221	.06696	.72397
#2	.04242	.04404	.25195	.09442	.04232	.06728	.69484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04738	F .43797	F .10951	F .01620	F .33148	F .06976	F .04689
Stddev	.00015	.04244	.00075	.00063	.00007	.00051	.00054
%RSD	.31873	9.6910	.68737	3.8871	.01994	.73378	1.1457

#1	.04749	.46798	.10897	.01575	.33144	.06940	.04727
#2	.04728	.40796	.11004	.01664	.33153	.07012	.04651

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.2346	F .09765	F .05962	F -.00469	F .19843	F .14778	F .04530
Stddev	.0414	.00062	.01012	.00123	.00166	.00222	.00081
%RSD	1.8545	.63810	16.978	26.106	.83567	1.4993	1.7964

#1	2.2639	.09721	.06677	-.00556	.19726	.14621	.04472
#2	2.2053	.09809	.05246	-.00383	.19961	.14935	.04587

Sample Name: PB113114BS Acquired: 9/24/2018 15:14:50 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113114BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .37176	F 1.182	F .04527	F<.00000	F .36884
Stddev	.00036	.007	.00018	.05329	.15803
%RSD	.09809	.5777	.40052	3.3814	42.844

#1	.37150	1.178	.04514	-1.5384	.48059
#2	.37202	1.187	.04539	-1.6137	.25710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.0	47757.	3875.3	96.197	3482.2
Stddev	14.7	160.	12.7	1.886	25.5
%RSD	.71581	.33482	.32894	1.9602	.73269

#1	2041.6	47644.	3884.3	94.864	3464.1
#2	2062.4	47870.	3866.3	97.530	3500.2

Sample Name: J4777-11 Acquired: 9/24/2018 15:18:52 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05302	-.03260	.06337	-.04269	-.00160	107.90	.68939
Stddev	.00211	.00036	.00272	.00085	.00032	.09	.00076
%RSD	3.9706	1.1049	4.2894	1.9988	19.853	.08164	.10972

#1	.05153	-.03235	.06529	-.04329	-.00182	107.84	.68885
#2	.05451	-.03286	.06144	-.04209	-.00137	107.96	.68992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	.00849	32.111	.16777	.11705	.39556	268.08
Stddev	.00024	.00083	.183	.00100	.00003	.00289	8.12
%RSD	4.5270	9.7382	.56953	.59313	.02730	.73132	3.0290

#1	.00509	.00908	31.982	.16848	.11703	.39761	262.34
#2	.00543	.00791	32.240	.16707	.11707	.39352	273.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3610	49.185	.24175	.01102	2.9771	.40795	.53659
Stddev	.0075	.184	.00044	.00145	.0037	.00078	.01288
%RSD	.13900	.37491	.18394	13.155	.12589	.19036	2.4005

#1	5.3663	49.316	.24206	.01000	2.9798	.40850	.52748
#2	5.3558	49.055	.24143	.01205	2.9745	.40740	.54570

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.714	.00266	.17933	3.1468	2.4931	.01230	3.2349
Stddev	.001	.00040	.01786	.0096	.0165	.00011	.0019
%RSD	.00700	14.866	9.9596	.30450	.66349	.90743	.05722

#1	11.714	.00294	.16670	3.1536	2.5048	.01238	3.2362
#2	11.713	.00238	.19196	3.1401	2.4814	.01223	3.2336

Sample Name: J4777-11 Acquired: 9/24/2018 15:18:52 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.8116	4.238	.13329	F<.00000	14.190
Stddev	.0106	.004	.00034	.59589	.386
%RSD	.58478	.0860	.25402	2.1230	2.7220

#1	1.8041	4.241	.13305	-28.490	14.463
#2	1.8190	4.236	.13353	-27.647	13.917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.7	54261.	4765.7	97.148	3024.6
Stddev	3.6	92.	8.5	2.304	4.9
%RSD	.14957	.17004	.17913	2.3713	.16125

#1	2380.1	54195.	4759.7	98.777	3021.1
#2	2385.2	54326.	4771.8	95.519	3028.0

Sample Name: J4777-11DUP Acquired: 9/24/2018 15:22:56 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05166	-.03494	.06018	-.04219	-.00065	108.01	.69369
Stddev	.00104	.00246	.00385	.00940	.00201	.14	.00288
%RSD	2.0185	7.0512	6.3972	22.276	308.96	.12997	.41555

#1	.05092	-.03668	.05746	-.03555	-.00207	107.91	.69166
#2	.05240	-.03319	.06290	-.04884	.00077	108.11	.69573

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00489	.00844	33.417	.16467	.11741	.39876	271.66
Stddev	.00012	.00099	.141	.00086	.00042	.00189	6.04
%RSD	2.4575	11.722	.42260	.52510	.36109	.47407	2.2248

#1	.00497	.00774	33.317	.16406	.11771	.39742	275.93
#2	.00480	.00914	33.516	.16528	.11711	.40010	267.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3477	49.668	.24530	.01128	3.0536	.40131	.54150
Stddev	.0017	.007	.00120	.00072	.0008	.00254	.01290
%RSD	.03104	.01481	.48808	6.4133	.02535	.63226	2.3822

#1	5.3489	49.673	.24445	.01179	3.0542	.39951	.55062
#2	5.3466	49.663	.24614	.01077	3.0531	.40310	.53237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.855	.00312	.19185	3.0632	2.4664	.01094	3.2253
Stddev	.082	.00013	.01331	.0077	.0267	.00024	.0050
%RSD	.68973	4.2731	6.9374	.25074	1.0809	2.2391	.15493

#1	11.797	.00321	.20126	3.0686	2.4475	.01077	3.2217
#2	11.913	.00302	.18244	3.0578	2.4852	.01111	3.2288

Sample Name: J4777-11DUP Acquired: 9/24/2018 15:22:56 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.8159	4.263	.13689	F<.00000	15.259
Stddev	.0169	.006	.00014	.10449	.746
%RSD	.93109	.1463	.10138	.38531	4.8908

#1	1.8040	4.267	.13699	-27.191	15.787
#2	1.8279	4.259	.13679	-27.044	14.732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.1	54075.	4713.4	95.236	3027.8
Stddev	3.5	37.	14.6	2.362	4.8
%RSD	.14757	.06811	.30973	2.4800	.15707

#1	2384.6	54049.	4723.8	93.566	3024.5
#2	2389.6	54101.	4703.1	96.906	3031.2

Sample Name: J4777-11LX5 Acquired: 9/24/2018 15:27:00 Type: Unk
Method: P4-ICP2(v2452) 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	.01250	-.00482	.01063	-.01475	-.00195	31.336	.16010
Stddev	.00209	.00214	.00123	.00186	.00210	.002	.00078
%RSD	16.703	44.391	11.573	12.575	108.00	.00755	.48669

#1	.01102	-.00633	.01150	-.01344	-.00344	31.334	.15955
#2	.01397	-.00331	.00976	-.01607	-.00046	31.338	.16065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00090	7.7951	.03863	.02277	.09744	55.522
Stddev	.00001	.00002	.0747	.00083	.00016	.00010	1.178
%RSD	1.2961	2.3944	.95858	2.1431	.70730	.10625	2.1218

#1	.00091	.00091	7.7423	.03922	.02288	.09751	54.689
#2	.00092	.00088	7.8479	.03805	.02265	.09736	56.355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2845	11.605	.04769	.00186	.38744	.09222	.11398
Stddev	.0062	.027	.00010	.00036	.00173	.00044	.00233
%RSD	.48228	.23217	.21427	19.093	.44685	.47804	2.0486

#1	1.2801	11.586	.04762	.00161	.38866	.09253	.11233
#2	1.2889	11.624	.04776	.00212	.38621	.09191	.11563

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6533	.00044	.02901	.58703	.67234	.00270	.74913
Stddev	.0044	.00014	.00469	.00113	.00024	.00091	.00288
%RSD	.16506	30.902	16.154	.19285	.03588	33.817	.38441

#1	2.6564	.00053	.03233	.58783	.67217	.00335	.74709
#2	2.6502	.00034	.02570	.58623	.67251	.00206	.75117

Sample Name: J4777-11LX5 Acquired: 9/24/2018 15:27:00 Type: Unk
 Method: P4-ICP2(v2452) 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	.39812	.8193	.03108	F<.00000	13.777
Stddev	.00415	.0029	.00023	.09045	.710
%RSD	1.0430	.3511	.72546	1.5710	5.1564

#1	.39519	.8214	.03124	-5.8215	14.280
#2	.40106	.8173	.03092	-5.6936	13.275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.5	49062.	4066.9	96.437	3348.2
Stddev	4.1	88.	22.8	1.455	13.2
%RSD	.18847	.17858	.56037	1.5085	.39475

#1	2164.6	49124.	4083.1	97.465	3338.8
#2	2170.4	49000.	4050.8	95.408	3357.5

Sample Name: J4777-11MS Acquired: 9/24/2018 15:31:00 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78420	2.1384	1.1341	1.8076	.72801	106.96	.86227
Stddev	.00972	.0002	.0081	.0020	.00205	.06	.00582
%RSD	1.2390	.00934	.71820	.10968	.28118	.05688	.67525

#1	.79107	2.1386	1.1283	1.8090	.72946	107.01	.86638
#2	.77733	2.1383	1.1398	1.8062	.72656	106.92	.85815

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19093	.22675	33.485	.51655	.31982	.64745	269.34
Stddev	.00075	.00076	.188	.00060	.00016	.00005	5.87
%RSD	.39338	.33654	.56183	.11560	.04857	.00731	2.1806

#1	.19146	.22621	33.618	.51613	.31993	.64749	273.49
#2	.19040	.22729	33.352	.51697	.31971	.64742	265.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4081	50.687	.76065	.07894	5.8009	.67229	.73079
Stddev	.0314	.070	.00063	.00033	.0149	.00606	.01641
%RSD	.58162	.13861	.08270	.41221	.25743	.90098	2.2457

#1	5.4303	50.737	.76110	.07917	5.8114	.66800	.74239
#2	5.3858	50.637	.76021	.07871	5.7903	.67657	.71918

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.752	.37017	.44008	3.0186	3.8608	.75520	3.4034
Stddev	.041	.00015	.02225	.0028	.0063	.00051	.0194
%RSD	.19951	.04168	5.0564	.09163	.16232	.06700	.57011

#1	20.781	.37006	.45582	3.0166	3.8563	.75484	3.4171
#2	20.723	.37028	.42435	3.0205	3.8652	.75556	3.3896

Sample Name: J4777-11MS Acquired: 9/24/2018 15:31:00 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4123	10.42	.30820	F<.00000	13.382
Stddev	.0112	.00	.00092	.87925	.282
%RSD	.32904	.0001	.29783	3.3429	2.1065

#1	3.4203	10.42	.30885	-25.681	13.182
#2	3.4044	10.42	.30755	-26.924	13.581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.0	54039.	4725.9	95.894	3022.1
Stddev	.3	231.	46.8	2.458	1.5
%RSD	.01296	.42819	.99024	2.5627	.04982

#1	2381.2	53876.	4692.8	94.156	3021.1
#2	2380.7	54203.	4759.0	97.631	3023.2

Sample Name: J4777-11MSD Acquired: 9/24/2018 15:34:58 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78570	2.1332	1.1373	1.7984	.72544	107.52	.87043
Stddev	.00141	.0046	.0022	.0056	.00283	.10	.00039
%RSD	.17908	.21817	.19066	.31339	.39017	.09508	.04520

#1	.78669	2.1365	1.1388	1.8024	.72744	107.45	.87016
#2	.78471	2.1299	1.1357	1.7944	.72344	107.59	.87071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19182	.22692	33.697	.51957	.31936	.64969	265.40
Stddev	.00024	.00106	.033	.00243	.00032	.00050	.30
%RSD	.12359	.46798	.09651	.46825	.10156	.07714	.11300

#1	.19199	.22767	33.674	.52129	.31913	.64934	265.61
#2	.19165	.22617	33.720	.51785	.31959	.65005	265.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4469	51.047	.76251	.07891	5.8288	.67518	.71637
Stddev	.0200	.178	.00088	.00113	.0208	.00308	.00324
%RSD	.36764	.34897	.11540	1.4366	.35739	.45619	.45210

#1	5.4610	51.173	.76313	.07810	5.8141	.67300	.71866
#2	5.4327	50.921	.76188	.07971	5.8435	.67736	.71408

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.888	.37074	.44188	3.0045	3.8521	.75655	3.4031
Stddev	.022	.00069	.01920	.0010	.0300	.00110	.0050
%RSD	.10719	.18598	4.3460	.03356	.77775	.14587	.14587

#1	20.904	.37122	.42830	3.0052	3.8309	.75576	3.4066
#2	20.872	.37025	.45546	3.0038	3.8733	.75733	3.3996

Sample Name: J4777-11MSD Acquired: 9/24/2018 15:34:58 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4118	10.36	.31110	F<.00000	12.403
Stddev	.0058	.01	.00030	.83640	.570
%RSD	.16924	.1449	.09624	3.2573	4.5988

#1	3.4159	10.37	.31089	-25.086	12.000
#2	3.4078	10.35	.31131	-26.269	12.807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.6	53710.	4683.9	97.213	3020.2
Stddev	11.6	80.	11.8	.375	15.2
%RSD	.49055	.14980	.25150	.38586	.50255

#1	2366.3	53653.	4675.6	96.948	3009.4
#2	2382.8	53767.	4692.3	97.478	3030.9

Sample Name: J4777-11A Acquired: 9/24/2018 15:38:56 Type: Unk
Method: P4-ICP2(v2452) 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	.79568	2.1385	1.1223	1.8123	.72696	107.47	.87139
Stddev	.00105	.0012	.0043	.0069	.00104	.08	.00587
%RSD	.13176	.05452	.38343	.38304	.14365	.07255	.67363

#1	.79642	2.1393	1.1254	1.8172	.72770	107.53	.86724
#2	.79494	2.1376	1.1193	1.8074	.72622	107.42	.87554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18961	.22451	33.657	.50940	.31651	.64374	269.71
Stddev	.00010	.00028	.170	.00192	.00053	.00205	.54
%RSD	.05106	.12312	.50367	.37742	.16599	.31859	.20133

#1	.18968	.22470	33.537	.50804	.31614	.64519	269.33
#2	.18954	.22431	33.777	.51076	.31689	.64229	270.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3975	50.833	.75813	.07927	5.8041	.66477	.73154
Stddev	.0052	.526	.00161	.00027	.0399	.00224	.00093
%RSD	.09646	1.0354	.21207	.34196	.68756	.33744	.12773

#1	5.4012	50.461	.75926	.07908	5.7759	.66636	.73220
#2	5.3938	51.205	.75699	.07946	5.8323	.66318	.73088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.011	.36972	.45454	3.0380	3.8410	.75260	3.4113
Stddev	.141	.00045	.00238	.0236	.0372	.00445	.0045
%RSD	.67151	.12158	.52317	.77601	.96755	.59157	.13075

#1	20.911	.36941	.45622	3.0547	3.8148	.74945	3.4082
#2	21.110	.37004	.45286	3.0213	3.8673	.75575	3.4145

Sample Name: J4777-11A Acquired: 9/24/2018 15:38:56 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4347	10.40	.30938	F<.00000	12.148
Stddev	.0019	.04	.00212	.43900	.200
%RSD	.05506	.3716	.68553	1.6768	1.6498
#1	3.4334	10.43	.30788	-26.492	12.006
#2	3.4361	10.37	.31088	-25.871	12.290
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.6	54070.	4688.2	95.356	3027.2
Stddev	5.0	88.	34.3	.173	7.8
%RSD	.20994	.16340	.73120	.18151	.25719
#1	2377.1	54007.	4712.4	95.478	3021.7
#2	2384.1	54132.	4663.9	95.233	3032.7

Sample Name: J4777-13 Acquired: 9/24/2018 15:42:54 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04329	-.03789	.09843	-.04130	-.00090	111.46	.71112
Stddev	.00281	.00132	.00009	.00504	.00274	.43	.00135
%RSD	6.4908	3.4887	.08821	12.210	303.94	.38777	.18970

#1	.04527	-.03883	.09837	-.04487	.00104	111.15	.71208
#2	.04130	-.03696	.09849	-.03773	-.00284	111.76	.71017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	.00845	34.742	.22498	.11838	.41423	266.52
Stddev	.00001	.00017	.005	.00208	.00033	.00046	.64
%RSD	.11978	2.0568	.01496	.92402	.28211	.11078	.23975

#1	.00510	.00858	34.746	.22645	.11814	.41455	266.06
#2	.00511	.00833	34.738	.22351	.11861	.41390	266.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7895	51.568	.25840	.01160	3.4022	.43246	.61377
Stddev	.0192	.268	.00077	.00000	.0108	.00082	.00276
%RSD	.33155	.51917	.29672	.00029	.31731	.18883	.45008

#1	5.7759	51.378	.25894	.01160	3.3946	.43304	.61181
#2	5.8030	51.757	.25786	.01160	3.4099	.43188	.61572

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.619	.00176	.21818	3.6015	2.0237	.01412	3.4261
Stddev	.004	.00021	.00269	.0022	.0015	.00058	.0133
%RSD	.03334	12.124	1.2331	.05965	.07684	4.1073	.38919

#1	12.616	.00192	.21628	3.6030	2.0248	.01371	3.4167
#2	12.622	.00161	.22008	3.6000	2.0226	.01453	3.4356

Sample Name: J4777-13 Acquired: 9/24/2018 15:42:54 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9771	4.309	.13968	F<.00000	14.445
Stddev	.0009	.001	.00025	.80894	.755
%RSD	.04510	.0319	.17809	2.9005	5.2282
#1	1.9765	4.310	.13950	-28.461	14.979
#2	1.9778	4.308	.13986	-27.317	13.911
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.6	54897.	4805.8	96.910	3028.8
Stddev	4.2	109.	11.3	.105	12.1
%RSD	.17653	.19835	.23531	.10827	.39930
#1	2403.6	54974.	4797.8	96.984	3020.3
#2	2409.6	54820.	4813.8	96.836	3037.4

Sample Name: CCV05 Acquired: 9/24/2018 15:46:59 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13864 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0025	4.9978	4.9353	5.0731	5.0784	10.307	10.241	.25171
Stddev	.0100	.0232	.0064	.0021	.0052	.042	.044	.00049
%RSD	.19961	.46470	.12965	.04059	.10293	.40357	.43145	.19485
#1	4.9955	4.9813	4.9308	5.0717	5.0821	10.277	10.273	.25205
#2	5.0096	5.0142	4.9399	5.0746	5.0747	10.336	10.210	.25136
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4679	25.206	.99938	2.3819	1.2437	5.1870	2.4970	25.016
Stddev	.0049	.023	.00201	.0073	.0030	.0061	.0024	.330
%RSD	.19671	.09319	.20073	.30616	.23853	.11687	.09721	1.3181
#1	2.4645	25.223	1.0008	2.3768	1.2416	5.1913	2.4987	24.783
#2	2.4713	25.190	.99796	2.3871	1.2458	5.1828	2.4953	25.250
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4646	1.2488	25.139	2.5098	2.5569	25.079	5.0875	5.0321
Stddev	.0063	.0010	.095	.0014	.0207	.121	.0023	.0251
%RSD	.25408	.08354	.37651	.05442	.81123	.48387	.04466	.49987
#1	2.4602	1.2495	25.206	2.5108	2.5716	25.165	5.0859	5.0143
#2	2.4690	1.2481	25.072	2.5088	2.5422	24.993	5.0891	5.0499
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9267	4.8153	4.9602	5.0833	4.5342	5.112	5.0382	F .38877
Stddev	.0061	.0019	.0161	.0179	.0079	.004	.0593	.51667
%RSD	.12363	.03963	.32424	.35135	.17349	.0736	1.1770	132.90
#1	4.9224	4.8139	4.9488	5.0959	4.5286	5.115	5.0801	.75411
#2	4.9310	4.8166	4.9716	5.0707	4.5398	5.109	4.9962	.02343

Sample Name: CCV05 Acquired: 9/24/2018 15:46:59 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13864 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.4683
Stddev .1403
%RSD 4.0459

#1 3.5676
#2 3.3691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.7	46639.	3905.9	92.891	3174.3
Stddev	1.5	160.	19.3	.761	1.6
%RSD	.07416	.34376	.49334	.81920	.05062

#1	2046.6	46526.	3892.3	92.353	3175.5
#2	2048.8	46753.	3919.6	93.429	3173.2

Sample Name: CCB05 Acquired: 9/24/2018 15:50:48 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13864 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00164	-.00195	.00045	-.00067	.01193	-.00124
Stddev	.00042	.00006	.00026	.00225	.00071	.00157	.00022
%RSD	53.492	3.5287	13.355	495.22	105.48	13.190	17.672

#1	.00107	.00160	-.00213	.00205	-.00017	.01082	-.00140
#2	.00048	.00168	-.00176	-.00114	-.00117	.01305	-.00109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00019	-.01044	.00045	-.00012	-.00069	-.00348
Stddev	.00006	.00008	.00209	.00063	.00004	.00006	.00384
%RSD	395.04	43.426	20.068	140.26	30.157	8.1369	110.10

#1	-.00005	.00024	-.01192	.00000	-.00015	-.00073	-.00077
#2	.00003	.00013	-.00896	.00090	-.00009	-.00065	-.00620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01065	.00062	.00029	-.40381	-.00033	-.00051
Stddev	.00000	.00819	.00027	.00002	.00223	.00023	.00007
%RSD	9.3210	76.910	43.197	8.1902	.55206	68.837	14.463

#1	-.00006	.01645	.00081	.00031	-.40538	-.00017	-.00046
#2	-.00005	.00486	.00043	.00027	-.40223	-.00049	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06266	.00032	.00057	.00109	-.00546	-.00051	-.00176
Stddev	.01269	.00008	.00461	.00027	.00153	.00019	.00237
%RSD	20.247	24.073	808.35	25.099	28.112	36.802	135.02

#1	-.07163	.00037	-.00269	.00128	-.00437	-.00064	-.00343
#2	-.05369	.00026	.00383	.00090	-.00654	-.00038	-.00008

Sample Name: CCB05 Acquired: 9/24/2018 15:50:48 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13864 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02946	.0005	-.00005	F<.00000	F 1.5408
Stddev	.00950	.0008	.00011	.56553	.5615
%RSD	32.245	166.3	222.47	25.254	36.441

#1	-.02274	.0010	.00003	-2.6393	1.9378
#2	-.03618	-.0001	-.00013	-1.8395	1.1438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.4	48650.	3941.7	99.420	3601.4
Stddev	6.5	92.	11.2	.601	10.2
%RSD	.30428	.18928	.28417	.60401	.28208

#1	2124.8	48584.	3949.6	99.845	3594.2
#2	2134.0	48715.	3933.8	98.995	3608.6

Sample Name: J4777-15 Acquired: 9/24/2018 15:54:53 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05570	-.02826	.43185	-.04496	.00112	109.46	.71998
Stddev	.00115	.00040	.00139	.00337	.00171	.12	.00295
%RSD	2.0689	1.4322	.32221	7.5003	152.84	.11284	.40926

#1	.05652	-.02854	.43087	-.04258	-.00009	109.55	.71789
#2	.05489	-.02797	.43284	-.04735	.00233	109.37	.72206

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	.01008	52.260	.19361	.12722	.60374	270.67
Stddev	.00011	.00027	.058	.00045	.00036	.00001	2.13
%RSD	2.0663	2.6567	.11132	.23096	.28224	.00199	.78704

#1	.00525	.00989	52.219	.19330	.12697	.60375	272.18
#2	.00510	.01027	52.302	.19393	.12748	.60373	269.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1930	62.506	.29644	.01403	3.3336	.40849	1.3283
Stddev	.0036	.197	.00141	.00016	.0085	.00097	.0129
%RSD	.06913	.31487	.47604	1.1072	.25580	.23744	.96911

#1	5.1904	62.367	.29545	.01414	3.3396	.40781	1.3374
#2	5.1955	62.645	.29744	.01392	3.3276	.40918	1.3192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.759	.00408	.29423	6.3273	4.4983	.02962	2.7528
Stddev	.004	.00003	.00797	.0373	.0261	.00087	.0003
%RSD	.02931	.83761	2.7074	.59018	.57985	2.9445	.01170

#1	14.762	.00405	.28860	6.3537	4.4799	.02900	2.7526
#2	14.756	.00410	.29986	6.3009	4.5168	.03024	2.7530

Sample Name: J4777-15 Acquired: 9/24/2018 15:54:53 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1036	8.068	.16449	F<.00000	15.185
Stddev	.0039	.028	.00046	.29940	.321
%RSD	.18381	.3472	.27878	1.0990	2.1128

#1	2.1064	8.048	.16417	-27.456	15.412
#2	2.1009	8.088	.16482	-27.032	14.958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.6	54520.	4769.0	96.010	3021.4
Stddev	11.4	92.	15.8	.811	7.9
%RSD	.47496	.16893	.33099	.84430	.26301

#1	2384.6	54455.	4780.2	95.437	3015.8
#2	2400.6	54585.	4757.9	96.583	3027.0

Sample Name: J4777-17 Acquired: 9/24/2018 15:58:51 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03223	-.03100	.09432	-.05015	-.00183	108.83	1.5495
Stddev	.00236	.00223	.00016	.00283	.00010	.21	.0006
%RSD	7.3091	7.2060	.17335	5.6504	5.5599	.19635	.03970

#1	.03390	-.03257	.09420	-.04815	-.00191	108.68	1.5491
#2	.03057	-.02942	.09443	-.05216	-.00176	108.99	1.5499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01073	.01351	50.170	.21777	.21189	.28946	337.46
Stddev	.00030	.00031	.103	.00013	.00179	.00096	.70
%RSD	2.8418	2.2584	.20563	.05984	.84448	.33065	.20830

#1	.01051	.01372	50.097	.21787	.21315	.28878	336.96
#2	.01095	.01329	50.243	.21768	.21062	.29014	337.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7346	95.885	.47574	.01656	5.1074	.28003	.91964
Stddev	.0416	.380	.00089	.00054	.0189	.00124	.00024
%RSD	.42704	.39620	.18762	3.2622	.36949	.44400	.02587

#1	9.7052	95.617	.47637	.01694	5.1207	.27915	.91947
#2	9.7640	96.154	.47511	.01618	5.0940	.28091	.91981

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.101	-.00021	.24291	1.3039	1.6551	.01617	2.2614
Stddev	.032	.00023	.00174	.0015	.0012	.00005	.0106
%RSD	.22665	110.27	.71520	.11233	.06980	.33433	.46649

#1	14.124	-.00037	.24414	1.3049	1.6543	.01621	2.2539
#2	14.079	-.00005	.24168	1.3028	1.6559	.01613	2.2688

Sample Name: J4777-17 Acquired: 9/24/2018 15:58:51 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.8013	7.158	.19379	F<.00000	15.215
Stddev	.0032	.022	.00004	.36845	.179
%RSD	.08376	.3062	.02232	.99318	1.1787

#1	3.8036	7.174	.19382	-37.359	15.089
#2	3.7991	7.143	.19376	-36.838	15.342

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.3	57732.	5006.2	96.058	2961.4
Stddev	5.6	38.	4.6	.062	2.3
%RSD	.22065	.06665	.09219	.06441	.07933

#1	2549.3	57760.	5002.9	96.014	2959.7
#2	2541.3	57705.	5009.4	96.102	2963.1

Sample Name: J4777-19 Acquired: 9/24/2018 16:02:53 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06424	-.02886	.41997	-.07076	-.00003	154.21	1.1533
Stddev	.00328	.00085	.00092	.00135	.00325	.40	.0019
%RSD	5.1129	2.9580	.22002	1.9101	9396.9	.26143	.16437

#1	.06656	-.02826	.41932	-.07171	-.00234	154.50	1.1546
#2	.06192	-.02947	.42062	-.06980	.00227	153.93	1.1519

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01091	.01661	42.003	.31385	.25304	.42525	434.19
Stddev	.00005	.00061	.007	.00357	.00002	.00052	.41
%RSD	.42461	3.6948	.01588	1.1359	.00803	.12278	.09348

#1	.01094	.01618	42.008	.31133	.25303	.42562	434.48
#2	.01087	.01704	41.998	.31637	.25305	.42488	433.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5129	119.37	.55324	.02039	4.3617	.42947	1.4321
Stddev	.0193	.04	.00104	.00092	.0058	.00087	.0029
%RSD	.25659	.03178	.18738	4.4960	.13398	.20324	.20521

#1	7.5266	119.40	.55250	.02104	4.3575	.42885	1.4300
#2	7.4993	119.34	.55397	.01974	4.3658	.43009	1.4341

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.597	.00309	.32117	2.0679	1.9407	.02481	2.0708
Stddev	.100	.00001	.00700	.0142	.0104	.00072	.0004
%RSD	.46415	.20314	2.1780	.68876	.53505	2.9075	.01939

#1	21.527	.00308	.32611	2.0578	1.9480	.02430	2.0705
#2	21.668	.00309	.31622	2.0779	1.9334	.02532	2.0711

Sample Name: J4777-19 Acquired: 9/24/2018 16:02:53 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	7.2314	8.104	.18483	F<.00000	14.254
Stddev	.0378	.017	.00030	.86391	1.425
%RSD	.52299	.2133	.16130	2.2371	10.000
#1	7.2047	8.116	.18504	-38.007	13.246
#2	7.2582	8.092	.18462	-39.228	15.262
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.6	53000.	4687.9	93.920	2878.1
Stddev	11.1	69.	.5	.080	8.3
%RSD	.47167	.12976	.01001	.08470	.28813
#1	2335.8	52952.	4687.6	93.976	2872.2
#2	2351.4	53049.	4688.2	93.863	2884.0

Sample Name: J4777-21 Acquired: 9/24/2018 16:06:56 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06498	-.03223	.33133	-.07177	.00103	142.06	1.2129
Stddev	.00193	.00054	.00065	.00103	.00068	.38	.0094
%RSD	2.9751	1.6625	.19611	1.4285	65.784	.27022	.77702

#1	.06634	-.03261	.33087	-.07249	.00150	142.33	1.2195
#2	.06361	-.03185	.33179	-.07104	.00055	141.79	1.2062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01012	.01592	44.329	.28051	.22094	.41158	391.86
Stddev	.00003	.00048	.254	.00125	.00005	.00149	4.05
%RSD	.28030	3.0375	.57393	.44642	.02162	.36160	1.0346

#1	.01010	.01557	44.509	.28139	.22097	.41053	394.72
#2	.01014	.01626	44.149	.27962	.22090	.41264	388.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5788	92.149	.45044	.01783	4.3303	.44659	1.2896
Stddev	.0379	.397	.00034	.00023	.0084	.00343	.0080
%RSD	.44187	.43133	.07563	1.2856	.19394	.76777	.62341

#1	8.5520	92.430	.45068	.01767	4.3363	.44901	1.2953
#2	8.6057	91.868	.45020	.01799	4.3244	.44416	1.2840

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.335	.00271	.31234	3.2192	2.1917	.02374	2.1572
Stddev	.166	.00020	.00359	.0020	.0253	.00029	.0108
%RSD	.90633	7.2213	1.1504	.06289	1.1553	1.2364	.50028

#1	18.452	.00285	.30980	3.2207	2.2096	.02394	2.1648
#2	18.217	.00257	.31488	3.2178	2.1738	.02353	2.1496

Sample Name: J4777-21 Acquired: 9/24/2018 16:06:56 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.2269	8.782	.20539	F<.00000	13.204
Stddev	.0338	.025	.00177	.55008	1.310
%RSD	.64737	.2852	.85969	1.5190	9.9239
#1	5.2508	8.765	.20664	-36.603	14.130
#2	5.2029	8.800	.20415	-35.825	12.277
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2365.5	53492.	4775.2	96.228	2908.6
Stddev	5.7	5.	19.5	.859	4.8
%RSD	.24285	.00955	.40888	.89241	.16383
#1	2361.4	53495.	4761.4	95.621	2905.3
#2	2369.6	53488.	4789.0	96.835	2912.0

Sample Name: J4777-23 Acquired: 9/24/2018 16:10:56 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06040	-.03055	.32987	-.06726	-.00072	144.21	1.5209
Stddev	.00257	.00394	.00040	.00709	.00156	.13	.0134
%RSD	4.2568	12.903	.12228	10.542	215.79	.08900	.87801

#1	.05858	-.02776	.32958	-.06224	.00038	144.30	1.5303
#2	.06221	-.03334	.33015	-.07227	-.00182	144.12	1.5114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01043	.01583	39.093	.27989	.31573	.36910	397.58
Stddev	.00015	.00071	.398	.00096	.00030	.00041	4.63
%RSD	1.4433	4.4803	1.0188	.34120	.09493	.11183	1.1641

#1	.01054	.01532	39.375	.28057	.31552	.36881	400.85
#2	.01032	.01633	38.811	.27922	.31595	.36940	394.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.711	92.225	.47474	.01903	4.4134	.40081	1.3171
Stddev	.036	.482	.00021	.00106	.0298	.00105	.0162
%RSD	.30583	.52308	.04380	5.5525	.67591	.26146	1.2300

#1	11.686	92.566	.47489	.01978	4.4345	.40155	1.3286
#2	11.736	91.884	.47460	.01828	4.3923	.40007	1.3057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.568	.00223	.33067	2.8021	1.8015	.02372	1.9320
Stddev	.127	.00075	.00116	.0108	.0101	.00187	.0010
%RSD	.65135	33.914	.35213	.38504	.56068	7.8695	.05073

#1	19.658	.00169	.32985	2.7945	1.8086	.02240	1.9314
#2	19.478	.00276	.33149	2.8097	1.7943	.02504	1.9327

Sample Name: J4777-23 Acquired: 9/24/2018 16:10:56 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.7116	8.258	.18451	F<.00000	12.672
Stddev	.0382	.014	.00144	.45411	.248
%RSD	.66806	.1672	.77905	1.2566	1.9589

#1	5.7386	8.248	.18552	-35.818	12.848
#2	5.6846	8.268	.18349	-36.460	12.497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.4	53809.	4795.7	95.539	2907.7
Stddev	5.0	211.	43.1	1.228	6.5
%RSD	.20962	.39180	.89841	1.2857	.22381

#1	2385.8	53660.	4765.2	94.671	2903.1
#2	2392.9	53958.	4826.1	96.408	2912.3

Sample Name: J4777-25 Acquired: 9/24/2018 16:14:58 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05073	-.02851	.14823	-.04576	-.00220	123.02	.70128
Stddev	.00568	.00332	.00317	.00195	.00103	.47	.00374
%RSD	11.195	11.652	2.1355	4.2580	47.098	.38598	.53396

#1	.04672	-.03085	.14599	-.04439	-.00146	122.69	.70393
#2	.05475	-.02616	.15046	-.04714	-.00293	123.36	.69863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	.00923	38.500	.20031	.11979	.35187	270.73
Stddev	.00029	.00031	.250	.00002	.00026	.00235	4.83
%RSD	5.0878	3.3874	.64996	.01223	.21832	.66760	1.7854

#1	.00589	.00900	38.677	.20029	.11961	.35021	274.15
#2	.00548	.00945	38.323	.20032	.11998	.35353	267.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9129	50.267	.25561	.01137	4.0765	.37509	.63114
Stddev	.0025	.128	.00001	.00082	.0414	.00020	.01614
%RSD	.05080	.25427	.00376	7.2279	1.0155	.05250	2.5567

#1	4.9112	50.358	.25560	.01195	4.1058	.37523	.64255
#2	4.9147	50.177	.25561	.01079	4.0472	.37495	.61973

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.408	.00152	.18121	2.0882	2.0713	.01466	2.6673
Stddev	.054	.00038	.00466	.0110	.0289	.00082	.0114
%RSD	.47274	24.881	2.5742	.52829	1.3934	5.5994	.42692

#1	11.446	.00125	.18451	2.0960	2.0917	.01408	2.6754
#2	11.370	.00178	.17791	2.0804	2.0509	.01524	2.6593

Sample Name: J4777-25 Acquired: 9/24/2018 16:14:58 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9880	5.349	.16171	F<.00000	14.049
Stddev	.0111	.023	.00104	1.1302	.985
%RSD	.55817	.4223	.64526	4.5036	7.0105

#1	1.9802	5.365	.16244	-24.296	13.353
#2	1.9959	5.333	.16097	-25.894	14.746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.5	53254.	4678.4	97.310	3041.4
Stddev	3.8	132.	50.7	2.683	7.5
%RSD	.15861	.24745	1.0833	2.7574	.24498

#1	2368.8	53161.	4642.6	95.413	3036.1
#2	2374.1	53347.	4714.3	99.207	3046.7

Sample Name: J4777-27 Acquired: 9/24/2018 16:18:55 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05537	-.02779	.15343	-.04079	-.00289	129.16	.68395
Stddev	.00417	.00236	.00076	.00299	.00040	.48	.00350
%RSD	7.5362	8.4781	.49658	7.3363	13.697	.36805	.51239

#1	.05832	-.02613	.15397	-.04291	-.00317	129.49	.68147
#2	.05242	-.02946	.15289	-.03868	-.00261	128.82	.68643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00630	.00879	73.980	.19264	.10306	.29686	247.94
Stddev	.00001	.00056	.206	.00014	.00034	.00179	4.81
%RSD	.20063	6.3541	.27887	.07369	.33076	.60453	1.9401

#1	.00631	.00918	73.835	.19254	.10282	.29813	244.54
#2	.00630	.00839	74.126	.19275	.10330	.29559	251.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7592	47.007	.22103	.01056	4.6349	.39086	.72787
Stddev	.0042	.180	.00183	.00110	.0406	.00201	.01726
%RSD	.08770	.38283	.83016	10.423	.87581	.51539	2.3714

#1	4.7622	46.880	.22233	.00979	4.6062	.39228	.71566
#2	4.7563	47.135	.21974	.01134	4.6636	.38943	.74007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.426	.00340	.17099	4.8003	2.5553	.01493	2.2161
Stddev	.011	.00011	.00263	.0026	.0177	.00081	.0004
%RSD	.10515	3.3551	1.5376	.05467	.69245	5.4108	.01560

#1	10.418	.00332	.16913	4.7985	2.5428	.01551	2.2163
#2	10.433	.00348	.17285	4.8022	2.5678	.01436	2.2158

Sample Name: J4777-27 Acquired: 9/24/2018 16:18:55 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6337	5.030	.23465	F<.00000	15.240
Stddev	.0003	.004	.00138	.59413	.068
%RSD	.01703	.0779	.58641	2.3945	.44353

#1	1.6335	5.027	.23367	-24.392	15.288
#2	1.6339	5.032	.23562	-25.232	15.192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.2	53621.	4753.8	96.448	3011.1
Stddev	4.5	141.	38.2	2.263	3.5
%RSD	.19053	.26316	.80315	2.3468	.11692

#1	2377.0	53521.	4780.8	98.048	3008.6
#2	2383.4	53721.	4726.8	94.848	3013.6

Sample Name: J4777-29 Acquired: 9/24/2018 16:22:52 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05547	-.02516	.15921	-.04311	-.00185	123.38	.67006
Stddev	.00250	.00081	.00120	.00467	.00031	.58	.00176
%RSD	4.5147	3.2168	.75558	10.833	16.935	.46731	.26259

#1	.05369	-.02458	.15836	-.03981	-.00207	122.98	.67130
#2	.05724	-.02573	.16006	-.04641	-.00163	123.79	.66881

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	.00731	63.387	.19728	.10389	.29495	248.64
Stddev	.00013	.00038	.063	.00035	.00037	.00231	3.85
%RSD	2.1599	5.1672	.09966	.17508	.36070	.78184	1.5468

#1	.00601	.00704	63.432	.19752	.10363	.29332	251.36
#2	.00582	.00758	63.342	.19703	.10416	.29658	245.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8368	45.371	.22187	.01046	4.5108	.35228	.60561
Stddev	.0056	.075	.00037	.00042	.0115	.00178	.01425
%RSD	.11617	.16638	.16867	4.0552	.25428	.50615	2.3538

#1	4.8328	45.424	.22213	.01076	4.5027	.35354	.61569
#2	4.8407	45.317	.22160	.01016	4.5189	.35102	.59553

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.211	.00210	.16391	2.8883	2.3595	.01652	2.2483
Stddev	.005	.00016	.00525	.0010	.0299	.00134	.0146
%RSD	.04694	7.6416	3.2013	.03601	1.2663	8.0879	.65013

#1	10.214	.00199	.16762	2.8876	2.3806	.01557	2.2379
#2	10.207	.00222	.16020	2.8891	2.3384	.01746	2.2586

Sample Name: J4777-29 Acquired: 9/24/2018 16:22:52 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6752	4.830	.21920	F<.00000	15.125
Stddev	.0166	.000	.00040	.19843	1.106
%RSD	.99302	.0030	.18438	.82448	7.3142
#1	1.6634	4.831	.21949	-23.927	15.907
#2	1.6869	4.830	.21892	-24.208	14.343
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.7	53186.	4661.7	94.238	3026.6
Stddev	2.8	4.	37.7	2.204	3.6
%RSD	.11807	.00677	.80954	2.3386	.11965
#1	2366.7	53189.	4635.0	92.680	3029.1
#2	2362.7	53184.	4688.4	95.797	3024.0

Sample Name: J4777-31 Acquired: 9/24/2018 16:26:49 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04978	-.02513	.16714	-.03939	-.00047	131.22	.70586
Stddev	.00173	.00102	.00057	.00625	.00125	.58	.00480
%RSD	3.4685	4.0636	.33881	15.863	264.48	.43957	.67979

#1	.04856	-.02441	.16754	-.03497	-.00136	130.81	.70247
#2	.05100	-.02585	.16674	-.04381	.00041	131.63	.70925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	.00864	71.763	.17846	.10976	.28424	243.50
Stddev	.00004	.00002	.711	.00047	.00036	.00154	3.02
%RSD	.56476	.17840	.99066	.26183	.33041	.54067	1.2406

#1	.00634	.00865	71.260	.17879	.10951	.28315	241.36
#2	.00639	.00863	72.266	.17813	.11002	.28533	245.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6706	49.786	.24719	.01064	4.8909	.38679	.59855
Stddev	.0141	.273	.00255	.00002	.0441	.00006	.00427
%RSD	.30130	.54880	1.0335	.20865	.90200	.01612	.71270

#1	4.6606	49.593	.24538	.01066	4.8597	.38675	.59554
#2	4.6805	49.979	.24899	.01063	4.9221	.38683	.60157

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.535	.00281	.16879	4.0450	3.0429	.01865	2.0607
Stddev	.124	.00010	.00328	.0115	.0047	.00043	.0108
%RSD	1.1804	3.4797	1.9410	.28439	.15334	2.2944	.52516

#1	10.447	.00288	.16647	4.0368	3.0396	.01834	2.0530
#2	10.623	.00274	.17111	4.0531	3.0462	.01895	2.0683

Sample Name: J4777-31 Acquired: 9/24/2018 16:26:49 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.7225	5.327	.24600	F<.00000	15.377
Stddev	.0019	.019	.00187	.14068	.750
%RSD	.10866	.3620	.76009	.59085	4.8778

#1	1.7211	5.314	.24468	-23.908	14.847
#2	1.7238	5.341	.24732	-23.709	15.908

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.3	53681.	4746.5	96.104	2986.8
Stddev	1.1	42.	17.0	.788	5.1
%RSD	.04450	.07878	.35790	.81963	.17142

#1	2383.1	53711.	4758.5	96.661	2990.4
#2	2381.6	53652.	4734.5	95.547	2983.2

Sample Name: J5021-01 Acquired: 9/24/2018 16:30:47 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27189	-.03467	.22575	-.06361	-.00137	94.226	2.9924
Stddev	.00131	.00108	.00312	.00196	.00212	.466	.0060
%RSD	.48204	3.1098	1.3815	3.0748	154.96	.49488	.20029

#1	.27281	-.03391	.22796	-.06223	.00013	93.897	2.9966
#2	.27096	-.03543	.22355	-.06499	-.00287	94.556	2.9882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	.01584	59.937	.25307	.10273	.55038	344.28
Stddev	.00001	.00073	.047	.00229	.00010	.00105	4.30
%RSD	.13348	4.6297	.07866	.90467	.09435	.19160	1.2481

#1	.00601	.01636	59.970	.25469	.10266	.54963	341.24
#2	.00602	.01532	59.904	.25145	.10280	.55112	347.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8971	41.279	.26033	.01611	3.2718	.61944	1.2818
Stddev	.0016	.075	.00023	.00028	.0014	.00110	.0046
%RSD	.08465	.18139	.08687	1.7202	.04442	.17711	.35517

#1	1.8983	41.226	.26017	.01592	3.2728	.62022	1.2786
#2	1.8960	41.332	.26049	.01631	3.2708	.61867	1.2850

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7228	.00840	.34929	9.7654	3.2148	.02965	3.4114
Stddev	.0309	.00055	.01015	.0096	.0374	.00059	.0138
%RSD	.31816	6.4891	2.9073	.09793	1.1630	1.9735	.40293

#1	9.7447	.00801	.34211	9.7586	3.2412	.02923	3.4211
#2	9.7009	.00878	.35648	9.7721	3.1883	.03006	3.4017

Sample Name: J5021-01 Acquired: 9/24/2018 16:30:47 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1829	5.806	.61875	F<.00000	15.729
Stddev	.0092	.001	.00139	.39326	.675
%RSD	.77323	.0233	.22472	1.2997	4.2918

#1	1.1894	5.807	.61974	-29.980	16.207
#2	1.1765	5.805	.61777	-30.537	15.252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.7	52533.	4570.0	95.171	2999.5
Stddev	1.4	71.	50.0	.271	5.4
%RSD	.06148	.13459	1.0940	.28428	.17912

#1	2315.7	52483.	4534.7	95.362	2995.7
#2	2317.7	52583.	4605.4	94.979	3003.3

Sample Name: CCV06 Acquired: 9/24/2018 16:34:39 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	4.9602	4.9823	4.9360	5.0305	5.0526	10.368	10.296	.25235
Stddev	.0086	.0112	.0031	.0126	.0086	.026	.052	.00009
%RSD	.17232	.22426	.06278	.24994	.16949	.24703	.50959	.03504
#1	4.9662	4.9744	4.9338	5.0394	5.0587	10.349	10.333	.25229
#2	4.9542	4.9902	4.9382	5.0217	5.0466	10.386	10.259	.25242
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4721	25.338	.99378	2.3766	1.2369	5.1215	2.5037	24.978
Stddev	.0014	.012	.00310	.0045	.0036	.1084	.0037	.008
%RSD	.05593	.04876	.31204	.18730	.28806	2.1172	.14824	.03354
#1	2.4711	25.347	.99159	2.3735	1.2394	5.0449	2.5011	24.972
#2	2.4731	25.329	.99597	2.3798	1.2343	5.1982	2.5064	24.983
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4651	1.2469	25.267	2.5127	2.5359	25.358	5.0679	5.0785
Stddev	.0044	.0013	.107	.0040	.0394	.227	.0058	.0127
%RSD	.17829	.10675	.42525	.16031	1.5520	.89629	.11410	.25013
#1	2.4620	1.2459	25.343	2.5099	2.5081	25.518	5.0720	5.0875
#2	2.4682	1.2478	25.191	2.5156	2.5638	25.197	5.0638	5.0695
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9304	4.8222	4.9455	5.0755	4.5346	5.119	5.0768	F 1.1472
Stddev	.0194	.0007	.0055	.0153	.0197	.015	.0283	.1035
%RSD	.39393	.01412	.11168	.30102	.43396	.2883	.55815	9.0213
#1	4.9441	4.8217	4.9416	5.0863	4.5485	5.129	5.0969	1.2203
#2	4.9166	4.8226	4.9494	5.0646	4.5207	5.108	5.0568	1.0740

Sample Name: CCV06 Acquired: 9/24/2018 16:34:39 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.7631
Stddev	.4698
%RSD	12.485

#1	3.4309
#2	4.0954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.2	46360.	3866.2	93.696	3177.7
Stddev	4.5	37.	14.5	1.442	1.0
%RSD	.22086	.07986	.37554	1.5388	.03103

#1	2052.9	46334.	3856.0	94.715	3177.0
#2	2059.4	46386.	3876.5	92.676	3178.4

Sample Name: CCB06 Acquired: 9/24/2018 16:38:25 Type: Unk
Method: P4-ICP2(v2452) 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	.00146	.00062	-.00115	-.00104	-.00199	.01175	-.00034
Stddev	.00024	.00028	.00081	.00360	.00283	.00208	.00030
%RSD	16.338	44.765	69.829	347.93	142.00	17.726	90.055

#1	.00163	.00082	-.00172	.00151	-.00399	.01322	-.00055
#2	.00129	.00042	-.00058	-.00358	.00001	.01028	-.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00015	-.01850	-.00043	.00016	-.00035	.00171
Stddev	.00010	.00011	.02140	.00036	.00006	.00004	.00830
%RSD	244.91	69.564	115.64	83.172	40.448	12.765	485.77

#1	-.00011	.00023	-.03364	-.00018	.00021	-.00032	.00758
#2	.00003	.00008	-.00337	-.00068	.00011	-.00038	-.00416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01500	.00030	.00060	-.43108	.00003	-.00060
Stddev	.00007	.04799	.00010	.00003	.01107	.00017	.00019
%RSD	149.84	319.85	34.676	4.3441	2.5683	493.36	31.935

#1	.00000	-.04894	.00037	.00058	-.43891	.00016	-.00046
#2	-.00009	.01893	.00022	.00062	-.42325	-.00009	-.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08094	.00062	.00490	-.00071	-.00634	.00011	-.00073
Stddev	.01077	.00013	.00450	.00619	.00179	.00039	.00251
%RSD	13.307	21.176	91.931	877.29	28.200	370.03	344.72

#1	-.07332	.00071	.00171	-.00508	-.00508	-.00017	-.00251
#2	-.08855	.00053	.00809	.00367	-.00760	.00038	.00105

Sample Name: CCB06 Acquired: 9/24/2018 16:38:25 Type: Unk
Method: P4-ICP2(v2452) 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 -.02531	-.0018	-.00006	F<.00000	F 1.0168
Stddev	.00103	.0000	.00004	.63387	.1265
%RSD	4.0651	1.549	63.914	29.254	12.438

#1	-.02604	-.0018	-.00003	-1.7186	1.1062
#2	-.02458	-.0018	-.00008	-2.6150	.92738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.0	48477.	3942.8	100.22	3600.9
Stddev	3.5	118.	10.6	1.32	3.0
%RSD	.16312	.24350	.26852	1.3143	.08346

#1	2131.5	48394.	3935.3	99.293	3598.8
#2	2136.4	48561.	3950.3	101.16	3603.1

Sample Name: J5021-05 Acquired: 9/24/2018 16:42:30 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17780	-.03895	.29799	-.05293	.00132	95.203	2.5674
Stddev	.00234	.00126	.00257	.00204	.00248	.553	.0013
%RSD	1.3144	3.2243	.86104	3.8550	188.25	.58104	.05210

#1	.17945	-.03984	.29980	-.05437	.00307	94.812	2.5664
#2	.17615	-.03806	.29618	-.05149	-.00044	95.594	2.5683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00706	.01781	71.160	.25129	.10631	.62785	331.81
Stddev	.00006	.00004	.073	.00346	.00005	.00202	1.23
%RSD	.83354	.21052	.10312	1.3758	.04563	.32104	.37217

#1	.00702	.01784	71.108	.24885	.10627	.62927	330.94
#2	.00710	.01778	71.212	.25373	.10634	.62642	332.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8269	40.815	.25634	.01583	2.8964	.68807	1.2161
Stddev	.0069	.054	.00108	.00025	.0033	.00380	.0030
%RSD	.37777	.13222	.42178	1.5838	.11360	.55221	.24536

#1	1.8220	40.777	.25558	.01600	2.8987	.68539	1.2140
#2	1.8318	40.853	.25711	.01565	2.8940	.69076	1.2182

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9275	.00751	.37888	12.095	3.1030	.03117	3.2112
Stddev	.0045	.00013	.01062	.065	.0060	.00016	.0132
%RSD	.05077	1.7757	2.8030	.54043	.19247	.51154	.41123

#1	8.9307	.00741	.37137	12.049	3.0988	.03106	3.2018
#2	8.9243	.00760	.38639	12.141	3.1072	.03129	3.2205

Sample Name: J5021-05 Acquired: 9/24/2018 16:42:30 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1082	5.862	.69639	F<.00000	15.279
Stddev	.0042	.001	.00009	.62006	.439
%RSD	.38139	.0218	.01359	1.8804	2.8719

#1	1.1052	5.862	.69632	-33.413	14.969
#2	1.1112	5.863	.69646	-32.536	15.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.5	56213.	4868.8	96.056	2998.3
Stddev	6.1	170.	7.3	.038	.2
%RSD	.24612	.30172	.15069	.03930	.00610

#1	2466.2	56333.	4863.6	96.083	2998.4
#2	2474.8	56093.	4874.0	96.030	2998.1

Sample Name: J5021-09 Acquired: 9/24/2018 16:46:20 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14990	-.03805	.22719	-.05361	.00094	112.11	2.5266
Stddev	.00325	.00432	.00043	.00128	.00123	.14	.0038
%RSD	2.1652	11.354	.18857	2.3854	130.53	.12323	.15116

#1	.15220	-.04111	.22689	-.05452	.00007	112.21	2.5239
#2	.14761	-.03500	.22749	-.05271	.00181	112.01	2.5293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	.01393	54.827	.25353	.10446	.54901	315.98
Stddev	.00015	.00065	.194	.00045	.00060	.00328	3.52
%RSD	2.5979	4.6858	.35392	.17554	.57478	.59732	1.1129

#1	.00596	.01439	54.689	.25385	.10488	.55133	313.49
#2	.00575	.01347	54.964	.25322	.10403	.54669	318.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9131	38.859	.24980	.01424	22.929	.59087	1.2679
Stddev	.0045	.340	.00024	.00040	.053	.00200	.0177
%RSD	.23318	.87416	.09638	2.7935	.23236	.33909	1.3990

#1	1.9100	38.619	.24963	.01396	22.892	.58945	1.2554
#2	1.9163	39.099	.24997	.01453	22.967	.59228	1.2804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5086	.00644	.38101	8.8861	4.2052	.02827	3.8094
Stddev	.0032	.00014	.01161	.0630	.0471	.00030	.0237
%RSD	.04224	2.1545	3.0476	.70852	1.1203	1.0469	.62274

#1	7.5108	.00654	.37280	8.9306	4.1719	.02848	3.7926
#2	7.5063	.00634	.38922	8.8416	4.2385	.02806	3.8262

Sample Name: J5021-09 Acquired: 9/24/2018 16:46:20 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0560	5.467	.58602	F<.00000	15.463
Stddev	.0053	.039	.00167	.48850	.365
%RSD	.50027	.7049	.28414	1.7485	2.3609

#1	1.0523	5.494	.58485	-27.593	15.205
#2	1.0597	5.440	.58720	-28.284	15.721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.4	52480.	4549.8	94.453	2997.6
Stddev	2.9	5.	20.4	1.377	5.1
%RSD	.12439	.00895	.44832	1.4580	.16906

#1	2334.3	52484.	4564.3	95.427	2994.1
#2	2338.4	52477.	4535.4	93.480	3001.2

Sample Name: J5021-13 Acquired: 9/24/2018 16:50:17 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19146	-.03336	.27961	-.06280	.00114	97.601	2.7948
Stddev	.00176	.00159	.00374	.00674	.00203	.201	.0172
%RSD	.91772	4.7720	1.3393	10.739	177.15	.20545	.61656

#1	.19270	-.03449	.28226	-.06757	-.00029	97.743	2.7826
#2	.19022	-.03224	.27697	-.05804	.00258	97.460	2.8070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00713	.01537	53.714	.25652	.10363	.67760	333.78
Stddev	.00005	.00023	.346	.00014	.00002	.00251	.26
%RSD	.69317	1.5105	.64354	.05582	.02200	.37102	.07775

#1	.00716	.01521	53.470	.25642	.10362	.67938	333.96
#2	.00709	.01554	53.958	.25662	.10365	.67582	333.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0014	35.332	.25309	.01483	2.6582	.68034	1.2596
Stddev	.0031	.488	.00104	.00031	.0423	.00306	.0044
%RSD	.15637	1.3811	.41031	2.1207	1.5914	.44976	.34945

#1	2.0036	34.987	.25236	.01505	2.6283	.67817	1.2565
#2	1.9992	35.677	.25383	.01461	2.6881	.68250	1.2627

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4632	.00740	.46659	10.338	3.6760	.02870	3.3340
Stddev	.0775	.00040	.00769	.002	.0746	.00016	.0004
%RSD	.91588	5.4132	1.6490	.01782	2.0305	.54568	.01297

#1	8.4084	.00712	.47203	10.336	3.6232	.02881	3.3337
#2	8.5180	.00768	.46115	10.339	3.7288	.02859	3.3343

Sample Name: J5021-13 Acquired: 9/24/2018 16:50:17 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0491	6.433	.62135	F<.00000	16.202
Stddev	.0085	.006	.00574	1.2852	.295
%RSD	.80921	.1008	.92322	4.3128	1.8178

#1	1.0551	6.438	.61729	-28.890	16.410
#2	1.0431	6.429	.62541	-30.707	15.994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.1	52923.	4584.4	95.089	3010.1
Stddev	8.1	299.	43.3	.023	1.3
%RSD	.34796	.56424	.94422	.02377	.04484

#1	2327.4	52712.	4615.0	95.105	3009.1
#2	2338.9	53134.	4553.8	95.073	3011.0

Sample Name: J5021-17 Acquired: 9/24/2018 16:54:07 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26089	-.04463	.20501	-.06536	-.00202	96.926	3.3158
Stddev	.00438	.00509	.00256	.00546	.00025	.415	.0038
%RSD	1.6786	11.402	1.2481	8.3539	12.415	.42801	.11389

#1	.25780	-.04823	.20682	-.06150	-.00184	96.633	3.3184
#2	.26399	-.04103	.20320	-.06922	-.00219	97.220	3.3131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00910	.01867	87.640	.29394	.10045	.47717	370.53
Stddev	.00009	.00018	.365	.00371	.00005	.00013	4.80
%RSD	.95812	.97569	.41607	1.2636	.04599	.02812	1.2948

#1	.00916	.01854	87.898	.29656	.10048	.47708	373.92
#2	.00904	.01880	87.382	.29131	.10042	.47727	367.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2847	37.775	.27013	.01649	3.1166	1.0088	1.1714
Stddev	.0004	.138	.00131	.00007	.0010	.0032	.0121
%RSD	.01680	.36487	.48610	.40053	.03314	.31625	1.0287

#1	2.2844	37.873	.27106	.01654	3.1159	1.0111	1.1800
#2	2.2849	37.678	.26920	.01645	3.1173	1.0066	1.1629

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1864	.00868	.44586	8.8941	5.5273	.03000	3.9300
Stddev	.0078	.00008	.00411	.0049	.0207	.00004	.0091
%RSD	.08454	.93628	.92253	.05499	.37388	.14733	.23245

#1	9.1919	.00862	.44295	8.8976	5.5419	.03004	3.9364
#2	9.1809	.00874	.44877	8.8907	5.5127	.02997	3.9235

Sample Name: J5021-17 Acquired: 9/24/2018 16:54:07 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-E Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.96306	7.322	1.0450	F<.00000	16.195
Stddev	.00051	.025	.0007	.41093	.937
%RSD	.05267	.3410	.06608	1.2272	5.7871

#1	.96270	7.339	1.0455	-33.193	15.533
#2	.96341	7.304	1.0445	-33.774	16.858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.7	53428.	4614.3	96.437	2983.9
Stddev	.9	82.	2.1	1.042	.1
%RSD	.04052	.15370	.04552	1.0808	.00458

#1	2344.4	53486.	4612.9	95.700	2983.8
#2	2343.1	53370.	4615.8	97.174	2984.0

Sample Name: J5023-01 Acquired: 9/24/2018 16:57:57 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03341	-.03890	1.1444	-.02214	-.00373	35.550	.62957
Stddev	.00197	.00133	.0005	.00413	.00191	.008	.00326
%RSD	5.8917	3.4143	.04340	18.637	51.272	.02274	.51708

#1	.03202	-.03796	1.1448	-.02506	-.00237	35.544	.62727
#2	.03480	-.03983	1.1441	-.01923	-.00508	35.555	.63187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	.02521	47.869	.08658	.09887	.23223	239.63
Stddev	.00001	.00042	.255	.00081	.00026	.00084	4.36
%RSD	.48967	1.6632	.53215	.93160	.26579	.36139	1.8214

#1	.00298	.02550	47.689	.08715	.09905	.23283	236.54
#2	.00300	.02491	48.049	.08601	.09868	.23164	242.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98568	30.493	.13307	.01322	.18036	.15403	1.9661
Stddev	.00131	.324	.00042	.00050	.01135	.00089	.0416
%RSD	.13288	1.0619	.31897	3.7502	6.2908	.57724	2.1181

#1	.98476	30.264	.13277	.01287	.17234	.15465	1.9367
#2	.98661	30.722	.13337	.01358	.18838	.15340	1.9956

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.897	.00239	.15687	8.3964	.91435	.12352	3.0483
Stddev	.075	.00020	.00670	.0240	.00934	.00024	.0009
%RSD	.50332	8.2324	4.2687	.28566	1.0219	.19305	.03086

#1	14.844	.00225	.15213	8.3794	.92096	.12335	3.0476
#2	14.950	.00253	.16160	8.4134	.90775	.12369	3.0489

Sample Name: J5023-01 Acquired: 9/24/2018 16:57:57 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-PIT-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.76442	14.37	.09936	F<.00000	16.319
Stddev	.00977	.05	.00015	.90737	.342
%RSD	1.2778	.3444	.15377	2.1681	2.0987

#1	.75751	14.40	.09946	-42.493	16.077
#2	.77133	14.33	.09925	-41.209	16.562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.6	71883.	6105.0	95.399	3107.7
Stddev	3.9	226.	52.6	1.991	6.7
%RSD	.12561	.31494	.86156	2.0874	.21580

#1	3127.8	72043.	6142.2	96.807	3102.9
#2	3133.4	71723.	6067.9	93.991	3112.4

Sample Name: J5023-05 Acquired: 9/24/2018 17:01:48 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04609	-.03556	1.5687	-.05316	-.00034	34.291	.47188
Stddev	.00044	.00153	.0047	.00330	.00209	.014	.00057
%RSD	.96293	4.3025	.30236	6.2075	611.01	.04201	.12098

#1	.04578	-.03664	1.5654	-.05083	-.00182	34.280	.47228
#2	.04640	-.03447	1.5721	-.05549	.00113	34.301	.47147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	.01332	26.461	.08335	.10129	.37838	394.82
Stddev	.00015	.00057	.048	.00061	.00004	.00300	1.64
%RSD	6.3384	4.2811	.18253	.73465	.04362	.79196	.41510

#1	.00250	.01292	26.495	.08378	.10132	.37627	395.98
#2	.00228	.01372	26.427	.08292	.10125	.38050	393.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7881	26.597	.18317	.02254	.30326	.17611	2.5707
Stddev	.0015	.078	.00110	.00005	.00249	.00091	.0160
%RSD	.08207	.29227	.60049	.22008	.82099	.51620	.62454

#1	1.7871	26.652	.18239	.02251	.30150	.17675	2.5820
#2	1.7892	26.542	.18395	.02258	.30502	.17547	2.5593

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.512	.01294	.20007	20.313	.78097	3.2186	2.6723
Stddev	.045	.00007	.00950	.092	.00846	.0035	.0047
%RSD	.31002	.54218	4.7501	.45272	1.0834	.10846	.17670

#1	14.544	.01299	.20679	20.248	.78695	3.2161	2.6690
#2	14.480	.01289	.19335	20.378	.77499	3.2210	2.6757

Sample Name: J5023-05 Acquired: 9/24/2018 17:01:48 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-PIT-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.72014	9.475	.07229	F<.00000	16.775
Stddev	.00235	.055	.00026	.63588	.262
%RSD	.32660	.5824	.36284	1.2927	1.5638

#1	.71848	9.436	.07248	-49.639	16.961
#2	.72180	9.514	.07211	-48.740	16.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.3	65648.	5602.2	95.762	3090.1
Stddev	1.4	82.	22.4	.543	4.1
%RSD	.04716	.12541	.40069	.56700	.13394

#1	2864.4	65590.	5586.3	95.378	3087.2
#2	2866.3	65706.	5618.1	96.146	3093.1

Sample Name: J5023-09 Acquired: 9/24/2018 17:05:38 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05308	-.03994	.19576	-.05646	-.00417	99.431	.86044
Stddev	.00106	.00101	.00075	.00080	.00040	.341	.00263
%RSD	1.9950	2.5206	.38353	1.4147	9.5434	.34305	.30559

#1	.05383	-.04066	.19523	-.05702	-.00445	99.189	.85858
#2	.05234	-.03923	.19629	-.05589	-.00389	99.672	.86230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00438	.01237	91.022	.24133	.15468	.53197	326.27
Stddev	.00012	.00075	.273	.00191	.00014	.00353	4.63
%RSD	2.8152	6.0701	.30014	.79236	.08873	.66365	1.4197

#1	.00447	.01291	90.829	.24268	.15459	.53447	322.99
#2	.00429	.01184	91.215	.23998	.15478	.52947	329.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2152	95.921	.31482	.01539	3.2849	.35019	.97224
Stddev	.0014	.467	.00116	.00009	.0048	.00051	.01110
%RSD	.02251	.48641	.36858	.56622	.14619	.14463	1.1418

#1	6.2142	95.592	.31400	.01533	3.2883	.34983	.96439
#2	6.2162	96.251	.31564	.01545	3.2815	.35055	.98009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.501	.00026	.14353	1.7315	1.1880	.05033	3.6409
Stddev	.070	.00029	.00129	.0035	.0100	.00131	.0122
%RSD	.66183	110.28	.89671	.20407	.84295	2.5990	.33625

#1	10.452	.00046	.14444	1.7290	1.1951	.05126	3.6322
#2	10.551	.00006	.14262	1.7340	1.1809	.04941	3.6495

Sample Name: J5023-09 Acquired: 9/24/2018 17:05:38 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-PIT-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1327	8.043	.24937	F<.00000	17.096
Stddev	.0250	.028	.00073	1.8718	.966
%RSD	1.1738	.3425	.29290	6.0721	5.6496

#1	2.1150	8.024	.24885	-32.149	16.413
#2	2.1504	8.063	.24989	-29.502	17.779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.0	55353.	4748.7	93.920	2922.8
Stddev	8.5	22.	1.0	1.014	2.6
%RSD	.35074	.04006	.02188	1.0798	.08864

#1	2415.0	55369.	4749.4	94.637	2924.7
#2	2427.0	55337.	4748.0	93.203	2921.0

Sample Name: J5025-01 Acquired: 9/24/2018 17:09:35 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04789	-.00316	.02012	-.01939	-.00119	26.565	.04591
Stddev	.00114	.00032	.00079	.00430	.00203	.342	.00041
%RSD	2.3708	10.181	3.9339	22.172	170.15	1.2890	.90150

#1	.04709	-.00338	.02068	-.02243	.00024	26.323	.04620
#2	.04869	-.00293	.01956	-.01635	-.00263	26.808	.04562

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	.00143	6.8719	.12244	.00124	.06067	87.501
Stddev	.00001	.00000	.0280	.00140	.00001	.00005	1.450
%RSD	1.7659	.32959	.40684	1.1420	1.1763	.08325	1.6569

#1	-.00049	.00142	6.8521	.12145	.00123	.06063	86.476
#2	-.00050	.00143	6.8917	.12343	.00125	.06071	88.526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09913	1.3558	.00458	.00376	-.02435	.19127	.05585
Stddev	.00248	.0291	.00006	.00068	.00658	.00470	.00130
%RSD	2.4971	2.1473	1.3806	18.178	27.000	2.4573	2.3230

#1	.09738	1.3763	.00463	.00424	-.01970	.18795	.05494
#2	.10088	1.3352	.00454	.00328	-.02900	.19460	.05677

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9320	.00353	.01790	1.5747	1.2360	.00285	.30179
Stddev	.0284	.00020	.00949	.0078	.0033	.00051	.00218
%RSD	1.4695	5.5634	53.006	.49725	.26650	18.026	.72238

#1	1.9119	.00339	.01119	1.5803	1.2383	.00249	.30025
#2	1.9521	.00366	.02461	1.5692	1.2337	.00321	.30333

Sample Name: J5025-01 Acquired: 9/24/2018 17:09:35 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-041 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	.7009	.02991	F<.00000	14.442
Stddev	.00057	.0024	.00010	.34709	.541
%RSD	17.776	.3420	.35006	2.9045	3.7453
#1	-.00280	.7026	.02998	-11.704	14.060
#2	-.00360	.6992	.02984	-12.195	14.825
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.8	51039.	4246.0	100.03	3451.4
Stddev	6.8	710.	1.1	1.69	14.4
%RSD	.30527	1.3919	.02524	1.6875	.41703
#1	2234.0	51541.	4245.2	101.22	3441.3
#2	2243.6	50537.	4246.8	98.836	3461.6

Sample Name: J4770-01 Acquired: 9/24/2018 17:13:34 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08642	-.02329	3.1107	-.03756	.02859	78.055	1.4334
Stddev	.00193	.00602	.0053	.00232	.00148	.520	.0112
%RSD	2.2338	25.862	.17084	6.1805	5.1697	.66655	.77997

#1	.08505	-.01903	3.1069	-.03920	.02754	77.687	1.4413
#2	.08778	-.02755	3.1144	-.03592	.02963	78.423	1.4255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00390	.01567	114.06	.22668	.08534	.80836	249.43
Stddev	.00022	.00045	1.07	.00166	.00062	.00037	1.77
%RSD	5.7528	2.8407	.93885	.73133	.72590	.04609	.70922

#1	.00374	.01598	114.82	.22785	.08578	.80809	248.18
#2	.00406	.01535	113.30	.22551	.08490	.80862	250.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5096	47.760	.23798	.01228	5.0758	.30026	3.6763
Stddev	.0043	.596	.00007	.00040	.0214	.00149	.0159
%RSD	.12273	1.2481	.02852	3.2387	.42107	.49676	.43222

#1	3.5066	48.182	.23793	.01200	5.0909	.30131	3.6650
#2	3.5127	47.339	.23802	.01257	5.0607	.29920	3.6875

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.387	.00831	.10671	19.322	4.9049	.29539	2.0442
Stddev	.112	.00016	.00089	.008	.0543	.00267	.0137
%RSD	1.0791	1.9186	.83663	.04242	1.1069	.90404	.66991

#1	10.466	.00820	.10608	19.316	4.9433	.29351	2.0539
#2	10.308	.00842	.10734	19.328	4.8665	.29728	2.0345

Sample Name: J4770-01 Acquired: 9/24/2018 17:13:34 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3011	6.695	.39496	F<.00000	17.569
Stddev	.0164	.021	.00220	.23735	.950
%RSD	1.2629	.3125	.55625	1.0630	5.4074

#1	1.3127	6.680	.39651	-22.161	18.241
#2	1.2895	6.709	.39340	-22.497	16.897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.6	52939.	4637.2	96.180	3040.6
Stddev	6.5	73.	52.8	.229	9.0
%RSD	.27856	.13700	1.1393	.23793	.29683

#1	2326.0	52990.	4599.8	96.342	3034.2
#2	2335.2	52888.	4674.5	96.018	3047.0

Sample Name: J4770-01DUP Acquired: 9/24/2018 17:17:26 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07993	-.02404	3.1370	-.03968	.03096	78.511	1.4594
Stddev	.00227	.00002	.0015	.00183	.00045	.446	.0016
%RSD	2.8368	.06330	.04855	4.6115	1.4469	.56810	.11231

#1	.07833	-.02403	3.1359	-.04098	.03128	78.196	1.4583
#2	.08154	-.02405	3.1381	-.03839	.03065	78.827	1.4606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	.01651	118.47	.22952	.08587	.82011	249.08
Stddev	.00010	.00004	.14	.00328	.00023	.00282	.34
%RSD	2.5769	.21497	.11544	1.4287	.26762	.34376	.13728

#1	.00372	.01649	118.38	.22720	.08570	.81811	248.84
#2	.00386	.01654	118.57	.23184	.08603	.82210	249.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5674	49.907	.23967	.01281	5.1574	.30109	3.6314
Stddev	.0061	.030	.00138	.00013	.0011	.00240	.0017
%RSD	.16976	.06006	.57577	1.0249	.02163	.79754	.04547

#1	3.5631	49.886	.23869	.01290	5.1582	.29939	3.6326
#2	3.5716	49.929	.24064	.01272	5.1566	.30279	3.6303

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.574	.00839	.08679	19.445	5.1542	.29658	2.0703
Stddev	.049	.00028	.00033	.008	.0428	.00193	.0123
%RSD	.46497	3.3771	.38261	.04181	.82966	.65199	.59457

#1	10.540	.00859	.08655	19.451	5.1240	.29522	2.0790
#2	10.609	.00819	.08702	19.439	5.1845	.29795	2.0616

Sample Name: J4770-01DUP Acquired: 9/24/2018 17:17:26 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3144	6.809	.40118	F<.00000	19.010
Stddev	.0083	.015	.00033	.10971	.256
%RSD	.62999	.2196	.08286	.48271	1.3458
#1	1.3202	6.799	.40095	-22.651	18.829
#2	1.3085	6.820	.40142	-22.806	19.191
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.3	52769.	4592.9	97.202	3012.9
Stddev	7.4	56.	.2	.172	8.4
%RSD	.32059	.10529	.00458	.17730	.27726
#1	2318.5	52808.	4592.8	97.080	3018.9
#2	2308.0	52730.	4593.1	97.324	3007.0

Sample Name: CCV07 Acquired: 9/24/2018 17:21:18 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13867 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9473	4.9742	4.9019	5.0514	5.0478	10.429	10.414	.25110
Stddev	.0138	.0023	.0045	.0212	.0187	.071	.309	.00047
%RSD	.27827	.04660	.09125	.42050	.36966	.67721	2.9659	.18604
#1	4.9570	4.9758	4.8987	5.0665	5.0610	10.379	10.633	.25077
#2	4.9376	4.9726	4.9051	5.0364	5.0346	10.479	10.196	.25143
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4574	25.723	.99195	2.3625	1.2343	5.0374	2.4792	25.329
Stddev	.0008	.669	.00238	.0011	.0035	.1151	.0078	.702
%RSD	.03037	2.5990	.24030	.04706	.28720	2.2844	.31287	2.7718
#1	2.4569	26.196	.99026	2.3617	1.2369	5.1188	2.4738	25.825
#2	2.4580	25.251	.99363	2.3633	1.2318	4.9561	2.4847	24.832
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4557	1.2482	25.521	2.4964	2.4597	25.600	5.0731	5.1055
Stddev	.0055	.0028	.731	.0089	.0651	.745	.0157	.1455
%RSD	.22176	.22182	2.8661	.35689	2.6480	2.9089	.30929	2.8489
#1	2.4519	1.2463	26.038	2.4901	2.5057	26.126	5.0842	5.2084
#2	2.4596	1.2502	25.003	2.5027	2.4136	25.073	5.0620	5.0027
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9584	4.9173	4.9454	5.1331	4.6102	5.099	5.0575	F 1.1613
Stddev	.0029	.1403	.0157	.1364	.1270	.015	.1851	.0810
%RSD	.05860	2.8527	.31734	2.6581	2.7541	.2992	3.6601	6.9733
#1	4.9564	5.0165	4.9343	5.2296	4.6999	5.110	5.1884	1.2185
#2	4.9605	4.8181	4.9565	5.0366	4.5204	5.088	4.9266	1.1040

Sample Name: CCV07 Acquired: 9/24/2018 17:21:18 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13867 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.2878
 Stddev .0144
 %RSD .43848

#1 3.2980
 #2 3.2777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.9	46502.	3841.6	96.194	3178.8
Stddev	11.0	63.	110.6	2.817	8.5
%RSD	.53286	.13631	2.8802	2.9290	.26755

#1	2048.2	46547.	3763.4	94.202	3172.8
#2	2063.7	46457.	3919.8	98.186	3184.8

Sample Name: CCB07 Acquired: 9/24/2018 17:25:07 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13867 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00268	.00234	-.00179	-.00128	-.00108	.01215	-.00050
Stddev	.00256	.00046	.00003	.00005	.00011	.00329	.00000
%RSD	95.496	19.734	1.7943	3.7004	9.8807	27.083	.18638

#1	.00087	.00267	-.00176	-.00125	-.00100	.01448	-.00050
#2	.00450	.00202	-.00181	-.00132	-.00115	.00983	-.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00028	.00211	.00000	.00024	-.00062	.01039
Stddev	.00004	.00005	.00190	.00009	.00012	.00034	.00080
%RSD	219.74	17.555	89.931	14644.	51.499	55.124	7.6804

#1	-.00004	.00024	.00077	.00007	.00015	-.00038	.01096
#2	.00001	.00031	.00345	-.00007	.00032	-.00086	.00983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00549	.00004	.00012	-.43042	.00017	-.00054
Stddev	.00000	.01111	.00010	.00003	.00290	.00015	.00003
%RSD	4.4512	202.32	240.96	24.587	.67317	90.518	5.6771

#1	-.00010	-.01335	-.00003	.00015	-.43247	.00006	-.00052
#2	-.00011	.00237	.00011	.00010	-.42837	.00028	-.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07920	.00047	-.00137	.00029	-.00148	-.00031	-.00112
Stddev	.03241	.00022	.00888	.00004	.00104	.00098	.00059
%RSD	40.925	46.520	648.17	12.135	70.295	315.88	52.841

#1	-.10211	.00062	.00491	.00027	-.00075	.00038	-.00153
#2	-.05628	.00031	-.00765	.00032	-.00222	-.00101	-.00070

Sample Name: CCB07 Acquired: 9/24/2018 17:25:07 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13867 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01684	-.0012	-.00013	F<.00000	F 1.1169
Stddev	.00474	.0007	.00006	.12970	.3508
%RSD	28.140	61.24	42.657	8.3887	31.410

#1	-.02019	-.0017	-.00017	-1.4544	.86885
#2	-.01349	-.0007	-.00009	-1.6378	1.3650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.9	48558.	3900.6	98.805	3605.8
Stddev	12.8	67.	25.8	.959	15.8
%RSD	.59532	.13734	.66028	.97047	.43858

#1	2132.9	48606.	3918.8	99.483	3594.6
#2	2151.0	48511.	3882.4	98.127	3617.0

Sample Name: J4770-01LX5 Acquired: 9/24/2018 17:29:12 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01835	-.00266	.62261	-.01027	.00347	20.349	.32254
Stddev	.00078	.00040	.00017	.00146	.00239	.080	.00241
%RSD	4.2393	15.126	.02752	14.181	68.894	.39286	.74717

#1	.01780	-.00294	.62274	-.00924	.00516	20.293	.32084
#2	.01890	-.00237	.62249	-.01129	.00178	20.406	.32425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.00224	27.367	.05611	.01675	.18775	51.221
Stddev	.00001	.00005	.114	.00045	.00012	.00021	.710
%RSD	2.3052	2.4527	.41638	.79981	.70738	.11417	1.3860

#1	.00058	.00228	27.286	.05643	.01684	.18759	50.719
#2	.00056	.00220	27.447	.05579	.01667	.18790	51.723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82533	11.425	.04867	.00238	.77872	.06605	.77774
Stddev	.00019	.032	.00013	.00004	.00678	.00045	.01082
%RSD	.02255	.27682	.26900	1.7809	.87117	.67924	1.3908

#1	.82546	11.403	.04877	.00241	.77392	.06637	.77009
#2	.82520	11.447	.04858	.00235	.78352	.06574	.78539

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1980	.00244	.00924	3.5498	1.1422	.05657	.45683
Stddev	.0261	.00044	.00680	.0020	.0192	.00044	.00042
%RSD	1.1861	18.097	73.588	.05693	1.6783	.77030	.09183

#1	2.1796	.00213	.01404	3.5513	1.1287	.05626	.45654
#2	2.2164	.00275	.00443	3.5484	1.1558	.05688	.45713

Sample Name: J4770-01LX5 Acquired: 9/24/2018 17:29:12 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25566	1.281	.08990	F<.00000	14.744
Stddev	.01066	.008	.00004	.05878	.300
%RSD	4.1704	.6043	.04443	.88952	2.0347

#1	.24812	1.286	.08993	-6.5667	14.957
#2	.26320	1.275	.08987	-6.6499	14.532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.1	49408.	4084.3	97.131	3373.1
Stddev	10.2	104.	12.7	1.012	15.7
%RSD	.46995	.20980	.31197	1.0419	.46469

#1	2166.9	49335.	4093.4	97.846	3362.0
#2	2181.4	49482.	4075.3	96.415	3384.2

Sample Name: J4770-01MS Acquired: 9/24/2018 17:33:08 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81810	2.0398	4.0949	1.7922	.75206	78.410	1.6250
Stddev	.00523	.0038	.0172	.0017	.00002	.115	.0063
%RSD	.63948	.18569	.42094	.09693	.00256	.14699	.38607

#1	.82179	2.0371	4.1071	1.7935	.75208	78.492	1.6205
#2	.81440	2.0425	4.0827	1.7910	.75205	78.329	1.6294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18550	.22301	120.97	.56401	.27762	1.0681	251.81
Stddev	.00064	.00045	.49	.00097	.00032	.0011	4.24
%RSD	.34413	.20373	.40094	.17250	.11562	.10603	1.6843

#1	.18505	.22269	120.63	.56470	.27784	1.0689	254.81
#2	.18596	.22333	121.32	.56332	.27739	1.0673	248.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7265	52.424	.73216	.07971	7.8399	.55844	3.7930
Stddev	.0049	.400	.00105	.00040	.0486	.00034	.0833
%RSD	.13129	.76241	.14379	.49820	.62008	.06017	2.1971

#1	3.7230	52.141	.73142	.07943	7.8055	.55867	3.8520
#2	3.7299	52.706	.73290	.07999	7.8743	.55820	3.7341

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.574	.36812	.35603	18.942	5.7258	1.0012	2.2113
Stddev	.054	.00008	.01857	.032	.0540	.0023	.0161
%RSD	.27624	.02149	5.2164	.16748	.94240	.23354	.72861

#1	19.535	.36807	.36916	18.920	5.7640	1.0029	2.1999
#2	19.612	.36818	.34289	18.965	5.6877	.99955	2.2227

Sample Name: J4770-01MS Acquired: 9/24/2018 17:33:08 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.8923	12.76	.57018	F<.00000	15.076
Stddev	.0188	.01	.00268	.37730	.943
%RSD	.65105	.0560	.46976	1.7836	6.2556
#1	2.8790	12.77	.56829	-21.420	15.743
#2	2.9056	12.76	.57207	-20.886	14.409
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.1	52430.	4560.3	95.843	2986.3
Stddev	6.7	62.	3.7	2.158	6.5
%RSD	.29138	.11793	.08117	2.2519	.21662
#1	2290.4	52386.	4557.7	94.317	2981.7
#2	2299.8	52474.	4562.9	97.370	2990.9

Sample Name: J4770-01MSD Acquired: 9/24/2018 17:36:54 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81661	2.0408	4.0870	1.8014	.75292	78.262	1.6274
Stddev	.00226	.0066	.0048	.0029	.00052	.284	.0016
%RSD	.27644	.32162	.11637	.16197	.06840	.36346	.09827

#1	.81502	2.0362	4.0836	1.8035	.75329	78.463	1.6286
#2	.81821	2.0455	4.0904	1.7993	.75256	78.061	1.6263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18534	.22306	121.14	.56341	.27775	1.0649	252.36
Stddev	.00029	.00029	.14	.00117	.00127	.0026	1.37
%RSD	.15588	.13054	.11205	.20845	.45679	.24320	.54323

#1	.18555	.22285	121.04	.56424	.27685	1.0667	253.33
#2	.18514	.22326	121.24	.56258	.27864	1.0630	251.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7210	52.713	.73213	.07981	7.8345	.55710	3.7937
Stddev	.0099	.208	.00150	.00020	.0015	.00024	.0064
%RSD	.26610	.39393	.20534	.24619	.01981	.04383	.16921

#1	3.7280	52.860	.73107	.07995	7.8334	.55692	3.7982
#2	3.7140	52.566	.73319	.07967	7.8356	.55727	3.7892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.635	.36650	.36696	18.992	5.7234	1.0037	2.2133
Stddev	.002	.00140	.01523	.059	.0303	.0031	.0063
%RSD	.00922	.38215	4.1516	.31264	.52936	.30730	.28520

#1	19.634	.36749	.37774	18.950	5.7019	1.0015	2.2177
#2	19.636	.36551	.35619	19.034	5.7448	1.0059	2.2088

Sample Name: J4770-01MSD Acquired: 9/24/2018 17:36:54 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.8934	12.79	.57037	F<.00000	17.552
Stddev	.0047	.04	.00007	.16666	.973
%RSD	.16353	.3041	.01243	.78746	5.5411

#1	2.8900	12.76	.57042	-21.046	16.865
#2	2.8967	12.82	.57032	-21.282	18.240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.9	52547.	4564.5	95.746	2990.8
Stddev	8.3	124.	23.4	.326	.0
%RSD	.35893	.23613	.51208	.34027	.00086

#1	2297.0	52459.	4581.1	95.515	2990.8
#2	2308.7	52634.	4548.0	95.976	2990.8

Sample Name: J4770-01A Acquired: 9/24/2018 17:40:41 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7477 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81382	2.0444	4.0806	1.7925	.75197	78.066	1.6198
Stddev	.00023	.0074	.0284	.0074	.00315	.129	.0052
%RSD	.02770	.36058	.69530	.41080	.41934	.16482	.32291

#1	.81366	2.0392	4.1006	1.7873	.75420	77.975	1.6235
#2	.81398	2.0496	4.0605	1.7977	.74974	78.157	1.6161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18570	.22179	120.16	.56277	.27718	1.0633	252.17
Stddev	.00106	.00026	.47	.00130	.00051	.0025	2.08
%RSD	.56914	.11883	.39485	.23110	.18497	.23817	.82421

#1	.18495	.22161	120.49	.56369	.27682	1.0615	253.64
#2	.18644	.22198	119.82	.56185	.27754	1.0651	250.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7093	52.054	.73204	.07939	7.8166	.55565	3.7703
Stddev	.0133	.316	.00007	.00056	.0295	.00234	.0281
%RSD	.35811	.60714	.00936	.71011	.37704	.42126	.74585

#1	3.6999	52.278	.73209	.07979	7.8374	.55400	3.7902
#2	3.7187	51.831	.73199	.07899	7.7958	.55731	3.7505

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.531	.36739	.36368	19.045	5.7033	.99736	2.2113
Stddev	.020	.00007	.00475	.007	.0771	.00287	.0080
%RSD	.10370	.01951	1.3070	.03727	1.3525	.28783	.35977

#1	19.545	.36744	.36704	19.050	5.7579	.99533	2.2056
#2	19.516	.36734	.36032	19.040	5.6488	.99939	2.2169

Sample Name: J4770-01A Acquired: 9/24/2018 17:40:41 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7477 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.9089	12.80	.56712	F<.00000	16.770
Stddev	.0102	.03	.00275	.10382	.426
%RSD	.35002	.2201	.48548	.48188	2.5389

#1	2.9017	12.82	.56906	-21.471	17.072
#2	2.9161	12.78	.56517	-21.618	16.469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.0	52622.	4593.0	96.253	2995.9
Stddev	15.9	18.	14.5	.780	20.9
%RSD	.68849	.03396	.31661	.81066	.69680

#1	2294.7	52634.	4582.7	95.701	2981.2
#2	2317.2	52609.	4603.3	96.805	3010.7

Sample Name: J4770-03 Acquired: 9/24/2018 17:44:26 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03471	-.01910	.54933	-.02932	-.00034	60.709	.55550
Stddev	.00072	.00092	.00196	.00100	.00039	.074	.00229
%RSD	2.0715	4.7950	.35591	3.3958	114.13	.12222	.41169

#1	.03421	-.01845	.54795	-.02862	-.00007	60.656	.55388
#2	.03522	-.01974	.55071	-.03002	-.00062	60.761	.55711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	.00472	33.444	.15008	.05489	.24889	164.84
Stddev	.00011	.00051	.142	.00037	.00034	.00048	2.15
%RSD	5.7640	10.890	.42362	.24394	.61090	.19297	1.3034

#1	.00194	.00436	33.344	.14982	.05465	.24855	166.36
#2	.00179	.00509	33.544	.15034	.05512	.24923	163.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2807	27.027	.12133	.00718	3.9388	.20733	.69071
Stddev	.0013	.021	.00070	.00036	.0222	.00127	.00846
%RSD	.05576	.07618	.57581	5.0821	.56492	.61485	1.2254

#1	2.2816	27.042	.12183	.00744	3.9230	.20823	.69670
#2	2.2798	27.012	.12084	.00692	3.9545	.20642	.68473

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.543	.00264	.05059	4.3228	4.5931	.05075	2.3287
Stddev	.100	.00004	.01864	.0188	.0679	.00037	.0002
%RSD	.95193	1.3971	36.844	.43576	1.4778	.73589	.00926

#1	10.472	.00267	.06377	4.3095	4.5451	.05049	2.3289
#2	10.614	.00262	.03741	4.3361	4.6411	.05102	2.3285

Sample Name: J4770-03 Acquired: 9/24/2018 17:44:26 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.87157	3.211	.16369	F<.00000	17.754
Stddev	.01704	.004	.00075	.25191	.563
%RSD	1.9550	.1195	.46066	1.4225	3.1713

#1	.85952	3.214	.16316	-17.531	18.152
#2	.88362	3.209	.16422	-17.887	17.356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.3	52073.	4414.4	97.769	3217.4
Stddev	9.4	159.	8.1	1.518	9.1
%RSD	.41271	.30574	.18424	1.5529	.28260

#1	2261.7	51961.	4420.1	96.696	3211.0
#2	2275.0	52186.	4408.6	98.843	3223.8

Sample Name: J4770-05 Acquired: 9/24/2018 17:48:19 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05719	-.02595	1.3002	-.03577	.00240	77.547	.99962
Stddev	.00372	.00425	.0045	.00086	.00344	.527	.00070
%RSD	6.5005	16.372	.34490	2.4152	143.68	.67904	.06963

#1	.05456	-.02896	1.2971	-.03638	-.00004	77.174	1.0001
#2	.05982	-.02295	1.3034	-.03516	.00483	77.919	.99913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00334	.00886	94.390	.16445	.10948	.44792	208.82
Stddev	.00007	.00004	.108	.00104	.00059	.00096	.45
%RSD	2.1796	.46911	.11410	.63308	.53554	.21450	.21370

#1	.00329	.00883	94.467	.16518	.10989	.44860	209.13
#2	.00339	.00889	94.314	.16371	.10906	.44724	208.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8067	38.065	.16128	.00981	5.4972	.29974	1.1832
Stddev	.0039	.001	.00021	.00021	.0086	.00099	.0079
%RSD	.13805	.00373	.12840	2.1022	.15636	.33173	.66548

#1	2.8040	38.064	.16142	.00966	5.5033	.29903	1.1888
#2	2.8095	38.066	.16113	.00995	5.4911	.30044	1.1776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.469	.00367	.07353	5.0444	4.9170	.25521	2.5519
Stddev	.040	.00015	.00711	.0175	.0017	.00057	.0049
%RSD	.29423	3.9814	9.6699	.34655	.03458	.22436	.19175

#1	13.497	.00357	.07856	5.0568	4.9182	.25561	2.5484
#2	13.441	.00378	.06850	5.0321	4.9158	.25480	2.5553

Sample Name: J4770-05 Acquired: 9/24/2018 17:48:19 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2897	4.648	.44630	F<.00000	19.574
Stddev	.0191	.018	.00032	.20234	.785
%RSD	1.4816	.3821	.07168	.98668	4.0101

#1	1.2762	4.660	.44652	-20.651	19.019
#2	1.3032	4.635	.44607	-20.365	20.129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.4	52863.	4538.6	97.722	3064.1
Stddev	10.6	22.	34.3	.777	12.4
%RSD	.46062	.04090	.75617	.79491	.40468

#1	2292.9	52848.	4514.3	97.173	3055.3
#2	2307.9	52878.	4562.9	98.271	3072.8

Sample Name: J4770-07 Acquired: 9/24/2018 17:52:12 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04986	-.02869	1.3865	-.03737	.00125	72.505	.82988
Stddev	.00321	.00045	.0015	.00151	.00073	.180	.00137
%RSD	6.4432	1.5828	.10711	4.0370	58.177	.24841	.16538

#1	.04759	-.02901	1.3854	-.03844	.00074	72.378	.82891
#2	.05214	-.02837	1.3875	-.03631	.00177	72.632	.83085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	.00781	67.635	.19302	.07937	.61668	193.19
Stddev	.00033	.00028	.099	.00103	.00032	.00017	2.45
%RSD	11.148	3.5961	.14597	.53495	.40302	.02733	1.2688

#1	.00321	.00762	67.704	.19229	.07959	.61680	194.92
#2	.00274	.00801	67.565	.19375	.07914	.61656	191.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4950	46.380	.17078	.01701	4.6874	.28168	1.4759
Stddev	.0064	.122	.00022	.00036	.0147	.00318	.0239
%RSD	.25810	.26249	.13150	2.1158	.31318	1.1280	1.6186

#1	2.4905	46.466	.17062	.01726	4.6770	.27944	1.4928
#2	2.4996	46.294	.17094	.01675	4.6977	.28393	1.4591

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.205	.00354	.25606	3.9096	3.9392	.09012	2.9597
Stddev	.005	.00005	.00380	.0188	.0172	.00058	.0004
%RSD	.04773	1.2897	1.4856	.48221	.43761	.64068	.01455

#1	11.208	.00351	.25874	3.9229	3.9270	.08971	2.9594
#2	11.201	.00358	.25337	3.8962	3.9514	.09053	2.9600

Sample Name: J4770-07 Acquired: 9/24/2018 17:52:12 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0879	4.720	.26982	F<.00000	18.622
Stddev	.0118	.002	.00007	.59304	.536
%RSD	1.0835	.0365	.02596	2.9035	2.8765

#1	1.0963	4.718	.26987	-20.844	18.243
#2	1.0796	4.721	.26977	-20.005	19.001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2315.5	53065.	4506.0	96.802	3119.6
Stddev	15.2	47.	11.8	1.582	18.9
%RSD	.65781	.08765	.26249	1.6343	.60431

#1	2304.7	53098.	4497.7	95.683	3106.2
#2	2326.2	53032.	4514.4	97.920	3132.9

Sample Name: J4770-09 Acquired: 9/24/2018 17:56:04 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05465	-.02429	1.7128	-.02040	.00878	61.804	.93689
Stddev	.00398	.00424	.0042	.00202	.00181	.396	.00122
%RSD	7.2839	17.463	.24241	9.9127	20.596	.64122	.13028

#1	.05746	-.02729	1.7157	-.01897	.01006	61.524	.93603
#2	.05183	-.02129	1.7099	-.02183	.00750	62.084	.93776

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.00720	75.290	.16833	.06289	.42088	168.03
Stddev	.00010	.00036	.071	.00083	.00051	.00049	3.41
%RSD	4.5771	4.9459	.09399	.49463	.80940	.11733	2.0323

#1	.00219	.00745	75.340	.16774	.06325	.42123	165.61
#2	.00234	.00695	75.240	.16892	.06253	.42053	170.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9536	27.515	.13057	.00869	2.8641	.24037	1.8388
Stddev	.0015	.131	.00025	.00059	.0039	.00016	.0354
%RSD	.07513	.47692	.19295	6.7553	.13674	.06569	1.9241

#1	1.9525	27.422	.13040	.00827	2.8613	.24048	1.8138
#2	1.9546	27.608	.13075	.00910	2.8669	.24026	1.8638

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.368	.00508	.08227	5.4171	3.0754	.07236	2.4504
Stddev	.069	.00006	.01642	.0190	.0241	.00077	.0022
%RSD	.55825	1.1877	19.959	.35086	.78248	1.0668	.09114

#1	12.319	.00512	.07066	5.4305	3.0925	.07290	2.4488
#2	12.417	.00504	.09388	5.4036	3.0584	.07181	2.4520

Sample Name: J4770-09 Acquired: 9/24/2018 17:56:04 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0029	22.17	.26481	F<.00000	17.823
Stddev	.0141	.02	.00089	.22743	.153
%RSD	1.4037	.1040	.33711	1.0056	.85872

#1	.99298	22.18	.26544	-22.777	17.931
#2	1.0129	22.15	.26418	-22.456	17.715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.6	57924.	4947.9	96.746	3128.6
Stddev	11.4	134.	8.6	1.544	12.8
%RSD	.45208	.23110	.17354	1.5962	.40808

#1	2517.5	58019.	4941.8	97.838	3119.6
#2	2533.6	57830.	4953.9	95.654	3137.6

Sample Name: J4770-11 Acquired: 9/24/2018 17:59:57 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09097	-.02885	8.3189	-.04122	.32415	88.240	1.1731
Stddev	.00237	.00092	.0303	.00026	.00071	.315	.0058
%RSD	2.6035	3.1970	.36453	.62187	.21929	.35724	.49571

#1	.08929	-.02820	8.2974	-.04140	.32466	88.017	1.1772
#2	.09264	-.02950	8.3403	-.04104	.32365	88.463	1.1690

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	.01043	69.388	.16420	.10717	.58021	255.78
Stddev	.00009	.00039	.181	.00024	.00057	.00022	1.01
%RSD	2.2762	3.7124	.26057	.14687	.52913	.03807	.39364

#1	.00410	.01070	69.516	.16403	.10757	.58006	256.49
#2	.00397	.01015	69.260	.16438	.10677	.58037	255.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1257	39.016	.23185	.01351	6.7597	.30570	3.2232
Stddev	.0083	.006	.00011	.00076	.0257	.00036	.0246
%RSD	.20163	.01667	.04949	5.6590	.38028	.11671	.76254

#1	4.1198	39.020	.23193	.01405	6.7778	.30595	3.2406
#2	4.1316	39.011	.23177	.01297	6.7415	.30545	3.2059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.436	.00553	.10176	3.3462	3.4703	.33000	2.5097
Stddev	.044	.00008	.00925	.0121	.0155	.00137	.0215
%RSD	.35221	1.5301	9.0941	.36205	.44613	.41529	.85655

#1	12.467	.00559	.10831	3.3376	3.4813	.32903	2.5249
#2	12.405	.00547	.09522	3.3547	3.4594	.33097	2.4945

Sample Name: J4770-11 Acquired: 9/24/2018 17:59:57 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.5986	7.261	.30085	F<.00000	17.876
Stddev	.0030	.002	.00060	1.3001	.609
%RSD	.19028	.0246	.19890	5.0938	3.4067

#1	1.6008	7.263	.30127	-26.442	18.307
#2	1.5965	7.260	.30043	-24.604	17.446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.8	55007.	4726.9	95.216	3053.3
Stddev	1.4	24.	34.1	.727	3.0
%RSD	.05792	.04326	.72236	.76345	.09880

#1	2427.8	55024.	4702.8	94.702	3055.4
#2	2429.8	54990.	4751.0	95.730	3051.1

Sample Name: J4770-13 Acquired: 9/24/2018 18:03:48 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08017	-.02895	1.5010	-.04014	.22086	85.774	.96160
Stddev	.00092	.00185	.0057	.00102	.00033	.007	.01004
%RSD	1.1435	6.3996	.37970	2.5523	.14828	.00784	1.0436

#1	.08082	-.03026	1.5050	-.03942	.22063	85.779	.96869
#2	.07953	-.02764	1.4969	-.04087	.22109	85.769	.95450

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00359	.00891	67.410	.15461	.10139	.47804	236.11
Stddev	.00021	.00068	.471	.00026	.00002	.00284	4.21
%RSD	5.8521	7.6671	.69867	.16642	.02429	.59396	1.7823

#1	.00344	.00939	67.743	.15479	.10137	.48005	233.13
#2	.00374	.00843	67.077	.15443	.10141	.47604	239.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1755	38.602	.19216	.01202	5.9654	.28778	1.6348
Stddev	.0020	.387	.00126	.00055	.0844	.00016	.0361
%RSD	.04683	1.0030	.65813	4.6060	1.4148	.05465	2.2074

#1	4.1741	38.876	.19305	.01163	6.0251	.28767	1.6092
#2	4.1769	38.328	.19126	.01241	5.9057	.28789	1.6603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.041	.00405	.10724	8.8968	3.0247	.09780	3.2012
Stddev	.085	.00019	.01209	.0035	.0478	.00000	.0120
%RSD	.46873	4.7759	11.270	.03944	1.5817	.00145	.37474

#1	18.101	.00418	.09869	8.8993	2.9908	.09780	3.2097
#2	17.981	.00391	.11579	8.8943	3.0585	.09780	3.1927

Sample Name: J4770-13 Acquired: 9/24/2018 18:03:48 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3926	7.525	.23398	F<.00000	18.870
Stddev	.0037	.000	.00201	.30255	.776
%RSD	.26690	.0056	.86109	1.3502	4.1144

#1	1.3952	7.524	.23540	-22.194	19.419
#2	1.3900	7.525	.23255	-22.622	18.321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.3	53344.	4591.8	95.684	3071.8
Stddev	3.6	14.	23.3	1.895	9.4
%RSD	.15494	.02608	.50711	1.9808	.30458

#1	2351.7	53334.	4575.3	97.024	3065.1
#2	2356.9	53354.	4608.3	94.344	3078.4

Sample Name: CCV08 Acquired: 9/24/2018 18:07:41 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13868 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9706	4.9929	4.8954	5.0401	5.0285	10.403	10.278	.25040
Stddev	.0141	.0208	.0143	.0273	.0068	.047	.047	.00061
%RSD	.28470	.41573	.29289	.54222	.13611	.45288	.45984	.24391
#1	4.9806	5.0076	4.9056	5.0594	5.0237	10.370	10.312	.24996
#2	4.9606	4.9782	4.8853	5.0208	5.0333	10.437	10.245	.25083
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4525	25.502	.98110	2.3602	1.2390	5.0342	2.4661	25.241
Stddev	.0070	.070	.00211	.0063	.0013	.0313	.0042	.021
%RSD	.28764	.27482	.21477	.26802	.10158	.62193	.17120	.08240
#1	2.4575	25.551	.98259	2.3647	1.2381	5.0121	2.4691	25.226
#2	2.4475	25.452	.97961	2.3557	1.2398	5.0564	2.4631	25.256
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4626	1.2450	25.277	2.4882	2.4841	25.589	5.1009	5.1179
Stddev	.0100	.0036	.107	.0025	.0021	.030	.0041	.0183
%RSD	.40560	.28858	.42231	.10097	.08407	.11786	.08096	.35708
#1	2.4696	1.2475	25.352	2.4864	2.4856	25.611	5.1038	5.1050
#2	2.4555	1.2424	25.201	2.4900	2.4826	25.568	5.0980	5.1308
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9993	4.8841	4.9615	5.0860	4.5497	5.116	4.9810	F 1.6934
Stddev	.0026	.0005	.0222	.0185	.0068	.026	.0833	.0056
%RSD	.05256	.00940	.44851	.36313	.14985	.5152	1.6713	.33089
#1	4.9974	4.8844	4.9772	5.0730	4.5545	5.134	5.0398	1.6973
#2	5.0011	4.8838	4.9457	5.0991	4.5449	5.097	4.9221	1.6894

Sample Name: CCV08 Acquired: 9/24/2018 18:07:41 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13868 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8649
Stddev	.3646
%RSD	9.4341

#1	4.1227
#2	3.6071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.7	46487.	3856.7	95.033	3177.2
Stddev	6.8	155.	10.1	.447	19.8
%RSD	.33124	.33443	.26173	.47050	.62278

#1	2051.9	46377.	3849.6	94.717	3163.2
#2	2061.5	46597.	3863.8	95.349	3191.2

Sample Name: CCB08 Acquired: 9/24/2018 18:11:29 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13868 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00134	-.00192	-.00117	-.00123	.00956	-.00039
Stddev	.00042	.00060	.00026	.00376	.00315	.00177	.00027
%RSD	92.130	44.558	13.649	321.49	256.46	18.502	68.323

#1	-.00016	.00092	-.00211	.00149	.00100	.00831	-.00058
#2	-.00076	.00176	-.00173	-.00383	-.00346	.01081	-.00020

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00017	-.00066	-.00016	.00031	-.00013	.00586
Stddev	.00002	.00008	.00935	.00001	.00011	.00037	.00446
%RSD	19.457	46.420	1406.4	9.2582	35.868	288.32	76.025

#1	-.00008	.00011	-.00727	-.00017	.00023	.00013	.00902
#2	-.00010	.00022	.00594	-.00015	.00038	-.00039	.00271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.01131	.00122	.00037	-.43808	.00007	-.00065
Stddev	.00005	.00787	.00006	.00043	.01358	.00020	.00009
%RSD	95.909	69.544	5.2575	116.04	3.0998	269.67	13.517

#1	-.00009	.01688	.00126	.00067	-.42848	-.00007	-.00058
#2	-.00002	.00575	.00117	.00007	-.44768	.00022	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08190	.00066	-.00457	.00070	-.00157	-.00078	.00051
Stddev	.00340	.00044	.00664	.00130	.00161	.00030	.00101
%RSD	4.1526	66.535	145.47	185.01	102.86	37.966	198.44

#1	-.08430	.00097	.00013	.00162	-.00043	-.00099	-.00021
#2	-.07949	.00035	-.00926	-.00022	-.00271	-.00057	.00122

Sample Name: CCB08 Acquired: 9/24/2018 18:11:29 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13868 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03769	-.0018	.00002	F<.00000	F .60049
Stddev	.00518	.0009	.00007	.39954	.03456
%RSD	13.751	50.71	470.23	20.650	5.7549

#1	-.03403	-.0025	.00007	-2.2173	.62493
#2	-.04136	-.0012	-.00004	-1.6523	.57606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.0	48894.	3873.3	100.11	3619.8
Stddev	7.3	135.	15.5	.02	13.0
%RSD	.33763	.27550	.39931	.02301	.35944

#1	2146.9	48799.	3884.2	100.10	3610.6
#2	2157.1	48990.	3862.4	100.13	3629.0

Sample Name: J4770-15 Acquired: 9/24/2018 18:15:35 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07452	-.03998	1.7294	-.04350	-.00040	87.184	.84404
Stddev	.00419	.00231	.0084	.00080	.00075	.281	.00291
%RSD	5.6285	5.7793	.48824	1.8283	189.06	.32234	.34477

#1	.07749	-.03835	1.7234	-.04294	.00013	86.985	.84610
#2	.07155	-.04162	1.7354	-.04407	-.00093	87.383	.84198

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00896	.01192	83.514	.23273	.15824	.79069	269.83
Stddev	.00016	.00031	.215	.00274	.00028	.00229	3.80
%RSD	1.7351	2.6097	.25763	1.1779	.17453	.28969	1.4071

#1	.00885	.01170	83.666	.23080	.15804	.79231	272.52
#2	.00907	.01214	83.361	.23467	.15843	.78907	267.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5060	58.403	.68564	.01343	11.087	.35644	4.0576
Stddev	.0213	.065	.00288	.00009	.058	.00203	.0874
%RSD	.28319	.11082	.42060	.67359	.52694	.57065	2.1545

#1	7.5210	58.357	.68360	.01350	11.128	.35500	4.1194
#2	7.4910	58.449	.68768	.01337	11.046	.35788	3.9957

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.983	.00709	.16286	5.5892	2.8246	.12280	3.5525
Stddev	.059	.00015	.01371	.0269	.0355	.00001	.0055
%RSD	.36926	2.0459	8.4178	.48071	1.2572	.00708	.15440

#1	16.025	.00720	.17255	5.5702	2.7995	.12281	3.5564
#2	15.941	.00699	.15316	5.6082	2.8497	.12279	3.5486

Sample Name: J4770-15 Acquired: 9/24/2018 18:15:35 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4527	6.795	.43402	F<.00000	18.218
Stddev	.0011	.001	.00054	.11792	.374
%RSD	.07831	.0110	.12396	.43169	2.0538

#1	1.4518	6.796	.43440	-27.398	18.483
#2	1.4535	6.795	.43364	-27.232	17.954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.3	55741.	4829.4	94.410	3011.5
Stddev	2.1	135.	46.6	2.004	13.4
%RSD	.08509	.24156	.96554	2.1228	.44580

#1	2443.8	55645.	4796.4	92.993	3021.0
#2	2440.8	55836.	4862.4	95.827	3002.0

Sample Name: J4770-17 Acquired: 9/24/2018 18:19:32 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11783	-.03297	2.1354	-.04416	.42257	94.724	1.1598
Stddev	.00018	.00079	.0024	.00147	.00050	.047	.0065
%RSD	.14905	2.3894	.11407	3.3270	.11783	.04943	.55793

#1	.11795	-.03352	2.1337	-.04312	.42222	94.757	1.1644
#2	.11770	-.03241	2.1372	-.04520	.42293	94.691	1.1553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00433	.01378	192.07	.41704	.11776	.56552	275.57
Stddev	.00009	.00102	.86	.00143	.00017	.00352	9.71
%RSD	2.1669	7.4239	.44801	.34362	.14658	.62224	3.5253

#1	.00426	.01306	192.67	.41602	.11788	.56304	282.44
#2	.00440	.01451	191.46	.41805	.11764	.56801	268.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7047	42.078	.31975	.01389	7.6018	.26634	2.4565
Stddev	.0045	.212	.00052	.00081	.0191	.00028	.0831
%RSD	.09571	.50470	.16309	5.8104	.25054	.10653	3.3829

#1	4.7079	42.228	.32012	.01446	7.6153	.26614	2.5153
#2	4.7015	41.928	.31939	.01331	7.5883	.26655	2.3977

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.608	.00434	.10162	3.1499	3.6106	.16507	2.6319
Stddev	.018	.00001	.01407	.0042	.0588	.00234	.0073
%RSD	.14238	.11961	13.843	.13387	1.6281	1.4178	.27860

#1	12.621	.00434	.11156	3.1529	3.5690	.16672	2.6371
#2	12.595	.00435	.09167	3.1469	3.6521	.16341	2.6267

Sample Name: J4770-17 Acquired: 9/24/2018 18:19:32 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1473	7.943	.53253	F<.00000	20.972
Stddev	.0028	.028	.00206	1.2161	.051
%RSD	.13234	.3508	.38607	4.7945	.24545

#1	2.1453	7.963	.53398	-24.504	21.009
#2	2.1493	7.923	.53108	-26.224	20.936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.5	55368.	4887.6	95.986	2940.6
Stddev	11.0	109.	16.0	3.340	18.4
%RSD	.45123	.19716	.32791	3.4795	.62678

#1	2420.7	55291.	4876.3	93.625	2927.6
#2	2436.2	55445.	4898.9	98.348	2953.7

Sample Name: J4770-19 Acquired: 9/24/2018 18:23:24 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08722	-.04618	.78432	-.04100	-.00211	113.78	.67042
Stddev	.00043	.00360	.00264	.00405	.00197	.15	.00222
%RSD	.49116	7.8001	.33647	9.8781	93.558	.13616	.33149

#1	.08692	-.04364	.78619	-.04386	-.00071	113.67	.67199
#2	.08752	-.04873	.78246	-.03814	-.00351	113.89	.66885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00749	.01325	90.566	.22094	.14081	.50344	268.30
Stddev	.00006	.00031	.474	.00151	.00025	.00448	.20
%RSD	.74383	2.3185	.52365	.68237	.18081	.89008	.07445

#1	.00745	.01347	90.902	.22201	.14099	.50661	268.16
#2	.00753	.01303	90.231	.21988	.14063	.50027	268.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9341	76.843	.24976	.01312	14.614	.49047	1.8559
Stddev	.0142	.151	.00066	.00038	.068	.00110	.0080
%RSD	.23885	.19661	.26245	2.8609	.46322	.22425	.43254

#1	5.9441	76.950	.25022	.01285	14.662	.49124	1.8616
#2	5.9240	76.736	.24930	.01338	14.566	.48969	1.8503

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.701	.00208	.23867	6.6509	2.8926	.05126	4.4456
Stddev	.072	.00014	.01078	.0316	.0252	.00002	.0170
%RSD	.34574	6.5122	4.5152	.47584	.87256	.04568	.38198

#1	20.752	.00218	.23105	6.6286	2.9104	.05124	4.4576
#2	20.651	.00199	.24629	6.6733	2.8747	.05128	4.4336

Sample Name: J4770-19 Acquired: 9/24/2018 18:23:24 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.5888	12.00	.32235	F<.00000	17.122
Stddev	.0063	.00	.00090	.51119	.060
%RSD	.39779	.0093	.28008	1.5796	.35130

#1	1.5933	12.00	.32299	-32.000	17.080
#2	1.5844	12.00	.32171	-32.723	17.165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.1	60248.	5299.9	96.783	2959.5
Stddev	22.8	153.	40.4	.469	3.5
%RSD	.86263	.25470	.76215	.48482	.11866

#1	2627.0	60139.	5271.3	96.452	2957.0
#2	2659.3	60356.	5328.5	97.115	2962.0

Sample Name: J5057-01 Acquired: 9/24/2018 18:27:26 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HC-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05793	-.01049	.07201	-.02314	-.00227	73.672	.25434
Stddev	.00194	.00046	.00110	.00477	.00065	.229	.00016
%RSD	3.3423	4.3868	1.5308	20.617	28.471	.31057	.06258

#1	.05930	-.01082	.07123	-.01977	-.00181	73.510	.25423
#2	.05656	-.01017	.07279	-.02652	-.00273	73.834	.25446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00495	189.77	.16001	.74638	.11436	145.17
Stddev	.00015	.00008	.07	.00128	.00155	.00041	.53
%RSD	8.7525	1.5261	.03627	.79948	.20712	.35630	.36366

#1	.00178	.00501	189.72	.16092	.74747	.11464	144.79
#2	.00157	.00490	189.81	.15911	.74529	.11407	145.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9440	111.48	.13045	.00600	.17862	.25883	.75026
Stddev	.0012	.24	.00051	.00061	.00042	.00381	.00424
%RSD	.03137	.21099	.39235	10.098	.23707	1.4721	.56461

#1	3.9448	111.64	.13081	.00642	.17892	.26152	.74726
#2	3.9431	111.31	.13008	.00557	.17832	.25613	.75325

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7883	.01760	.01887	1.0517	4.8361	.00942	.80640
Stddev	.0129	.00011	.01670	.0089	.0868	.00039	.00319
%RSD	.34055	.65155	88.487	.85020	1.7956	4.1086	.39604

#1	3.7974	.01752	.00706	1.0580	4.8975	.00915	.80865
#2	3.7791	.01768	.03068	1.0454	4.7747	.00970	.80414

Sample Name: J5057-01 Acquired: 9/24/2018 18:27:26 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.82936	1.776	.18886	F<.00000	19.553
Stddev	.00682	.002	.00079	.22074	1.097
%RSD	.82222	.1309	.41856	2.6707	5.6094

#1	.82453	1.777	.18942	-8.1090	20.328
#2	.83418	1.774	.18830	-8.4212	18.777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.2	48602.	4200.4	94.105	2999.6
Stddev	10.4	76.	1.5	.277	19.3
%RSD	.48807	.15740	.03457	.29451	.64304

#1	2119.9	48547.	4199.4	94.301	2986.0
#2	2134.5	48656.	4201.5	93.909	3013.3

Sample Name: J5059-01 Acquired: 9/24/2018 18:31:22 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24013	-.25926	.46503	-.18177	.00443	99.460	.33746	.00188
Stddev	.00690	.00672	.00623	.00228	.00160	.419	.00101	.00010
%RSD	2.8746	2.5912	1.3404	1.2540	36.060	.42174	.30023	5.4613

#1	.24501	-.25451	.46063	-.18339	.00330	99.163	.33675	.00181
#2	.23525	-.26401	.46944	-.18016	.00556	99.756	.33818	.00195

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08347	1743.9	15.281	1.2597	.77562	737.55	8.2523	710.32
Stddev	.00153	8.6	.016	.0001	.00424	15.02	.0322	1.10
%RSD	1.8380	.49349	.10224	.00562	.54700	2.0359	.39006	.15546

#1	.08239	1750.0	15.292	1.2598	.77262	748.16	8.2296	709.54
#2	.08456	1737.8	15.269	1.2597	.77862	726.93	8.2751	711.10

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3583	.02762	2.9591	10.611	10.702	5.9471	-.00369	.23537
Stddev	.0031	.00125	.0048	.010	.246	.0023	.00002	.02604
%RSD	.07213	4.5265	.16097	.09273	2.2946	.03874	.55397	11.065

#1	4.3605	.02850	2.9557	10.604	10.876	5.9454	-.00368	.25379
#2	4.3561	.02673	2.9625	10.618	10.528	5.9487	-.00370	.21696

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4809	8.8875	.02670	16.433	.74098	7.067	7.2496	4.0973
Stddev	.0231	.0466	.00012	.050	.00448	.005	.0081	1.0678
%RSD	.35563	.52452	.45229	.30631	.60408	.0667	.11193	26.062

#1	6.4972	8.9204	.02662	16.397	.74414	7.071	7.2553	3.3422
#2	6.4646	8.8545	.02679	16.468	.73781	7.064	7.2438	4.8523

Sample Name: J5059-01 Acquired: 9/24/2018 18:31:22 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.349
 Stddev 1.908
 %RSD 14.292

#1 14.698
 #2 12.000

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.6	45772.	4293.2	82.301	2079.2
Stddev	5.3	56.	12.1	1.925	4.5
%RSD	.28414	.12136	.28260	2.3389	.21602

#1	1859.9	45811.	4284.6	80.939	2076.0
#2	1867.4	45733.	4301.7	83.662	2082.3

Sample Name: J5061-01 Acquired: 9/24/2018 18:35:29 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03131	-.08523	.02320	-.04738	.00036	121.04	.60943	.00285
Stddev	.00241	.00391	.00071	.00623	.00200	.12	.00073	.00031
%RSD	7.7026	4.5820	3.0451	13.147	551.75	.09735	.11970	10.784

#1	.02960	-.08247	.02270	-.04298	.00177	121.12	.60891	.00263
#2	.03301	-.08799	.02370	-.05179	-.00105	120.96	.60995	.00306

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01366	1670.3	.61185	.09820	.47623	202.85	4.5511	129.13
Stddev	.00033	9.7	.00042	.00030	.00118	1.25	.0037	.62
%RSD	2.4223	.57969	.06853	.30362	.24861	.61703	.08068	.47913

#1	.01389	1663.4	.61156	.09799	.47706	201.96	4.5485	128.69
#2	.01342	1677.1	.61215	.09842	.47539	203.73	4.5537	129.56

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35254	.00671	8.2561	.48662	2.7851	12.277	.02111	.38578
Stddev	.00036	.00043	.0244	.00198	.0157	.017	.00005	.00338
%RSD	.10225	6.4667	.29603	.40625	.56334	.14210	.25921	.87544

#1	.35280	.00701	8.2389	.48522	2.7740	12.265	.02115	.38817
#2	.35229	.00640	8.2734	.48802	2.7961	12.290	.02108	.38339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.712	.90691	-.00542	9.5803	1.4390	4.815	7.6634	36.271
Stddev	.002	.01784	.00046	.0282	.0042	.004	.0404	.065
%RSD	.00277	1.9667	8.5661	.29433	.29120	.0722	.52747	.18019

#1	75.711	.89429	-.00575	9.5604	1.4361	4.817	7.6920	36.225
#2	75.714	.91952	-.00510	9.6003	1.4420	4.812	7.6348	36.317

Sample Name: J5061-01 Acquired: 9/24/2018 18:35:29 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	30.496
Stddev	.017
%RSD	.05604

#1	30.484
#2	30.509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.6	44340.	4204.9	87.047	2429.4
Stddev	.6	87.	11.9	.444	.6
%RSD	.03051	.19589	.28379	.50999	.02278

#1	1979.1	44279.	4213.3	87.360	2429.0
#2	1978.2	44401.	4196.4	86.733	2429.8

Sample Name: J5061-06 Acquired: 9/24/2018 18:39:33 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 230-KV-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03879	-.10694	.02734	-.05677	.00106	134.66	.69223	.00352
Stddev	.00309	.00106	.00265	.00201	.00267	.01	.00329	.00009
%RSD	7.9619	.99225	9.6783	3.5490	251.62	.00825	.47529	2.6541

#1	.03660	-.10769	.02921	-.05820	.00295	134.67	.68991	.00345
#2	.04097	-.10619	.02547	-.05535	-.00083	134.66	.69456	.00358

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01671	1748.1	.66894	.11972	.55549	255.82	5.1286	142.28
Stddev	.00070	11.7	.00167	.00072	.00068	5.09	.0066	1.42
%RSD	4.1775	.66896	.24987	.60223	.12173	1.9890	.12778	.99503

#1	.01721	1739.8	.67012	.12023	.55597	252.22	5.1240	141.27
#2	.01622	1756.4	.66776	.11921	.55501	259.41	5.1332	143.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43775	.00889	10.583	.58292	17.137	16.867	.02020	.44705
Stddev	.00033	.00076	.070	.00092	.351	.151	.00012	.00219
%RSD	.07587	8.4977	.65818	.15832	2.0467	.89560	.59915	.48959

#1	.43751	.00836	10.534	.58227	16.889	16.761	.02029	.44860
#2	.43798	.00943	10.633	.58357	17.385	16.974	.02012	.44551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.902	1.7689	.00371	11.655	1.6561	5.816	7.8392	38.016
Stddev	.027	.0023	.00198	.095	.0066	.003	.1559	.503
%RSD	.03600	.12979	53.459	.81814	.39665	.0537	1.9884	1.3226

#1	73.921	1.7673	.00231	11.587	1.6514	5.814	7.7289	37.661
#2	73.884	1.7705	.00511	11.722	1.6607	5.819	7.9494	38.372

Sample Name: J5061-06 Acquired: 9/24/2018 18:39:33 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 32.855
Stddev .739
%RSD 2.2492

#1 33.377
#2 32.332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.4	44832.	4256.9	82.561	2368.6
Stddev	.7	30.	35.6	1.614	4.4
%RSD	.03399	.06650	.83650	1.9552	.18697

#1	1985.9	44853.	4282.1	83.702	2365.5
#2	1986.9	44811.	4231.7	81.419	2371.7

Sample Name: J5061-11 Acquired: 9/24/2018 18:43:42 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-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	.04842	-.08684	.04395	-.04572	.00216	121.62	.67926	.00319
Stddev	.00240	.00163	.00027	.00868	.00025	.07	.00329	.00006
%RSD	4.9644	1.8771	.61649	18.990	11.358	.05827	.48407	1.8100

#1	.05012	-.08799	.04414	-.03958	.00233	121.67	.67694	.00323
#2	.04672	-.08568	.04376	-.05186	.00199	121.57	.68159	.00315

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01311	1846.8	.63931	.08078	.45100	192.36	4.4090	131.11
Stddev	.00030	21.0	.00412	.00033	.00325	3.59	.0042	1.11
%RSD	2.3031	1.1362	.64490	.40360	.72006	1.8688	.09623	.84372

#1	.01332	1832.0	.64223	.08101	.45330	189.82	4.4120	130.33
#2	.01290	1861.7	.63640	.08055	.44871	194.90	4.4060	131.89

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36880	.00703	27.858	.52689	3.7445	38.497	.02503	.42351
Stddev	.00225	.00087	.138	.00013	.0713	.197	.00027	.00173
%RSD	.61124	12.377	.49642	.02505	1.9045	.51248	1.0706	.40956

#1	.37040	.00641	27.760	.52680	3.6941	38.358	.02522	.42228
#2	.36721	.00765	27.956	.52698	3.7950	38.637	.02484	.42473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.494	1.0089	-.00234	9.2867	1.5098	4.688	8.4563	45.382
Stddev	.119	.0095	.00081	.0348	.0010	.033	.0378	1.164
%RSD	.14299	.94176	34.771	.37436	.06478	.7098	.44663	2.5639

#1	83.578	1.0022	-.00291	9.2621	1.5091	4.665	8.4830	46.205
#2	83.410	1.0156	-.00176	9.3113	1.5105	4.712	8.4296	44.560

Sample Name: J5061-11 Acquired: 9/24/2018 18:43:42 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-C Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	33.538
Stddev	.164
%RSD	.48846

#1	33.422
#2	33.654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.3	44308.	4204.7	84.932	2388.2
Stddev	6.7	36.	17.2	1.480	4.5
%RSD	.33871	.08190	.40959	1.7426	.18842

#1	1958.6	44282.	4216.8	85.978	2385.0
#2	1968.0	44333.	4192.5	83.885	2391.4

Sample Name: J4770-02 Acquired: 9/24/2018 18:47:46 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00105	.08615	.00719	-.00126	.74419	.14242	-.00001
Stddev	.00354	.00101	.00072	.00328	.00074	.00120	.00062	.00004
%RSD	523.18	95.705	.83102	45.681	58.825	.16163	.43696	506.82

#1	.00183	-.00034	.08665	.00951	-.00073	.74334	.14286	-.00004
#2	-.00318	-.00177	.08564	.00487	-.00178	.74504	.14198	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	51.984	.00169	.00732	.01197	1.3539	.81743	2.7934
Stddev	.00003	.131	.00013	.00037	.00044	.0197	.00051	.0556
%RSD	1.5570	.25175	7.9432	5.0142	3.6735	1.4583	.06183	1.9896

#1	.00184	51.891	.00160	.00758	.01166	1.3399	.81779	2.8327
#2	.00188	52.076	.00179	.00706	.01228	1.3678	.81707	2.7541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01711	.00029	268.22	.00082	.44468	1.4652	.00003	.01733
Stddev	.00028	.00013	2.21	.00003	.00518	.0046	.00039	.00345
%RSD	1.6111	46.156	.82312	3.2425	1.1644	.31174	1237.6	19.902

#1	.01731	.00019	266.66	.00084	.44102	1.4685	-.00024	.01977
#2	.01692	.00038	269.78	.00080	.44835	1.4620	.00031	.01489

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2479	3.1866	.00291	.03086	.01125	.0195	.20577	2.3784
Stddev	.0020	.0114	.00089	.00001	.00474	.0038	.00004	.0657
%RSD	.06202	.35609	30.502	.03025	42.138	19.37	.02013	2.7620

#1	3.2465	3.1946	.00229	.03085	.01460	.0168	.20574	2.3319
#2	3.2493	3.1785	.00354	.03087	.00790	.0221	.20580	2.4248

Sample Name: J4770-02 Acquired: 9/24/2018 18:47:46 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7378
 Stddev .2034
 %RSD 7.4281

#1 2.8816
 #2 2.5940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.8	45616.	3918.9	96.944	3108.0
Stddev	8.3	5.	3.8	.850	14.0
%RSD	.41481	.01079	.09688	.87713	.45123

#1	1984.9	45620.	3916.2	97.545	3098.0
#2	1996.6	45613.	3921.6	96.343	3117.9

Sample Name: J4770-04 Acquired: 9/24/2018 18:51:53 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00263	-.00205	.01424	.00696	-.00226	.06275	.16910	.00000
Stddev	.00124	.00031	.00006	.00550	.00093	.01273	.00061	.00004
%RSD	46.963	15.254	.44026	78.976	41.081	20.291	.36178	33251.

#1	-.00351	-.00227	.01428	.00307	-.00161	.05374	.16953	.00003
#2	-.00176	-.00183	.01419	.01084	-.00292	.07175	.16867	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	23.461	-.00018	.00351	.00232	.10723	.50267	1.9444
Stddev	.00008	.189	.00044	.00008	.00001	.00310	.00144	.0131
%RSD	25.499	.80383	246.95	2.2415	.55397	2.8872	.28616	.67264

#1	.00026	23.328	.00013	.00346	.00233	.10504	.50165	1.9536
#2	.00037	23.595	-.00049	.00357	.00232	.10942	.50369	1.9351

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	.00015	295.23	-.00043	.07824	2.0755	-.00010	.01783
Stddev	.00013	.00023	.96	.00023	.00062	.0150	.00007	.01268
%RSD	4.8119	150.90	.32581	54.885	.78996	.72176	68.570	71.112

#1	.00272	.00031	294.55	-.00026	.07868	2.0649	-.00005	.00887
#2	.00254	-.00001	295.91	-.00059	.07780	2.0861	-.00015	.02680

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1040	1.1010	.00049	-.00079	-.00688	.0030	.10312	1.8253
Stddev	.0001	.0194	.00061	.00134	.00351	.0006	.00025	.4448
%RSD	.00775	1.7609	123.50	170.48	51.039	19.18	.23841	24.369

#1	1.1041	1.1147	.00006	.00016	-.00440	.0034	.10294	2.1398
#2	1.1040	1.0873	.00092	-.00174	-.00936	.0026	.10329	1.5108

Sample Name: J4770-04 Acquired: 9/24/2018 18:51:53 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6755
 Stddev .4714
 %RSD 17.619

#1 3.0089
 #2 2.3422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.7	45671.	3956.5	97.762	3152.4
Stddev	11.6	91.	28.5	1.165	13.1
%RSD	.57668	.19885	.71968	1.1918	.41610

#1	2003.5	45736.	3936.3	96.938	3143.1
#2	2019.9	45607.	3976.6	98.586	3161.6

Sample Name: CCV09 Acquired: 9/24/2018 18:56:01 Type: Unk
Method: P4-ICP2(v2452) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9829	4.9912	4.9222	5.0592	5.0477	10.119	10.450
Stddev	.0263	.0230	.0230	.0218	.0072	.177	.071
%RSD	.52829	.46077	.46635	.43021	.14215	1.7444	.68050

#1	5.0015	5.0075	4.9385	5.0746	5.0527	10.244	10.501
#2	4.9642	4.9750	4.9060	5.0438	5.0426	9.9941	10.400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24785	2.4633	25.843	.97886	2.3715	1.2354	5.1431
Stddev	.00514	.0096	.106	.01594	.0053	.0026	.0443
%RSD	2.0750	.39030	.40979	1.6282	.22166	.20959	.86134

#1	.25148	2.4701	25.918	.99013	2.3752	1.2336	5.1744
#2	.24421	2.4565	25.768	.96759	2.3678	1.2372	5.1117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4371	25.525	2.4717	1.2324	25.700	2.4679	2.5476
Stddev	.0447	.053	.0052	.0288	.162	.0418	.0261
%RSD	1.8345	.20879	.20820	2.3374	.62900	1.6958	1.0239

#1	2.4687	25.563	2.4753	1.2527	25.814	2.4975	2.5660
#2	2.4055	25.488	2.4681	1.2120	25.586	2.4383	2.5291

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.812	5.1122	5.1287	4.9558	4.9847	4.9772	5.1562
Stddev	.049	.0195	.0510	.0026	.0227	.0244	.0359
%RSD	.18930	.38155	.99503	.05288	.45464	.49034	.69698

#1	25.847	5.1260	5.1647	4.9576	5.0007	4.9945	5.1816
#2	25.778	5.0984	5.0926	4.9539	4.9687	4.9600	5.1308

Sample Name: CCV09 Acquired: 9/24/2018 18:56:01 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.5890	5.129	5.0977	F<.00000	F 3.4190
Stddev	.0272	.019	.0794	.79424	.0138
%RSD	.59165	.3721	1.5580	436.68	.40298
#1	4.6082	5.142	5.1538	.37973	3.4288
#2	4.5698	5.115	5.0415	-.74349	3.4093
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.2	47759.	3852.7	93.909	3207.9
Stddev	9.7	931.	21.4	1.074	14.3
%RSD	.46692	1.9492	.55431	1.1440	.44551
#1	2066.3	47101.	3837.6	93.150	3197.8
#2	2080.0	48418.	3867.8	94.669	3218.0

Sample Name: CCB09 Acquired: 9/24/2018 18:59:49 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.00328	-.00279	-.00187	-.00036	.01020	-.00082
Stddev	.00254	.00362	.00063	.00464	.00071	.01104	.00048
%RSD	186.08	110.54	22.511	247.81	194.84	108.31	58.731

#1	.00316	.00584	-.00234	-.00516	-.00086	.01800	-.00048
#2	-.00043	.00072	-.00323	.00141	.00014	.00239	-.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00017	-.01453	-.00014	.00015	-.00056	.00999
Stddev	.00002	.00002	.00821	.00011	.00005	.00031	.01055
%RSD	2649.0	8.8178	56.501	80.138	31.188	54.633	105.67

#1	-.00002	.00016	-.00873	-.00006	.00018	-.00035	.00252
#2	.00002	.00018	-.02034	-.00022	.00011	-.00078	.01745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.02923	.00054	-.00014	-.39115	.00034	-.00064
Stddev	.00002	.01796	.00033	.00042	.01699	.00018	.00001
%RSD	158.53	61.450	60.491	291.82	4.3447	52.107	1.5316

#1	-.00002	-.04193	.00031	.00015	-.40317	.00046	-.00064
#2	.00000	-.01653	.00077	-.00044	-.37913	.00021	-.00065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07646	.00080	-.01356	-.00170	-.00281	-.00000	.00014
Stddev	.03242	.00014	.00704	.00017	.00081	.00055	.00099
%RSD	42.405	17.303	51.961	9.9289	28.983	38325.	726.65

#1	-.09938	.00089	-.01854	-.00181	-.00338	.00039	-.00056
#2	-.05353	.00070	-.00858	-.00158	-.00223	-.00039	.00083

Sample Name: CCB09 Acquired: 9/24/2018 18:59:49 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02044	-.0008	-.00007	F<.00000	F .85343
Stddev	.00509	.0021	.00003	.24920	.05232
%RSD	24.896	276.1	43.061	6.7754	6.1309

#1	-.02404	.0007	-.00009	-3.5018	.89043
#2	-.01684	-.0023	-.00005	-3.8542	.81643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.9	49953.	3967.9	100.75	3691.4
Stddev	10.6	98.	6.4	2.54	22.2
%RSD	.48658	.19611	.16200	2.5240	.60232

#1	2180.4	49884.	3972.5	98.949	3675.7
#2	2195.5	50022.	3963.4	102.55	3707.2

Sample Name: J4770-06 Acquired: 9/24/2018 19:03:55 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00309	.02699	.00765	-.00168	2.8671	.17474	.00006
Stddev	.00319	.00012	.00167	.00594	.00087	.0210	.00024	.00009
%RSD	440.45	3.9805	6.2035	77.583	52.068	.73338	.13632	150.84

#1	-.00153	-.00318	.02817	.01185	-.00106	2.8523	.17491	.00013
#2	.00298	-.00301	.02581	.00345	-.00229	2.8820	.17457	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	53.340	.02195	.00398	.01293	3.5818	.66894	2.4383
Stddev	.00000	.258	.00101	.00003	.00026	.0057	.00032	.0182
%RSD	.83601	.48432	4.6035	.68322	1.9784	.15943	.04797	.74720

#1	.00051	53.522	.02123	.00400	.01275	3.5777	.66916	2.4512
#2	.00051	53.157	.02266	.00396	.01311	3.5858	.66871	2.4254

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00469	.00030	286.48	.00675	.08168	1.5809	.00057	.00068
Stddev	.00005	.00018	1.79	.00007	.00128	.0019	.00013	.00783
%RSD	1.0386	60.303	.62593	1.0839	1.5709	.11861	23.330	1145.7

#1	.00473	.00042	287.74	.00670	.08258	1.5822	.00048	.00622
#2	.00466	.00017	285.21	.00681	.08077	1.5796	.00066	-.00485

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2190	6.2082	.00322	.12137	.02877	.0617	.23709	1.5728
Stddev	.0016	.0091	.00049	.00252	.00411	.0012	.00137	.4751
%RSD	.13076	.14616	15.069	2.0744	14.291	1.984	.57707	30.207

#1	1.2202	6.2146	.00356	.12316	.03168	.0609	.23806	1.2369
#2	1.2179	6.2017	.00288	.11959	.02586	.0626	.23612	1.9087

Sample Name: J4770-06 Acquired: 9/24/2018 19:03:55 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.6288
Stddev	.2725
%RSD	7.5099

#1	3.8215
#2	3.4361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.4	46132.	3949.0	97.652	3135.3
Stddev	3.6	176.	36.6	1.349	.7
%RSD	.17656	.38168	.92668	1.3813	.02312

#1	2034.9	46008.	3923.2	96.698	3135.8
#2	2029.9	46257.	3974.9	98.606	3134.8

Sample Name: J4770-08 Acquired: 9/24/2018 19:08:03 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	-.00507	.02074	.00464	-.00102	.07002	.16422	-.00013
Stddev	.00169	.00136	.00046	.00135	.00057	.00773	.00059	.00008
%RSD	192.07	26.916	2.2395	29.169	55.745	11.044	.35746	64.996

#1	.00032	-.00410	.02107	.00560	-.00143	.06455	.16463	-.00007
#2	-.00208	-.00603	.02041	.00368	-.00062	.07549	.16380	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	35.636	.00052	.00263	.01213	.08117	.48541	1.6021
Stddev	.00001	.291	.00008	.00015	.00001	.00206	.00016	.0445
%RSD	.85309	.81701	16.044	5.6705	.06852	2.5421	.03300	2.7759

#1	.00084	35.842	.00046	.00274	.01213	.07971	.48552	1.5706
#2	.00083	35.431	.00058	.00253	.01214	.08263	.48530	1.6335

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	.00012	287.74	-.00011	.14142	1.4513	-.00001	.00913
Stddev	.00047	.00005	3.74	.00020	.00058	.0447	.00015	.00176
%RSD	16.033	40.682	1.2992	185.13	.41264	3.0777	1767.7	19.255

#1	.00259	.00016	290.38	-.00025	.14183	1.4197	.00010	.01038
#2	.00325	.00009	285.09	.00003	.14100	1.4829	-.00011	.00789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84592	1.5835	.00132	.00060	.01035	.0102	.16171	1.9739
Stddev	.00146	.0136	.00001	.00204	.00059	.0015	.00150	.1677
%RSD	.17290	.85985	.67827	338.26	5.7260	14.24	.92852	8.4937

#1	.84489	1.5931	.00132	-.00084	.01076	.0112	.16278	2.0925
#2	.84695	1.5738	.00131	.00204	.00993	.0092	.16065	1.8553

Sample Name: J4770-08 Acquired: 9/24/2018 19:08:03 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4596
 Stddev .4431
 %RSD 12.808

#1 3.1462
 #2 3.7729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.0	46023.	3966.2	99.500	3172.1
Stddev	7.7	33.	36.5	.850	14.9
%RSD	.38072	.07164	.92100	.85387	.47053

#1	2026.5	46000.	3940.4	98.899	3161.5
#2	2037.5	46046.	3992.0	100.10	3182.6

Sample Name: J4770-12 Acquired: 9/24/2018 19:16:20 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.00356	.03302	.00401	.02647	.06028	.17999	-.00011
Stddev	.00184	.00145	.00030	.00108	.00212	.00484	.00071	.00001
%RSD	127.01	40.728	.89951	26.992	8.0176	8.0352	.39331	11.800

#1	-.00276	-.00459	.03281	.00478	.02497	.05686	.18049	-.00011
#2	-.00015	-.00254	.03323	.00325	.02797	.06371	.17949	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	37.828	.00017	.00183	.00941	.05140	.48550	.97140
Stddev	.00005	.133	.00063	.00006	.00012	.00401	.00224	.02608
%RSD	10.785	.35171	379.62	3.1482	1.2714	7.8051	.46045	2.6845

#1	.00050	37.734	.00061	.00187	.00949	.05424	.48392	.95296
#2	.00043	37.923	-.00028	.00178	.00932	.04857	.48708	.98984

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	.00035	294.50	-.00045	.11721	.98690	-.00002	-.00091
Stddev	.00022	.00006	1.49	.00013	.00294	.02285	.00003	.01175
%RSD	13.975	17.506	.50510	29.329	2.5061	2.3151	150.35	1296.3

#1	.00170	.00031	293.45	-.00055	.11929	1.0031	-.00004	-.00921
#2	.00140	.00040	295.55	-.00036	.11514	.97074	.00000	.00740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31101	.53150	.00257	-.00071	-.00016	.0173	.12678	1.9628
Stddev	.00308	.00036	.00097	.00064	.00053	.0003	.00011	.7488
%RSD	.98983	.06789	37.741	90.187	328.37	1.957	.08711	38.149

#1	.30883	.53176	.00189	-.00026	.00021	.0171	.12671	2.4923
#2	.31319	.53125	.00326	-.00116	-.00054	.0175	.12686	1.4334

Sample Name: J4770-12 Acquired: 9/24/2018 19:16:20 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6595
 Stddev .1196
 %RSD 4.4986

#1 2.7441
 #2 2.5749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.6	46087.	4030.7	100.03	3150.8
Stddev	2.6	21.	8.1	3.10	5.0
%RSD	.13001	.04578	.20071	3.1008	.15922

#1	2018.7	46072.	4025.0	97.833	3147.3
#2	2022.4	46102.	4036.5	102.22	3154.4

Sample Name: J4770-14 Acquired: 9/24/2018 19:20:28 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00347	-.00126	.01337	.00617	.03417	.05870	.13062	-.00011
Stddev	.00069	.00002	.00081	.00299	.00058	.00398	.00095	.00000
%RSD	19.863	1.7079	6.0455	48.425	1.6882	6.7813	.72818	.58694

#1	-.00298	-.00128	.01280	.00828	.03458	.05589	.13129	-.00011
#2	-.00395	-.00125	.01394	.00406	.03377	.06152	.12995	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	29.894	-.00009	.00091	.00668	.01075	.34338	.94101
Stddev	.00008	.062	.00021	.00007	.00054	.01132	.00017	.03222
%RSD	18.581	.20735	238.57	8.0273	8.1265	105.35	.04854	3.4245

#1	.00047	29.850	.00006	.00085	.00630	.01875	.34327	.96380
#2	.00036	29.938	-.00024	.00096	.00707	.00274	.34350	.91822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00039	257.68	-.00027	.05812	1.2310	.00004	.00916
Stddev	.00041	.00017	1.30	.00046	.00010	.0040	.00018	.00350
%RSD	24.438	43.208	.50348	167.85	.16907	.32579	401.19	38.225

#1	.00197	.00027	256.76	-.00059	.05805	1.2282	-.00008	.01164
#2	.00139	.00051	258.60	.00005	.05819	1.2339	.00017	.00669

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41547	.75647	.00122	-.00035	.00309	.0171	.10765	1.2732
Stddev	.00021	.00801	.00144	.00133	.01078	.0008	.00010	.0243
%RSD	.05139	1.0588	117.62	379.48	348.92	4.559	.08873	1.9100

#1	.41532	.76213	.00224	-.00129	.01071	.0176	.10758	1.2561
#2	.41562	.75080	.00021	.00059	-.00453	.0165	.10771	1.2904

Sample Name: J4770-14 Acquired: 9/24/2018 19:20:28 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4977
 Stddev .1807
 %RSD 7.2326

#1 2.6254
 #2 2.3700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.1	46474.	3991.0	98.115	3172.0
Stddev	6.8	117.	8.1	.366	9.2
%RSD	.33623	.25117	.20238	.37290	.28965

#1	2018.3	46391.	3996.8	97.856	3165.5
#2	2027.9	46557.	3985.3	98.373	3178.5

Sample Name: J4770-16 Acquired: 9/24/2018 19:24:37 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 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	-.00379	.02291	.00651	-.00346	.03979	.12455	-.00009
Stddev	.00208	.00034	.00084	.00060	.00152	.00053	.00013	.00010
%RSD	54.239	9.0009	3.6818	9.2440	44.015	1.3273	.10621	111.76

#1	-.00236	-.00403	.02231	.00609	-.00453	.03942	.12464	-.00016
#2	-.00529	-.00355	.02351	.00694	-.00238	.04016	.12445	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	39.400	-.00015	.00133	.00735	-.00030	.77860	1.6806
Stddev	.00005	.018	.00032	.00019	.00024	.00000	.00019	.0863
%RSD	9.6018	.04479	210.27	14.167	3.3156	.79099	.02430	5.1337

#1	.00059	39.387	-.00038	.00120	.00718	-.00030	.77846	1.6196
#2	.00052	39.412	.00007	.00147	.00753	-.00030	.77873	1.7416

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00373	.00033	280.47	-.00089	.08853	1.3542	.00008	.00837
Stddev	.00012	.00019	2.49	.00024	.00008	.0000	.00005	.00151
%RSD	3.2243	58.866	.88769	26.598	.08979	.00226	59.177	17.994

#1	.00365	.00019	278.71	-.00105	.08848	1.3541	.00012	.00943
#2	.00382	.00047	282.23	-.00072	.08859	1.3542	.00005	.00730

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67851	1.1515	.00143	-.00064	.00336	.0176	.19625	1.0255
Stddev	.00112	.0000	.00016	.00072	.00506	.0053	.00003	.4211
%RSD	.16438	.00072	10.985	111.21	150.58	30.09	.01660	41.063

#1	.67930	1.1515	.00132	-.00115	.00694	.0139	.19623	.72770
#2	.67772	1.1515	.00154	-.00014	-.00022	.0214	.19627	1.3232

Sample Name: J4770-16 Acquired: 9/24/2018 19:24:37 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9890
 Stddev .0587
 %RSD 1.9623

#1 3.0305
 #2 2.9475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.3	46572.	4009.7	97.738	3181.5
Stddev	6.2	33.	11.7	.401	9.1
%RSD	.30386	.07165	.29301	.41055	.28554

#1	2028.9	46595.	4001.4	97.455	3175.1
#2	2037.7	46548.	4018.0	98.022	3187.9

Sample Name: J4770-18 Acquired: 9/24/2018 19:28:45 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	-.00419	.01756	.00489	.05746	.18828	.14494	-.00012
Stddev	.00203	.00128	.00062	.00184	.00108	.01456	.00020	.00008
%RSD	98.241	30.431	3.5270	37.657	1.8719	7.7321	.13657	66.651

#1	-.00063	-.00329	.01712	.00359	.05670	.19858	.14480	-.00018
#2	-.00350	-.00510	.01800	.00619	.05822	.17799	.14508	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	38.491	-.00049	.00125	.00743	.21910	.45271	.60414
Stddev	.00002	.183	.00052	.00017	.00012	.00622	.00052	.06428
%RSD	6.0579	.47506	106.03	13.637	1.5766	2.8406	.11413	10.639

#1	.00037	38.361	-.00012	.00113	.00735	.22350	.45234	.55869
#2	.00040	38.620	-.00086	.00137	.00751	.21470	.45307	.64959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.00073	251.91	.00037	.08260	.80212	.00003	.00400
Stddev	.00026	.00011	.51	.00029	.00064	.02965	.00006	.00099
%RSD	11.570	15.280	.20210	79.672	.77211	3.6960	188.62	24.601

#1	.00245	.00081	252.27	.00016	.08305	.78116	.00007	.00331
#2	.00208	.00065	251.55	.00057	.08215	.82308	-.00001	.00470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23031	.64609	.00180	.00515	.00452	.0287	.12880	1.7881
Stddev	.00270	.00923	.00009	.00014	.00420	.0016	.00035	.1645
%RSD	1.1704	1.4286	5.0285	2.7932	93.022	5.624	.27544	9.1991

#1	.23222	.65262	.00186	.00505	.00155	.0275	.12855	1.9044
#2	.22841	.63956	.00174	.00525	.00749	.0298	.12905	1.6718

Sample Name: J4770-18 Acquired: 9/24/2018 19:28:45 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9912
 Stddev .5330
 %RSD 17.818

#1 2.6143
 #2 3.3681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.5	46258.	4036.0	101.09	3174.9
Stddev	.9	4.	32.3	.71	6.3
%RSD	.04336	.00899	.79986	.70534	.19796

#1	2026.8	46261.	4013.2	100.58	3179.3
#2	2028.1	46255.	4058.9	101.59	3170.5

Sample Name: J4770-20 Acquired: 9/24/2018 19:32:53 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00341	.00940	.00227	-.00161	.07440	.10074	-.00001
Stddev	.00058	.00137	.00007	.00074	.00045	.01219	.00036	.00001
%RSD	33.893	40.062	.73557	32.460	28.332	16.391	.36057	92.708

#1	-.00130	-.00244	.00935	.00279	-.00193	.06578	.10049	-.00002
#2	-.00211	-.00437	.00945	.00175	-.00128	.08302	.10100	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	29.451	-.00043	.00278	.01305	.16792	1.3108	1.7259
Stddev	.00006	.125	.00010	.00001	.00044	.01526	.0029	.0167
%RSD	7.8751	.42282	22.468	.44702	3.3402	9.0886	.21956	.96673

#1	.00066	29.363	-.00036	.00279	.01336	.15712	1.3087	1.7377
#2	.00074	29.539	-.00050	.00277	.01274	.17871	1.3128	1.7141

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	.00069	293.45	-.00087	.02956	1.8275	-.00012	.01075
Stddev	.00018	.00026	2.29	.00005	.00124	.0014	.00002	.00258
%RSD	8.6296	37.278	.78101	5.9024	4.1942	.07381	20.532	24.046

#1	.00193	.00051	291.83	-.00084	.02868	1.8284	-.00013	.01258
#2	.00218	.00087	295.07	-.00091	.03043	1.8265	-.00010	.00892

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82950	.67490	.00136	.00160	-.00600	.0143	.16175	1.6199
Stddev	.00051	.00107	.00054	.00030	.00183	.0024	.00006	.6866
%RSD	.06157	.15890	39.712	18.832	30.506	16.86	.03933	42.383

#1	.82986	.67566	.00098	.00181	-.00729	.0160	.16180	1.1345
#2	.82914	.67414	.00175	.00139	-.00470	.0126	.16171	2.1054

Sample Name: J4770-20 Acquired: 9/24/2018 19:32:53 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JC-02-092118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3475
 Stddev .4221
 %RSD 17.981

#1 2.0490
 #2 2.6460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.4	46293.	4025.2	98.158	3148.5
Stddev	10.1	141.	6.1	2.732	9.8
%RSD	.50107	.30504	.15076	2.7838	.31198

#1	2008.2	46393.	4029.5	100.09	3141.6
#2	2022.5	46193.	4020.9	96.226	3155.5

Sample Name: J5042-05 Acquired: 9/24/2018 19:37:03 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2018-NYSEG-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	.00140	-.00204	.01491	.00290	-.00216	-.01965	.31563	-.00009
Stddev	.00337	.00063	.00114	.00252	.00057	.01175	.00090	.00009
%RSD	240.50	31.030	7.6349	87.072	26.316	59.804	.28586	93.752

#1	.00379	-.00249	.01571	.00111	-.00256	-.01134	.31500	-.00003
#2	-.00098	-.00159	.01410	.00468	-.00176	-.02796	.31627	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	165.96	.00174	-.00003	.00297	-.02331	.02404	3.3198
Stddev	.00012	.58	.00005	.00005	.00014	.01672	.00003	.0796
%RSD	16.576	.35025	3.1142	162.38	4.7161	71.731	.13397	2.3989

#1	.00083	165.55	.00171	.00000	.00306	-.01149	.02402	3.3761
#2	.00065	166.38	.00178	-.00006	.00287	-.03514	.02407	3.2635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00829	.00015	337.37	.00002	.11898	.89858	.00077	.01900
Stddev	.00024	.00006	1.40	.00001	.00010	.03802	.00032	.01597
%RSD	2.9395	40.874	.41558	39.868	.07999	4.2312	41.654	84.080

#1	.00811	.00011	336.38	.00003	.11891	.87170	.00100	.03029
#2	.00846	.00020	338.36	.00001	.11905	.92547	.00054	.00770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73221	.48550	.00269	-.00610	.03220	.0007	.22490	5.5027
Stddev	.00088	.00551	.00088	.00101	.00752	.0015	.00039	.6816
%RSD	.11981	1.1349	32.735	16.532	23.370	222.7	.17143	12.387

#1	.73283	.48160	.00207	-.00539	.03752	.0017	.22462	5.9847
#2	.73159	.48939	.00331	-.00682	.02688	-.0004	.22517	5.0207

Sample Name: J5042-05 Acquired: 9/24/2018 19:37:03 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2018-NYSEG-C Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4905
Stddev	.3805
%RSD	15.277

#1	2.7595
#2	2.2215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.5	44932.	3940.4	96.401	3019.5
Stddev	.4	122.	23.0	.399	10.8
%RSD	.02237	.27070	.58359	.41435	.35639

#1	1952.2	44846.	3956.6	96.119	3011.9
#2	1952.8	45018.	3924.1	96.684	3027.1

Sample Name: J5042-06 Acquired: 9/24/2018 19:41:11 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2018-NYSEG-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	-.00222	-.00192	.01328	.00605	-.00134	-.00299	.26376	-.00013
Stddev	.00237	.00211	.00074	.00064	.00117	.00646	.00027	.00009
%RSD	106.71	109.96	5.5562	10.632	87.034	216.01	.10346	63.903
#1	-.00054	-.00043	.01381	.00651	-.00217	.00158	.26357	-.00007
#2	-.00389	-.00340	.01276	.00560	-.00052	-.00756	.26395	-.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	124.87	.00085	.00050	.00267	-.03260	.11192	2.4427
Stddev	.00006	1.46	.00034	.00030	.00029	.00751	.00086	.0483
%RSD	8.6377	1.1726	39.669	59.901	11.012	23.048	.76974	1.9758
#1	.00077	123.84	.00109	.00029	.00288	-.02728	.11131	2.4768
#2	.00068	125.91	.00061	.00071	.00246	-.03791	.11253	2.4086
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00953	.00012	252.54	.00001	.14641	.82497	.00031	.01558
Stddev	.00046	.00009	2.47	.00023	.00108	.02200	.00002	.00367
%RSD	4.8558	77.033	.97951	2150.1	.73462	2.6663	5.8684	23.584
#1	.00986	.00018	250.79	.00017	.14717	.80942	.00029	.01818
#2	.00921	.00005	254.29	-.00015	.14564	.84053	.00032	.01298
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77856	.45853	.00130	-.00323	.02807	.0000	.17402	3.2145
Stddev	.00223	.01166	.00040	.00033	.00359	.0002	.00091	.3936
%RSD	.28687	2.5438	30.766	10.264	12.777	468.1	.52137	12.244
#1	.78014	.45029	.00102	-.00346	.02554	.0001	.17466	3.4928
#2	.77698	.46678	.00158	-.00300	.03061	-.0001	.17338	2.9362

Sample Name: J5042-06 Acquired: 9/24/2018 19:41:11 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2018-NYSEG-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5008
Stddev	.2266
%RSD	9.0597

#1	2.6611
#2	2.3406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.9	46127.	3979.0	98.511	3082.1
Stddev	1.1	175.	40.0	1.091	.8
%RSD	.05733	.37961	1.0061	1.1077	.02675

#1	1980.7	46003.	4007.3	97.740	3081.5
#2	1979.1	46250.	3950.7	99.283	3082.7

Sample Name: CCV10 Acquired: 9/24/2018 19:45:20 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113146TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8517	4.8208	4.7617	4.9539	4.9333	10.011	10.123
Stddev	.0028	.0089	.0021	.0115	.0040	.078	.009
%RSD	.05773	.18492	.04332	.23109	.08043	.77435	.09123

#1	4.8497	4.8145	4.7602	4.9620	4.9361	9.9561	10.130
#2	4.8537	4.8271	4.7631	4.9458	4.9305	10.066	10.117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24246	2.3814	24.672	.95126	2.2862	1.2042	4.9089
Stddev	.00018	.0036	.005	.00334	.0037	.0001	.1056
%RSD	.07532	.15233	.01828	.35130	.16089	.00718	2.1508

#1	.24259	2.3789	24.669	.94890	2.2836	1.2041	4.8342
#2	.24233	2.3840	24.675	.95363	2.2888	1.2042	4.9836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3846	24.295	2.3824	1.2077	24.666	2.4213	2.4094
Stddev	.0025	.108	.0018	.0015	.029	.0008	.0434
%RSD	.10498	.44289	.07672	.12410	.11733	.03519	1.8002

#1	2.3828	24.219	2.3811	1.2088	24.687	2.4207	2.3788
#2	2.3864	24.371	2.3837	1.2067	24.646	2.4219	2.4401

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.982	4.9586	4.9320	4.8231	4.7629	4.8004	4.9468
Stddev	.040	.0095	.0396	.0052	.0175	.0083	.0022
%RSD	.15945	.19207	.80269	.10731	.36682	.17340	.04388

#1	24.954	4.9519	4.9040	4.8194	4.7505	4.7945	4.9452
#2	25.010	4.9654	4.9600	4.8268	4.7752	4.8063	4.9483

Sample Name: CCV10 Acquired: 9/24/2018 19:45:20 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113146TB Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4248	4.974	4.9213	F<.00000	F 3.7863
Stddev	.0380	.002	.0482	.19498	.0656
%RSD	.85805	.0432	.97940	13.878	1.7314
#1	4.3980	4.972	4.9554	-1.2671	3.8327
#2	4.4517	4.975	4.8872	-1.5428	3.7400
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.9	49051.	4050.6	99.937	3342.6
Stddev	4.9	75.	3.9	1.416	4.4
%RSD	.22961	.15188	.09660	1.4171	.13184
#1	2145.4	48999.	4047.8	100.94	3339.5
#2	2152.4	49104.	4053.3	98.935	3345.7

Sample Name: CCB10 Acquired: 9/24/2018 19:49:08 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	.00150	-.00260	-.00076	-.00283	.00922	-.00059
Stddev	.00270	.00027	.00075	.00073	.00020	.00781	.00041
%RSD	149.19	17.789	28.909	96.016	7.0123	84.774	68.929

#1	.00010	.00131	-.00313	-.00024	-.00297	.00369	-.00088
#2	-.00372	.00169	-.00207	-.00127	-.00269	.01474	-.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00024	-.01468	.00003	.00031	-.00032	-.00443
Stddev	.00005	.00000	.00900	.00020	.00008	.00011	.00342
%RSD	72.455	2.0627	61.292	684.08	24.868	35.503	77.062

#1	.00003	.00023	-.00832	-.00011	.00036	-.00024	-.00685
#2	.00009	.00024	-.02104	.00017	.00025	-.00040	-.00202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.03434	.00078	.00035	-.36089	.00022	-.00067
Stddev	.00003	.02985	.00024	.00018	.01217	.00040	.00011
%RSD	21.784	86.924	30.497	52.708	3.3722	181.50	16.636

#1	-.00010	.01323	.00095	.00047	-.36950	-.00006	-.00059
#2	-.00014	.05545	.00061	.00022	-.35228	.00051	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05711	.00083	.00700	-.00585	-.00647	-.00030	.00052
Stddev	.02267	.00002	.00961	.00464	.00575	.00086	.00077
%RSD	39.693	2.5184	137.27	79.346	88.860	283.17	147.86

#1	-.07314	.00085	.01380	-.00913	-.00241	.00030	-.00002
#2	-.04108	.00082	.00021	-.00257	-.01054	-.00091	.00107

Sample Name: CCB10 Acquired: 9/24/2018 19:49:08 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02521	-.0015	.00002	F<.00000	F .95661
Stddev	.00225	.0007	.00005	.09424	.25937
%RSD	8.9348	44.50	304.97	2.4827	27.114

#1	-.02361	-.0020	.00006	-3.7294	.77321
#2	-.02680	-.0010	-.00002	-3.8627	1.1400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.1	50671.	4067.4	102.61	3743.7
Stddev	9.5	104.	8.9	.65	16.6
%RSD	.42810	.20477	.21897	.63433	.44358

#1	2212.3	50598.	4061.1	102.15	3732.0
#2	2225.8	50745.	4073.7	103.07	3755.4

Sample Name: J5042-07 Acquired: 9/24/2018 19:53:14 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2018-NYSEG-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	-.00129	-.00337	.01678	.00378	.00128	-.00025	.25704	-.00009
Stddev	.00436	.00049	.00145	.00619	.00049	.00323	.00038	.00005
%RSD	339.29	14.672	8.6619	163.83	37.933	1282.4	.14724	55.712

#1	-.00437	-.00302	.01781	-.00060	.00163	.00203	.25677	-.00012
#2	.00180	-.00372	.01575	.00816	.00094	-.00253	.25731	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	146.93	-.00075	.00189	.00213	-.03978	.22432	2.7611
Stddev	.00005	.57	.00019	.00021	.00008	.00017	.00056	.0209
%RSD	6.4868	.39068	25.513	10.889	3.6777	.43260	.25085	.75705

#1	.00068	146.53	-.00061	.00204	.00207	-.03990	.22393	2.7463
#2	.00074	147.34	-.00088	.00175	.00218	-.03966	.22472	2.7759

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01153	-.00007	294.73	.00034	.14960	.84942	.00124	.01356
Stddev	.00022	.00023	2.64	.00054	.00013	.00771	.00011	.01256
%RSD	1.8813	314.18	.89533	159.93	.08776	.90738	9.1331	92.610

#1	.01168	.00009	296.60	.00072	.14969	.84397	.00132	.02244
#2	.01138	-.00024	292.86	-.00004	.14951	.85487	.00116	.00468

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73926	.57205	.00308	-.00216	.02919	-.0002	.25083	4.5622
Stddev	.00214	.00818	.00014	.00115	.00002	.0016	.00102	.1038
%RSD	.28908	1.4294	4.6441	53.156	.06581	978.9	.40688	2.2741

#1	.73775	.57783	.00318	-.00297	.02921	.0010	.25011	4.6356
#2	.74077	.56627	.00298	-.00135	.02918	-.0013	.25155	4.4889

Sample Name: J5042-07 Acquired: 9/24/2018 19:53:14 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2018-NYSEG-C Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7177
Stddev .2030
%RSD 7.4698

#1 2.5742
#2 2.8613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.5	45282.	3951.3	97.705	3046.6
Stddev	17.0	6.	36.1	.661	23.1
%RSD	.86630	.01294	.91268	.67639	.75716

#1	1950.5	45278.	3925.8	97.237	3030.3
#2	1974.5	45287.	3976.8	98.172	3062.9

Sample Name: J5042-08 Acquired: 9/24/2018 19:57:22 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2018-NYSEG-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	-.00029	-.00110	.00613	.00654	-.00286	.00458	.20142	-.00014
Stddev	.00079	.00072	.00105	.00053	.00199	.01012	.00008	.00001
%RSD	274.59	65.662	17.136	8.1125	69.438	221.19	.04040	9.1693

#1	.00027	-.00162	.00539	.00691	-.00146	-.00258	.20137	-.00013
#2	-.00085	-.00059	.00688	.00616	-.00427	.01174	.20148	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	134.83	.00012	-.00011	.00198	-.03093	.02128	3.0319
Stddev	.00002	1.55	.00030	.00034	.00054	.01376	.00015	.0290
%RSD	4.8586	1.1472	251.59	298.04	27.584	44.481	.72553	.95571

#1	.00044	133.74	.00033	.00013	.00159	-.02120	.02139	3.0114
#2	.00047	135.93	-.00009	-.00036	.00236	-.04066	.02117	3.0524

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00516	.00008	273.96	-.00000	.09622	.80402	.00039	.02013
Stddev	.00008	.00042	3.22	.00008	.00131	.00024	.00017	.00463
%RSD	1.6151	539.39	1.1758	11328.	1.3628	.02946	44.652	23.016

#1	.00521	-.00022	271.68	.00006	.09529	.80385	.00027	.01685
#2	.00510	.00037	276.24	-.00006	.09715	.80419	.00051	.02340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97691	.65815	.00200	-.00426	.02839	.0012	.19604	4.1842
Stddev	.00524	.00268	.00067	.00140	.00006	.0012	.00082	.1838
%RSD	.53637	.40669	33.471	32.914	.20288	106.0	.41779	4.3927

#1	.97321	.65626	.00153	-.00327	.02835	.0003	.19546	4.3142
#2	.98062	.66005	.00247	-.00525	.02843	.0020	.19662	4.0542

Sample Name: J5042-08 Acquired: 9/24/2018 19:57:22 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2018-NYSEG-C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5166
 Stddev .0456
 %RSD 1.8106

#1 2.4843
 #2 2.5488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.1	45731.	3956.7	96.167	3085.3
Stddev	8.6	39.	34.6	.871	11.1
%RSD	.43241	.08519	.87322	.90594	.35860

#1	1978.0	45703.	3981.1	96.783	3077.5
#2	1990.1	45758.	3932.3	95.551	3093.1

Sample Name: J5057-10 Acquired: 9/24/2018 20:01:32 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00357	.00148	.00188	-.00240	.88760	.08236	.00001
Stddev	.00198	.00146	.00216	.00236	.00037	.00225	.00109	.00002
%RSD	509.96	41.006	145.76	125.45	15.479	.25360	1.3192	251.83

#1	.00101	-.00461	-.00005	.00021	-.00267	.88601	.08313	-.00001
#2	-.00179	-.00254	.00301	.00355	-.00214	.88919	.08159	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	39.042	.00123	.00186	.00412	.71649	.16536	19.056
Stddev	.00012	.010	.00054	.00012	.00046	.00551	.00024	.177
%RSD	119.53	.02563	43.747	6.3507	11.106	.76873	.14416	.92841

#1	.00019	39.035	.00161	.00178	.00445	.72039	.16519	18.931
#2	.00002	39.049	.00085	.00194	.00380	.71260	.16553	19.181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	-.00019	289.65	.00155	.05930	.41859	-.00007	-.00257
Stddev	.00024	.00000	.31	.00023	.00060	.00611	.00019	.00833
%RSD	13.267	1.1129	.10793	14.584	1.0106	1.4590	268.72	324.58

#1	.00195	-.00019	289.87	.00171	.05973	.41428	-.00020	-.00846
#2	.00161	-.00019	289.43	.00139	.05888	.42291	.00006	.00333

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08434	1.2411	.00224	.01871	-.00559	.0109	.02151	2.2199
Stddev	.00288	.0014	.00073	.00126	.00592	.0018	.00002	.1462
%RSD	3.4163	.10885	32.636	6.7518	105.83	16.56	.07999	6.5867

#1	.08638	1.2420	.00172	.01961	-.00978	.0122	.02150	2.3233
#2	.08230	1.2401	.00275	.01782	-.00141	.0097	.02153	2.1165

Sample Name: J5057-10 Acquired: 9/24/2018 20:01:32 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HC-SOIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8130
 Stddev .4837
 %RSD 17.197

#1 2.4709
 #2 3.1550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.3	46440.	3997.4	97.608	3140.0
Stddev	13.7	26.	10.5	1.264	16.8
%RSD	.67870	.05696	.26164	1.2952	.53476

#1	2014.6	46459.	3990.0	96.714	3128.1
#2	2034.0	46421.	4004.8	98.502	3151.9

Sample Name: J5059-04 Acquired: 9/24/2018 20:05:40 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	-.00336	-.00004	.00647	-.00226	.00760	.04766	-.00008
Stddev	.00015	.00106	.00029	.00507	.00045	.00006	.00080	.00005
%RSD	7.2049	31.484	743.97	78.369	19.698	.83897	1.6840	66.965

#1	-.00191	-.00411	-.00025	.00288	-.00257	.00764	.04823	-.00004
#2	-.00212	-.00261	.00017	.01005	-.00195	.00755	.04709	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	50.027	.03425	.00075	-.00011	-.01652	.00138	52.313
Stddev	.00003	.025	.00033	.00001	.00027	.00626	.00000	.328
%RSD	126.97	.04921	.95337	1.3429	233.41	37.886	.03930	.62791

#1	-.00000	50.044	.03402	.00074	.00007	-.01210	.00138	52.081
#2	-.00005	50.009	.03448	.00076	-.00030	-.02095	.00138	52.546

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00574	.00015	254.41	.00185	.02004	.44872	.00012	.00830
Stddev	.00001	.00019	.98	.00002	.00023	.00586	.00033	.00087
%RSD	.08757	122.42	.38325	.84128	1.1341	1.3070	278.72	10.504

#1	.00574	.00029	255.10	.00186	.02020	.44458	-.00012	.00768
#2	.00575	.00002	253.72	.00184	.01988	.45287	.00035	.00892

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15650	.38979	.00202	-.00169	-.00407	-.0008	.18890	2.4908
Stddev	.00302	.00522	.00040	.00004	.00530	.0011	.00055	.4849
%RSD	1.9309	1.3383	19.594	2.1909	130.29	139.2	.29257	19.466

#1	.15864	.38610	.00174	-.00167	-.00032	-.0000	.18929	2.1480
#2	.15436	.39348	.00230	-.00172	-.00781	-.0016	.18851	2.8337

Sample Name: J5059-04 Acquired: 9/24/2018 20:05:40 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2420
 Stddev .3636
 %RSD 16.217

#1 1.9849
 #2 2.4991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.4	46107.	3972.2	97.926	3108.9
Stddev	1.5	90.	14.9	.544	1.9
%RSD	.07739	.19536	.37546	.55507	.06009

#1	1981.3	46043.	3961.7	97.541	3107.5
#2	1983.5	46171.	3982.8	98.310	3110.2

Sample Name: J5061-04 Acquired: 9/24/2018 20:09:50 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 230-KV-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	-.00344	-.00017	.00561	-.00442	.22593	.05067	-.00016
Stddev	.00023	.00317	.00117	.00298	.00002	.01587	.00011	.00010
%RSD	22.837	92.391	671.60	53.012	.41745	7.0246	.21835	63.706

#1	-.00118	-.00568	-.00100	.00772	-.00441	.21471	.05075	-.00023
#2	-.00085	-.00119	.00066	.00351	-.00444	.23716	.05059	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	141.85	.04005	-.00021	.00082	.01942	.00090	.02396
Stddev	.00007	.51	.00080	.00015	.00020	.00861	.00004	.02422
%RSD	85.619	.35889	2.0046	71.784	24.690	44.313	4.8652	101.09

#1	-.00014	141.49	.03949	-.00031	.00097	.02551	.00093	.00683
#2	-.00003	142.21	.04062	-.00010	.00068	.01334	.00087	.04109

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	.00017	272.14	.00039	.00635	4.0738	.00216	-.00380
Stddev	.00094	.00015	.06	.00010	.00012	.0327	.00007	.00652
%RSD	93.572	89.497	.02030	26.125	1.8577	.80358	3.4229	171.47

#1	-.00034	.00006	272.18	.00046	.00643	4.0507	.00210	.00081
#2	-.00168	.00028	272.10	.00032	.00626	4.0970	.00221	-.00841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4506	.75844	.00162	-.00096	.02067	-.0005	1.1618	3.6591
Stddev	.0145	.00043	.00088	.00242	.00016	.0025	.0042	.4733
%RSD	.59246	.05612	54.734	252.72	.79595	466.8	.36150	12.936

#1	2.4404	.75874	.00224	.00076	.02056	-.0023	1.1588	3.9938
#2	2.4609	.75814	.00099	-.00267	.02079	.0013	1.1648	3.3244

Sample Name: J5061-04 Acquired: 9/24/2018 20:09:50 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 230-KV-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2084
Stddev	.8246
%RSD	37.340

#1	1.6253
#2	2.7915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.6	46352.	3955.7	96.565	3105.4
Stddev	6.1	178.	19.7	1.017	7.1
%RSD	.30597	.38295	.49899	1.0527	.23021

#1	2004.9	46227.	3941.7	95.846	3110.5
#2	1996.2	46478.	3969.7	97.283	3100.4

Sample Name: J5061-09 Acquired: 9/24/2018 20:13:59 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00387	.00023	.00402	-.00357	.81552	.06994	-.00009
Stddev	.00000	.00155	.00043	.00002	.00130	.00291	.00020	.00001
%RSD	1.0292	40.080	186.12	.38284	36.288	.35662	.28109	12.705

#1	.00031	-.00496	-.00007	.00401	-.00449	.81758	.07008	-.00010
#2	.00031	-.00277	.00054	.00403	-.00265	.81347	.06980	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	160.28	.04263	.00058	.00257	.65372	.02105	.47806
Stddev	.00000	.03	.00004	.00031	.00021	.01577	.00006	.09516
%RSD	4.1692	.02096	.09702	53.834	8.3459	2.4118	.27376	19.906

#1	-.00006	160.25	.04261	.00080	.00242	.64257	.02109	.41077
#2	-.00006	160.30	.04266	.00036	.00272	.66487	.02101	.54535

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00001	271.82	.00285	.03087	4.3737	.00260	.00119
Stddev	.00038	.00102	.13	.00013	.00095	.0075	.00004	.00594
%RSD	104.24	9157.7	.04728	4.6229	3.0680	.17188	1.6575	499.05

#1	.00063	-.00071	271.73	.00294	.03154	4.3790	.00257	-.00301
#2	.00010	.00074	271.91	.00276	.03020	4.3684	.00263	.00539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3324	2.3838	.00208	.04755	.04238	.0159	1.1790	3.6909
Stddev	.0079	.0075	.00071	.00007	.00396	.0020	.0026	.0015
%RSD	.59059	.31336	34.072	.13804	9.3389	12.82	.22048	.03949

#1	1.3380	2.3891	.00158	.04751	.03958	.0173	1.1808	3.6919
#2	1.3268	2.3785	.00258	.04760	.04518	.0145	1.1771	3.6898

Sample Name: J5061-09 Acquired: 9/24/2018 20:13:59 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9474
Stddev .2723
%RSD 9.2377

#1 3.1400
#2 2.7549

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.7	46257.	3949.3	95.490	3093.2
Stddev	9.8	78.	19.9	2.640	15.7
%RSD	.49354	.16860	.50287	2.7649	.50635

#1	1987.8	46202.	3935.2	93.623	3082.2
#2	2001.7	46312.	3963.3	97.357	3104.3

Sample Name: J5061-14 Acquired: 9/24/2018 20:18:08 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-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	-.00143	-.00257	-.00119	.00255	-.00451	.14344	.05159	-.00006
Stddev	.00001	.00334	.00016	.00121	.00222	.01176	.00010	.00005
%RSD	.36268	129.83	13.602	47.628	49.317	8.2019	.18797	78.415

#1	-.00143	-.00021	-.00108	.00340	-.00608	.13512	.05166	-.00009
#2	-.00144	-.00493	-.00131	.00169	-.00294	.15176	.05152	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	135.71	.04062	.00034	.00065	-.01574	-.00016	.01655
Stddev	.00003	.50	.00040	.00017	.00041	.00260	.00007	.02539
%RSD	148.42	.36967	.97491	50.421	63.419	16.540	44.197	153.44

#1	-.00000	136.06	.04090	.00046	.00036	-.01390	-.00021	-.00141
#2	.00005	135.35	.04034	.00022	.00094	-.01759	-.00011	.03450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.00023	256.62	.00075	.00635	3.4097	.00241	.00147
Stddev	.00027	.00036	1.95	.00019	.00000	.0502	.00004	.00748
%RSD	35.638	155.24	.76148	25.960	.00139	1.4722	1.7705	509.74

#1	-.00058	-.00002	255.24	.00089	.00635	3.4452	.00238	-.00382
#2	-.00096	.00049	258.00	.00061	.00635	3.3743	.00244	.00676

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9979	.53971	.00129	-.00403	.01433	-.0036	.90129	3.6705
Stddev	.0111	.00499	.00088	.00022	.00379	.0018	.00456	.4630
%RSD	.55751	.92547	67.802	5.5299	26.453	49.37	.50624	12.614

#1	1.9901	.54324	.00067	-.00419	.01165	-.0023	.90452	3.3431
#2	2.0058	.53618	.00191	-.00388	.01700	-.0048	.89807	3.9979

Sample Name: J5061-14 Acquired: 9/24/2018 20:18:08 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 230-KV-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.9012
Stddev	.2265
%RSD	7.8084

#1	2.7410
#2	3.0614

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.9	46522.	4003.6	98.553	3157.5
Stddev	15.4	194.	7.0	.460	9.3
%RSD	.75306	.41732	.17490	.46689	.29394

#1	2029.1	46385.	3998.6	98.879	3151.0
#2	2050.8	46659.	4008.5	98.228	3164.1

Sample Name: J5061-14DUP Acquired: 9/24/2018 20:22:18 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-CDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00138	-.00055	.00409	-.00367	.14338	.05173	-.00009
Stddev	.00107	.00076	.00060	.00232	.00089	.00252	.00025	.00001
%RSD	69.648	55.469	108.63	56.669	24.144	1.7587	.47665	7.9748

#1	.00229	-.00084	-.00098	.00573	-.00430	.14516	.05156	-.00009
#2	.00078	-.00192	-.00013	.00245	-.00305	.14159	.05190	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	135.32	.03979	.00034	.00077	-.01698	-.00015	-.01345
Stddev	.00003	1.25	.00062	.00013	.00031	.00572	.00000	.03104
%RSD	71.280	.92420	1.5477	39.137	39.898	33.689	1.7223	230.83

#1	-.00002	136.20	.03935	.00044	.00099	-.02103	-.00015	-.03540
#2	-.00006	134.43	.04022	.00025	.00055	-.01294	-.00015	.00850

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	.00021	256.56	.00022	.00600	3.4267	.00213	-.01149
Stddev	.00027	.00060	6.58	.00069	.00005	.0066	.00021	.00514
%RSD	36.823	280.89	2.5630	313.38	.78694	.19122	9.8575	44.729

#1	-.00054	.00064	261.21	-.00027	.00597	3.4221	.00198	-.00785
#2	-.00092	-.00021	251.91	.00071	.00604	3.4314	.00228	-.01512

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9986	.53875	.00049	-.00645	.00695	-.0017	.89729	3.4351
Stddev	.0103	.01447	.00083	.00037	.00608	.0029	.00809	.1745
%RSD	.51643	2.6852	171.63	5.8122	87.486	170.4	.90169	5.0802

#1	1.9913	.54898	.00108	-.00672	.01125	.0004	.90301	3.5585
#2	2.0059	.52852	-.00010	-.00619	.00265	-.0038	.89157	3.3117

Sample Name: J5061-14DUP Acquired: 9/24/2018 20:22:18 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 230-KV-CDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.4127
Stddev	.1941
%RSD	5.6884

#1	3.2754
#2	3.5500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.6	46722.	4002.3	100.39	3164.2
Stddev	3.1	98.	59.7	.29	5.4
%RSD	.15215	.21023	1.4918	.28901	.17022

#1	2044.4	46791.	3960.0	100.59	3160.4
#2	2048.8	46652.	4044.5	100.18	3168.0

Sample Name: J5061-14MS Acquired: 9/24/2018 20:30:32 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-CMS 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	.81600	1.8911	.95003	2.0678	.78950	2.1218	.25543	.19538	.19572
Stddev	.00183	.0032	.00109	.0079	.00237	.0336	.00039	.00054	.00045
%RSD	.22429	.16968	.11516	.38408	.30040	1.5856	.15181	.27562	.23016

#1	.81471	1.8889	.94926	2.0622	.78783	2.0980	.25570	.19500	.19540
#2	.81729	1.8934	.95081	2.0735	.79118	2.1456	.25516	.19577	.19604

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	134.30	.41344	.18032	.27332	2.8730	.18850	1.8772	.46469	.07091
Stddev	1.60	.00065	.00060	.00041	.0428	.00083	.0567	.00167	.00056
%RSD	1.1948	.15781	.33109	.14947	1.4878	.43892	3.0210	.35973	.78700

#1	135.44	.41298	.17990	.27361	2.8428	.18908	1.8371	.46350	.07052
#2	133.17	.41390	.18074	.27303	2.9032	.18791	1.9173	.46587	.07131

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	255.70	.29681	.19317	13.891	.40970	.29336	1.9704	1.3951	.66760
Stddev	2.86	.00054	.00266	.059	.00030	.00258	.0042	.0145	.00445
%RSD	1.1191	.18239	1.3745	.42157	.07370	.88080	.21200	1.0409	.66618

#1	257.72	.29719	.19129	13.932	.40948	.29518	1.9675	1.4053	.66446
#2	253.68	.29643	.19505	13.849	.40991	.29153	1.9734	1.3848	.67075

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19905	1.7897	5.952	1.0801	2.8918	1.7241
Stddev	.00161	.0077	.000	.0094	.0882	.2461
%RSD	.80941	.43253	.0013	.86978	3.0512	14.275

#1	.19791	1.7843	5.951	1.0868	2.9542	1.8981
#2	.20019	1.7952	5.952	1.0735	2.8294	1.5500

Sample Name: J5061-14MS Acquired: 9/24/2018 20:30:32 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 230-KV-CMS 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	2029.9	47028.	3993.5	98.815	3138.5
Stddev	6.3	104.	44.9	1.104	.9
%RSD	.31022	.22132	1.1242	1.1171	.02789
#1	2025.4	46955.	3961.7	99.596	3137.9
#2	2034.3	47102.	4025.2	98.034	3139.1

Sample Name: CCV11 Acquired: 9/24/2018 20:34:29 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7479 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8581	4.8637	4.7963	4.9528	4.9569	10.195	10.137
Stddev	.0109	.0025	.0035	.0126	.0135	.061	.085
%RSD	.22475	.05169	.07390	.25380	.27217	.59516	.83519

#1	4.8658	4.8620	4.7988	4.9617	4.9665	10.238	10.197
#2	4.8504	4.8655	4.7938	4.9439	4.9474	10.152	10.077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24448	2.4031	25.052	.96548	2.3079	1.2140	4.9435
Stddev	.00012	.0021	.061	.00399	.0010	.0048	.0527
%RSD	.05035	.08894	.24535	.41285	.04349	.39767	1.0666

#1	.24439	2.4016	25.095	.96830	2.3072	1.2174	4.9062
#2	.24456	2.4046	25.008	.96266	2.3086	1.2106	4.9808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4108	24.749	2.4016	1.2218	24.788	2.4491	2.4129
Stddev	.0008	.126	.0043	.0017	.208	.0011	.0168
%RSD	.03095	.50978	.18058	.13796	.84113	.04654	.69808

#1	2.4102	24.660	2.4047	1.2230	24.936	2.4499	2.4010
#2	2.4113	24.839	2.3986	1.2206	24.641	2.4483	2.4248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.088	4.9870	4.9938	4.8364	4.7708	4.8279	5.0066
Stddev	.078	.0152	.0429	.0231	.0241	.0010	.0260
%RSD	.31054	.30438	.85888	.47768	.50482	.01984	.51834

#1	25.143	4.9977	4.9635	4.8528	4.7879	4.8272	5.0249
#2	25.033	4.9762	5.0241	4.8201	4.7538	4.8285	4.9882

Sample Name: CCV11 Acquired: 9/24/2018 20:34:29 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7479 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4792	4.991	4.8962	F<.00000	F 4.1523
Stddev	.0284	.018	.0411	.04567	.0018
%RSD	.63352	.3596	.83967	6.0208	.04402

#1	4.4992	5.004	4.9252	-.72618	4.1536
#2	4.4591	4.978	4.8671	-.79076	4.1510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.9	48631.	4039.3	100.18	3320.2
Stddev	6.8	30.	17.0	.70	5.1
%RSD	.31832	.06262	.42098	.69866	.15257

#1	2134.1	48653.	4027.3	100.68	3316.7
#2	2143.7	48610.	4051.4	99.686	3323.8

Sample Name: CCB11 Acquired: 9/24/2018 20:38:21 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7479 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00230	-.00289	-.00012	-.00209	.01596	-.00079
Stddev	.00182	.00104	.00151	.00197	.00243	.00574	.00037
%RSD	357.53	45.097	52.331	1598.9	116.15	35.973	46.471

#1	-.00078	.00156	-.00397	.00127	-.00381	.01190	-.00105
#2	.00180	.00303	-.00182	-.00151	-.00037	.02002	-.00053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00031	-.01375	-.00028	.00023	-.00036	.00723
Stddev	.00001	.00002	.03006	.00072	.00009	.00018	.01150
%RSD	50.498	4.8385	218.66	260.22	39.025	50.141	159.08

#1	-.00002	.00030	.00751	-.00078	.00030	-.00023	-.00090
#2	-.00001	.00032	-.03500	.00023	.00017	-.00048	.01536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.02411	.00080	.00029	-.35372	.00013	-.00064
Stddev	.00002	.01001	.00007	.00031	.00062	.00020	.00002
%RSD	24.688	41.538	8.6723	109.44	.17466	157.90	3.2858

#1	-.00011	-.01703	.00085	.00051	-.35416	-.00001	-.00062
#2	-.00008	-.03119	.00075	.00006	-.35329	.00027	-.00065

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04428	.00079	.00129	-.00262	-.00412	-.00067	-.00179
Stddev	.02466	.00023	.00275	.00040	.00447	.00005	.00213
%RSD	55.699	29.509	212.70	15.399	108.63	7.2599	118.88

#1	-.02684	.00096	.00324	-.00234	-.00096	-.00070	-.00329
#2	-.06171	.00063	-.00065	-.00291	-.00728	-.00063	-.00028

Sample Name: CCB11 Acquired: 9/24/2018 20:38:21 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7479 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02873	-.0016	-.00010	F<.00000	F 1.3107
Stddev	.00195	.0037	.00002	.17197	.2884
%RSD	6.7931	234.8	21.292	4.6848	22.006

#1	-.03011	.0011	-.00009	-3.5492	1.5146
#2	-.02735	-.0042	-.00012	-3.7924	1.1067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.0	50937.	4058.3	104.53	3774.3
Stddev	2.5	81.	38.0	1.58	5.3
%RSD	.11304	.15990	.93566	1.5148	.14122

#1	2233.2	50880.	4031.4	105.65	3770.5
#2	2236.8	50995.	4085.1	103.41	3778.1

Sample Name: J5061-14MSD Acquired: 9/24/2018 20:42:26 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-CMSD 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	.82056	1.8920	.95421	2.0701	.78965	2.1281	.25678	.19568	.19559
Stddev	.00611	.0055	.00090	.0101	.00066	.0098	.00075	.00028	.00013
%RSD	.74456	.28882	.09404	.48936	.08349	.46006	.29137	.14492	.06830

#1	.81624	1.8959	.95357	2.0773	.78918	2.1350	.25731	.19588	.19569
#2	.82488	1.8882	.95484	2.0629	.79012	2.1212	.25626	.19548	.19550

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	134.48	.41561	.18024	.27305	2.8681	.18823	1.9286	.46670	.07124
Stddev	1.02	.00163	.00091	.00092	.0433	.00031	.0175	.00103	.00020
%RSD	.75830	.39108	.50418	.33547	1.5103	.16686	.90493	.22031	.28075

#1	133.76	.41676	.17959	.27240	2.8988	.18845	1.9162	.46743	.07138
#2	135.20	.41446	.18088	.27370	2.8375	.18801	1.9409	.46597	.07110

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	257.15	.29601	.19139	13.896	.40929	.28922	1.9847	1.3871	.66504
Stddev	2.59	.00242	.00104	.018	.00104	.01271	.0143	.0004	.00067
%RSD	1.0056	.81762	.54225	.12683	.25390	4.3944	.71791	.02498	.10058

#1	255.32	.29772	.19213	13.884	.40856	.29821	1.9948	1.3868	.66551
#2	258.98	.29430	.19066	13.909	.41003	.28023	1.9746	1.3873	.66457

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19817	1.7799	5.962	1.0828	3.6543	1.3752
Stddev	.00095	.0043	.017	.0061	.0378	.0734
%RSD	.48175	.23983	.2834	.55983	1.0353	5.3390

#1	.19749	1.7769	5.974	1.0786	3.6811	1.3233
#2	.19884	1.7829	5.950	1.0871	3.6276	1.4271

Sample Name: J5061-14MSD Acquired: 9/24/2018 20:42:26 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 230-KV-CMSD 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	2036.4	46932.	4003.2	99.911	3141.4
Stddev	7.7	72.	14.0	.967	15.7
%RSD	.37909	.15236	.34936	.96822	.50083
#1	2030.9	46882.	4013.1	99.227	3130.3
#2	2041.9	46983.	3993.3	100.59	3152.5

Sample Name: J5061-14A Acquired: 9/24/2018 20:46:24 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7475 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	.81481	1.8900	.95283	2.0763	.78767	2.1380	.25597	.19599	.19503
Stddev	.00265	.0022	.00254	.0111	.00218	.0594	.00151	.00008	.00030
%RSD	.32538	.11654	.26620	.53662	.27654	2.7775	.58970	.04135	.15185

#1	.81293	1.8916	.95104	2.0685	.78613	2.0960	.25490	.19594	.19524
#2	.81668	1.8885	.95463	2.0842	.78921	2.1800	.25704	.19605	.19483

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	134.70	.41600	.18084	.27152	2.9218	.18899	1.9174	.46599	.07229
Stddev	.13	.00224	.00053	.00029	.0783	.00027	.0110	.00119	.00107
%RSD	.09739	.53749	.29216	.10625	2.6782	.14472	.57353	.25618	1.4737

#1	134.61	.41442	.18046	.27132	2.8665	.18918	1.9096	.46683	.07154
#2	134.79	.41759	.18121	.27172	2.9772	.18879	1.9252	.46514	.07304

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	256.65	.29900	.19321	13.831	.40963	.28445	1.9902	1.3922	.66592
Stddev	3.51	.00074	.00440	.046	.00011	.01163	.0050	.0175	.00026
%RSD	1.3672	.24633	2.2755	.32929	.02612	4.0878	.25245	1.2583	.03872

#1	259.13	.29952	.19010	13.799	.40971	.29267	1.9938	1.4045	.66611
#2	254.17	.29848	.19632	13.863	.40956	.27622	1.9867	1.3798	.66574

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19761	1.7876	5.981	1.0850	4.2291	1.6256
Stddev	.00038	.0116	.028	.0050	.2998	.3461
%RSD	.19249	.65060	.4740	.46112	7.0882	21.290

#1	.19788	1.7959	6.001	1.0814	4.4411	1.3809
#2	.19734	1.7794	5.961	1.0885	4.0171	1.8703

Sample Name: J5061-14A Acquired: 9/24/2018 20:46:24 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7475 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	2034.0	46789.	4003.1	98.805	3131.8
Stddev	1.4	46.	17.4	2.131	5.9
%RSD	.06701	.09767	.43345	2.1572	.18746
#1	2035.0	46821.	3990.8	100.31	3127.7
#2	2033.1	46756.	4015.3	97.298	3136.0

Sample Name: J4958-01DLX5 Acquired: 9/24/2018 20:50:22 Type: Unk
Method: P4-ICP2(v2452) 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	.00098	.00328	-.00321	.00133	-.00246	.01702	.02736
Stddev	.00050	.00024	.00052	.00450	.00155	.00106	.00029
%RSD	50.456	7.3118	16.072	337.60	62.896	6.2377	1.0673

#1	.00133	.00311	-.00358	.00452	-.00355	.01627	.02715
#2	.00063	.00345	-.00285	-.00185	-.00137	.01777	.02757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00015	9.1410	.01889	.00036	.00273	.00548
Stddev	.00002	.00006	.0113	.00097	.00004	.00001	.00147
%RSD	15.227	38.178	.12336	5.1434	10.322	.54761	26.723

#1	-.00010	.00011	9.1330	.01958	.00033	.00274	.00652
#2	-.00012	.00020	9.1489	.01821	.00039	.00272	.00445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	3.2130	.00102	-.00015	24.671	.00053	.00435
Stddev	.00004	.0504	.00012	.00044	.322	.00014	.00005
%RSD	1.9439	1.5692	11.727	286.08	1.3046	27.130	1.2306

#1	.00192	3.1774	.00110	-.00046	24.444	.00043	.00439
#2	.00187	3.2487	.00093	.00016	24.899	.00064	.00432

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66639	.00011	.00587	.73409	1.1788	.00049	-.00035
Stddev	.00321	.00002	.00211	.00644	.0204	.00010	.00198
%RSD	.48214	19.693	35.960	.87692	1.7351	20.910	562.10

#1	.66867	.00010	.00736	.73865	1.1643	.00042	.00105
#2	.66412	.00013	.00438	.72954	1.1932	.00057	-.00175

Sample Name: J4958-01DLX5 Acquired: 9/24/2018 20:50:22 Type: Unk
Method: P4-ICP2(v2452) 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	-.01643	-.0005	.07960	F<.00000	.97229
Stddev	.00053	.0004	.00007	.49385	.29024
%RSD	3.2476	72.56	.09298	28.561	29.851

#1	-.01681	-.0008	.07966	-1.3799	.76705
#2	-.01605	-.0003	.07955	-2.0783	1.1775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.8	49394.	4021.8	102.63	3548.3
Stddev	3.2	157.	43.4	1.42	8.6
%RSD	.14741	.31750	1.0788	1.3811	.24277

#1	2156.6	49283.	4052.5	101.63	3542.2
#2	2161.1	49505.	3991.1	103.64	3554.3

Sample Name: J4958-01DUPDLX5 Acquired: 9/24/2018 20:54:26 Type: Unk

Method: P4-ICP2(v2452) 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	.00141	.00115	-.00115	-.00081	-.00118	.01337	.02718
Stddev	.00387	.00032	.00075	.00147	.00281	.00566	.00072
%RSD	274.29	27.427	64.880	181.63	237.48	42.345	2.6528

#1	.00415	.00138	-.00062	-.00184	.00080	.01738	.02768
#2	-.00133	.00093	-.00168	.00023	-.00317	.00937	.02667

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00014	9.1775	.01826	.00042	.00248	.00282
Stddev	.00001	.00006	.0106	.00017	.00003	.00064	.00642
%RSD	7.3831	40.965	.11559	.94078	7.9967	25.664	227.78

#1	.00010	.00018	9.1850	.01814	.00044	.00203	.00736
#2	.00011	.00010	9.1700	.01839	.00040	.00294	-.00172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	3.2161	.00092	.00036	25.002	-.00028	.00450
Stddev	.00006	.0153	.00020	.00017	.060	.00056	.00023
%RSD	3.3989	.47520	21.482	48.032	.24076	200.61	5.1110

#1	.00179	3.2269	.00106	.00024	25.045	.00012	.00466
#2	.00187	3.2053	.00078	.00048	24.959	-.00067	.00434

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68089	.00001	-.00354	.74182	1.2022	-.00028	-.00034
Stddev	.01082	.00012	.01013	.00493	.0014	.00031	.00015
%RSD	1.5891	834.81	286.26	.66519	.11642	109.42	44.379

#1	.67324	-.00007	-.01070	.73833	1.2032	-.00006	-.00044
#2	.68854	.00010	.00362	.74531	1.2012	-.00050	-.00023

Sample Name: J4958-01DUPDLX5 Acquired: 9/24/2018 20:54:26 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.01698	-0.0015	.08077	F<.00000	1.5583
Stddev	.01175	.0032	.00009	.10218	.4378
%RSD	69.205	204.4	.11589	6.1574	28.096

#1	-0.00867	-0.0038	.08070	-1.7317	1.2487
#2	-0.02529	.0007	.08083	-1.5872	1.8678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.4	49174.	3967.2	100.35	3538.6
Stddev	6.6	130.	17.8	2.06	10.3
%RSD	.30684	.26510	.44995	2.0528	.29063

#1	2147.7	49267.	3954.5	98.895	3531.3
#2	2157.1	49082.	3979.8	101.81	3545.8

Sample Name: J4958-01LDLX25 Acquired: 9/24/2018 20:58:30 Type: Unk
Method: P4-ICP2(v2452) 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	.00095	.00306	-.00211	.00107	-.00110	.09404	.00621
Stddev	.00034	.00054	.00073	.00166	.00302	.00317	.00021
%RSD	35.804	17.649	34.634	155.00	273.20	3.3696	3.3731

#1	.00071	.00267	-.00263	-.00010	.00103	.09628	.00606
#2	.00119	.00344	-.00160	.00224	-.00324	.09180	.00636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00036	1.9258	.01439	.00038	.00077	.23263
Stddev	.00002	.00007	.0315	.00020	.00027	.00041	.00282
%RSD	22.880	20.458	1.6343	1.3952	70.931	52.857	1.2115

#1	.00008	.00031	1.9035	.01425	.00057	.00048	.23064
#2	.00011	.00041	1.9480	.01454	.00019	.00106	.23462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	.69583	.00685	.00069	4.8996	.00054	.00378
Stddev	.00008	.00524	.00006	.00042	.0333	.00048	.00009
%RSD	1.3831	.75307	.87864	60.730	.67857	88.378	2.3268

#1	.00582	.69213	.00689	.00098	4.8761	.00020	.00371
#2	.00593	.69954	.00680	.00039	4.9231	.00088	.00384

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10966	.00150	-.00210	.14783	.25359	-.00001	.00163
Stddev	.00756	.00035	.00444	.00106	.00556	.00007	.00082
%RSD	6.8988	23.695	211.62	.71423	2.1923	1345.4	50.438

#1	.11501	.00125	-.00524	.14857	.24966	.00005	.00105
#2	.10431	.00175	.00104	.14708	.25752	-.00006	.00220

Sample Name: J4958-01LDLX25 Acquired: 9/24/2018 20:58:30 Type: Unk
 Method: P4-ICP2(v2452) 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	-.01467	.0056	.01683	F<.00000	1.1048
Stddev	.00716	.0021	.00010	.21360	.2811
%RSD	48.810	37.22	.61070	7.3984	25.445
#1	-.01973	.0042	.01690	-2.7361	1.3036
#2	-.00960	.0071	.01676	-3.0382	.90600
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.3	49870.	3965.7	100.15	3642.3
Stddev	4.0	198.	27.7	.43	3.5
%RSD	.18396	.39604	.69798	.42842	.09733
#1	2172.5	49730.	3985.3	100.46	3644.8
#2	2178.1	50009.	3946.2	99.851	3639.8

Sample Name: J4958-01MSDLX5 Acquired: 9/24/2018 21:02:36 Type: Unk
Method: P4-ICP2(v2452) 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	.13814	.34952	.16414	.35469	.13264	.30063	.06257
Stddev	.00223	.00159	.00012	.00130	.00165	.01000	.00013
%RSD	1.6175	.45514	.07457	.36775	1.2470	3.3272	.20630

#1	.13972	.34840	.16405	.35377	.13381	.30770	.06248
#2	.13656	.35065	.16422	.35562	.13147	.29356	.06266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03366	.03366	9.4813	.08724	.03135	.05349	.51655
Stddev	.00023	.00005	.0003	.00108	.00000	.00021	.00319
%RSD	.66961	.13451	.00280	1.2342	.01370	.39610	.61767

#1	.03382	.03369	9.4814	.08800	.03134	.05334	.51881
#2	.03350	.03363	9.4811	.08647	.03135	.05364	.51429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03622	3.5585	.08192	.01278	25.683	.05252	.03786
Stddev	.00033	.0059	.00036	.00033	.188	.00015	.00033
%RSD	.90874	.16652	.43724	2.5958	.73101	.28504	.88113

#1	.03645	3.5543	.08167	.01301	25.816	.05241	.03762
#2	.03598	3.5627	.08217	.01254	25.550	.05263	.03809

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3989	.06956	.05602	.74604	1.3645	.11342	.03396
Stddev	.0193	.00021	.00242	.00717	.0237	.00064	.00080
%RSD	.80497	.30758	4.3147	.96069	1.7345	.56512	2.3544

#1	2.3853	.06971	.05773	.74097	1.3812	.11388	.03339
#2	2.4126	.06941	.05431	.75111	1.3477	.11297	.03452

Sample Name: J4958-01MSDLX5 Acquired: 9/24/2018 21:02:36 Type: Unk
Method: P4-ICP2(v2452) 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	.27535	.9515	.11492	F<.00000	.66536
Stddev	.00125	.0005	.00031	.04524	.27040
%RSD	.45357	.0545	.27108	2.6179	40.639

#1	.27624	.9518	.11514	-1.6960	.47416
#2	.27447	.9511	.11470	-1.7599	.85656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.9	49386.	4011.5	101.87	3552.2
Stddev	2.7	6.	29.7	.91	7.2
%RSD	.12383	.01216	.73978	.89748	.20226

#1	2165.8	49382.	3990.5	102.52	3557.3
#2	2162.0	49391.	4032.4	101.22	3547.1

Sample Name: J4958-01MSDDLX5 Acquired: 9/24/2018 21:06:39 Type: Unk

Method: P4-ICP2(v2452) 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	.13775	.34638	.16431	.34974	.13298	.29532	.06341
Stddev	.00083	.00080	.00065	.00022	.00039	.01146	.00016
%RSD	.60009	.23161	.39525	.06183	.29586	3.8816	.25013

#1	.13716	.34694	.16477	.34989	.13325	.30343	.06352
#2	.13833	.34581	.16385	.34959	.13270	.28722	.06330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03361	.03358	9.5031	.08669	.03128	.05327	.49716
Stddev	.00005	.00012	.0635	.00092	.00010	.00024	.03361
%RSD	.13420	.35474	.66824	1.0639	.31550	.45245	6.7602

#1	.03358	.03366	9.4582	.08604	.03135	.05344	.47339
#2	.03364	.03349	9.5480	.08734	.03121	.05310	.52092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03637	3.6061	.08215	.01243	25.588	.05124	.03798
Stddev	.00017	.0473	.00001	.00024	.240	.00035	.00036
%RSD	.46894	1.3112	.01312	1.9028	.93618	.68618	.95368

#1	.03625	3.5727	.08216	.01260	25.757	.05099	.03824
#2	.03649	3.6396	.08215	.01226	25.418	.05149	.03772

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4148	.06951	.05838	.74354	1.3531	.11195	.03354
Stddev	.0340	.00014	.00601	.00516	.0262	.00012	.00084
%RSD	1.4086	.20345	10.292	.69427	1.9356	.10421	2.4971

#1	2.3907	.06941	.05414	.74719	1.3716	.11187	.03413
#2	2.4388	.06961	.06263	.73989	1.3346	.11203	.03294

Sample Name: J4958-01MSDDLX5 Acquired: 9/24/2018 21:06:39 Type: Unk
Method: P4-ICP2(v2452) 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	.26768	.9523	.11499	F<.00000	1.5022
Stddev	.00043	.0018	.00025	.14334	.3323
%RSD	.15981	.1872	.21679	7.9411	22.119

#1	.26737	.9510	.11481	-1.7037	1.7372
#2	.26798	.9535	.11516	-1.9064	1.2673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.2	49322.	4030.1	101.62	3547.7
Stddev	12.9	84.	63.0	.50	19.4
%RSD	.59342	.17127	1.5633	.49520	.54683

#1	2159.1	49382.	3985.5	101.27	3534.0
#2	2177.3	49262.	4074.6	101.98	3561.4

Sample Name: J4958-01ADLX5 Acquired: 9/24/2018 21:10:43 Type: Unk
Method: P4-ICP2(v2452) 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	.13920	.34014	.16011	.34457	.13024	.28509	.06146
Stddev	.00295	.00275	.00090	.00483	.00003	.00520	.00019
%RSD	2.1217	.80802	.56256	1.4013	.02057	1.8252	.31280

#1	.13712	.33820	.16074	.34115	.13022	.28877	.06132
#2	.14129	.34208	.15947	.34798	.13025	.28142	.06160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03267	.03274	9.2436	.08399	.03028	.05219	.50387
Stddev	.00014	.00015	.0191	.00015	.00021	.00049	.01838
%RSD	.43139	.47130	.20676	.18406	.70151	.93217	3.6486

#1	.03258	.03285	9.2571	.08388	.03013	.05185	.51687
#2	.03277	.03264	9.2300	.08410	.03043	.05253	.49087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03513	3.5265	.07998	.01233	25.079	.05026	.03878
Stddev	.00001	.0583	.00006	.00053	.058	.00011	.00048
%RSD	.03400	1.6523	.07201	4.3333	.22975	.20899	1.2316

#1	.03514	3.5677	.08002	.01270	25.038	.05034	.03912
#2	.03512	3.4853	.07994	.01195	25.120	.05019	.03845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3701	.06747	.04683	.72839	1.3186	.10846	.03161
Stddev	.0395	.00005	.00361	.00772	.0034	.00031	.00129
%RSD	1.6657	.07456	7.7094	1.0604	.26128	.28854	4.0687

#1	2.3980	.06744	.04938	.73386	1.3161	.10824	.03252
#2	2.3422	.06751	.04428	.72293	1.3210	.10868	.03070

Sample Name: J4958-01ADLX5 Acquired: 9/24/2018 21:10:43 Type: Unk
Method: P4-ICP2(v2452) 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	.27984	.9292	.11184	F<.00000	1.3761
Stddev	.00331	.0065	.00060	.23754	.0059
%RSD	1.1825	.6983	.53811	11.753	.42872

#1	.27750	.9246	.11226	-1.8532	1.3719
#2	.28218	.9338	.11141	-2.1891	1.3803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.9	49543.	4024.7	101.89	3577.0
Stddev	15.8	11.	9.3	2.04	27.5
%RSD	.72411	.02153	.23088	1.9991	.76849

#1	2175.7	49536.	4031.3	100.45	3557.5
#2	2198.1	49551.	4018.2	103.33	3596.4

Sample Name: J4958-24DLX5 Acquired: 9/24/2018 21:14:47 Type: Unk
Method: P4-ICP2(v2452) 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	-.00325	.00298	-.00374	.00032	-.00168	.01199	.02488
Stddev	.00124	.00039	.00009	.00197	.00046	.00100	.00129
%RSD	38.015	13.256	2.4692	613.92	27.422	8.3548	5.1772

#1	-.00238	.00270	-.00381	-.00107	-.00135	.01270	.02579
#2	-.00413	.00326	-.00368	.00171	-.00200	.01128	.02397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00021	8.2370	.01625	.00036	.00114	-.00323
Stddev	.00005	.00003	.0048	.00018	.00020	.00014	.01396
%RSD	290.53	12.561	.05782	1.1360	56.294	12.190	431.66

#1	.00002	.00022	8.2404	.01612	.00051	.00124	.00664
#2	-.00005	.00019	8.2336	.01638	.00022	.00104	-.01310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	2.8415	.00122	-.00013	22.005	.00047	.00604
Stddev	.00001	.0401	.00067	.00013	.100	.00012	.00015
%RSD	.51051	1.4128	55.235	97.895	.45372	24.718	2.4280

#1	.00185	2.8131	.00169	-.00023	21.934	.00039	.00593
#2	.00187	2.8699	.00074	-.00004	22.076	.00055	.00614

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56584	-.00016	.00806	.63840	1.0407	-.00011	-.00063
Stddev	.01188	.00017	.00212	.00360	.0107	.00010	.00122
%RSD	2.0997	107.15	26.326	.56333	1.0250	92.568	193.42

#1	.55744	-.00004	.00656	.64094	1.0482	-.00018	.00023
#2	.57425	-.00028	.00956	.63586	1.0331	-.00004	-.00149

Sample Name: J4958-24DLX5 Acquired: 9/24/2018 21:14:47 Type: Unk
 Method: P4-ICP2(v2452) 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	-.02579	-.0014	.07225	F<.00000	1.2115
Stddev	.00307	.0003	.00069	.74917	.0601
%RSD	11.902	19.92	.95411	27.198	4.9598

#1	-.02362	-.0016	.07274	-3.2843	1.2540
#2	-.02796	-.0012	.07176	-2.2248	1.1690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.9	49825.	4034.3	102.49	3585.9
Stddev	3.1	123.	18.4	1.89	4.9
%RSD	.14426	.24637	.45677	1.8391	.13786

#1	2176.1	49912.	4047.3	103.83	3589.4
#2	2171.7	49738.	4021.2	101.16	3582.4

Sample Name: J4958-25DLX5 Acquired: 9/24/2018 21:18:51 Type: Unk
Method: P4-ICP2(v2452) 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	.00212	.00091	-.00228	.00229	-.00141	.00791	.05648
Stddev	.00045	.00269	.00027	.00106	.00124	.00569	.00055
%RSD	21.394	296.48	11.629	46.476	87.994	71.955	.97696

#1	.00244	.00281	-.00209	.00304	-.00229	.01193	.05687
#2	.00180	-.00099	-.00247	.00153	-.00053	.00389	.05609

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00022	21.066	-.00012	-.00001	.00045	-.00222
Stddev	.00005	.00008	.006	.00005	.00006	.00002	.00933
%RSD	202.76	34.787	.02995	42.473	593.59	3.9671	420.64

#1	-.00001	.00016	21.061	-.00015	-.00006	.00044	-.00882
#2	.00006	.00027	21.070	-.00008	.00003	.00047	.00438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	4.2978	.00035	.00011	36.639	.00025	.00421
Stddev	.00002	.0391	.00025	.00049	.012	.00036	.00000
%RSD	9.2880	.90999	70.476	459.93	.03398	147.96	.09521

#1	.00023	4.2702	.00018	-.00024	36.648	.00050	.00421
#2	.00020	4.3255	.00052	.00045	36.630	-.00001	.00422

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3610	-.00018	.00029	1.9812	.72490	-.00045	-.00239
Stddev	.0001	.00029	.00491	.0129	.00156	.00042	.00122
%RSD	.00240	167.07	1706.5	.65279	.21460	94.627	50.983

#1	3.3611	.00003	.00376	1.9904	.72380	-.00074	-.00326
#2	3.3610	-.00038	-.00319	1.9721	.72600	-.00015	-.00153

Sample Name: J4958-25DLX5 Acquired: 9/24/2018 21:18:51 Type: Unk
 Method: P4-ICP2(v2452) 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	-.02485	-.0002	.16302	F<.00000	1.7832
Stddev	.00344	.0000	.00073	.97723	.1709
%RSD	13.829	.8143	.44575	50.809	9.5845
#1	-.02242	-.0002	.16354	-2.6144	1.6624
#2	-.02729	-.0002	.16251	-1.2323	1.9041
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.9	49324.	3995.8	101.58	3487.1
Stddev	6.8	275.	.5	1.91	12.4
%RSD	.31724	.55807	.01194	1.8836	.35625
#1	2145.1	49518.	3996.2	100.23	3478.3
#2	2154.7	49129.	3995.5	102.93	3495.9

Sample Name: CCV12 Acquired: 9/24/2018 21:22:55 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13865 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8717	4.8548	4.7811	4.9649	4.9337	10.059	10.139
Stddev	.0139	.0028	.0015	.0014	.0041	.031	.104
%RSD	.28565	.05717	.03146	.02789	.08277	.30830	1.0227
#1	4.8816	4.8568	4.7800	4.9659	4.9366	10.038	10.065
#2	4.8619	4.8529	4.7822	4.9639	4.9308	10.081	10.212
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24344	2.3937	24.876	.95881	2.3016	1.2105	4.8353
Stddev	.00017	.0012	.394	.00222	.0014	.0034	.0940
%RSD	.07136	.04986	1.5827	.23179	.06146	.28488	1.9437
#1	.24356	2.3946	24.598	.95724	2.3026	1.2130	4.7688
#2	.24332	2.3929	25.155	.96038	2.3006	1.2081	4.9018
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3894	24.503	2.4041	1.2216	24.778	2.4443	2.3859
Stddev	.0022	.454	.0027	.0006	.325	.0004	.0543
%RSD	.09412	1.8532	.11385	.04796	1.3127	.01781	2.2770
#1	2.3879	24.182	2.4060	1.2212	24.548	2.4446	2.3475
#2	2.3910	24.824	2.4022	1.2220	25.008	2.4440	2.4243
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.127	4.9912	4.9629	4.8740	4.7897	4.8351	4.9844
Stddev	.320	.0015	.0631	.0008	.0514	.0142	.0920
%RSD	1.2748	.03098	1.2705	.01554	1.0721	.29403	1.8453
#1	24.901	4.9901	4.9183	4.8734	4.7534	4.8452	4.9194
#2	25.354	4.9923	5.0075	4.8745	4.8260	4.8250	5.0495

Sample Name: CCV12 Acquired: 9/24/2018 21:22:55 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13865 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4136	5.016	4.8873	F<.00000	F 4.3565
Stddev	.0567	.008	.0679	.39017	.4086
%RSD	1.2842	.1587	1.3901	52.661	9.3800

#1	4.3735	5.022	4.8393	-1.0168	4.0675
#2	4.4537	5.011	4.9354	-.46502	4.6454

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.3	48742.	4038.7	100.76	3316.2
Stddev	3.9	48.	39.9	2.09	8.6
%RSD	.18395	.09759	.98685	2.0740	.25802

#1	2140.5	48708.	4066.9	102.24	3310.1
#2	2146.1	48775.	4010.5	99.280	3322.2

Sample Name: CCB12 Acquired: 9/24/2018 21:26:47 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13865 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00127	-.00252	-.00194	-.00264	.00652	-.00110
Stddev	.00077	.00030	.00078	.00289	.00060	.00246	.00004
%RSD	359.39	23.829	30.915	148.74	22.711	37.757	3.7332

#1	-.00076	.00105	-.00197	.00010	-.00307	.00826	-.00107
#2	.00033	.00148	-.00307	-.00398	-.00222	.00478	-.00113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00028	-.00146	-.00001	.00012	-.00053	-.00087
Stddev	.00004	.00000	.00233	.00038	.00014	.00028	.00364
%RSD	313.19	1.4330	159.50	6520.8	116.51	52.788	417.20

#1	.00004	.00027	.00019	.00026	.00002	-.00073	.00170
#2	-.00002	.00028	-.00311	-.00027	.00022	-.00033	-.00345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00164	.00080	.00055	-.41948	.00018	-.00087
Stddev	.00002	.03065	.00003	.00036	.00009	.00016	.00012
%RSD	20.356	1868.8	3.3847	65.878	.02256	86.469	13.975

#1	-.00012	.02331	.00082	.00080	-.41954	.00029	-.00096
#2	-.00009	-.02003	.00078	.00029	-.41941	.00007	-.00079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08585	.00108	-.01021	-.00385	-.00308	-.00126	-.00148
Stddev	.01330	.00018	.00141	.00040	.00200	.00062	.00208
%RSD	15.498	16.887	13.764	10.272	64.868	49.025	140.57

#1	-.09526	.00121	-.00922	-.00357	-.00167	-.00082	-.00001
#2	-.07644	.00095	-.01120	-.00413	-.00450	-.00169	-.00296

Sample Name: CCB12 Acquired: 9/24/2018 21:26:47 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13865 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03667	-.0004	.00001	F<.00000	F 1.6263
Stddev	.01079	.0015	.00000	.27048	.1409
%RSD	29.420	412.9	13.087	9.3183	8.6632

#1	-.02904	-.0014	.00001	-3.0940	1.7259
#2	-.04430	.0007	.00001	-2.7115	1.5267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.2	50868.	4052.5	102.61	3757.5
Stddev	3.8	116.	17.6	1.60	.7
%RSD	.17227	.22769	.43471	1.5563	.01846

#1	2223.5	50786.	4065.0	103.74	3758.0
#2	2228.9	50950.	4040.0	101.48	3757.0

Sample Name: J4958-30DLX5 Acquired: 9/24/2018 21:30:53 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.00104	-.00149	.00131	-.00197	.07379	.04300
Stddev	.00442	.00013	.00038	.00186	.00062	.00534	.00013
%RSD	577.39	12.496	25.377	142.31	31.610	7.2433	.30442

#1	.00236	.00095	-.00122	.00262	-.00241	.07757	.04310
#2	-.00390	.00114	-.00176	-.00001	-.00153	.07001	.04291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00027	17.738	-.00081	.00482	.00425	.36783
Stddev	.00004	.00005	.007	.00002	.00001	.00055	.00939
%RSD	63.489	19.860	.04037	2.1937	.20301	12.963	2.5533

#1	.00004	.00023	17.743	-.00080	.00482	.00386	.36119
#2	.00010	.00031	17.733	-.00083	.00481	.00464	.37447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19851	2.7195	.00102	-.00001	28.542	-.00018	.00783
Stddev	.00097	.0022	.00041	.00027	.102	.00006	.00000
%RSD	.48858	.08267	40.126	1863.7	.35768	30.511	.06094

#1	.19782	2.7211	.00073	-.00020	28.614	-.00014	.00783
#2	.19919	2.7179	.00132	.00017	28.470	-.00022	.00783

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2515	.00011	.01464	2.2729	1.0517	-.00018	-.00261
Stddev	.0067	.00016	.00824	.0056	.0003	.00084	.00024
%RSD	.53741	135.80	56.320	.24454	.02408	462.13	9.2143

#1	1.2562	.00000	.00881	2.2769	1.0519	.00041	-.00244
#2	1.2467	.00023	.02047	2.2690	1.0515	-.00078	-.00278

Sample Name: J4958-30DLX5 Acquired: 9/24/2018 21:30:53 Type: Unk
Method: P4-ICP2(v2452) 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	-.01633	-.0014	.14397	F<.00000	1.6222
Stddev	.00016	.0011	.00004	.14724	.4289
%RSD	1.0026	76.71	.02922	7.7090	26.442

#1	-.01645	-.0006	.14400	-1.8059	1.3189
#2	-.01622	-.0021	.14394	-2.0141	1.9255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.5	50009.	4053.3	101.76	3560.6
Stddev	3.3	42.	28.1	.06	3.0
%RSD	.14807	.08332	.69204	.05513	.08451

#1	2194.2	50039.	4033.5	101.80	3558.4
#2	2198.8	49980.	4073.2	101.72	3562.7

Sample Name: J4958-31DLX2 Acquired: 9/24/2018 21:34:57 Type: Unk
Method: P4-ICP2(v2452) 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	-.00049	.00116	-.00290	.00350	-.00236	.02747	.01008
Stddev	.00093	.00216	.00046	.00368	.00155	.00217	.00015
%RSD	190.60	185.77	15.982	104.96	65.602	7.8955	1.5140

#1	.00017	.00269	-.00323	.00090	-.00345	.02594	.00997
#2	-.00114	-.00037	-.00257	.00610	-.00126	.02900	.01019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00015	4.7056	.00622	.00011	.00075	.06096
Stddev	.00000	.00004	.0183	.00006	.00002	.00011	.00020
%RSD	9.8809	25.620	.38985	.97867	21.170	14.445	.32211

#1	-.00003	.00012	4.6927	.00618	.00013	.00067	.06109
#2	-.00002	.00017	4.7186	.00627	.00010	.00083	.06082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	1.4782	.00506	.00009	30.211	-.00009	.01339
Stddev	.00003	.0039	.00029	.00059	.040	.00024	.00042
%RSD	1.9753	.26096	5.7295	657.12	.13229	264.94	3.1231

#1	.00164	1.4754	.00526	.00051	30.239	-.00026	.01309
#2	.00169	1.4809	.00485	-.00033	30.183	.00008	.01368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77836	.00018	.01458	2.4011	1.0735	-.00118	-.00161
Stddev	.00562	.00018	.00259	.0054	.0101	.00079	.00071
%RSD	.72177	97.132	17.760	.22623	.94111	67.096	43.992

#1	.77439	.00006	.01641	2.3973	1.0806	-.00173	-.00111
#2	.78233	.00031	.01275	2.4050	1.0663	-.00062	-.00211

Sample Name: J4958-31DLX2 Acquired: 9/24/2018 21:34:57 Type: Unk
Method: P4-ICP2(v2452) 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	-.03470	.0007	.02730	F<.00000	1.5690
Stddev	.01245	.0017	.00001	.15331	.2346
%RSD	35.876	247.0	.05016	6.1857	14.955

#1	-.04350	.0018	.02731	-2.5868	1.4030
#2	-.02590	-.0005	.02729	-2.3700	1.7349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.2	49977.	4064.4	101.61	3598.2
Stddev	12.3	66.	10.0	2.23	9.8
%RSD	.56154	.13139	.24685	2.1967	.27228

#1	2174.5	50024.	4057.3	103.18	3591.3
#2	2191.9	49931.	4071.5	100.03	3605.1

Sample Name: J4958-32DLX5 Acquired: 9/24/2018 21:39:02 Type: Unk
Method: P4-ICP2(v2452) 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	.00118	.00009	-.00763	.00009	-.00267	.22016	.01890
Stddev	.00455	.00069	.00009	.00290	.00113	.01551	.00041
%RSD	386.25	788.51	1.2382	3239.8	42.162	7.0460	2.1784

#1	-.00204	.00057	-.00756	-.00196	-.00347	.23113	.01860
#2	.00439	-.00040	-.00769	.00214	-.00187	.20919	.01919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00125	23.195	.00143	.00607	.00266	12.682
Stddev	.00007	.00014	.063	.00041	.00035	.00009	.043
%RSD	809.72	11.563	.26993	28.891	5.8438	3.2314	.33615

#1	.00006	.00135	23.240	.00172	.00632	.00259	12.712
#2	-.00004	.00114	23.151	.00113	.00582	.00272	12.651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17555	2.9397	.00357	.00086	21.262	.00059	.02140
Stddev	.00012	.0718	.00048	.00037	.232	.00011	.00034
%RSD	.06738	2.4410	13.561	42.924	1.0898	19.223	1.5921

#1	.17564	2.8890	.00391	.00113	21.426	.00051	.02165
#2	.17547	2.9905	.00323	.00060	21.098	.00067	.02116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6065	-.00037	.00443	13.093	1.8412	-.00486	-.00070
Stddev	.0318	.00006	.00999	.027	.0147	.00055	.00046
%RSD	1.9789	17.425	225.57	.20537	.79778	11.319	66.001

#1	1.5841	-.00041	-.00263	13.112	1.8516	-.00447	-.00103
#2	1.6290	-.00032	.01149	13.074	1.8308	-.00525	-.00038

Sample Name: J4958-32DLX5 Acquired: 9/24/2018 21:39:02 Type: Unk
Method: P4-ICP2(v2452) 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	-.01750	.0026	.14085	F<.00000	6.1427
Stddev	.00348	.0015	.00029	.02012	.0418
%RSD	19.877	57.93	.20236	.77142	.68047

#1	-.01996	.0015	.14065	-2.5938	6.1722
#2	-.01504	.0036	.14105	-2.6222	6.1131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.7	49785.	4078.6	101.53	3534.8
Stddev	17.1	143.	48.8	1.37	25.6
%RSD	.78676	.28710	1.1968	1.3515	.72285

#1	2160.6	49684.	4044.0	100.56	3516.7
#2	2184.8	49886.	4113.1	102.50	3552.9

Sample Name: J4958-33DLX2 Acquired: 9/24/2018 21:43:04 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00010	-.00069	-.00325	.00255	-.00220	.01224	.04543	-.00003
Stddev	.00007	.00080	.00011	.00123	.00161	.00686	.00033	.00006
%RSD	70.313	116.68	3.2478	47.962	72.889	56.042	.73334	223.35

#1	.00005	-.00012	-.00333	.00342	-.00334	.00739	.04520	-.00007
#2	.00016	-.00125	-.00318	.00169	-.00107	.01709	.04567	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00193	28.165	.01532	.00063	.00212	.10053	.00831	6.8381
Stddev	.00017	.003	.00018	.00000	.00043	.00378	.00001	.0196
%RSD	8.6919	.01043	1.1441	.08200	20.171	3.7601	.07965	.28586

#1	.00181	28.167	.01520	.00063	.00243	.09786	.00831	6.8243
#2	.00205	28.163	.01545	.00063	.00182	.10321	.00832	6.8519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01697	-.00013	14.828	.00044	.01002	5.0154	.00125	.04921
Stddev	.00004	.00017	.081	.00052	.00021	.0026	.00003	.00985
%RSD	.22598	127.13	.54618	118.18	2.0504	.05110	2.2438	20.008

#1	.01694	-.00001	14.771	.00007	.00987	5.0172	.00127	.05617
#2	.01699	-.00025	14.885	.00081	.01016	5.0136	.00123	.04225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0103	1.5881	-.00166	-.00229	-.02234	-.0005	1.0289	<.00000
Stddev	.0189	.0117	.00009	.00095	.01364	.0013	.0031	.35934
%RSD	.31471	.73468	5.6763	41.454	61.074	253.1	.30160	48.664

#1	5.9969	1.5798	-.00159	-.00162	-.03199	-.0015	1.0267	-.99251
#2	6.0237	1.5963	-.00172	-.00296	-.01269	.0004	1.0311	-.48432

Sample Name: J4958-33DLX2 Acquired: 9/24/2018 21:43:04 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8063
Stddev .5720
%RSD 31.667

#1 2.2108
#2 1.4019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.5	49328.	4012.1	101.67	3528.6
Stddev	14.4	37.	19.7	1.73	9.3
%RSD	.66916	.07582	.49057	1.7022	.26357

#1	2136.3	49301.	4026.0	102.89	3522.1
#2	2156.6	49354.	3998.1	100.44	3535.2

Sample Name: J4958-34DLX2 Acquired: 9/24/2018 21:47:07 Type: Unk
Method: P4-ICP2(v2452) 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	.00032	-.00007	-.00269	.00436	-.00402	.01343	.17264
Stddev	.00263	.00173	.00072	.00044	.00051	.00234	.00007
%RSD	824.84	2500.6	26.597	10.172	12.818	17.409	.04082

#1	.00218	.00116	-.00320	.00405	-.00438	.01178	.17269
#2	-.00154	-.00130	-.00219	.00467	-.00365	.01509	.17259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00025	24.468	.01100	-.00004	.00254	-.00021
Stddev	.00011	.00001	.071	.00009	.00013	.00037	.00089
%RSD	26987.	4.1427	.29138	.79403	304.93	14.578	422.85

#1	-.00008	.00024	24.518	.01094	.00005	.00228	.00042
#2	.00008	.00026	24.417	.01106	-.00013	.00280	-.00084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01316	5.4653	.00088	.00026	29.907	.00067	.01020
Stddev	.00001	.1271	.00065	.00008	.293	.00013	.00018
%RSD	.09574	2.3246	73.990	30.541	.97989	18.931	1.7867

#1	.01317	5.5551	.00042	.00032	30.115	.00076	.01033
#2	.01315	5.3755	.00134	.00021	29.700	.00058	.01007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4517	-.00019	.03907	11.241	4.1392	-.00402	-.00154
Stddev	.0024	.00018	.00065	.014	.0261	.00023	.00061
%RSD	.06842	94.070	1.6655	.12145	.63159	5.6473	39.313

#1	3.4500	-.00032	.03861	11.251	4.1577	-.00418	-.00112
#2	3.4533	-.00007	.03953	11.231	4.1207	-.00386	-.00197

Sample Name: J4958-34DLX2 Acquired: 9/24/2018 21:47:07 Type: Unk
Method: P4-ICP2(v2452) 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	-.02181	.0494	.22343	F<.00000	1.3353
Stddev	.00515	.0002	.00196	.23236	.2407
%RSD	23.602	.4061	.87804	20.099	18.025

#1	-.01817	.0495	.22482	-.99175	1.5055
#2	-.02544	.0493	.22205	-1.3204	1.1651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.5	49412.	3997.7	100.53	3533.7
Stddev	3.2	170.	57.0	1.22	4.0
%RSD	.14839	.34389	1.4253	1.2127	.11351

#1	2155.8	49292.	3957.4	99.670	3536.6
#2	2151.3	49533.	4038.0	101.39	3530.9

Sample Name: J4958-35DLX2 Acquired: 9/24/2018 21:51:11 Type: Unk
Method: P4-ICP2(v2452) 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	.00266	.00229	-.00323	.00148	-.00272	.01330	.05288
Stddev	.00081	.00046	.00026	.00228	.00104	.01072	.00017
%RSD	30.546	19.904	8.0097	154.17	38.196	80.626	.32847

#1	.00208	.00197	-.00341	-.00013	-.00345	.02088	.05300
#2	.00323	.00262	-.00304	.00309	-.00198	.00572	.05275

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00013	12.609	.00128	.00252	-.00028	.07807
Stddev	.00001	.00008	.019	.00040	.00006	.00012	.00076
%RSD	35.815	60.627	.14821	31.423	2.5713	44.567	.97473

#1	-.00002	.00008	12.596	.00100	.00257	-.00019	.07753
#2	-.00004	.00019	12.623	.00157	.00248	-.00037	.07861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04052	3.4681	.00126	-.00002	51.718	.00011	.01043
Stddev	.00001	.0258	.00007	.00017	.065	.00036	.00022
%RSD	.01430	.74299	5.5789	808.45	.12600	331.87	2.0736

#1	.04052	3.4499	.00131	.00010	51.764	.00036	.01058
#2	.04052	3.4864	.00121	-.00014	51.672	-.00015	.01027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6217	-.00023	.00714	4.7142	2.4678	-.00038	-.00050
Stddev	.0124	.00006	.00921	.0248	.0046	.00007	.00216
%RSD	.76727	24.059	128.95	.52584	.18823	17.394	434.92

#1	1.6305	-.00019	.01366	4.6967	2.4645	-.00034	-.00203
#2	1.6129	-.00027	.00063	4.7317	2.4711	-.00043	.00103

Sample Name: J4958-35DLX2 Acquired: 9/24/2018 21:51:11 Type: Unk
 Method: P4-ICP2(v2452) 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	-.03176	-.0004	.09997	F<.00000	1.6245
Stddev	.00759	.0023	.00023	.67552	.4621
%RSD	23.880	582.4	.22783	50.229	28.442
#1	-.02640	.0012	.09981	-.86722	1.9512
#2	-.03713	-.0020	.10013	-1.8226	1.2978
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.7	49295.	4005.7	99.998	3489.9
Stddev	5.7	95.	15.7	.627	5.7
%RSD	.26638	.19286	.39266	.62725	.16239
#1	2139.6	49228.	3994.6	99.554	3485.9
#2	2147.7	49362.	4016.9	100.44	3493.9

Sample Name: J4958-36DLX2 Acquired: 9/24/2018 21:55:14 Type: Unk
Method: P4-ICP2(v2452) 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	.00058	.00034	-.00295	-.00009	-.00128	.01076	.04261
Stddev	.00130	.00012	.00086	.00366	.00132	.00481	.00003
%RSD	225.02	35.067	29.147	3880.8	102.67	44.639	.06608

#1	-.00034	.00026	-.00356	-.00268	-.00221	.01416	.04259
#2	.00150	.00043	-.00234	.00249	-.00035	.00737	.04263

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00023	10.264	.00170	.00204	.00062	.10253
Stddev	.00006	.00004	.024	.00006	.00003	.00033	.00603
%RSD	59.806	16.332	.23003	3.6115	1.5021	52.777	5.8814

#1	-.00015	.00026	10.247	.00166	.00201	.00039	.10680
#2	-.00006	.00021	10.280	.00175	.00206	.00085	.09827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03341	2.7355	.00160	.00027	41.624	-.00015	.00943
Stddev	.00039	.0578	.00030	.00040	.044	.00041	.00001
%RSD	1.1714	2.1118	19.013	150.81	.10677	272.34	.12775

#1	.03314	2.6946	.00138	.00055	41.655	.00014	.00944
#2	.03369	2.7763	.00181	-.00002	41.592	-.00044	.00942

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2776	-.00009	.01510	3.7747	2.0089	-.00058	-.00095
Stddev	.0036	.00027	.00550	.0004	.0172	.00014	.00159
%RSD	.28288	288.15	36.435	.01035	.85789	24.017	166.87

#1	1.2750	-.00029	.01900	3.7745	1.9967	-.00048	.00017
#2	1.2802	.00010	.01121	3.7750	2.0211	-.00068	-.00208

Sample Name: J4958-36DLX2 Acquired: 9/24/2018 21:55:14 Type: Unk
 Method: P4-ICP2(v2452) 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	-.01859	.0005	.08072	F<.00000	1.3201
Stddev	.00096	.0004	.00000	.03496	.2239
%RSD	5.1729	86.23	.00104	2.0826	16.962
#1	-.01791	.0002	.08072	-1.6539	1.1618
#2	-.01927	.0008	.08072	-1.7034	1.4785
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.8	49487.	3987.4	101.07	3535.0
Stddev	1.4	57.	8.9	.61	.0
%RSD	.06438	.11487	.22239	.60280	.00133
#1	2164.9	49447.	3993.7	100.64	3535.0
#2	2166.8	49527.	3981.1	101.50	3535.0

Sample Name: J4958-37DLX2 Acquired: 9/24/2018 21:59:18 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	.00003	-.00211	.00415	-.00239	.01251	.04994	-.00003
Stddev	.00041	.00234	.00048	.00300	.00011	.00302	.00079	.00004
%RSD	20.336	8643.1	22.608	72.184	4.7001	24.108	1.5914	129.49

#1	-.00172	.00168	-.00245	.00627	-.00231	.01464	.04938	-.00000
#2	-.00229	-.00163	-.00177	.00203	-.00247	.01038	.05050	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	12.269	.00146	.00244	.00348	.05208	.03953	3.3289
Stddev	.00009	.019	.00041	.00006	.00031	.00148	.00009	.0319
%RSD	51.870	.15673	28.126	2.5227	8.7749	2.8421	.23127	.95956

#1	.00024	12.283	.00117	.00249	.00370	.05312	.03946	3.3063
#2	.00011	12.256	.00174	.00240	.00326	.05103	.03959	3.3515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	.00011	49.673	.00039	.01080	1.5495	-.00008	.01733
Stddev	.00012	.00004	.556	.00021	.00000	.0060	.00000	.00335
%RSD	12.995	35.845	1.1201	52.534	.03711	.38562	4.5463	19.352

#1	.00098	.00008	49.279	.00025	.01081	1.5537	-.00009	.01496
#2	.00082	.00014	50.066	.00054	.01080	1.5453	-.00008	.01970

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5259	2.3427	-.00146	-.00085	-.01887	.0008	.09680	<.00000
Stddev	.0080	.0346	.00053	.00032	.00374	.0002	.00015	.79727
%RSD	.17634	1.4769	36.306	37.853	19.834	20.38	.15294	107.48

#1	4.5316	2.3182	-.00184	-.00062	-.01622	.0009	.09670	-.17802
#2	4.5203	2.3671	-.00109	-.00108	-.02152	.0007	.09691	-1.3055

Sample Name: J4958-37DLX2 Acquired: 9/24/2018 21:59:18 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9200
 Stddev .5775
 %RSD 30.077

#1 1.5117
 #2 2.3283

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.0	48943.	4039.1	102.96	3506.5
Stddev	5.0	215.	19.9	.40	9.4
%RSD	.23202	.43950	.49326	.38756	.26759

#1	2150.5	48791.	4053.2	102.68	3499.9
#2	2157.6	49095.	4025.0	103.24	3513.2

Sample Name: J4958-38DLX2 Acquired: 9/24/2018 22:03:21 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00102	-.00192	.00372	-.00287	.02278	.06838
Stddev	.00166	.00001	.00034	.00640	.00127	.00913	.00026
%RSD	814.27	.81087	17.898	171.98	44.385	40.087	.38172

#1	-.00097	.00102	-.00168	-.00080	-.00197	.02923	.06819
#2	.00138	.00103	-.00216	.00825	-.00377	.01632	.06856

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00046	19.997	.00056	.00252	.00431	.00048
Stddev	.00000	.00007	.125	.00019	.00004	.00021	.00483
%RSD	4.0236	15.692	.62368	33.228	1.7415	4.8249	996.34

#1	.00012	.00041	19.909	.00069	.00255	.00416	-.00293
#2	.00012	.00051	20.085	.00043	.00249	.00446	.00390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04393	7.6951	.00504	.00029	47.535	.00063	.03377
Stddev	.00020	.0385	.00043	.00025	.079	.00027	.00029
%RSD	.46020	.49988	8.5140	85.513	.16695	43.443	.85405

#1	.04407	7.6679	.00535	.00047	47.479	.00082	.03397
#2	.04378	7.7223	.00474	.00012	47.592	.00043	.03356

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7469	-.00014	.01760	1.5778	3.2288	.00048	-.00227
Stddev	.0131	.00001	.00586	.0026	.0079	.00031	.00233
%RSD	.75040	5.7268	33.294	.16290	.24461	64.065	102.72

#1	1.7376	-.00013	.02175	1.5796	3.2344	.00026	-.00062
#2	1.7561	-.00014	.01346	1.5760	3.2232	.00070	-.00392

Sample Name: J4958-38DLX2 Acquired: 9/24/2018 22:03:21 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.02034	-0.0022	.21127	F<.00000	1.7300
Stddev	.00144	.0037	.00001	.08995	.2761
%RSD	7.0744	166.8	.00495	4.7853	15.959

#1	-0.01933	.0004	.21126	-1.9434	1.9252
#2	-0.02136	-0.0048	.21127	-1.8162	1.5348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.8	49283.	3995.4	101.26	3498.8
Stddev	20.1	139.	4.3	1.54	25.1
%RSD	.93212	.28264	.10731	1.5236	.71618

#1	2144.5	49185.	3998.5	100.17	3481.0
#2	2173.0	49382.	3992.4	102.36	3516.5

Sample Name: J4958-39DLX5 Acquired: 9/24/2018 22:07:25 Type: Unk
Method: P4-ICP2(v2452) 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	.00282	.00032	-.00337	-.00117	-.00205	.01764	.01609
Stddev	.00192	.00150	.00039	.00112	.00101	.01190	.00050
%RSD	68.136	474.51	11.542	95.975	49.318	67.487	3.0800

#1	.00418	.00138	-.00364	-.00196	-.00134	.00922	.01574
#2	.00146	-.00075	-.00309	-.00038	-.00277	.02605	.01644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00021	3.7205	.01398	.00017	.00024	.02483
Stddev	.00004	.00000	.0058	.00049	.00001	.00026	.01279
%RSD	1067.2	1.2267	.15518	3.5352	4.0865	109.97	51.514

#1	.00002	.00021	3.7164	.01363	.00017	.00043	.01579
#2	-.00003	.00022	3.7246	.01433	.00018	.00005	.03387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	1.3061	.00339	.00021	21.146	.00012	.00610
Stddev	.00002	.0396	.00048	.00009	.005	.00006	.00012
%RSD	.95769	3.0344	14.120	41.136	.02290	48.861	1.9280

#1	.00173	1.2781	.00305	.00028	21.150	.00016	.00618
#2	.00175	1.3342	.00373	.00015	21.143	.00008	.00602

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34724	.00028	-.00592	1.6760	.95347	-.00044	.00047
Stddev	.00866	.00032	.00275	.0039	.00618	.00015	.00090
%RSD	2.4945	114.71	46.354	.23166	.64828	33.493	192.73

#1	.35337	.00005	-.00398	1.6732	.95784	-.00034	-.00017
#2	.34112	.00050	-.00786	1.6787	.94910	-.00055	.00110

Sample Name: J4958-39DLX5 Acquired: 9/24/2018 22:07:25 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.01694	-0.0005	.02640	F<.00000	1.2779
Stddev	.00201	.0000	.00002	.30255	.2421
%RSD	11.835	8.228	.09294	14.871	18.948

#1	-0.01836	-0.0005	.02638	-2.2484	1.1067
#2	-0.01553	-0.0005	.02642	-1.8205	1.4491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.1	50120.	4049.3	102.33	3633.0
Stddev	7.4	55.	2.7	1.25	8.3
%RSD	.33849	.10977	.06650	1.2244	.22909

#1	2205.4	50081.	4047.4	101.45	3638.9
#2	2194.9	50159.	4051.2	103.22	3627.2

Sample Name: CCV13 Acquired: 9/24/2018 22:11:30 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8293	4.8221	4.7502	4.9242	4.8880	10.024	10.194
Stddev	.0028	.0011	.0020	.0114	.0045	.003	.021
%RSD	.05887	.02320	.04155	.23179	.09282	.03264	.20250

#1	4.8273	4.8213	4.7488	4.9323	4.8912	10.026	10.208
#2	4.8313	4.8228	4.7516	4.9162	4.8848	10.022	10.179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24100	2.3730	25.060	.95165	2.2802	1.2036	4.9765
Stddev	.00027	.0011	.024	.00324	.0005	.0058	.0142
%RSD	.11264	.04497	.09501	.34068	.02094	.48072	.28520

#1	.24120	2.3723	25.077	.94935	2.2799	1.2076	4.9865
#2	.24081	2.3738	25.043	.95394	2.2805	1.1995	4.9664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3639	24.558	2.3882	1.2157	24.990	2.4235	2.4613
Stddev	.0009	.009	.0041	.0020	.053	.0036	.0245
%RSD	.03936	.03624	.17187	.16081	.21082	.14898	.99347

#1	2.3646	24.552	2.3853	1.2144	25.027	2.4210	2.4786
#2	2.3632	24.564	2.3911	1.2171	24.953	2.4261	2.4440

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.396	4.9813	4.9937	4.8420	4.8020	4.8096	4.9997
Stddev	.003	.0008	.0070	.0040	.0111	.0060	.0264
%RSD	.01291	.01517	.14112	.08238	.23134	.12405	.52875

#1	25.394	4.9819	4.9887	4.8448	4.7942	4.8054	5.0184
#2	25.398	4.9808	4.9987	4.8392	4.8099	4.8138	4.9810

Sample Name: CCV13 Acquired: 9/24/2018 22:11:30 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4254	4.971	4.9561	F<.00000	F 4.2528
Stddev	.0175	.012	.0535	.34074	.2494
%RSD	.39430	.2377	1.0789	146.70	5.8636
#1	4.4131	4.962	4.9939	-.47320	4.4291
#2	4.4378	4.979	4.9183	.00867	4.0765
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.3	48977.	4006.8	97.535	3328.8
Stddev	5.9	65.	8.8	1.115	3.1
%RSD	.27482	.13213	.21905	1.1429	.09171
#1	2144.1	48931.	4000.6	96.747	3326.6
#2	2152.4	49022.	4013.0	98.323	3331.0

Sample Name: J4980-04DLX5 Acquired: 9/24/2018 22:19:24 Type: Unk
Method: P4-ICP2(v2452) 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	-.00013	.00063	-.00203	.00213	-.00266	.01609	.01733
Stddev	.00144	.00103	.00029	.00144	.00091	.00153	.00021
%RSD	1147.2	163.98	14.464	67.770	34.037	9.5108	1.1929

#1	-.00114	.00136	-.00182	.00315	-.00202	.01717	.01718
#2	.00089	-.00010	-.00224	.00111	-.00330	.01501	.01747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00042	8.4913	.00350	.00009	.00021	.02805
Stddev	.00002	.00001	.0247	.00042	.00011	.00001	.00210
%RSD	60.262	3.2651	.29060	12.054	117.58	4.4845	7.4902

#1	-.00002	.00041	8.4738	.00321	.00002	.00022	.02954
#2	-.00005	.00043	8.5087	.00380	.00017	.00021	.02656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	1.2846	.00184	.00059	23.055	.00022	.00579
Stddev	.00002	.0159	.00018	.00026	.176	.00044	.00017
%RSD	3.6585	1.2357	9.9275	44.109	.76551	194.26	2.8513

#1	.00052	1.2958	.00197	.00041	23.179	.00053	.00591
#2	.00054	1.2733	.00171	.00077	22.930	-.00008	.00567

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6374	.00027	.02155	2.2796	1.1944	-.00046	.00131
Stddev	.0226	.00016	.01411	.0088	.0009	.00020	.00093
%RSD	1.3810	59.896	65.501	.38381	.07908	43.066	70.776

#1	1.6214	.00015	.01157	2.2858	1.1938	-.00059	.00066
#2	1.6534	.00038	.03153	2.2734	1.1951	-.00032	.00197

Sample Name: J4980-04DLX5 Acquired: 9/24/2018 22:19:24 Type: Unk
Method: P4-ICP2(v2452) 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	-.03032	-.0006	.04648	F<.00000	1.7099
Stddev	.00666	.0014	.00003	.15639	.9841
%RSD	21.972	250.6	.05688	12.153	57.553

#1	-.02561	.0004	.04650	-1.3975	1.0140
#2	-.03503	-.0015	.04646	-1.1763	2.4058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.7	49228.	4013.3	100.37	3561.9
Stddev	3.4	131.	12.4	1.84	6.4
%RSD	.15692	.26604	.31018	1.8305	.17963

#1	2166.3	49135.	4004.5	99.067	3557.4
#2	2171.1	49320.	4022.1	101.67	3566.4

Sample Name: J4980-05DLX2 Acquired: 9/24/2018 22:23:29 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00124	-.00295	.00384	-.00169	.01711	.01783	.00002
Stddev	.00057	.00005	.00016	.00547	.00063	.00035	.00043	.00004
%RSD	52.415	4.0096	5.5456	142.56	37.145	2.0447	2.4124	157.11

#1	-.00069	.00120	-.00283	-.00003	-.00214	.01686	.01752	.00005
#2	-.00149	.00127	-.00306	.00770	-.00125	.01736	.01813	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	15.682	.00270	.00025	.00021	.01396	.00505	2.7195
Stddev	.00002	.020	.00024	.00016	.00032	.00163	.00003	.0234
%RSD	6.9177	.12443	9.0312	61.838	152.62	11.637	.50307	.85901

#1	.00029	15.668	.00252	.00014	.00044	.01511	.00507	2.7030
#2	.00026	15.696	.00287	.00037	-.00002	.01282	.00503	2.7360

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	.00016	47.421	.00067	.00869	3.2050	.00001	.06082
Stddev	.00041	.00012	.387	.00023	.00000	.0058	.00004	.00035
%RSD	39.616	72.102	.81532	34.144	.04334	.18012	258.25	.58139

#1	.00131	.00024	47.148	.00051	.00869	3.2009	-.00001	.06107
#2	.00074	.00008	47.695	.00084	.00869	3.2091	.00004	.06057

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4000	3.5397	-.00267	-.00071	-.02478	.0063	.09457	<.00000
Stddev	.0017	.0254	.00001	.00021	.00036	.0018	.00061	.00511
%RSD	.01960	.71653	.25428	29.760	1.4445	28.48	.64200	.57078

#1	8.3988	3.5218	-.00267	-.00086	-.02504	.0075	.09414	-.89081
#2	8.4011	3.5576	-.00268	-.00056	-.02453	.0050	.09500	-.89802

Sample Name: J4980-05DLX2 Acquired: 9/24/2018 22:23:29 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3978
Stddev	.3204
%RSD	22.919

#1	1.6243
#2	1.1713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.9	49206.	4020.1	103.14	3497.1
Stddev	14.0	43.	17.1	.34	15.4
%RSD	.65225	.08639	.42515	.33217	.44009

#1	2141.0	49176.	4032.2	103.38	3486.2
#2	2160.9	49236.	4008.0	102.90	3508.0

Sample Name: J4980-06DLX2 Acquired: 9/24/2018 22:27:33 Type: Unk
Method: P4-ICP2(v2452) 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	.00068	.00024	-.00203	.00331	-.00202	.01954	.01736
Stddev	.00232	.00067	.00052	.00333	.00077	.00334	.00030
%RSD	341.96	278.38	25.416	100.51	38.201	17.082	1.7072

#1	-.00096	.00072	-.00240	.00567	-.00148	.02190	.01716
#2	.00232	-.00023	-.00167	.00096	-.00257	.01718	.01757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00032	15.356	.00229	.00022	.00004	.00376
Stddev	.00004	.00017	.072	.00021	.00018	.00000	.00961
%RSD	203.74	54.136	.46571	9.1710	82.425	7.7782	255.73

#1	.00001	.00019	15.305	.00244	.00009	.00004	-.00304
#2	-.00004	.00044	15.406	.00215	.00035	.00004	.01055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	2.6502	.00122	.00004	46.265	.00034	.01019
Stddev	.00002	.0573	.00017	.00014	.181	.00008	.00009
%RSD	.45139	2.1613	13.645	377.03	.39155	23.701	.89685

#1	.00385	2.6097	.00110	.00014	46.393	.00028	.01012
#2	.00387	2.6907	.00134	-.00006	46.137	.00040	.01025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1253	.00004	.06782	8.2217	3.4481	-.00257	-.00053
Stddev	.0054	.00015	.00171	.0085	.0486	.00025	.00083
%RSD	.17167	381.43	2.5203	.10321	1.4079	9.6534	155.68

#1	3.1291	.00015	.06903	8.2277	3.4824	-.00240	.00005
#2	3.1215	-.00007	.06661	8.2157	3.4138	-.00275	-.00112

Sample Name: J4980-06DLX2 Acquired: 9/24/2018 22:27:33 Type: Unk
 Method: P4-ICP2(v2452) 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	-.03518	.0065	.09255	F<.00000	1.9094
Stddev	.00599	.0029	.00016	.82039	.1561
%RSD	17.039	44.51	.17609	74.013	8.1757

#1	-.03941	.0044	.09267	-1.6885	1.7990
#2	-.03094	.0085	.09244	-.52833	2.0198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.1	49100.	4022.9	102.98	3499.2
Stddev	14.1	167.	35.5	.37	18.3
%RSD	.65686	.33980	.88182	.35853	.52310

#1	2140.1	48982.	3997.8	103.24	3486.3
#2	2160.0	49218.	4048.0	102.72	3512.2

Sample Name: J4980-08DLX2 Acquired: 9/24/2018 22:31:36 Type: Unk
Method: P4-ICP2(v2452) 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	-.00298	.00009	-.00391	.00239	-.00322	.02738	.01038
Stddev	.00019	.00056	.00039	.00282	.00172	.00351	.00037
%RSD	6.5303	597.60	9.9776	118.20	53.496	12.834	3.5331

#1	-.00311	-.00030	-.00363	.00438	-.00200	.02489	.01012
#2	-.00284	.00049	-.00418	.00039	-.00444	.02986	.01064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00034	10.289	.01251	.00016	.00071	.06294
Stddev	.00012	.00005	.039	.00006	.00012	.00025	.01176
%RSD	182.81	13.846	.37861	.47434	72.233	35.295	18.680

#1	-.00015	.00030	10.262	.01255	.00008	.00088	.07125
#2	.00002	.00037	10.317	.01247	.00025	.00053	.05463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01621	1.7148	.00736	-.00026	28.228	-.00003	.01788
Stddev	.00006	.0202	.00019	.00033	.108	.00076	.00006
%RSD	.38082	1.1793	2.6374	126.70	.38191	2691.7	.31601

#1	.01617	1.7291	.00722	-.00050	28.304	.00051	.01784
#2	.01625	1.7005	.00749	-.00003	28.152	-.00056	.01792

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72547	.00029	.01862	1.4965	1.2251	-.00045	-.00053
Stddev	.02378	.00009	.00161	.0066	.0079	.00072	.00061
%RSD	3.2781	29.490	8.6612	.44399	.64300	161.18	116.02

#1	.70866	.00023	.01976	1.5011	1.2195	.00006	-.00096
#2	.74229	.00035	.01748	1.4918	1.2307	-.00096	-.00009

Sample Name: J4980-08DLX2 Acquired: 9/24/2018 22:31:36 Type: Unk
 Method: P4-ICP2(v2452) 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	-.02403	-.0003	.04228	F<.00000	1.6936
Stddev	.00008	.0019	.00009	.17117	.2846
%RSD	.33869	634.8	.21333	14.183	16.807

#1	-.02409	.0010	.04222	-1.0858	1.8948
#2	-.02397	-.0016	.04235	-1.3279	1.4923

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.6	49612.	3997.4	102.00	3564.2
Stddev	9.7	70.	6.7	.13	17.8
%RSD	.44596	.14188	.16668	.13204	.49960

#1	2160.7	49562.	3992.6	101.90	3551.6
#2	2174.4	49662.	4002.1	102.09	3576.8

Sample Name: J4980-15DLX2 Acquired: 9/24/2018 22:35:41 Type: Unk
Method: P4-ICP2(v2452) 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	-.00113	-.00055	-.00233	.00312	-.00178	.00768	.03217
Stddev	.00064	.00004	.00016	.00028	.00086	.00488	.00093
%RSD	56.796	7.9550	6.7305	9.0714	48.332	63.484	2.8778

#1	-.00158	-.00052	-.00245	.00292	-.00239	.00423	.03151
#2	-.00068	-.00058	-.00222	.00332	-.00117	.01113	.03282

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00263	10.224	.00638	.00022	.00075	.00459
Stddev	.00001	.00005	.001	.00029	.00003	.00043	.00571
%RSD	396.26	2.0181	.01032	4.4900	12.536	58.032	124.48

#1	-.00001	.00266	10.224	.00618	.00020	.00044	.00863
#2	.00001	.00259	10.223	.00659	.00024	.00106	.00055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	2.5734	.00185	.00011	27.225	.00045	.01035
Stddev	.00001	.0274	.00005	.00006	.071	.00014	.00044
%RSD	.87887	1.0631	2.7345	59.259	.26011	30.295	4.2068

#1	.00100	2.5540	.00188	.00015	27.275	.00055	.01066
#2	.00101	2.5927	.00181	.00006	27.175	.00036	.01004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0485	.00004	.01302	2.1891	2.4734	-.00073	-.00019
Stddev	.0103	.00005	.01465	.0092	.0085	.00100	.00069
%RSD	.50427	120.16	112.49	.42118	.34417	138.37	360.15

#1	2.0558	.00001	.02338	2.1956	2.4674	-.00144	-.00068
#2	2.0412	.00007	.00266	2.1825	2.4794	-.00002	.00030

Sample Name: J4980-15DLX2 Acquired: 9/24/2018 22:35:41 Type: Unk
Method: P4-ICP2(v2452) 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	-.03317	.0005	.07303	F<.00000	1.6753
Stddev	.00844	.0010	.00042	.43560	.0444
%RSD	25.454	202.9	.57546	34.852	2.6517

#1	-.02720	.0012	.07333	-.94186	1.7067
#2	-.03914	-.0002	.07273	-1.5579	1.6438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.2	49612.	4000.6	100.70	3565.1
Stddev	12.1	57.	17.8	3.33	18.9
%RSD	.55641	.11419	.44550	3.3070	.53091

#1	2159.6	49572.	3988.0	98.349	3551.7
#2	2176.7	49652.	4013.2	103.06	3578.5

Sample Name: J4980-16DLX2 Acquired: 9/24/2018 22:39:47 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00055	-.00170	.00132	-.00202	.01087	.03975	-.00002
Stddev	.00074	.00099	.00014	.00142	.00152	.00359	.00003	.00011
%RSD	463.25	180.32	8.2848	107.30	75.306	33.052	.08062	490.26

#1	.00036	.00125	-.00179	.00232	-.00309	.01341	.03972	.00005
#2	-.00068	-.00015	-.00160	.00032	-.00094	.00833	.03977	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	19.641	.00247	.00023	-.00034	.08545	.00058	2.9017
Stddev	.00004	.013	.00024	.00015	.00026	.00527	.00008	.0023
%RSD	6.9359	.06484	9.7263	63.354	76.808	6.1639	13.934	.08033

#1	.00061	19.632	.00230	.00033	-.00053	.08173	.00064	2.9001
#2	.00067	19.650	.00265	.00013	-.00016	.08918	.00052	2.9033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00066	53.374	.00030	.00277	3.9689	.00007	.04923
Stddev	.00006	.00025	.471	.00003	.00011	.0117	.00016	.01349
%RSD	3.4255	37.330	.88261	10.848	4.1128	.29481	244.90	27.401

#1	.00165	.00049	53.041	.00027	.00269	3.9607	.00018	.03969
#2	.00174	.00084	53.708	.00032	.00285	3.9772	-.00005	.05877

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4676	2.7429	-.00198	-.00020	-.03653	.0009	.10755	<.00000
Stddev	.0140	.0379	.00007	.00171	.00439	.0016	.00050	.22440
%RSD	.25522	1.3833	3.4149	844.11	12.025	177.1	.46923	24.483

#1	5.4775	2.7161	-.00203	.00101	-.03343	.0020	.10719	-.75790
#2	5.4578	2.7697	-.00193	-.00141	-.03964	-.0002	.10790	-1.0752

Sample Name: J4980-16DLX2 Acquired: 9/24/2018 22:39:47 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3801
Stddev .3701
%RSD 26.816

#1 1.6418
#2 1.1184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.8	49175.	4011.0	100.75	3481.3
Stddev	12.4	220.	35.1	1.99	17.9
%RSD	.57939	.44730	.87526	1.9785	.51321

#1	2139.0	49019.	4035.9	102.16	3468.7
#2	2156.6	49330.	3986.2	99.337	3494.0

Sample Name: J4980-17DLX2 Acquired: 9/24/2018 22:43:50 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	-.00006	-.00237	.00282	-.00252	.01476	.01817	-.00013
Stddev	.00036	.00022	.00005	.00473	.00164	.01121	.00051	.00006
%RSD	113.81	376.99	2.0704	167.81	65.260	75.975	2.7938	47.008

#1	.00057	-.00022	-.00241	.00616	-.00135	.00683	.01781	-.00009
#2	.00006	.00010	-.00234	-.00053	-.00368	.02268	.01853	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	16.278	.00256	.00028	.00205	.00915	.00069	2.8540
Stddev	.00013	.197	.00003	.00016	.00025	.00606	.00002	.0673
%RSD	48.410	1.2123	1.0379	55.226	12.076	66.162	2.3773	2.3591

#1	.00017	16.139	.00254	.00039	.00222	.00487	.00068	2.8064
#2	.00035	16.418	.00258	.00017	.00187	.01344	.00070	2.9016

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	.00028	50.273	.00008	.00709	3.2728	-.00011	.05981
Stddev	.00028	.00059	.266	.00018	.00017	.0289	.00002	.01962
%RSD	15.608	207.36	.52941	221.46	2.3767	.88259	17.576	32.797

#1	.00196	.00070	50.085	.00021	.00698	3.2524	-.00012	.04594
#2	.00157	-.00013	50.461	-.00005	.00721	3.2932	-.00010	.07368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6617	3.6613	-.00331	-.00116	-.02295	.0081	.09837	<.00000
Stddev	.0065	.0311	.00056	.00193	.00435	.0004	.00090	.24025
%RSD	.07473	.84813	16.901	166.74	18.945	4.388	.91175	32.115

#1	8.6663	3.6394	-.00370	.00021	-.01987	.0078	.09774	-.57822
#2	8.6571	3.6833	-.00291	-.00252	-.02602	.0083	.09900	-.91799

Sample Name: J4980-17DLX2 Acquired: 9/24/2018 22:43:50 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1669
Stddev .0630
%RSD 5.3956

#1 1.1223
#2 1.2114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.6	49215.	4046.0	102.22	3505.6
Stddev	18.6	114.	7.5	1.52	18.2
%RSD	.86012	.23214	.18631	1.4892	.51904

#1	2145.5	49134.	4051.3	103.30	3492.7
#2	2171.8	49295.	4040.6	101.15	3518.5

Sample Name: J4980-18DLX2 Acquired: 9/24/2018 22:47:54 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	-.00094	-.00035	-.00234	.00407	-.00143	.00773	.01945	-.00005
Stddev	.00064	.00179	.00083	.00101	.00055	.00016	.00041	.00004
%RSD	67.879	515.89	35.539	24.763	38.062	2.1235	2.1330	88.237

#1	-.00049	-.00161	-.00175	.00478	-.00105	.00784	.01974	-.00008
#2	-.00139	.00092	-.00292	.00336	-.00182	.00761	.01915	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	16.744	.00582	.00047	.00016	.02657	.00094	2.9313
Stddev	.00003	.050	.00013	.00011	.00011	.00232	.00009	.0191
%RSD	12.582	.30032	2.2029	23.002	71.108	8.7182	9.5646	.65040

#1	.00022	16.708	.00573	.00040	.00023	.02493	.00101	2.9448
#2	.00018	16.779	.00591	.00055	.00008	.02821	.00088	2.9178

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00028	52.955	.00009	.00977	3.4194	.00008	.06052
Stddev	.00017	.00038	.042	.00057	.00005	.0087	.00005	.01003
%RSD	5.7385	136.48	.07976	607.27	.54361	.25567	69.976	16.580

#1	.00277	.00055	52.985	-.00031	.00973	3.4256	.00004	.05343
#2	.00300	.00001	52.926	.00049	.00980	3.4133	.00011	.06762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0386	3.8469	-.00278	-.00199	-.03410	.0081	.10144	<.00000
Stddev	.0915	.0150	.00030	.00049	.01060	.0012	.00014	.16230
%RSD	1.0121	.39027	10.842	24.700	31.089	14.84	.14001	32.167

#1	9.1033	3.8575	-.00299	-.00234	-.02660	.0072	.10134	-.61930
#2	8.9739	3.8363	-.00257	-.00164	-.04159	.0089	.10154	-.38978

Sample Name: J4980-18DLX2 Acquired: 9/24/2018 22:47:54 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8420
Stddev	.0497
%RSD	2.6996

#1	1.8772
#2	1.8069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.7	48904.	3971.0	100.25	3473.2
Stddev	15.9	130.	25.7	.25	23.0
%RSD	.74027	.26543	.64833	.25017	.66104

#1	2132.5	48996.	3952.8	100.43	3456.9
#2	2154.9	48812.	3989.2	100.07	3489.4

Sample Name: J4980-20DLX2 Acquired: 9/24/2018 22:51:58 Type: Unk
Method: P4-ICP2(v2452) 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	-.00233	-.00098	-.00285	.00245	-.00154	.02067	.00909
Stddev	.00034	.00018	.00009	.00301	.00141	.00041	.00023
%RSD	14.713	18.133	3.0391	122.82	91.602	2.0027	2.5536

#1	-.00209	-.00085	-.00291	.00032	-.00054	.02038	.00893
#2	-.00257	-.00110	-.00278	.00458	-.00254	.02097	.00925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00039	9.1632	.00643	.00024	.00082	.05619
Stddev	.00002	.00008	.0935	.00020	.00011	.00026	.00141
%RSD	519.04	20.478	1.0209	3.1670	46.824	31.402	2.5099

#1	.00002	.00044	9.0971	.00629	.00032	.00064	.05719
#2	-.00001	.00033	9.2294	.00658	.00016	.00100	.05519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01302	1.5145	.00662	-.00002	27.407	-.00003	.01817
Stddev	.00003	.0020	.00040	.00013	.046	.00044	.00047
%RSD	.21971	.13250	6.0234	584.02	.16770	1307.8	2.5609

#1	.01300	1.5160	.00634	-.00012	27.374	-.00035	.01850
#2	.01304	1.5131	.00691	.00007	27.439	.00028	.01784

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64176	.00045	.01323	1.3932	1.1493	-.00060	-.00093
Stddev	.00070	.00012	.00629	.0049	.0108	.00004	.00024
%RSD	.10966	25.866	47.576	.35276	.93588	6.8597	25.529

#1	.64226	.00053	.00878	1.3897	1.1569	-.00058	-.00109
#2	.64126	.00036	.01768	1.3967	1.1417	-.00063	-.00076

Sample Name: J4980-20DLX2 Acquired: 9/24/2018 22:51:58 Type: Unk
Method: P4-ICP2(v2452) 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	-.02478	-.0014	.03789	F<.00000	1.4955
Stddev	.00701	.0006	.00009	1.1283	.0002
%RSD	28.271	39.74	.24328	61.695	.01299

#1	-.02974	-.0010	.03783	-2.6268	1.4957
#2	-.01983	-.0018	.03796	-1.0311	1.4954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.8	49824.	4032.8	99.523	3591.5
Stddev	4.8	159.	8.9	2.676	9.6
%RSD	.21839	.31918	.21957	2.6885	.26687

#1	2186.1	49712.	4039.1	97.631	3598.2
#2	2179.4	49936.	4026.6	101.41	3584.7

Sample Name: J5051-02 Acquired: 9/24/2018 22:56:02 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00596	-.00134	.00324	.00296	-.00370	-.04463	.01935	-.00006
Stddev	.00066	.00354	.00114	.00008	.00135	.00903	.00020	.00006
%RSD	11.066	264.07	35.234	2.7050	36.461	20.231	1.0397	88.237

#1	.00642	-.00384	.00243	.00302	-.00465	-.05102	.01950	-.00002
#2	.00549	.00116	.00405	.00290	-.00274	-.03825	.01921	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	114.22	-.00171	-.00058	.00187	-.03125	.01889	326.72
Stddev	.00022	.34	.00007	.00025	.00004	.01027	.00005	1.11
%RSD	59.478	.29603	4.3405	42.764	1.9515	32.881	.24364	.33898

#1	-.00051	113.98	-.00176	-.00041	.00184	-.02398	.01892	325.94
#2	-.00021	114.46	-.00166	-.00076	.00189	-.03851	.01885	327.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00266	.00039	2211.3	.00151	-.00111	112.21	.00232	1.1089
Stddev	.00015	.00006	1.8	.00028	.00001	.28	.00030	.0199
%RSD	5.6729	16.375	.07932	18.776	1.3417	.24994	12.828	1.7947

#1	-.00277	.00035	2210.0	.00171	-.00112	112.01	.00211	1.0948
#2	-.00255	.00044	2212.5	.00131	-.00110	112.41	.00253	1.1230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	267.54	1.0156	-.09739	-.00606	.42143	.1200	1.8847	8.1720
Stddev	1.15	.0135	.00084	.00109	.01844	.0008	.0061	.5140
%RSD	.42960	1.3264	.85828	17.928	4.3756	.6975	.32177	6.2892

#1	268.35	1.0060	-.09798	-.00529	.40839	.1194	1.8804	8.5354
#2	266.73	1.0251	-.09680	-.00683	.43447	.1206	1.8889	7.8085

Sample Name: J5051-02 Acquired: 9/24/2018 22:56:02 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4181
 Stddev .9932
 %RSD 18.332

#1 6.1204
 #2 4.7158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.6	41295.	3768.1	92.273	2598.3
Stddev	11.9	120.	24.4	1.887	14.8
%RSD	.62840	.29142	.64863	2.0452	.56906

#1	1884.2	41380.	3785.4	90.939	2587.9
#2	1901.0	41210.	3750.8	93.607	2608.8

Sample Name: J5051-02 Acquired: 9/24/2018 22:56:02 Type: Unk
Method: P4-ICP2(v2452) Mode: 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	.00596	-.00134	.00324	.00296	-.00370	-.04463	.01935	-.00006
Stddev	.00066	.00354	.00114	.00008	.00135	.00903	.00020	.00006
%RSD	11.066	264.07	35.234	2.7050	36.461	20.231	1.0397	88.237

#1	.00642	-.00384	.00243	.00302	-.00465	-.05102	.01950	-.00002
#2	.00549	.00116	.00405	.00290	-.00274	-.03825	.01921	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	114.22	-.00171	-.00058	.00187	-.03125	.01889	326.72
Stddev	.00022	.34	.00007	.00025	.00004	.01027	.00005	1.11
%RSD	59.478	.29603	4.3405	42.764	1.9515	32.881	.24364	.33898

#1	-.00051	113.98	-.00176	-.00041	.00184	-.02398	.01892	325.94
#2	-.00021	114.46	-.00166	-.00076	.00189	-.03851	.01885	327.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00266	.00039	2211.3	.00151	-.00111	112.21	.00232	1.1089
Stddev	.00015	.00006	1.8	.00028	.00001	.28	.00030	.0199
%RSD	5.6729	16.375	.07932	18.776	1.3417	.24994	12.828	1.7947

#1	-.00277	.00035	2210.0	.00171	-.00112	112.01	.00211	1.0948
#2	-.00255	.00044	2212.5	.00131	-.00110	112.41	.00253	1.1230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	267.54	1.0156	-.09739	-.00606	.42143	.1200	1.8847	8.1720
Stddev	1.15	.0135	.00084	.00109	.01844	.0008	.0061	.5140
%RSD	.42960	1.3264	.85828	17.928	4.3756	.6975	.32177	6.2892

#1	268.35	1.0060	-.09798	-.00529	.40839	.1194	1.8804	8.5354
#2	266.73	1.0251	-.09680	-.00683	.43447	.1206	1.8889	7.8085

Sample Name: J5051-02 Acquired: 9/24/2018 22:56:02 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.4181
Stddev .9932
%RSD 18.332

#1 6.1204
#2 4.7158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.6	41295.	3768.1	92.273	2598.3
Stddev	11.9	120.	24.4	1.887	14.8
%RSD	.62840	.29142	.64863	2.0452	.56906

#1	1884.2	41380.	3785.4	90.939	2587.9
#2	1901.0	41210.	3750.8	93.607	2608.8

Sample Name: CCV14 Acquired: 9/24/2018 23:00:11 Type: Unk
Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7894	4.7908	4.7285	4.8799	4.8387	9.9717	10.118
Stddev	.0142	.0084	.0050	.0177	.0087	.0711	.012
%RSD	.29698	.17536	.10681	.36195	.17905	.71325	.11763

#1	4.7995	4.7849	4.7320	4.8924	4.8448	10.022	10.110
#2	4.7794	4.7968	4.7249	4.8674	4.8326	9.9214	10.127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24007	2.3675	25.070	.94433	2.2721	1.1989	4.8778
Stddev	.00052	.0014	.069	.00350	.0021	.0016	.1003
%RSD	.21699	.05878	.27540	.37049	.09026	.13214	2.0569

#1	.24043	2.3665	25.119	.94185	2.2707	1.2000	4.9487
#2	.23970	2.3685	25.021	.94680	2.2736	1.1978	4.8068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3509	24.492	2.3780	1.2032	25.049	2.4126	2.3919
Stddev	.0023	.103	.0000	.0016	.040	.0012	.0100
%RSD	.09836	.42111	.00070	.13356	.15989	.04863	.41877

#1	2.3493	24.565	2.3780	1.2021	25.021	2.4135	2.3990
#2	2.3525	24.419	2.3779	1.2043	25.077	2.4118	2.3848

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.448	4.9367	5.0111	4.8158	4.7824	4.7839	4.9826
Stddev	.103	.0079	.0185	.0129	.0387	.0019	.0112
%RSD	.40360	.16064	.36852	.26793	.80888	.03973	.22512

#1	25.376	4.9423	5.0242	4.8249	4.7551	4.7826	4.9905
#2	25.521	4.9311	4.9981	4.8067	4.8098	4.7852	4.9747

Sample Name: CCV14 Acquired: 9/24/2018 23:00:11 Type: Unk
 Method: P4-ICP2(v2452) 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	4.5007	4.932	4.9370	F<.00000	F 3.8250
Stddev	.0351	.007	.0194	.42145	.2994
%RSD	.77959	.1439	.39234	75.832	7.8269
#1	4.5255	4.937	4.9507	-.85379	3.6133
#2	4.4759	4.927	4.9233	-.25776	4.0366
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.5	49158.	4019.2	100.07	3338.5
Stddev	6.5	8.	23.6	.54	1.7
%RSD	.29912	.01580	.58603	.54097	.05156
#1	2158.9	49152.	4035.9	99.691	3337.3
#2	2168.0	49163.	4002.6	100.46	3339.7

Sample Name: CCB14 Acquired: 9/24/2018 23:04:04 Type: Unk
 Method: P4-ICP2(v2452) 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	-.00018	.00110	-.00447	.00007	-.00104	.01137	-.00154
Stddev	.00152	.00063	.00074	.00126	.00122	.00254	.00007
%RSD	822.64	57.375	16.650	1767.3	117.46	22.371	4.5409

#1	.00089	.00154	-.00500	.00096	-.00018	.01317	-.00149
#2	-.00126	.00065	-.00394	-.00082	-.00189	.00957	-.00159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00022	-.01842	-.00013	.00023	-.00051	.00258
Stddev	.00000	.00013	.00248	.00002	.00003	.00045	.01585
%RSD	12.062	60.395	13.486	17.497	12.223	87.149	614.97

#1	.00002	.00012	-.02017	-.00012	.00021	-.00020	.01379
#2	.00002	.00031	-.01666	-.00015	.00025	-.00083	-.00863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.03640	.00074	.00022	-.14211	-.00005	-.00070
Stddev	.00006	.03855	.00019	.00027	.00627	.00054	.00001
%RSD	45.571	105.91	25.281	119.87	4.4133	1188.1	1.1660

#1	-.00016	.06365	.00061	.00041	-.14655	-.00043	-.00071
#2	-.00008	.00914	.00088	.00003	-.13768	.00034	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	.00100	-.00055	-.00312	-.00524	-.00111	-.00152
Stddev	.02081	.00000	.00205	.00216	.00057	.00024	.00182
%RSD	1087.9	.28290	370.41	69.143	10.807	21.180	119.65

#1	-.01280	.00100	-.00201	-.00465	-.00565	-.00128	-.00280
#2	.01663	.00100	.00090	-.00160	-.00484	-.00094	-.00023

Sample Name: CCB14 Acquired: 9/24/2018 23:04:04 Type: Unk
 Method: P4-ICP2(v2452) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00915	-0.0016	.00005	F<.00000	F 1.4838
Stddev	.00190	.0013	.00003	.65509	.0852
%RSD	20.781	84.51	62.078	18.912	5.7417
#1	-0.00780	-0.0025	.00003	-3.0006	1.5440
#2	-0.01049	-0.0006	.00007	-3.9270	1.4235
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.1	51544.	4081.0	104.52	3787.7
Stddev	6.6	270.	9.5	2.47	12.3
%RSD	.29435	.52324	.23344	2.3586	.32449
#1	2245.4	51353.	4087.8	106.26	3779.0
#2	2254.7	51735.	4074.3	102.78	3796.4