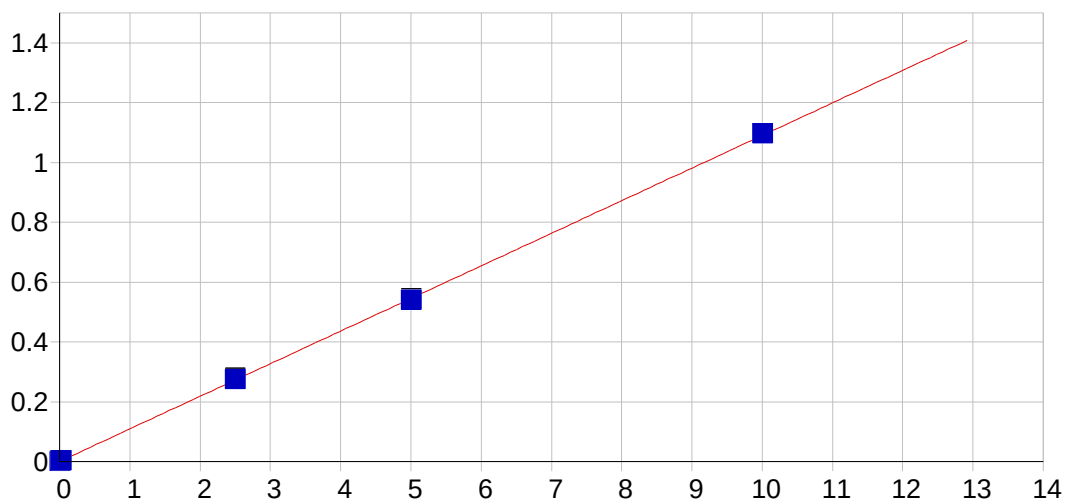


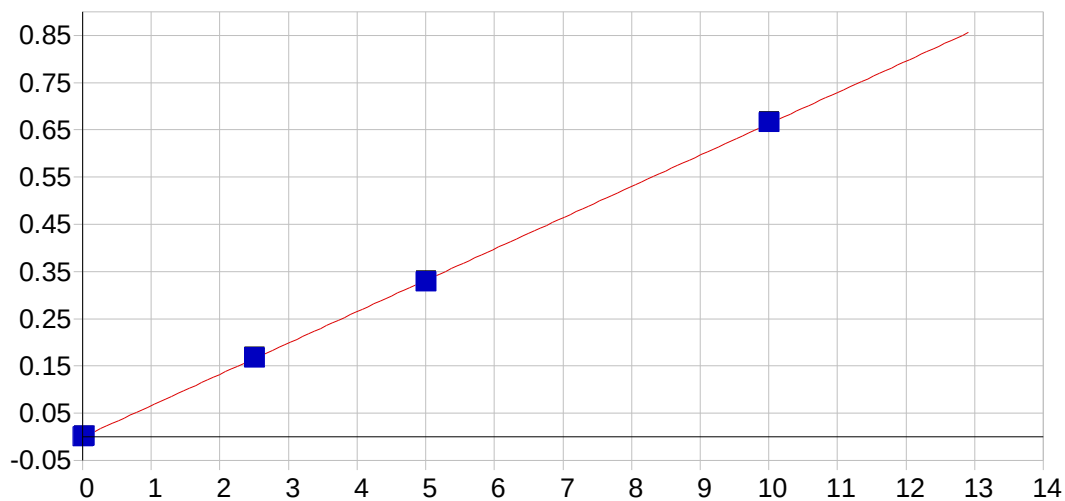


As 189.042 {478}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000258 Re-Slope: 1.000000
 A1 (Gain): 0.108986 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003303
 Predicted MQL: 0.011010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01986	-.000	-.716	.00242	.000	1
S3	2.5000	2.5096	.010	.386	.27376	.004	1
S4	5.0000	4.9396	-.060	-1.21	.53857	.004	1
S5	10.000	10.051	.051	.509	1.0956	.000	1



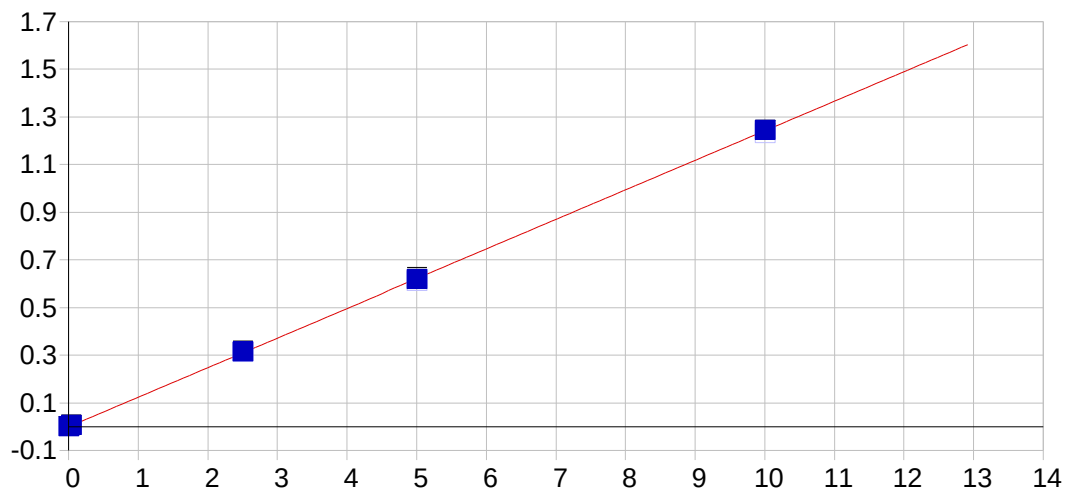
As 189.042 {479}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000148 Re-Slope: 1.000000

A1 (Gain): 0.066300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003496
 Predicted MQL: 0.011654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.02000	.02006	.000	.317	.00118	.000	1
S3	2.5000	2.5115	.011	.458	.16635	.002	1
S4	5.0000	4.9479	-.052	-1.04	.32787	.002	1
S5	10.000	10.041	.041	.406	.66550	.001	1

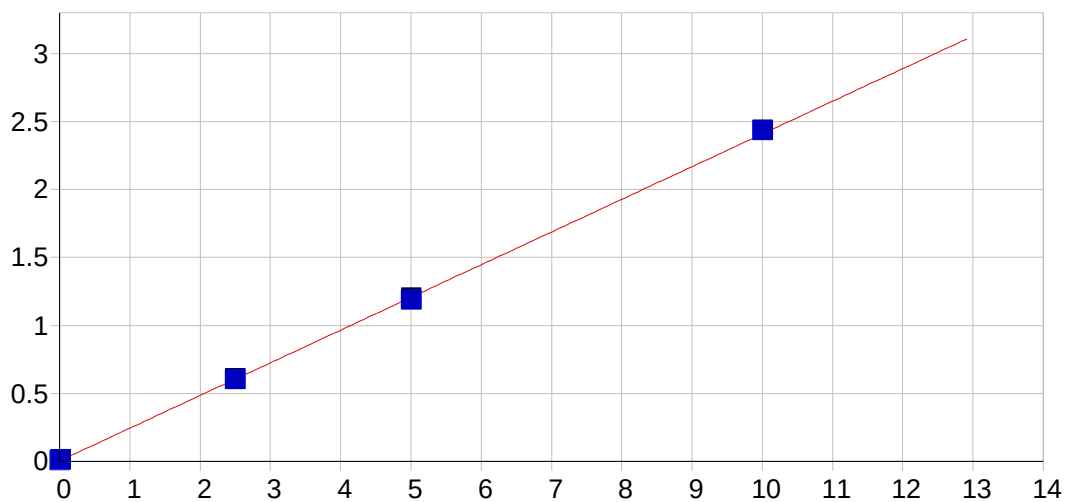


TI 190.856 {477}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000500 Re-Slope: 1.000000
 A1 (Gain): 0.124271 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001584
 Predicted MQL: 0.005278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00050	.000	1
S1	.04000	.04587	.006	14.7	.00507	.000	1
S3	2.5000	2.5252	.025	1.01	.31013	.004	1
S4	5.0000	4.9687	-.031	-.626	.61059	.008	1
S5	10.000	10.000	.000	.003	1.2295	.002	1

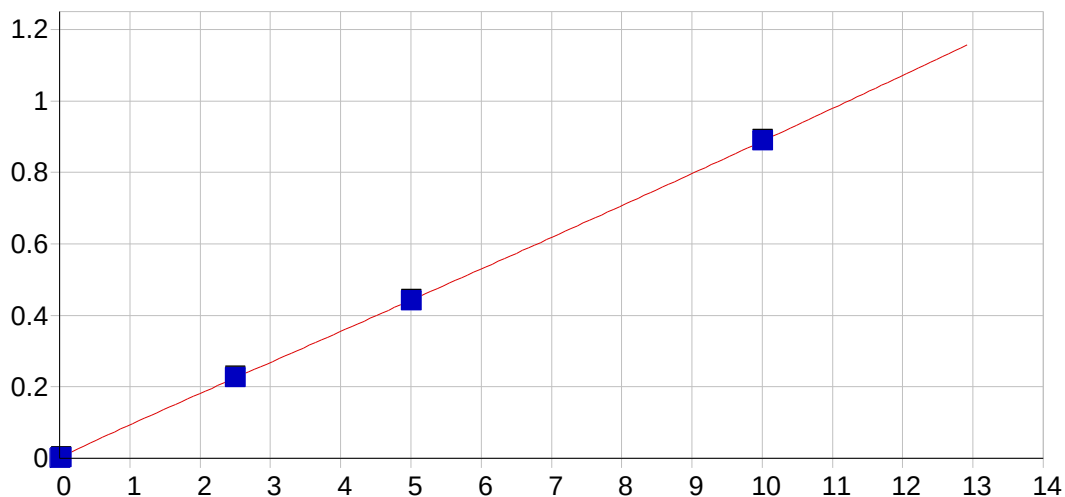


Pb 220.353 {453}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004010 Re-Slope: 1.000000
 A1 (Gain): 0.240413 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.001245
 Predicted MQL: 0.004150

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00401	.000	1
S1	.01200	.01337	.001	11.4	.00717	.000	1
S3	2.5000	2.4804	-.020	-.784	.59947	.006	1
S4	5.0000	4.9163	-.084	-1.67	1.1842	.014	1
S5	10.000	10.102	.102	1.02	2.4292	.002	1



Se 196.090 {472}

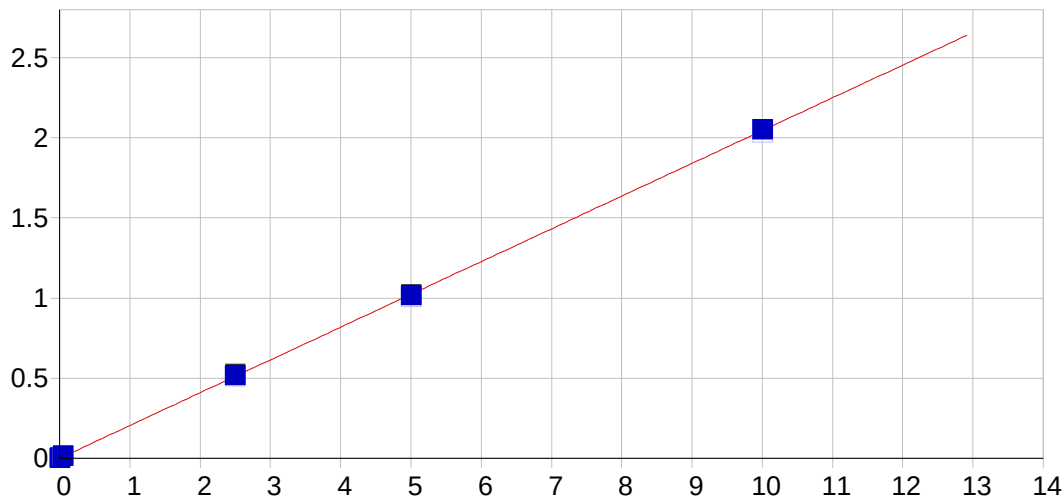
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.092431 Y-int: 0.000000

A2 (Curvature): 0.001082
 n (Exponent): 0.940000
 Correlation: 0.999999
 Std Error of Est: 0.000005
 Predicted MDL: 0.003551
 Predicted MQL: 0.011838

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01997	-.000	-.148	.00259	.000	1
S3	2.5000	2.5060	.006	.241	.22556	.003	1
S4	5.0000	4.9906	-.009	-.188	.44136	.003	1
S5	10.000	10.003	.003	.032	.88769	.004	1



Sb 206.833 {463}

Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

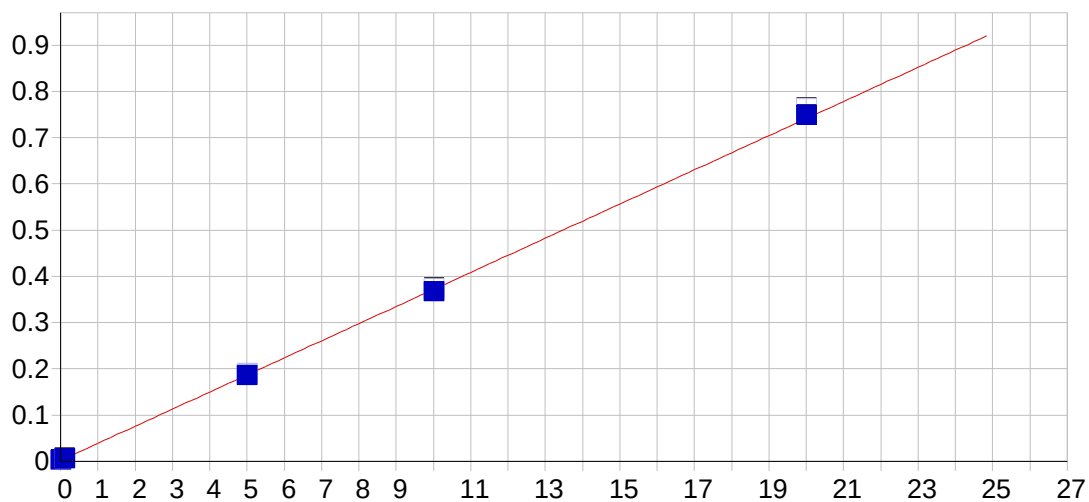
Weighting: 1/Conc

A0 (Offset): 0.000519
 A1 (Gain): 0.204469
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000063
 Predicted MDL: 0.001927
 Predicted MQL: 0.006424

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00052	.000	1
S1	.05000	.05565	.006	11.3	.01164	.000	1
S3	2.5000	2.5111	.011	.444	.50822	.008	1
S4	5.0000	4.9566	-.043	-.867	1.0025	.005	1
S5	10.000	10.027	.027	.267	2.0277	.000	1

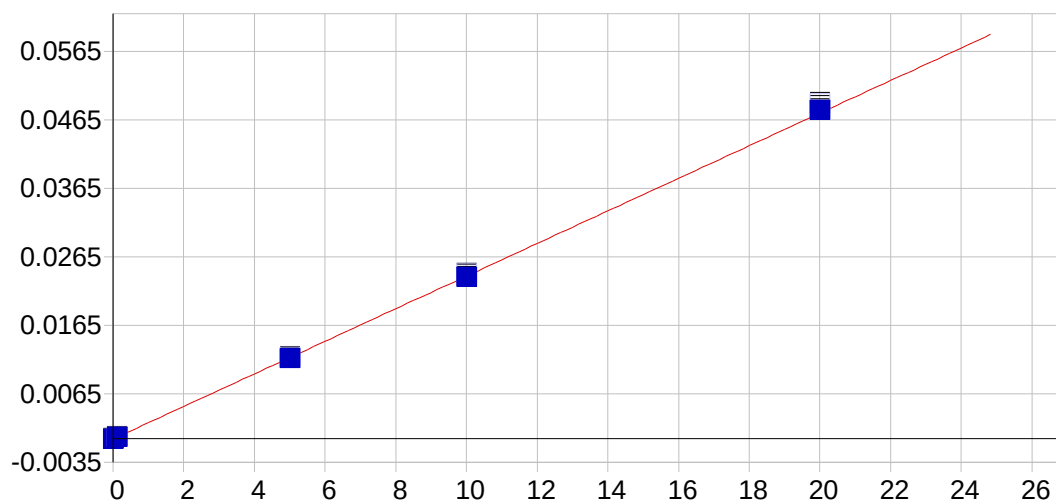


AI 308.215 {109}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002090 Re-Slope: 1.000000
 A1 (Gain): 0.036958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.003256
 Predicted MQL: 0.010854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00209	.000	1
S1	.10000	.10458	.005	4.58	.00621	.000	1
S3	5.0000	4.9577	-.042	-.847	.18899	.000	1
S4	10.000	9.8558	-.144	-1.44	.37370	.001	1
S5	20.000	20.182	.182	.909	.76268	.001	1



AI 309.271 {109}

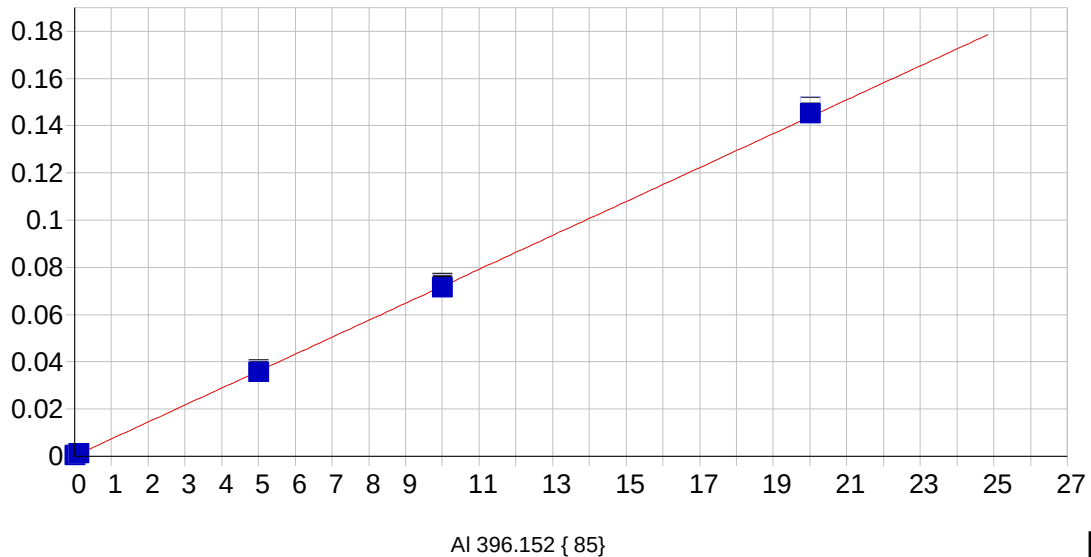
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.002379 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000002
 Predicted MDL: 0.028005
 Predicted MQL: 0.093349

Status: OK.

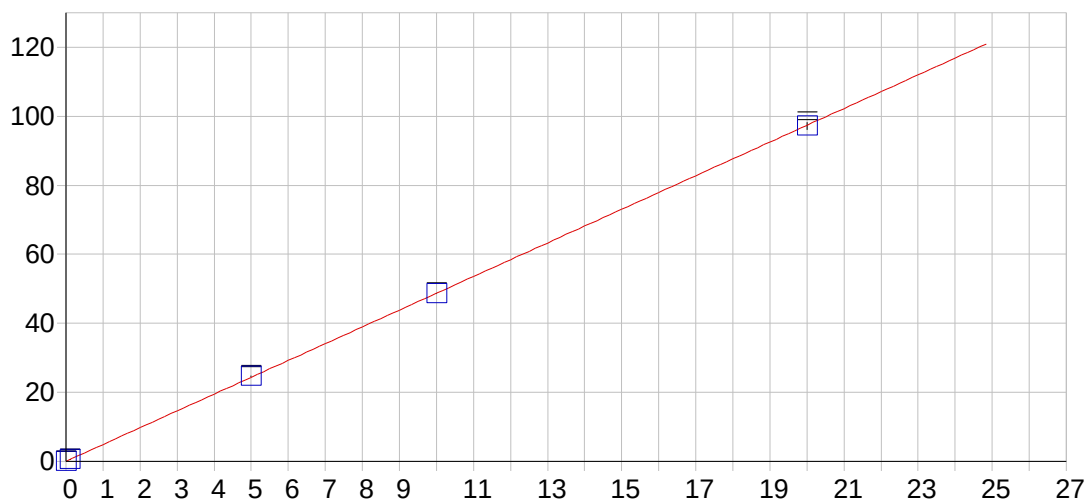
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.10000	.10035	.000	.350	.00015	.000	1
S3	5.0000	4.9166	-.083	-1.67	.01183	.000	1
S4	10.000	9.9274	-.073	-.726	.02399	.000	1
S5	20.000	20.156	.156	.778	.04880	.000	1



Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000181 Re-Slope: 1.000000
 A1 (Gain): 0.007181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.014422
 Predicted MQL: 0.048075

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00018	.000	1
S1	.10000	.10762	.008	7.62	.00100	.000	1
S3	5.0000	4.9322	-.068	-1.36	.03631	.000	1
S4	10.000	9.8903	-.110	-1.10	.07263	.001	1
S5	20.000	20.169	.169	.847	.14788	.000	1

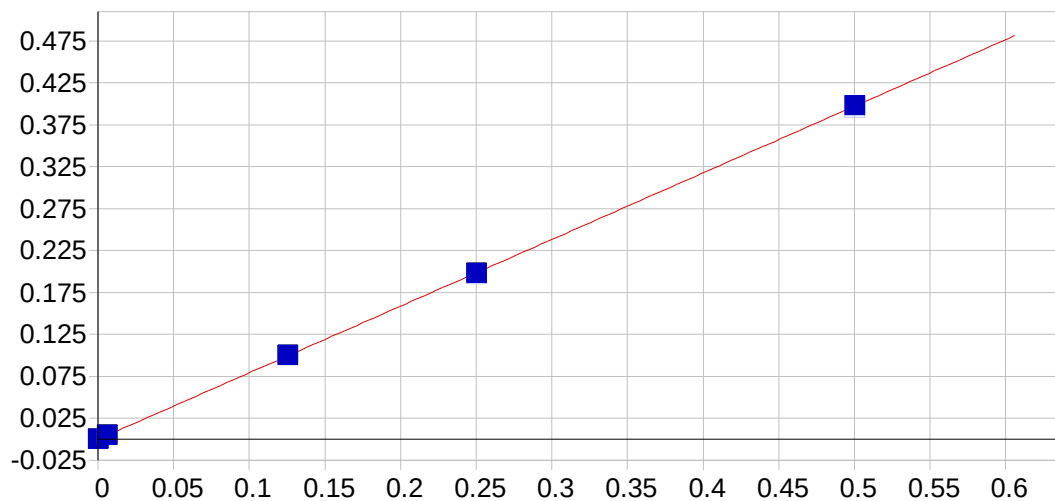


Ba 493.409 { 68}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032390 Re-Slope: 1.000000
 A1 (Gain): 4.868185 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.002133
 Predicted MDL: 0.000642
 Predicted MQL: 0.002140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03237	.002	1
S1	.10000	.10336	.003	3.36	.53558	.038	1
S3	5.0000	5.0662	.066	1.32	24.695	.161	1
S5	20.000	19.949	-.051	-.256	97.147	1.05	1
S4	10.000	9.9817	-.018	-.183	48.625	.116	1



Be 234.861 {144}

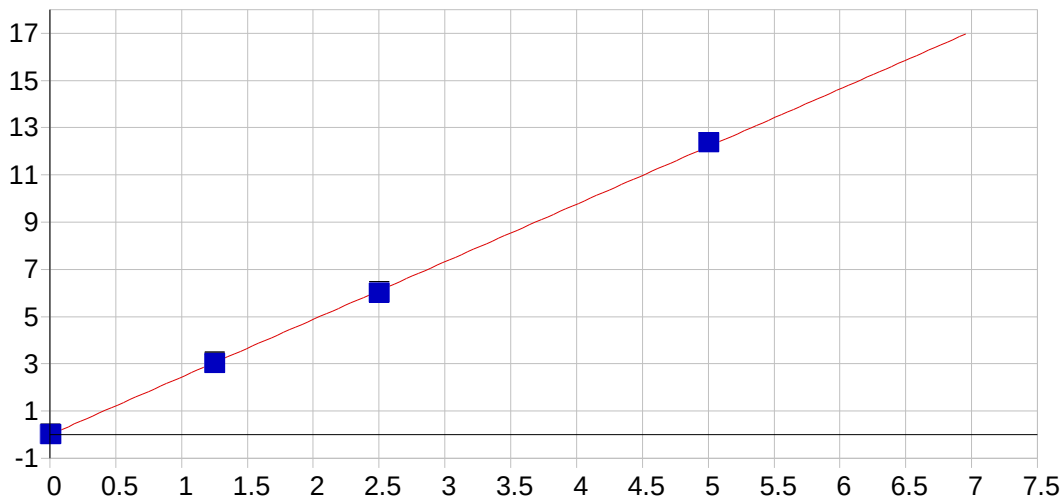
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.794711 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000011
 Predicted MDL: 0.000079
 Predicted MQL: 0.000264

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.00600	.00620	.000	3.38	.00479	.000	1
S3	.12500	.12579	.001	.628	.09925	.000	1
S4	.25000	.24873	-.001	-.509	.19633	.000	1
S5	.50000	.50029	.000	.057	.39500	.001	1



Cd 226.502 {449}

Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

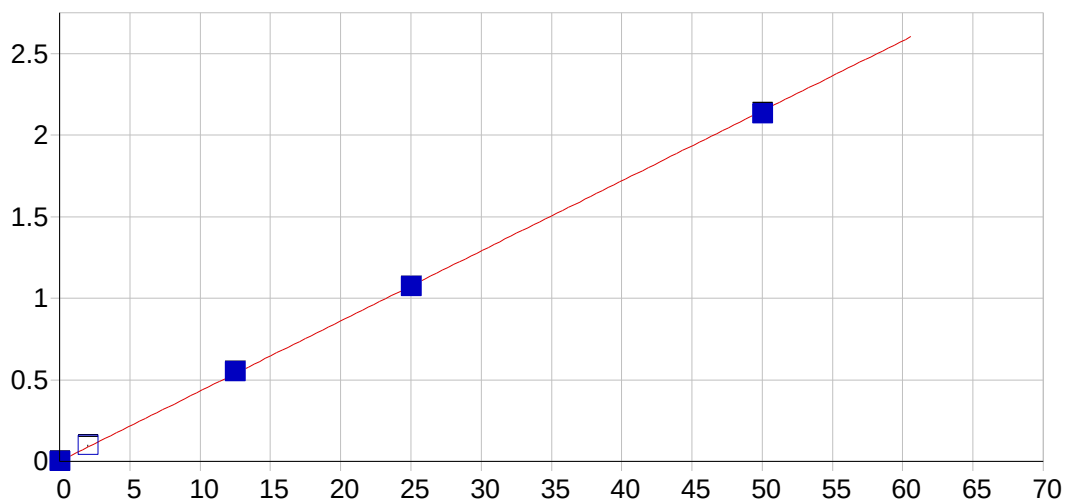
Weighting: 1/Conc

A0 (Offset): -0.000011
 A1 (Gain): 2.440176
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000358
 Predicted MDL: 0.000127
 Predicted MQL: 0.000423

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	-.00001	.000	1
S1	.00600	.00617	.000	2.85	.01508	.000	1
S3	1.2500	1.2308	-.019	-1.53	3.0041	.049	1
S4	2.5000	2.4515	-.049	-1.94	5.9834	.077	1
S5	5.0000	5.0675	.068	1.35	12.368	.003	1

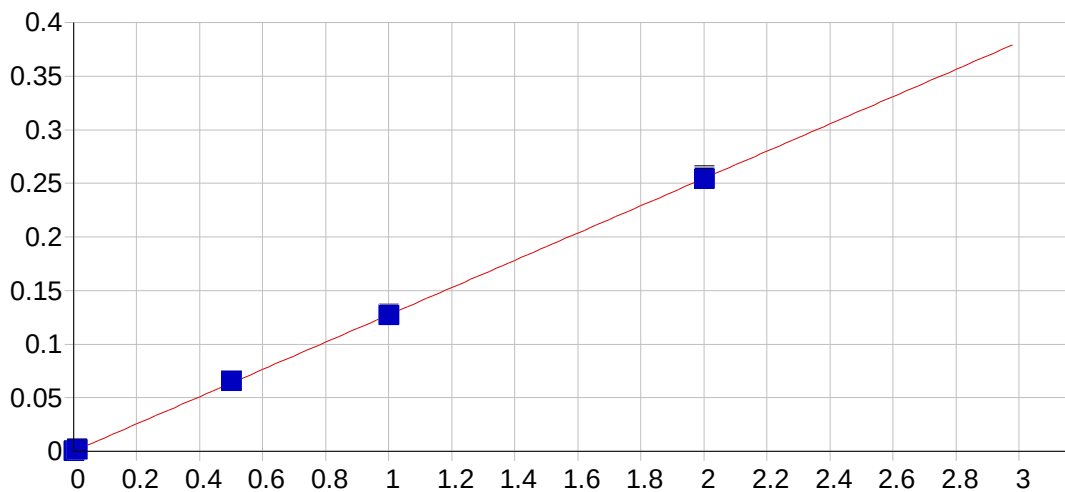


Ca 373.690 { 90}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001610 Re-Slope: 1.000000
 A1 (Gain): 0.042939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000442
 Predicted MDL: 0.018992
 Predicted MQL: 0.063308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2030	.203	10.1	.09620	.004	1
S0	.00000	-.00023	-.000	.000	.00160	.001	1
S3	12.500	12.798	.298	2.38	.55142	.003	1
S4	25.000	24.941	-.059	-.237	1.0731	.003	1
S5	50.000	49.559	-.441	-.883	2.1307	.009	1



Cr 267.716 {126}

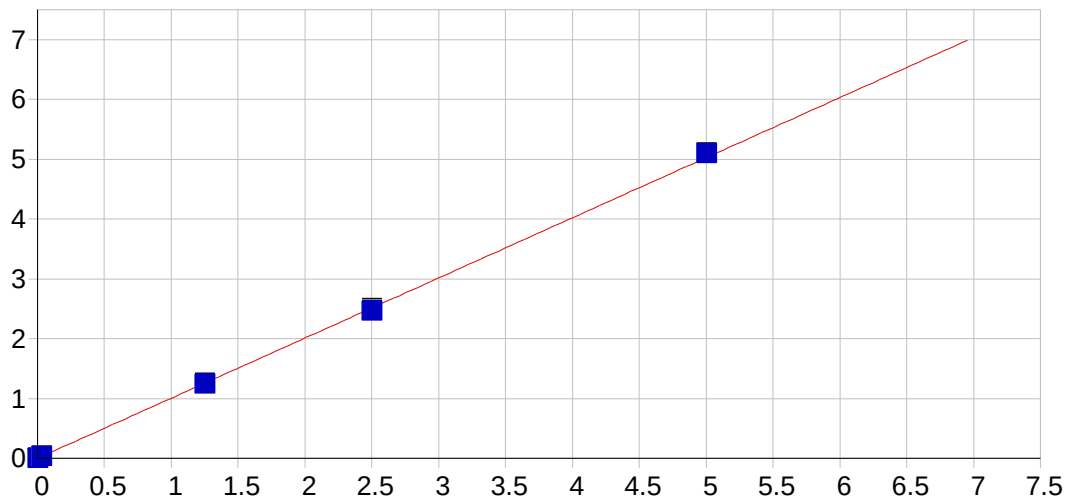
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000106 Re-Slope: 1.000000
 A1 (Gain): 0.127200 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000009
 Predicted MDL: 0.000594
 Predicted MQL: 0.001980

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.01000	.01012	.000	1.23	.00140	.000	1
S3	.50000	.51071	.011	2.14	.06554	.000	1
S4	1.0000	.99549	-.005	-.451	.12768	.000	1
S5	2.0000	1.9937	-.006	-.316	.25560	.001	1



Co 228.616 {447}

Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

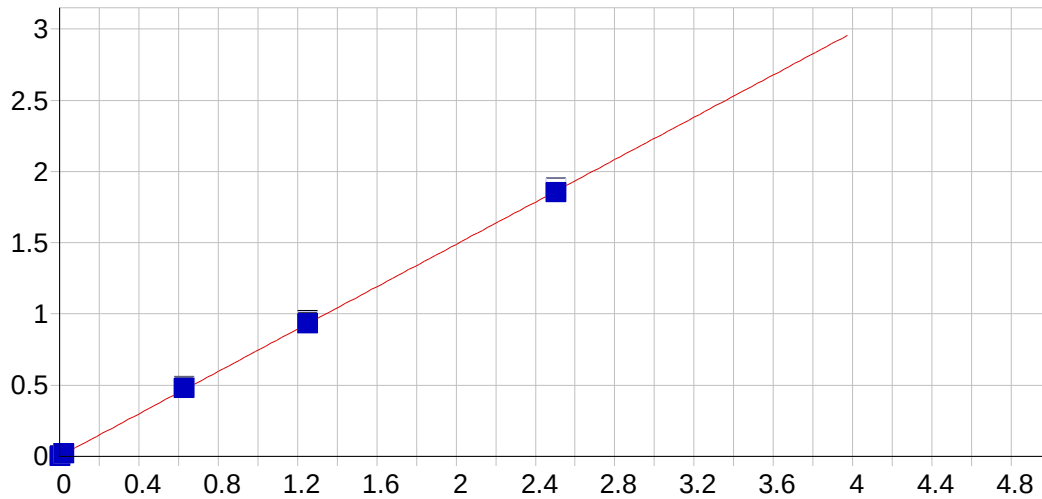
Weighting: 1/Conc

A0 (Offset): 0.000197
 A1 (Gain): 1.005118
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000359
 Predicted MDL: 0.000286
 Predicted MQL: 0.000955

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.03000	.03335	.003	11.2	.03351	.000	1
S3	1.2500	1.2303	-.020	-1.58	1.2378	.016	1
S4	2.5000	2.4502	-.050	-1.99	2.4649	.035	1
S5	5.0000	5.0662	.066	1.32	5.0963	.002	1

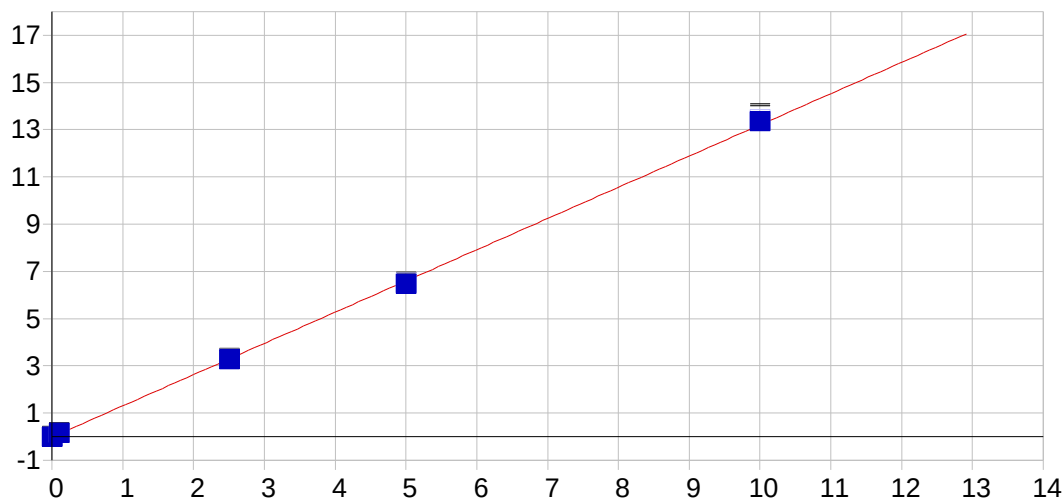


Cu 224.700 {450}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001171 Re-Slope: 1.000000
 A1 (Gain): 0.743718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000618
 Predicted MQL: 0.002059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00117	.000	1
S1	.02000	.02172	.002	8.58	.01758	.000	1
S3	.62500	.63995	.015	2.39	.48537	.005	1
S4	1.2500	1.2472	-.003	-.226	.94523	.007	1
S5	2.5000	2.4862	-.014	-.554	1.8832	.001	1



Fe 240.488 {140}

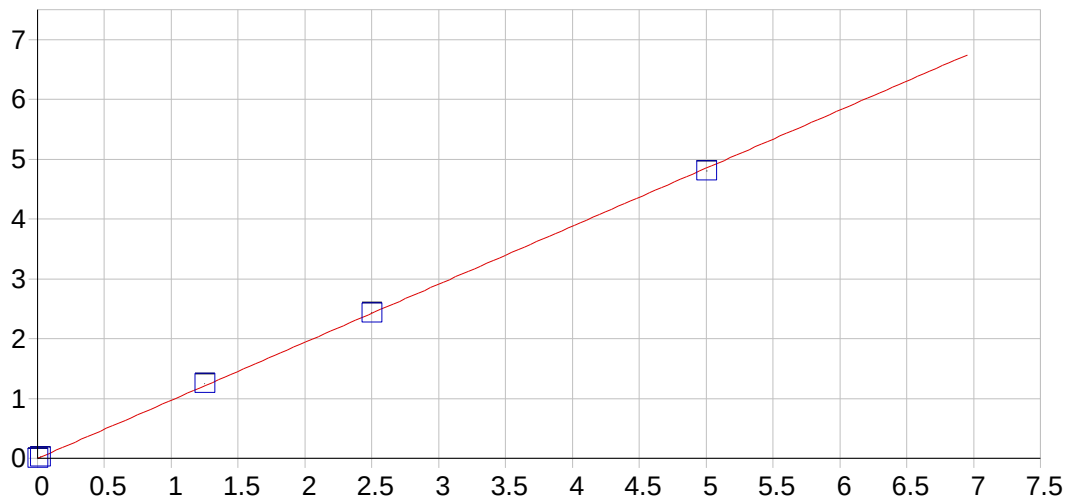
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016194 Re-Slope: 1.000000
 A1 (Gain): 1.322276 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838
 Std Error of Est: 0.001293
 Predicted MDL: 0.007918
 Predicted MQL: 0.026393

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01621	.015	1
S1	.10000	.11578	.016	15.8	.13755	.023	1
S3	2.5000	2.4804	-.020	-.785	3.2802	.032	1
S4	5.0000	4.8997	-.100	-2.01	6.4958	.047	1
S5	10.000	10.104	.104	1.04	13.411	.245	1



Mn 257.610 {131}

Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

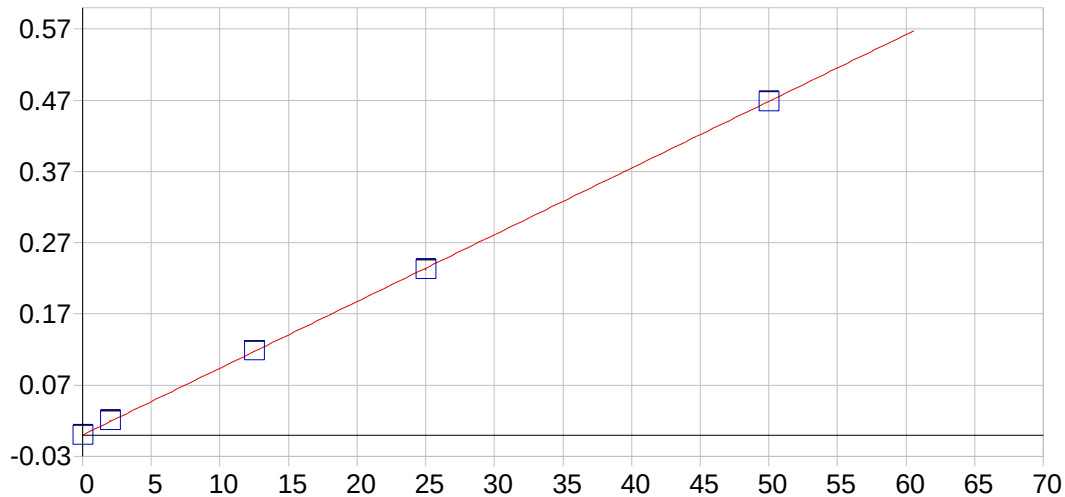
Weighting: 1/Conc

A0 (Offset): 0.000142
 A1 (Gain): 0.970114
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000237
 Predicted MDL: 0.000076
 Predicted MQL: 0.000253

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	.00014	.000	1
S1	.02000	.02284	.003	14.2	.02230	.000	1
S3	1.2500	1.2847	.035	2.78	1.2465	.002	1
S4	2.5000	2.5071	.007	.285	2.4324	.006	1
S5	5.0000	4.9553	-.045	-.895	4.8073	.000	1

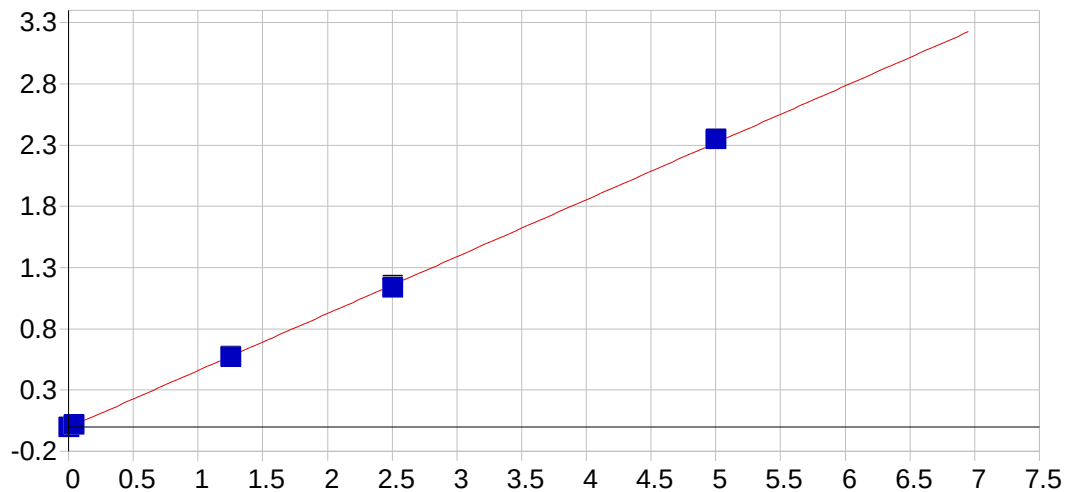


Mg 279.079 {121}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.009370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.043403
 Predicted MQL: 0.144677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1613	.161	8.06	.02034	.001	1
S0	.00000	-.00016	-.000	.000	.00009	.000	1
S3	12.500	12.571	.071	.567	.11787	.000	1
S4	25.000	24.803	-.197	-.787	.23249	.001	1
S5	50.000	49.965	-.035	-.071	.46824	.001	1



Ni 231.604 {445}

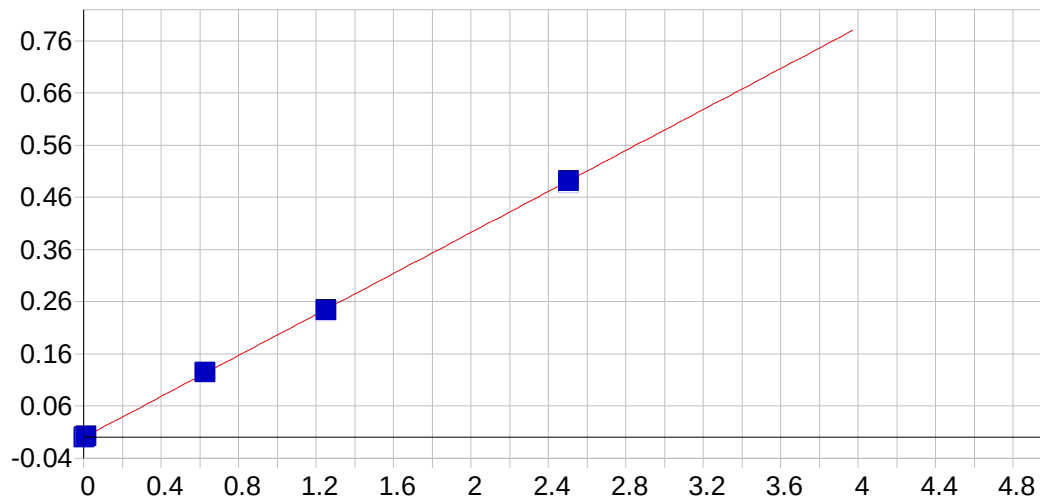
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005296 Re-Slope: 1.000000
 A1 (Gain): 0.464780 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.000180
 Predicted MDL: 0.000593
 Predicted MQL: 0.001977

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00530	.000	1
S1	.04000	.04435	.004	10.9	.01533	.000	1
S3	1.2500	1.2340	-.016	-1.28	.56886	.006	1
S4	2.5000	2.4532	-.047	-1.87	1.1362	.015	1
S5	5.0000	5.0585	.059	1.17	2.3483	.000	1



Ag 328.068 {103}

Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

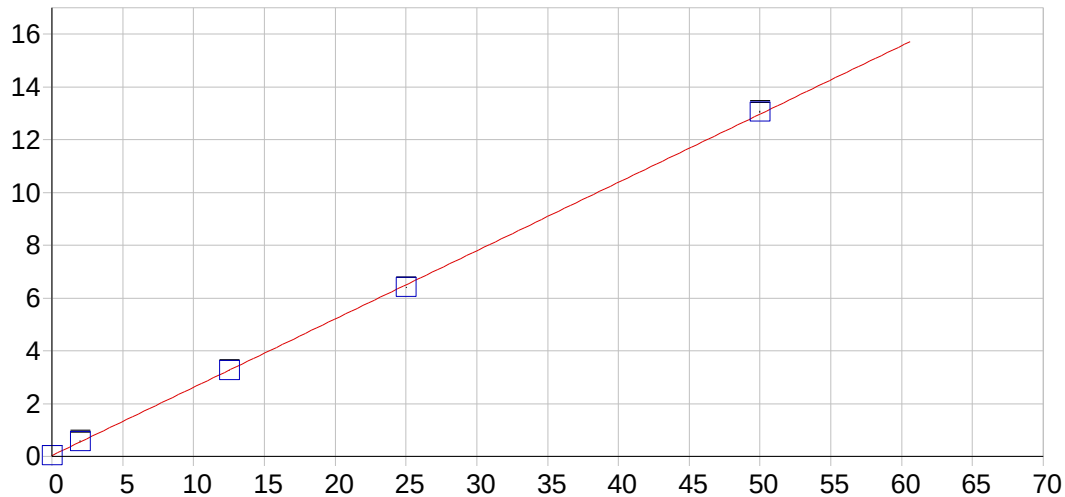
Weighting: 1/Conc

A0 (Offset): -0.000155
 A1 (Gain): 0.196505
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000012
 Predicted MDL: 0.000648
 Predicted MQL: 0.002160

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	-.00015	.000	1
S1	.01000	.01072	.001	7.16	.00191	.000	1
S3	.62500	.63224	.007	1.16	.12269	.000	1
S4	1.2500	1.2404	-.010	-0.766	.24081	.000	1
S5	2.5000	2.5016	.002	.065	.48585	.000	1

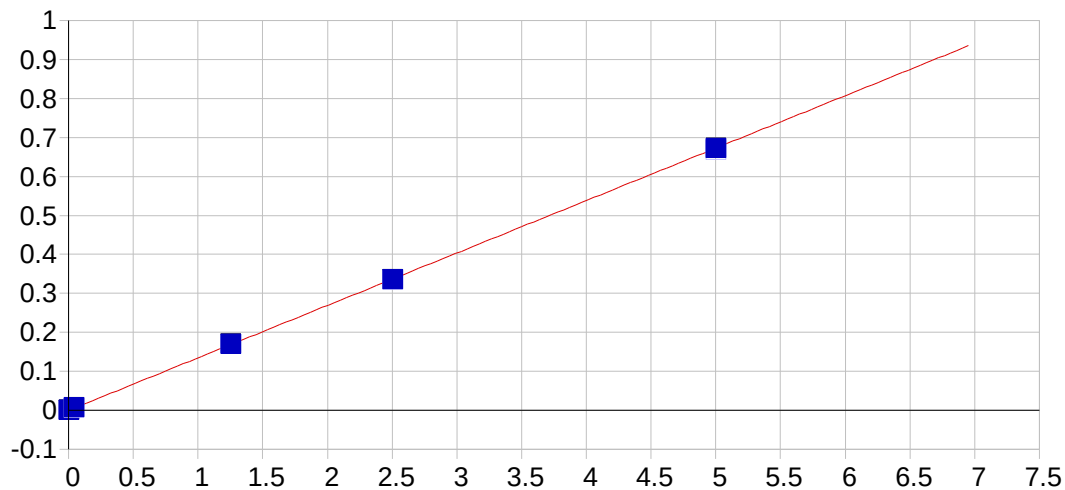


Na 589.592 { 57}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028474 Re-Slope: 1.000000
 A1 (Gain): 0.258872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.001628
 Predicted MDL: 0.010073
 Predicted MQL: 0.033578

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0895	.090	4.48	.56939	.033	1
S0	.00000	-.00007	-.000	.000	.02846	.000	1
S3	12.500	12.474	-.026	-.207	3.2577	.012	1
S4	25.000	24.619	-.381	-1.52	6.4016	.003	1
S5	50.000	50.317	.317	.635	13.054	.041	1



V 292.402 {115}

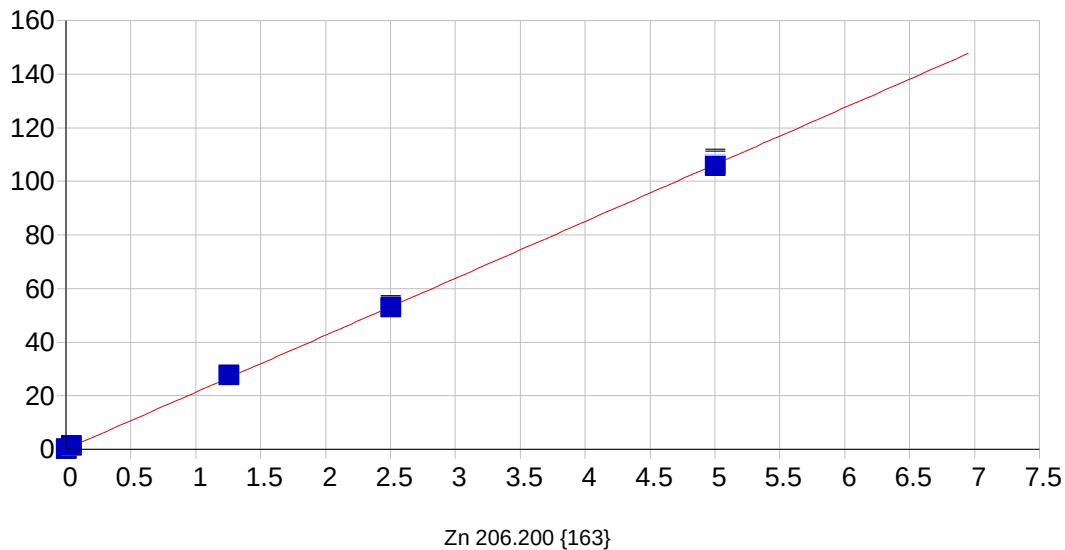
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.134527 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000025
 Predicted MDL: 0.000644
 Predicted MQL: 0.002148

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.04000	.04389	.004	9.73	.00582	.000	1
S3	1.2500	1.2615	.011	.918	.16860	.001	1
S4	2.5000	2.4940	-.006	-.241	.33331	.000	1
S5	5.0000	4.9907	-.009	-.186	.66699	.000	1



Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

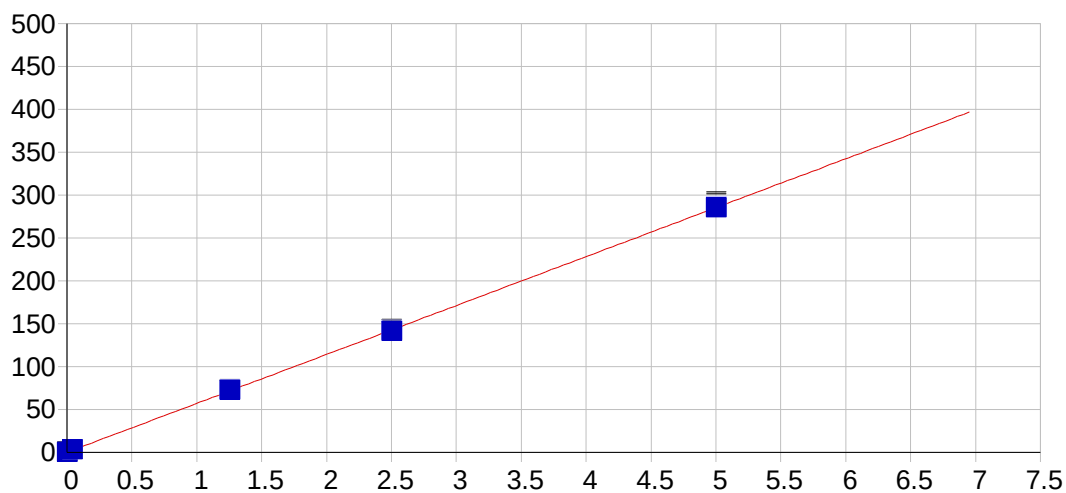
Weighting: 1/Conc

A0 (Offset): 0.078288
 A1 (Gain): 21.236520
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999722
 Std Error of Est: 0.012188
 Predicted MDL: 0.000574
 Predicted MQL: 0.001913

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	.07803	.015	1
S1	.04000	.05143	.011	28.6	1.1760	.086	1
S3	1.2500	1.2906	.041	3.25	27.646	.048	1
S4	2.5000	2.4822	-.018	-.711	53.113	.443	1
S5	5.0000	4.9658	-.034	-.685	106.18	1.93	1

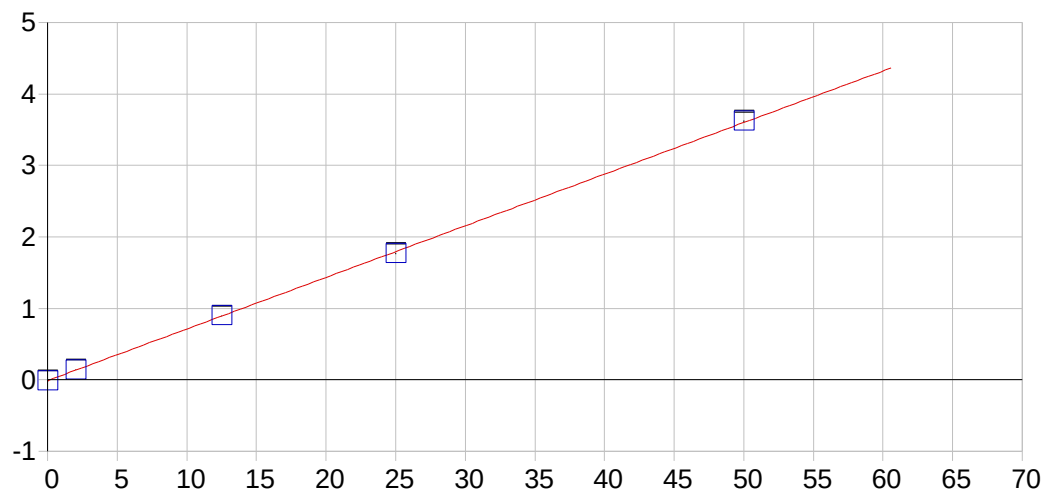


Zn 213.856 {458}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.088625 Re-Slope: 1.000000
 A1 (Gain): 57.047733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.028922
 Predicted MDL: 0.000106
 Predicted MQL: 0.000353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08796	.009	1
S1	.04000	.05155	.012	28.9	3.0441	.249	1
S3	1.2500	1.2692	.019	1.53	72.923	.222	1
S4	2.5000	2.4766	-.023	-.935	142.24	.996	1
S5	5.0000	4.9927	-.007	-.147	286.63	4.88	1



K 766.490 {44}

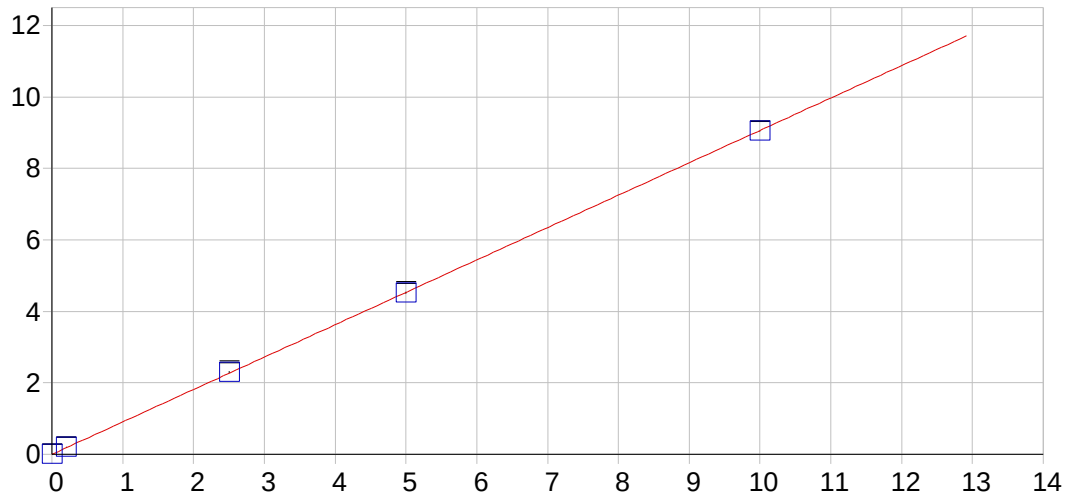
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010528 Re-Slope: 1.000000
 A1 (Gain): 0.072202 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000449
 Predicted MDL: 0.038635
 Predicted MQL: 0.128783

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0871	.087	4.35	.14017	.005	1
S0	.00000	-.00008	-.000	.000	-.01053	.001	1
S3	12.500	12.561	.061	.487	.89640	.004	1
S4	25.000	24.603	-.397	-1.59	1.7659	.007	1
S5	50.000	50.249	.249	.498	3.6176	.013	1



Mo 202.030 {467}

Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

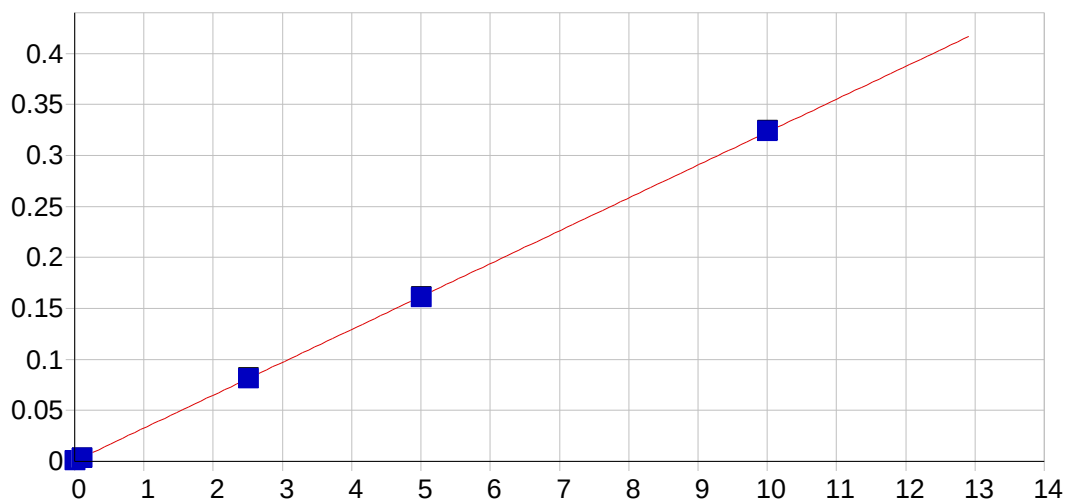
Weighting: 1/Conc

A0 (Offset): 0.000417
 A1 (Gain): 0.906351
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000614
 Predicted MDL: 0.000353
 Predicted MQL: 0.001177

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	.00041	.000	1
S1	.20000	.21121	.011	5.60	.19185	.001	1
S3	2.5000	2.5381	.038	1.53	2.3009	.035	1
S4	5.0000	4.9801	-.020	-.398	4.5141	.026	1
S5	10.000	9.9705	-.029	-.295	9.0372	.009	1

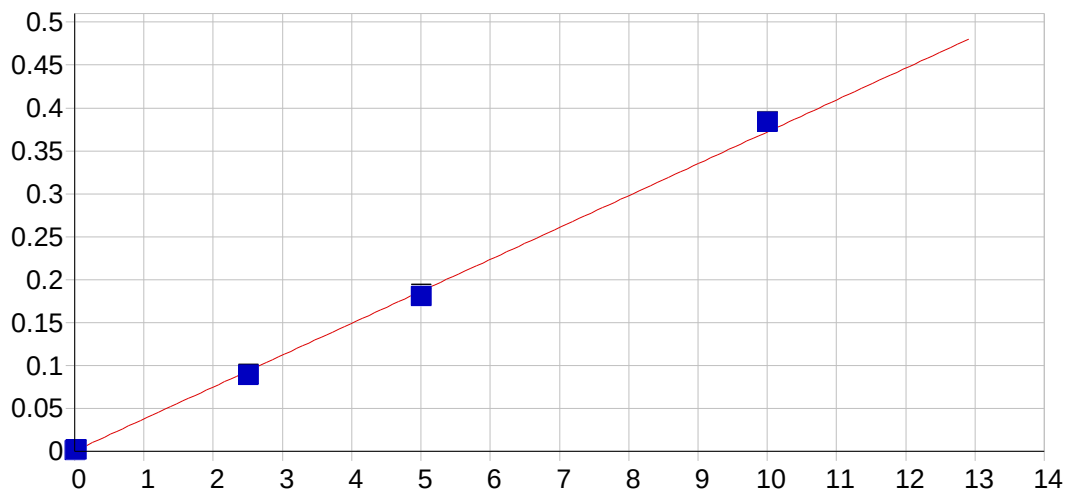


B 249.678 {135}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000393 Re-Slope: 1.000000
 A1 (Gain): 0.032249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.009195
 Predicted MQL: 0.030648

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00039	.000	1
S1	.10000	.09237	-.008	-7.63	.00336	.000	1
S3	2.5000	2.5051	.005	.202	.08099	.000	1
S4	5.0000	4.9682	-.032	-.637	.16024	.000	1
S5	10.000	10.034	.034	.344	.32324	.000	1



S 182.034 {485}

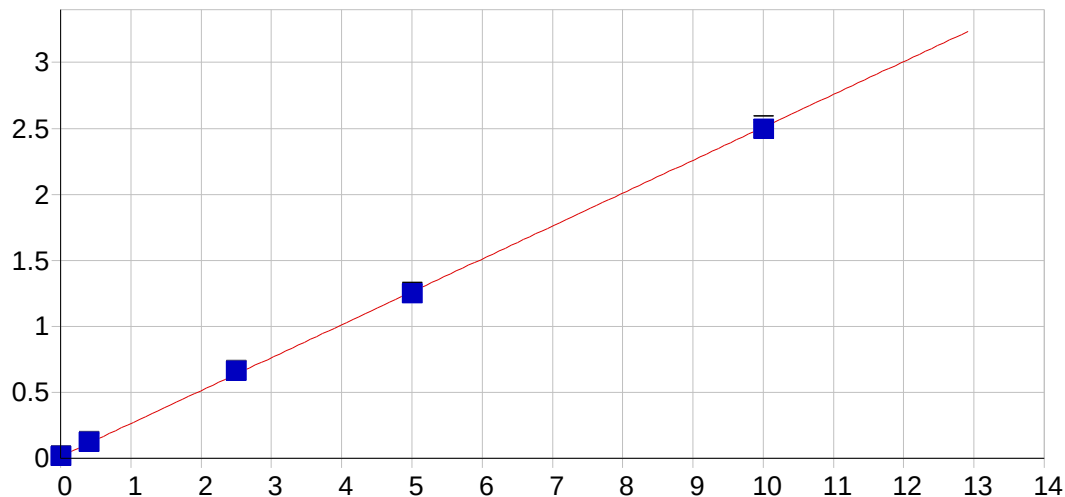
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000567 Re-Slope: 1.000000
 A1 (Gain): 0.037159 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999338
 Std Error of Est: 0.000033
 Predicted MDL: 0.003871
 Predicted MQL: 0.012905

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00057	.000	1
S1	.02000	.01576	-.004	-21.2	.00113	.000	1
S3	2.5000	2.3645	-.136	-5.42	.08832	.001	1
S4	5.0000	4.8336	-.166	-3.33	.17997	.003	1
S5	10.000	10.306	.306	3.06	.38312	.001	1



Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

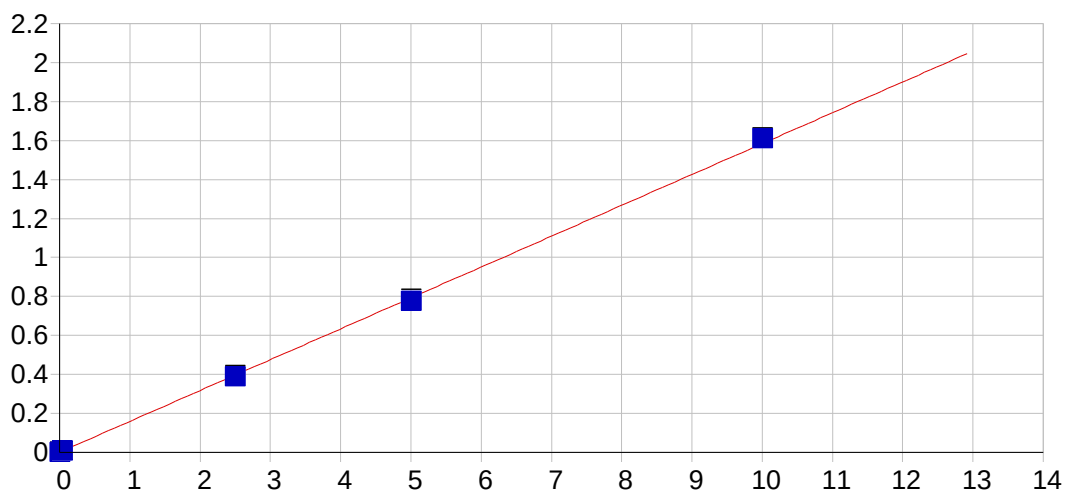
Weighting: 1/Conc

A0 (Offset): 0.014428
 A1 (Gain): 0.249381
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854
 Std Error of Est: 0.000466
 Predicted MDL: 0.003133
 Predicted MQL: 0.010442

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	.01442	.000	1
S1	.40000	.42172	.022	5.43	.11951	.008	1
S3	2.5000	2.5890	.089	3.56	.65974	.006	1
S4	5.0000	4.9481	-.052	-1.04	1.2477	.008	1
S5	10.000	9.9412	-.059	-.588	2.4923	.025	1

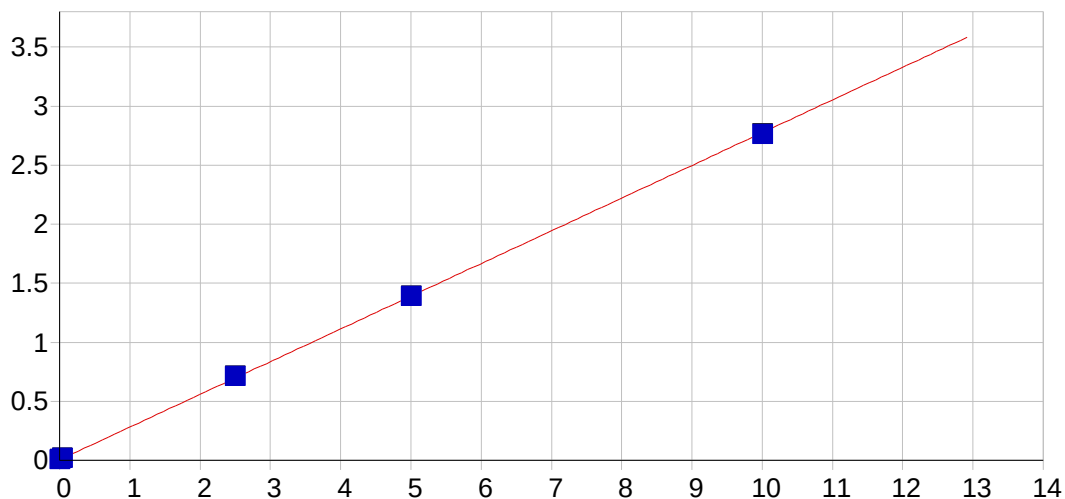


Sn 189.989 {477}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000846 Re-Slope: 1.000000
 A1 (Gain): 0.158328 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000931
 Predicted MQL: 0.003103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00085	.000	1
S1	.04000	.04165	.002	4.14	.00744	.000	1
S3	2.5000	2.4484	-.052	-2.07	.38856	.005	1
S4	5.0000	4.8910	-.109	-2.18	.77536	.009	1
S5	10.000	10.159	.159	1.59	1.6096	.002	1



Ti 336.121 {100}

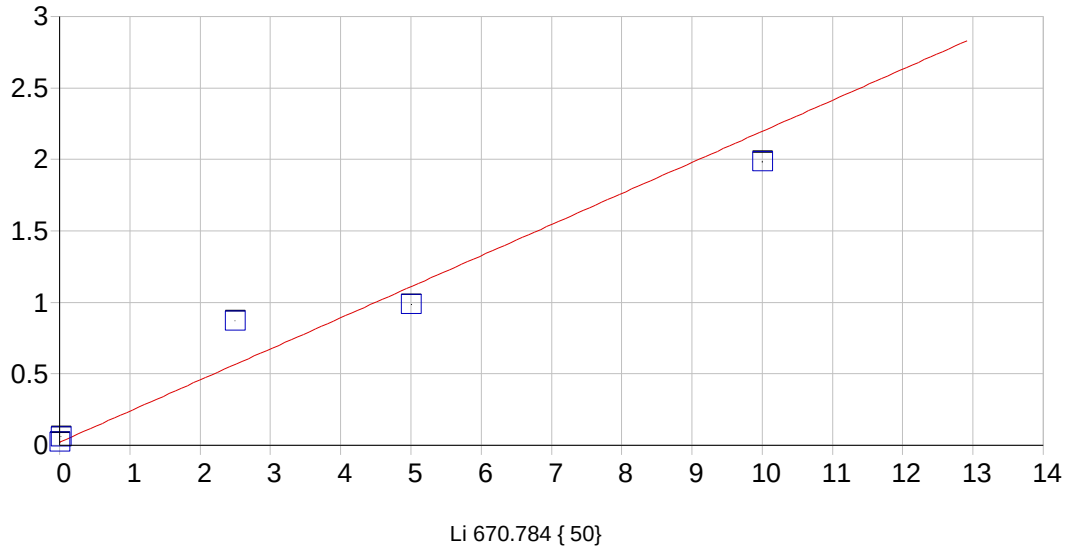
Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004401 Re-Slope: 1.000000
 A1 (Gain): 0.277065 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000106
 Predicted MDL: 0.002056
 Predicted MQL: 0.006854

Status: OK.

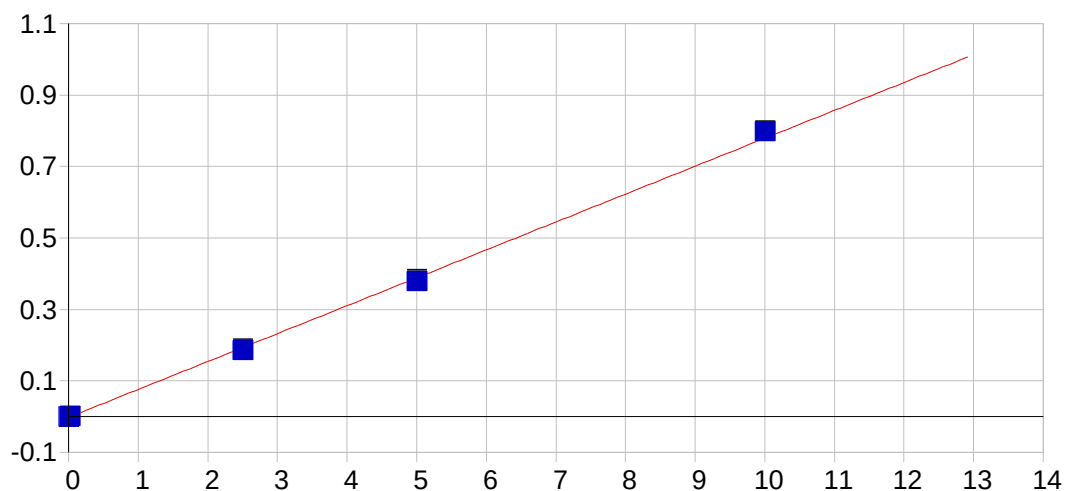
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00440	.000	1
S1	.04000	.04520	.005	13.0	.01692	.000	1
S3	2.5000	2.5549	.055	2.20	.71219	.000	1
S4	5.0000	4.9958	-.004	-.084	1.3884	.001	1
S5	10.000	9.9441	-.056	-.559	2.7592	.005	1



Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022017 Re-Slope: 1.000000
 A1 (Gain): 0.217453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.944198 Status: OK.
 Std Error of Est: 0.001832
 Predicted MDL: 0.012618
 Predicted MQL: 0.042060

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.02198	.002	1
S1	.02000	.17394	.154	770.	.05984	.004	1
S3	2.5000	3.8999	1.40	56.0	.87007	.001	1
S4	5.0000	4.4273	-.573	-11.5	.98475	.001	1
S5	10.000	9.0188	-.981	-9.81	1.9832	.005	1

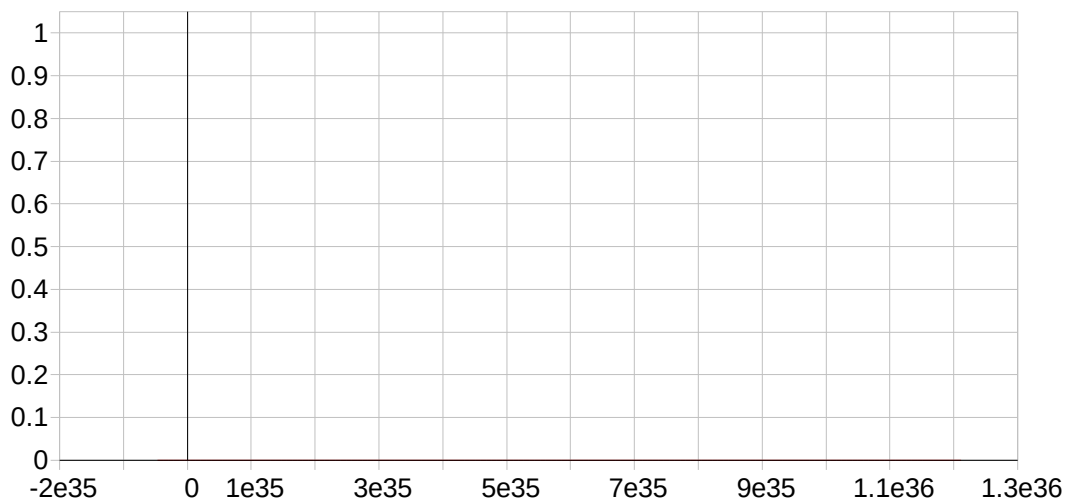


P 177.495 {490}

Date of Fit: 9/17/2018 13:03:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001892 Re-Slope: 1.000000
 A1 (Gain): 0.078090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999601 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.002090
 Predicted MQL: 0.006966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00189	.000	1
S1	.02000	.01812	-.002	-9.38	-.00048	.000	1
S3	2.5000	2.3994	-.101	-4.03	.18519	.003	1
S4	5.0000	4.8609	-.139	-2.78	.37713	.005	1
S5	10.000	10.242	.242	2.42	.79675	.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

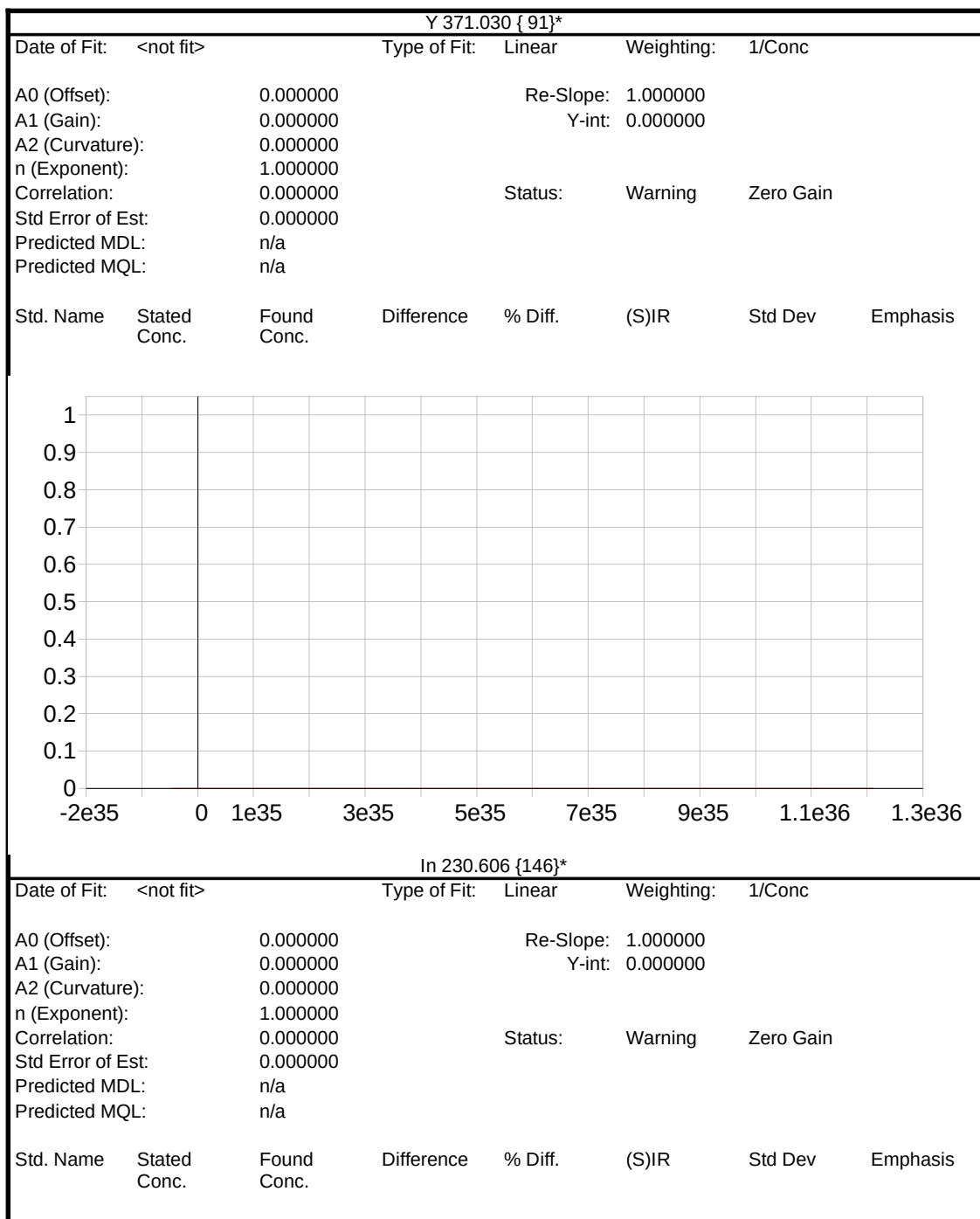
Status: Warning Zero Gain

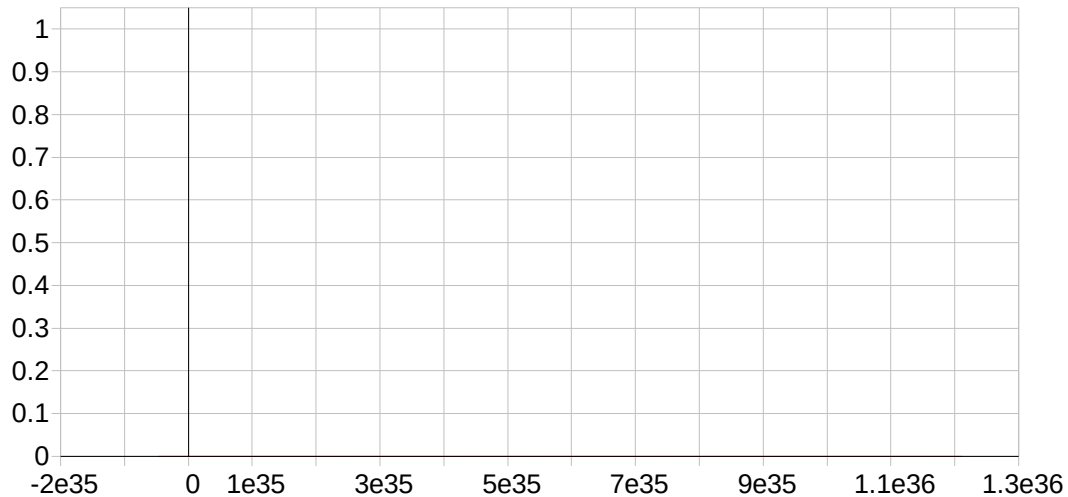
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The horizontal axis (x-axis) is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The vertical axis (y-axis) is labeled with values: 0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, and 1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.





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

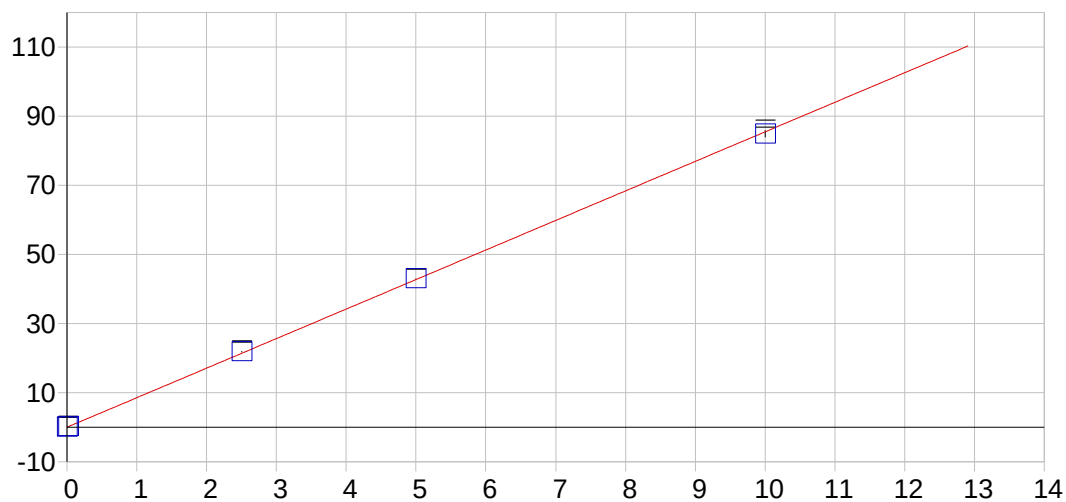
Status: Warning Zero Gain

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: 9/17/2018 13:03:30

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002794

Re-Slope: 1.000000

A1 (Gain): 8.551325

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999951

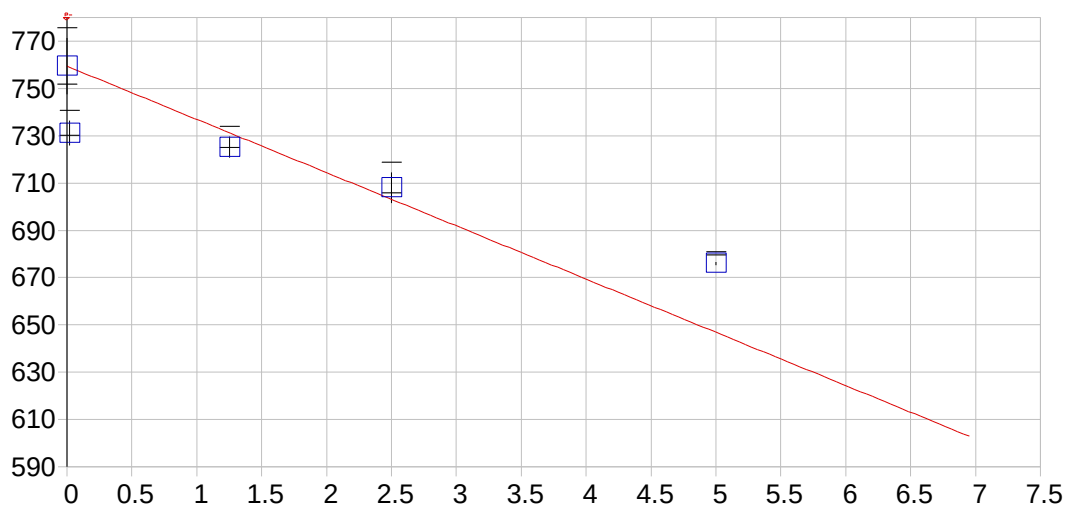
Status: OK.

Std Error of Est: 0.002043

Predicted MDL: 0.000122

Predicted MQL: 0.000408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00279	.000	1
S1	.02000	.01942	-.001	-2.90	.16327	.013	1
S3	2.5000	2.5529	.053	2.11	21.828	.117	1
S4	5.0000	5.0190	.019	.380	42.916	.090	1
S5	10.000	9.9287	-.071	-.713	84.901	.962	1



Date of Fit: 9/17/2018 13:03:30

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 759.423857

Re-Slope: 1.000000

A1 (Gain): -22.513383

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.319779

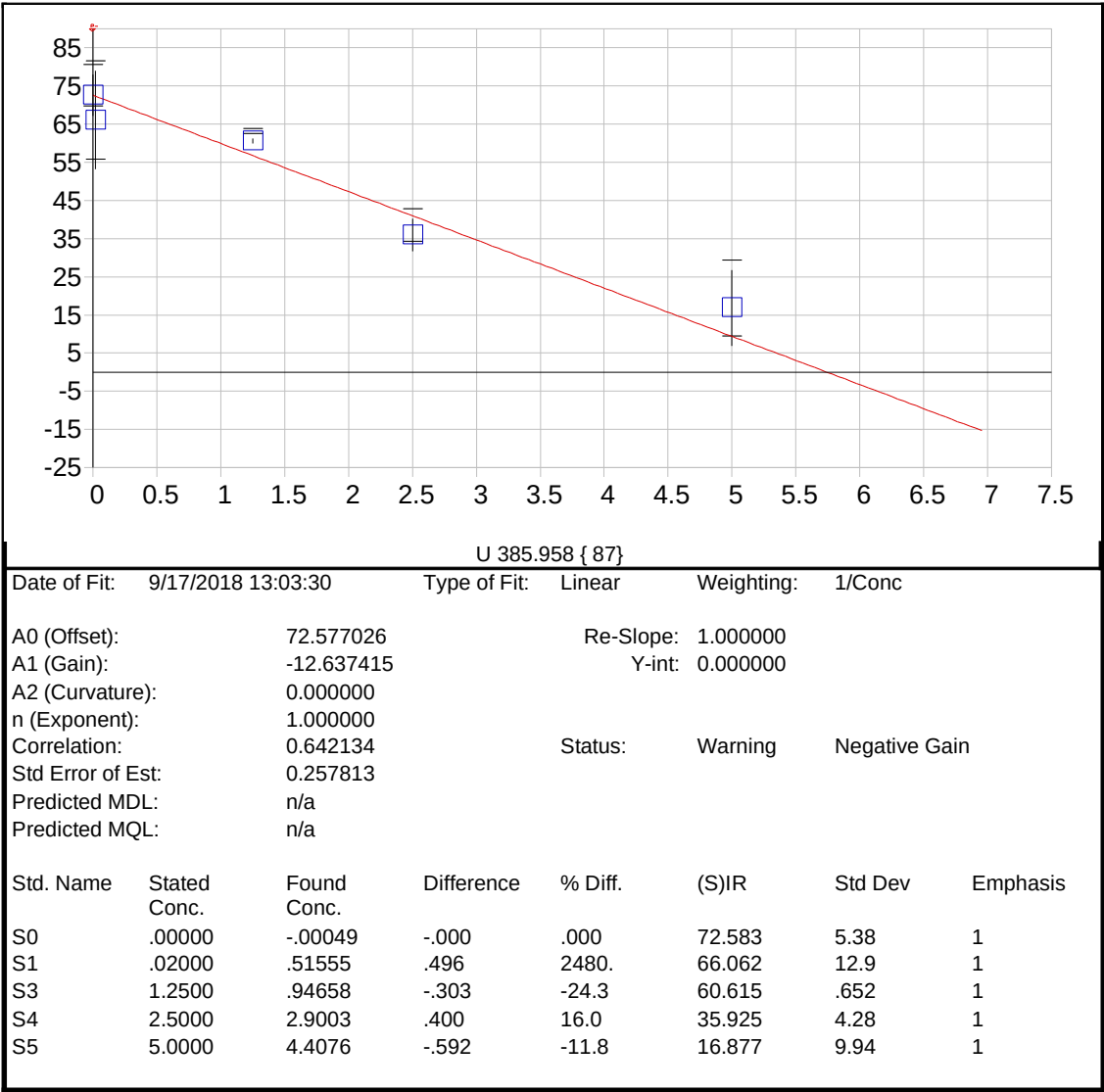
Status: Warning Negative Gain

Std Error of Est: 1.139920

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00123	-.001	.000	759.45	12.0	1
S1	.02000	1.2569	1.24	6180.	731.13	5.16	1
S3	1.2500	1.5247	.275	22.0	725.10	4.43	1
S4	2.5000	2.2828	-.217	-8.69	708.03	6.45	1
S5	5.0000	3.7056	-1.29	-25.9	676.00	.633	1



Sample Name: S0 Acquired: 9/17/2018 12:01:18 Type: Cal
Method: P4-ICP2(v2435) 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	-.00015	-.00050	.00401	.00026	.00052	.00018	.03237	-.00008
Stddev	.00007	.00000	.00002	.00014	.00046	.00001	.00223	.00006
%RSD	44.226	.30140	.39516	55.906	88.087	6.8938	6.8851	76.047
#1	-.00010	-.00050	.00400	.00036	.00084	.00017	.03079	-.00004
#2	-.00019	-.00050	.00402	.00015	.00020	.00019	.03395	-.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	-.00001	.00160	.00011	.00019	.00117	-.01621	.00014	.00009
Stddev	.00004	.00093	.00004	.00002	.00032	.01516	.00004	.00014
%RSD	405.10	58.410	33.791	9.4460	27.360	93.512	25.779	155.71
#1	-.00004	.00094	.00013	.00021	.00094	-.00549	.00011	.00019
#2	.00002	.00226	.00008	.00018	.00140	-.02693	.00016	-.00001
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	-.00530	-.00015	.02846	-.00000	.08796	-.01053	.00041	.00039
Stddev	.00005	.00003	.00002	.00006	.00908	.00052	.00016	.00029
%RSD	1.0237	18.246	.07341	1987.2	10.324	4.9555	39.975	73.997
#1	-.00526	-.00017	.02847	-.00005	.09438	-.01090	.00029	.00060
#2	-.00534	-.00013	.02844	.00004	.08153	-.01016	.00052	.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	.00057	.01442	.00085	.00440	.02198	-.0019	-.00279	759.45
Stddev	.00000	.00031	.00003	.00023	.00195	.0000	.00005	11.98
%RSD	.63984	2.1304	4.1027	5.2990	8.8690	.2519	1.6770	1.5775
#1	.00056	.01464	.00087	.00423	.02336	-.0019	-.00276	750.98
#2	.00057	.01420	.00082	.00456	.02060	-.0019	-.00283	767.92

Sample Name: S0 Acquired: 9/17/2018 12:01:18 Type: Cal
Method: P4-ICP2(v2435) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	72.583
Stddev	5.384
%RSD	7.4176

#1	76.390
#2	68.776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.2	49883.	4982.0	127.04	3488.7
Stddev	.7	129.	49.4	.18	3.0
%RSD	.03467	.25791	.99160	.14463	.08573

#1	2081.7	49792.	4947.0	127.17	3486.6
#2	2082.7	49974.	5016.9	126.91	3490.8

Sample Name: S1 Acquired: 9/17/2018 12:05:20 Type: Cal
Method: P4-ICP2(v2435) 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	.00118	.00507	.00717	.00259	.01164	.00100	.53558	.00479
Stddev	.00003	.00006	.00017	.00011	.00015	.00005	.03817	.00012
%RSD	2.4982	1.1609	2.3076	4.3309	1.2463	5.3249	7.1266	2.4123

#1	.00116	.00503	.00728	.00251	.01154	.00097	.50859	.00471
#2	.00120	.00511	.00705	.00267	.01175	.00104	.56257	.00488

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	.01508	.00140	.03351	.01758	.13755	.02230	.01533	.00191
Stddev	.00010	.00010	.00008	.00038	.02334	.00001	.00010	.00014
%RSD	.64100	7.4953	.23957	2.1531	16.966	.02776	.65635	7.3038

#1	.01501	.00147	.03346	.01785	.12105	.02231	.01540	.00181
#2	.01514	.00133	.03357	.01731	.15405	.02230	.01526	.00201

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	.00582	3.0441	.19185	.00336	.00113	.11951	.00744	.01692
Stddev	.00007	.2489	.00069	.00004	.00010	.00778	.00012	.00036
%RSD	1.1202	8.1754	.35896	1.0636	9.2187	6.5080	1.5889	2.1442

#1	.00577	2.8682	.19233	.00333	.00106	.11401	.00736	.01666
#2	.00586	3.2201	.19136	.00338	.00120	.12501	.00752	.01718

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05984	-.0005	.16327	731.13	66.062
Stddev	.00374	.0001	.01316	5.16	12.873
%RSD	6.2518	26.65	8.0580	.70626	19.487

#1	.05720	-.0004	.15396	727.47	56.959
#2	.06249	-.0006	.17257	734.78	75.165

Sample Name: S1 Acquired: 9/17/2018 12:05:20 Type: Cal
Method: P4-ICP2(v2435) 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	2072.3	49312.	5181.3	131.47	3439.3
Stddev	8.1	48.	313.0	10.37	3.6
%RSD	.38939	.09781	6.0414	7.8895	.10357
#1	2066.6	49346.	5402.7	138.81	3436.8
#2	2078.0	49278.	4960.0	124.14	3441.9

Sample Name: S2 Acquired: 9/17/2018 12:09:35 Type: Cal
Method: P4-ICP2(v2435) 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	.09620	.02034	.56939	.14017
Stddev	.00431	.00054	.03287	.00540
%RSD	4.4787	2.6731	5.7725	3.8504

#1	.09316	.01996	.54615	.13635
#2	.09925	.02073	.59263	.14398

Int. Std.	Y_3710
Units	Cts/S
Avg	4785.9
Stddev	233.9
%RSD	4.8875

#1	4951.3
#2	4620.5

Sample Name: S3 Acquired: 9/17/2018 12:13:31 Type: Cal
Method: P4-ICP2(v2435) 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	.16635	.31013	.59947	.22556	.50822	.03631	24.695	.09925
Stddev	.00174	.00421	.00649	.00323	.00757	.00040	.161	.00045
%RSD	1.0455	1.3568	1.0824	1.4334	1.4895	1.0917	.65209	.44993

#1	.16758	.31310	.60405	.22785	.51357	.03603	24.809	.09894
#2	.16512	.30715	.59488	.22327	.50286	.03659	24.582	.09957

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	3.0041	.55142	.06554	1.2378	.48537	3.2802	1.2465	.11787
Stddev	.0488	.00314	.00032	.0165	.00547	.0318	.0024	.00036
%RSD	1.6252	.57017	.48940	1.3326	1.1267	.96836	.19116	.30740

#1	3.0387	.55365	.06577	1.2494	.48923	3.3026	1.2448	.11762
#2	2.9696	.54920	.06532	1.2261	.48150	3.2577	1.2482	.11813

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	.56886	.12269	3.2577	.16860	72.923	.89640	2.3009	.08099
Stddev	.00627	.00045	.0118	.00069	.222	.00405	.0351	.00031
%RSD	1.1029	.36781	.36249	.40722	.30395	.45208	1.5261	.38021

#1	.57329	.12301	3.2660	.16909	73.080	.89926	2.3257	.08121
#2	.56442	.12237	3.2493	.16812	72.767	.89353	2.2760	.08077

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	.08832	.65974	.38856	.71219	.87007	.1852	21.828	725.10
Stddev	.00090	.00611	.00530	.00015	.00139	.0025	.117	4.43
%RSD	1.0219	.92642	1.3638	.02091	.16005	1.366	.53590	.61071

#1	.08896	.66406	.39231	.71230	.86909	.1870	21.910	728.23
#2	.08769	.65542	.38481	.71209	.87106	.1834	21.745	721.97

Sample Name: S3 Acquired: 9/17/2018 12:13:31 Type: Cal
Method: P4-ICP2(v2435) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	60.615
Stddev	.652
%RSD	1.0754

#1	60.154
#2	61.076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.9	48572.	4927.0	121.28	3290.3
Stddev	31.8	83.	43.7	.39	50.7
%RSD	1.5442	.17028	.88767	.32116	1.5414

#1	2039.4	48631.	4896.0	121.01	3254.4
#2	2084.4	48514.	4957.9	121.56	3326.1

Sample Name: S4 Acquired: 9/17/2018 12:17:19 Type: Cal
Method: P4-ICP2(v2435) 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	.32787	.61059	1.1842	.44136	1.0025	.07263	48.625	.19633
Stddev	.00196	.00760	.0137	.00302	.0048	.00058	.116	.00009
%RSD	.59852	1.2445	1.1536	.68459	.47833	.80063	.23924	.04578

#1	.32648	.60522	1.1746	.43923	.99911	.07222	48.707	.19640
#2	.32926	.61597	1.1939	.44350	1.0059	.07305	48.543	.19627

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	5.9834	1.0731	.12768	2.4649	.94523	6.4958	2.4324	.23249
Stddev	.0768	.0035	.00035	.0349	.00687	.0469	.0062	.00119
%RSD	1.2841	.32350	.27644	1.4164	.72632	.72185	.25407	.51349

#1	5.9290	1.0756	.12793	2.4402	.94038	6.5289	2.4367	.23164
#2	6.0377	1.0707	.12743	2.4895	.95009	6.4626	2.4280	.23333

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	1.1362	.24081	6.4016	.33331	142.24	1.7659	4.5141	.16024
Stddev	.0149	.00049	.0029	.00014	1.00	.0066	.0257	.00049
%RSD	1.3093	.20471	.04483	.04150	.70050	.37081	.56984	.30286

#1	1.1256	.24046	6.4036	.33341	142.94	1.7705	4.4960	.16058
#2	1.1467	.24116	6.3996	.33321	141.53	1.7613	4.5323	.15989

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	.17997	1.2477	.77536	1.3884	.98475	.3771	42.916	708.03
Stddev	.00280	.0083	.00929	.0014	.00116	.0055	.090	6.45
%RSD	1.5573	.66410	1.1985	.10051	.11777	1.455	.20975	.91071

#1	.17799	1.2536	.76879	1.3894	.98393	.3732	42.980	712.59
#2	.18195	1.2419	.78193	1.3874	.98557	.3810	42.853	703.47

Sample Name: S4 Acquired: 9/17/2018 12:17:19 Type: Cal
Method: P4-ICP2(v2435) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	35.925
Stddev	4.276
%RSD	11.903

#1	32.901
#2	38.949

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.1	47762.	4919.1	118.49	3153.0
Stddev	4.5	157.	33.4	1.34	25.4
%RSD	.21987	.32777	.67909	1.1302	.80567

#1	2034.3	47652.	4895.4	117.54	3171.0
#2	2027.9	47873.	4942.7	119.44	3135.0

Sample Name: S5 Acquired: 9/17/2018 12:21:05 Type: Cal
Method: P4-ICP2(v2435) 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	.66550	1.2295	2.4292	.88769	2.0277	.14788	97.147	.39500
Stddev	.00097	.0016	.0023	.00359	.0001	.00023	1.052	.00054
%RSD	.14573	.12940	.09464	.40468	.00494	.15486	1.0831	.13745

#1	.66618	1.2306	2.4276	.89023	2.0276	.14804	96.403	.39461
#2	.66481	1.2284	2.4308	.88515	2.0278	.14772	97.891	.39538

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	12.368	2.1307	.25560	5.0963	1.8832	13.411	4.8073	.46824
Stddev	.003	.0092	.00098	.0018	.0014	.245	.0001	.00070
%RSD	.02689	.42943	.38304	.03593	.07553	1.8270	.00239	.15045

#1	12.366	2.1243	.25629	5.0976	1.8842	13.584	4.8074	.46874
#2	12.371	2.1372	.25491	5.0950	1.8822	13.238	4.8072	.46774

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	2.3483	.48585	13.054	.66699	286.63	3.6176	9.0372	.32324
Stddev	.0003	.00023	.041	.00019	4.88	.0127	.0090	.00043
%RSD	.01049	.04837	.31338	.02850	1.7021	.34971	.09957	.13154

#1	2.3482	.48602	13.025	.66712	290.08	3.6086	9.0436	.32294
#2	2.3485	.48569	13.083	.66685	283.18	3.6265	9.0309	.32354

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	.38312	2.4923	1.6096	2.7592	1.9832	.7968	84.901	676.00
Stddev	.00064	.0251	.0020	.0050	.0050	.0009	.962	.63
%RSD	.16635	1.0068	.12279	.18166	.25307	.1176	1.1336	.09366

#1	.38357	2.4745	1.6110	2.7557	1.9796	.7974	84.220	675.55
#2	.38267	2.5100	1.6082	2.7627	1.9867	.7961	85.581	676.45

Sample Name: S5 Acquired: 9/17/2018 12:21:05 Type: Cal
Method: P4-ICP2(v2435) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	16.877
Stddev	9.943
%RSD	58.914

#1	23.907
#2	9.8461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.6	46501.	4828.0	114.12	2931.1
Stddev	4.2	60.	36.3	2.09	3.8
%RSD	.21567	.12987	.75245	1.8282	.12854

#1	1960.6	46458.	4853.7	112.64	2928.4
#2	1966.6	46543.	4802.3	115.59	2933.7

Sample Name: ICV01 Acquired: 9/17/2018 13:09:40 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0371	1.0590	1.0487	F .95217	.98395	2.4201	F .53393
Stddev	.0031	.0001	.0010	.00389	.00100	.0095	.00086
%RSD	.29633	.00900	.10038	.40849	.10199	.39049	.16105

#1	1.0393	1.0590	1.0480	.94942	.98324	2.4268	.53453
#2	1.0350	1.0591	1.0495	.95492	.98466	2.4134	.53332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48336	.49909	10.048	.47229	.48130	.50950	4.8603
Stddev	.00113	.00148	.047	.00026	.00073	.00068	.0446
%RSD	.23419	.29633	.47108	.05481	.15121	.13437	.91843

#1	.48416	.50013	10.014	.47210	.48079	.50902	4.8288
#2	.48256	.49804	10.081	.47247	.48182	.50999	4.8919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49867	6.0894	.48773	.50250	10.142	.47692	1.0311
Stddev	.00125	.0901	.00067	.00235	.006	.00171	.0026
%RSD	.25008	1.4794	.13823	.46683	.06290	.35805	.25003

#1	.49955	6.1531	.48821	.50416	10.147	.47813	1.0293
#2	.49779	6.0257	.48725	.50085	10.138	.47572	1.0329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.320	2.5302	F 2.7093	F -.00559	F 2.6270	2.4297	2.6020
Stddev	.061	.0007	.0001	.00220	.0342	.0054	.0069
%RSD	.59108	.02886	.00322	39.240	1.2998	.22240	.26418

#1	10.277	2.5307	2.7092	-.00715	2.6029	2.4335	2.5972
#2	10.363	2.5296	2.7094	-.00404	2.6511	2.4259	2.6069

Sample Name: ICV01 Acquired: 9/17/2018 13:09:40 Type: Unk
Method: P4-ICP2(v2435) 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 -.01078	F -.0016	F .01179	F 2.2368	F .56968
Stddev	.00022	.0004	.00007	.2239	.51213
%RSD	2.0095	26.22	.59607	10.008	89.898

#1	-.01063	-.0013	.01174	2.3951	.20755
#2	-.01094	-.0019	.01184	2.0785	.93181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.5	47678.	4559.3	115.25	3225.8
Stddev	6.2	222.	21.2	.16	12.4
%RSD	.30901	.46591	.46426	.13736	.38525

#1	2002.1	47521.	4574.2	115.36	3217.0
#2	2010.9	47835.	4544.3	115.14	3234.5

Sample Name: LLICV01 Acquired: 9/17/2018 13:13:31 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01828	.04557	.01391	.01920	.05192	.08087	.11529
Stddev	.00223	.00077	.00100	.00056	.00114	.00028	.00572
%RSD	12.204	1.6830	7.2184	2.9368	2.1872	.34639	4.9587

#1	.01986	.04611	.01320	.01960	.05273	.08067	.11934
#2	.01671	.04502	.01462	.01880	.05112	.08107	.11125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	.00601	2.1245	.00903	.03152	.02153	.10833
Stddev	.00016	.00001	.0518	.00022	.00006	.00032	.00835
%RSD	2.4586	.10830	2.4376	2.4594	.20344	1.5086	7.7101

#1	.00631	.00601	2.1611	.00919	.03157	.02130	.10242
#2	.00653	.00602	2.0879	.00887	.03148	.02176	.11423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02192	2.2011	.04103	.00984	2.0851	.04252	.04493
Stddev	.00002	.0650	.00004	.00016	.1151	.00032	.00279
%RSD	.08967	2.9523	.08817	1.6735	5.5202	.76229	6.2124

#1	.02193	2.2471	.04106	.00972	2.1665	.04275	.04690
#2	.02191	2.1552	.04101	.00996	2.0037	.04229	.04295

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9408	.20590	.10740	F .00940	F .49895	.04045	F .04936
Stddev	.1610	.00012	.00337	.00317	.01426	.00027	.00083
%RSD	8.2966	.06016	3.1364	33.719	2.8574	.66167	1.6796

#1	2.0547	.20581	.10502	.00716	.50903	.04064	.04878
#2	1.8270	.20599	.10978	.01164	.48887	.04026	.04995

Sample Name: LLICV01 Acquired: 9/17/2018 13:13:31 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .17165	.0165	.02223	F 1.2959	F<.00000
Stddev	.01174	.0014	.00099	.2398	.08388
%RSD	6.8398	8.622	4.4393	18.503	4.6057
#1	.17995	.0175	.02293	1.4655	-1.8805
#2	.16334	.0155	.02154	1.1264	-1.7619
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.1	47902.	4434.7	113.79	3347.0
Stddev	4.7	71.	178.8	6.60	14.3
%RSD	.23377	.14828	4.0310	5.7966	.42600
#1	2026.7	47852.	4308.3	109.13	3336.9
#2	2033.4	47953.	4561.1	118.45	3357.1

Sample Name: ICB01 Acquired: 9/17/2018 13:19:42 Type: Unk
Method: P4-ICP2(v2435) 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	.00048	.00236	-.00022	.00102	-.00005	-.03245	-.00055
Stddev	.00141	.00028	.00070	.00021	.00072	.00178	.00055
%RSD	290.73	11.882	323.12	20.629	1325.0	5.4968	98.864

#1	.00148	.00216	-.00072	.00088	-.00056	-.03119	-.00017
#2	-.00051	.00255	.00028	.00117	.00045	-.03371	-.00094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00003	-.04443	-.00020	-.00054	-.00016	.02022
Stddev	.00009	.00004	.01650	.00000	.00007	.00030	.01250
%RSD	103.89	127.33	37.135	.22330	12.634	186.74	61.797

#1	.00015	.00006	-.03277	-.00020	-.00058	.00005	.02906
#2	.00002	.00000	-.05610	-.00020	-.00049	-.00037	.01139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.04121	-.00071	-.00032	-.10882	.00006	-.00053
Stddev	.00006	.05002	.00052	.00006	.00069	.00017	.00011
%RSD	74.360	121.37	73.801	20.015	.63348	272.16	19.802

#1	-.00004	-.00584	-.00108	-.00037	-.10931	.00018	-.00046
#2	-.00013	-.07658	-.00034	-.00027	-.10834	-.00006	-.00061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22697	-.00012	-.00309	-.00815	-.00029	-.00111	.00246
Stddev	.04245	.00026	.00259	.00438	.00314	.00012	.00015
%RSD	18.701	219.91	83.975	53.750	1089.1	10.853	5.9116

#1	-.25699	.00006	-.00492	-.00505	.00193	-.00102	.00236
#2	-.19696	-.00030	-.00125	-.01125	-.00250	-.00119	.00256

Sample Name: ICB01 Acquired: 9/17/2018 13:19:42 Type: Unk
 Method: P4-ICP2(v2435) 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 -.02159	-.0033	-.00066	F 1.6898	F<.00000
Stddev	.00825	.0007	.00001	.8563	.44695
%RSD	38.223	21.23	1.9744	50.675	18.262

#1	-.01575	-.0028	-.00067	2.2953	-2.7634
#2	-.02742	-.0038	-.00065	1.0843	-2.1313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.0	47637.	4899.5	125.60	3360.3
Stddev	.1	689.	562.0	18.05	3.2
%RSD	.00617	1.4454	11.471	14.369	.09575

#1	2023.9	47150.	4502.1	112.84	3362.6
#2	2024.1	48124.	5296.9	138.36	3358.0

Sample Name: CRI01 Acquired: 9/17/2018 13:23:46 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02197	.04820	.01546	.01779	.05915	.08205	.12115
Stddev	.00009	.00141	.00134	.00022	.00201	.00763	.00282
%RSD	.42329	2.9218	8.6842	1.2191	3.3997	9.3045	2.3288

#1	.02204	.04720	.01451	.01764	.05772	.07665	.12314
#2	.02191	.04919	.01640	.01794	.06057	.08745	.11915

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	.00640	2.1795	.01040	.03286	.02229	.12432
Stddev	.00001	.00032	.0308	.00027	.00091	.00046	.00593
%RSD	.09389	4.9851	1.4112	2.5532	2.7806	2.0647	4.7692

#1	.00669	.00618	2.2013	.01021	.03222	.02196	.12013
#2	.00670	.00663	2.1578	.01059	.03351	.02262	.12851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02308	2.3159	.04332	.01087	2.2071	.04453	.04928
Stddev	.00009	.0821	.00125	.00015	.0439	.00034	.00031
%RSD	.40972	3.5435	2.8894	1.3463	1.9877	.75812	.62810

#1	.02315	2.3739	.04244	.01076	2.2381	.04429	.04906
#2	.02301	2.2579	.04421	.01097	2.1760	.04477	.04949

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0652	.21563	.11290	F .00919	.47755	.04106	.05155
Stddev	.0329	.00408	.01707	.00425	.01659	.00129	.00425
%RSD	1.5950	1.8926	15.121	46.294	3.4733	3.1464	8.2479

#1	2.0884	.21274	.10083	.01220	.48928	.04014	.05456
#2	2.0419	.21851	.12498	.00618	.46582	.04197	.04854

Sample Name: CRI01 Acquired: 9/17/2018 13:23:46 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .18576	.0161	.02288	F 1.5242	F<.00000
Stddev	.00272	.0008	.00026	.0674	.32157
%RSD	1.4666	4.924	1.1241	4.4195	11.016

#1	.18383	.0156	.02307	1.5718	-2.6917
#2	.18768	.0167	.02270	1.4765	-3.1465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.2	47978.	4480.4	116.02	3389.6
Stddev	41.9	66.	86.1	.36	83.5
%RSD	2.0388	.13678	1.9221	.31396	2.4629

#1	2084.9	47931.	4419.5	115.77	3448.6
#2	2025.6	48024.	4541.3	116.28	3330.5

Sample Name: ICSA01 Acquired: 9/17/2018 13:27:51 Type: Unk
Method: P4-ICP2(v2435) 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	.00797	-.00575	-.00043	-.00148	-.00063	268.38	.00573	.00069
Stddev	.00929	.00232	.00033	.00419	.00171	1.33	.00004	.00003
%RSD	116.57	40.380	76.483	282.91	270.12	.49730	.64139	4.5088
#1	.00140	-.00411	-.00067	.00148	.00058	267.43	.00571	.00071
#2	.01454	-.00739	-.00020	-.00444	-.00184	269.32	.00576	.00067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00406	242.76	.05805	-.00153	.01263	94.114	.01067	270.81
Stddev	.00029	1.42	.00142	.00032	.00004	.860	.00013	.81
%RSD	7.0404	.58451	2.4546	20.925	.34758	.91326	1.1715	.29974
#1	.00385	241.76	.05704	-.00175	.01266	94.722	.01059	270.24
#2	.00426	243.77	.05906	-.00130	.01260	93.506	.01076	271.39
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	-.00045	-.07799	.00246	.00812	-.30113	.00063	-.00889
Stddev	.00125	.00004	.00185	.00031	.00150	.03397	.00037	.00700
%RSD	46.226	9.1511	2.3780	12.484	18.479	11.281	59.107	78.744
#1	-.00359	-.00042	-.07930	.00225	.00706	-.32515	.00037	-.01384
#2	-.00182	-.00048	-.07668	.00268	.00918	-.27711	.00090	-.00394
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00887	-.00408	.01045	.00292	F .04981	.0027	F .10888	F 5.8968
Stddev	.00588	.00313	.00053	.00090	.01033	.0014	.00025	.5344
%RSD	66.233	76.759	5.0928	31.022	20.737	51.59	.22975	9.0620
#1	.00472	-.00187	.01007	.00228	.04250	.0037	.10906	6.2746
#2	.01303	-.00630	.01082	.00355	.05711	.0017	.10870	5.5189

Sample Name: ICSA01 Acquired: 9/17/2018 13:27:51 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 17.830
Stddev	.256
%RSD	1.4381

#1	17.649
#2	18.012

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.1	42967.	4386.2	107.19	2630.4
Stddev	1.6	204.	18.3	1.38	3.4
%RSD	.08931	.47367	.41680	1.2829	.13004

#1	1839.9	43111.	4399.1	106.22	2632.8
#2	1842.2	42823.	4373.3	108.16	2628.0

Sample Name: ICSAB01 Acquired: 9/17/2018 13:31:58 Type: Unk
Method: P4-ICP2(v2435) 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	.11266	.10437	.05615	.03940	.60792	270.54	.55464	.55439
Stddev	.00157	.00200	.00059	.00300	.00129	.64	.00010	.00100
%RSD	1.3895	1.9131	1.0491	7.6127	.21265	.23502	.01871	.18014
#1	.11155	.10578	.05657	.04152	.60884	270.09	.55457	.55368
#2	.11376	.10296	.05574	.03728	.60701	270.99	.55472	.55509
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0801	244.39	.56118	.50651	.51366	95.519	.52024	272.67
Stddev	.0017	.54	.00133	.00104	.00108	.881	.00155	.27
%RSD	.15356	.22213	.23762	.20596	.20971	.92239	.29744	.09724
#1	1.0789	244.00	.56024	.50725	.51442	94.896	.51914	272.48
#2	1.0812	244.77	.56213	.50577	.51290	96.142	.52133	272.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0216	.16943	-.07465	.51406	1.0567	-.31111	.00327	-.00477
Stddev	.0005	.00049	.00004	.00037	.0144	.00758	.00053	.00689
%RSD	.05322	.29117	.06019	.07209	1.3585	2.4357	16.283	144.43
#1	1.0220	.16977	-.07462	.51380	1.0466	-.30575	.00365	-.00964
#2	1.0212	.16908	-.07468	.51432	1.0669	-.31647	.00290	.00010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01444	.00221	.01071	.00238	F .03877	F .0026	.11041	F 5.1437
Stddev	.00559	.00455	.00279	.00379	.00579	.0017	.00013	.2350
%RSD	38.688	205.90	26.014	159.05	14.927	65.97	.12082	4.5685
#1	.01049	-.00101	.00874	-.00030	.03468	.0014	.11051	4.9776
#2	.01839	.00543	.01268	.00506	.04286	.0038	.11032	5.3099

Sample Name: ICSAB01 Acquired: 9/17/2018 13:31:58 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 16.764
Stddev .197
%RSD 1.1752

#1 16.903
#2 16.624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.6	43351.	4423.8	106.95	2651.3
Stddev	.1	84.	7.9	1.33	.5
%RSD	.00325	.19384	.17963	1.2424	.01759

#1	1848.6	43410.	4429.4	107.89	2651.6
#2	1848.6	43291.	4418.2	106.01	2651.0

Sample Name: CCV01 Acquired: 9/17/2018 13:35:58 Type: Unk
Method: P4-ICP2(v2435) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1285	5.1051	5.2383	4.9192	5.1450	9.9684	F 10.817
Stddev	.0362	.0492	.0647	.0352	.0496	.0080	.005
%RSD	.70686	.96388	1.2347	.71477	.96457	.08004	.04378

#1	5.1029	5.0703	5.1926	4.8944	5.1099	9.9740	10.820
#2	5.1542	5.1399	5.2840	4.9441	5.1801	9.9628	10.814

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25917	2.5501	25.244	.96388	2.5272	F 1.3252	4.7593
Stddev	.00062	.0262	.276	.00625	.0309	.0081	.1611
%RSD	.24013	1.0272	1.0945	.64823	1.2225	.61169	3.3842

#1	.25873	2.5316	25.049	.95946	2.5054	1.3195	4.6454
#2	.25961	2.5687	25.440	.96830	2.5491	1.3309	4.8732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5224	26.136	2.5556	1.2645	26.108	2.5018	2.5514
Stddev	.0073	.329	.0223	.0060	.002	.0048	.0588
%RSD	.29063	1.2569	.87099	.47634	.00795	.19018	2.3059

#1	2.5172	25.904	2.5399	1.2602	26.109	2.4985	2.5098
#2	2.5276	26.369	2.5714	1.2687	26.106	2.5052	2.5930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.630	5.1935	F 5.5020	5.1690	F 5.5729	5.0915	5.1548
Stddev	.034	.0378	.0293	.0283	.0422	.0558	.0228
%RSD	.12901	.72779	.53301	.54676	.75694	1.0961	.44311

#1	26.606	5.1668	5.4812	5.1490	5.5431	5.0520	5.1386
#2	26.654	5.2202	5.5227	5.1890	5.6028	5.1310	5.1709

Sample Name: CCV01 Acquired: 9/17/2018 13:35:58 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7822	4.965	F 5.5005	F 3.9908	F<.00000
Stddev	.0205	.046	.0194	.2443	.74826
%RSD	.42869	.9318	.35230	6.1211	201.07

#1	4.7677	4.932	5.5142	4.1635	-.90124
#2	4.7967	4.998	5.4868	3.8180	.15695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.2	44821.	4352.4	110.86	2869.9
Stddev	10.8	125.	2.5	2.22	20.8
%RSD	.57852	.27985	.05679	2.0045	.72345

#1	1873.8	44732.	4354.2	112.43	2884.5
#2	1858.6	44910.	4350.7	109.29	2855.2

Sample Name: CCB01 Acquired: 9/17/2018 13:39:43 Type: Unk
Method: P4-ICP2(v2435) 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	.00249	.00161	-.00020	.00023	-.00000	-.02693	.00067
Stddev	.00107	.00062	.00008	.00212	.00088	.01674	.00023
%RSD	42.871	38.345	38.640	942.53	29754.	62.137	33.984

#1	.00324	.00117	-.00026	-.00128	-.00062	-.01510	.00051
#2	.00173	.00205	-.00015	.00173	.00062	-.03877	.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00001	-.02697	-.00012	-.00067	.00030	.01180
Stddev	.00004	.00014	.00899	.00040	.00001	.00013	.00052
%RSD	32.892	1325.9	33.343	325.24	1.2688	44.140	4.4082

#1	.00015	.00009	-.02061	-.00041	-.00066	.00040	.01217
#2	.00009	-.00011	-.03332	.00016	-.00067	.00021	.01143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.04999	-.00032	-.00064	-.12626	.00019	-.00046
Stddev	.00005	.03518	.00083	.00069	.00148	.00082	.00009
%RSD	57.468	70.371	258.28	107.20	1.1761	428.73	19.529

#1	-.00006	-.07487	-.00091	-.00113	-.12731	.00077	-.00039
#2	-.00013	-.02512	.00027	-.00015	-.12521	-.00039	-.00052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.35725	-.00007	-.00689	F -.01283	.00565	-.00063	.00414
Stddev	.00688	.00001	.00329	.00404	.00333	.00074	.00120
%RSD	1.9260	16.400	47.707	31.477	58.962	116.83	28.939

#1	-.36212	-.00007	-.00921	-.01568	.00329	-.00115	.00499
#2	-.35239	-.00008	-.00456	-.00997	.00800	-.00011	.00329

Sample Name: CCB01 Acquired: 9/17/2018 13:39:43 Type: Unk
Method: P4-ICP2(v2435) 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 -.01173	-.0019	-.00066	F .65778	F<.00000
Stddev	.00248	.0017	.00003	.51731	.63537
%RSD	21.161	88.20	3.9856	78.645	18.746

#1	-.00998	-.0032	-.00064	1.0236	-3.8387
#2	-.01349	-.0007	-.00067	.29199	-2.9402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.2	48099.	4441.3	115.29	3341.1
Stddev	7.8	114.	4.0	.72	11.1
%RSD	.38709	.23754	.08930	.62357	.33237

#1	2008.7	48019.	4438.5	114.78	3333.3
#2	2019.7	48180.	4444.1	115.79	3349.0

Sample Name: J4873-05DLX10 Acquired: 9/17/2018 13:43:06 Type: Unk
Method: P4-ICP2(v2435) 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	.01091	-.00020	.01648	.00259	-.00203	-.04588	.00673
Stddev	.00348	.00092	.00004	.00215	.00061	.00432	.00014
%RSD	31.932	460.20	.22278	82.797	29.854	9.4059	2.0434

#1	.01338	.00045	.01646	.00411	-.00161	-.04283	.00683
#2	.00845	-.00085	.01651	.00108	-.00246	-.04893	.00663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00035	493.68	.00468	.00027	.00690	6.7555
Stddev	.00008	.00002	1.71	.00007	.00042	.00010	.0882
%RSD	19.354	5.6022	.34566	1.4078	151.24	1.4185	1.3049

#1	.00037	.00033	494.89	.00463	-.00002	.00683	6.8179
#2	.00049	.00036	492.48	.00473	.00057	.00697	6.6932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47300	317.34	.00253	-.00079	.10911	.00300	.02602
Stddev	.00016	1.02	.00041	.00029	.01327	.00022	.00066
%RSD	.03357	.32104	16.120	36.411	12.159	7.4591	2.5561

#1	.47289	318.06	.00224	-.00100	.11849	.00284	.02649
#2	.47311	316.62	.00282	-.00059	.09973	.00316	.02555

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.27549	.00007	.00188	.00910	.15549	.00223	-.00312
Stddev	.00838	.00013	.00270	.00115	.00295	.00000	.00170
%RSD	3.0413	182.06	143.47	12.589	1.8979	.02206	54.667

#1	-.28141	-.00002	-.00003	.00991	.15758	.00223	-.00432
#2	-.26956	.00017	.00380	.00829	.15341	.00223	-.00191

Sample Name: J4873-05DLX10 Acquired: 9/17/2018 13:43:06 Type: Unk
 Method: P4-ICP2(v2435) 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	.12551	.1052	.10829	15.363	F<.00000
Stddev	.00199	.0031	.00014	.230	.44762
%RSD	1.5844	2.922	.12744	1.4992	10.084

#1	.12410	.1030	.10819	15.200	-4.1226
#2	.12691	.1074	.10838	15.525	-4.7556

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.1	42966.	4269.6	102.56	2606.6
Stddev	1.1	73.	28.5	2.60	3.6
%RSD	.06294	.16919	.66690	2.5309	.13764

#1	1770.3	42914.	4249.5	100.73	2604.1
#2	1771.9	43017.	4289.8	104.40	2609.2

Sample Name: PB112900BL Acquired: 9/17/2018 13:47:10 Type: Unk
Method: P4-ICP2(v2435) 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	.00242	.00099	-.00010	.00125	.00103	-.03376	.00094
Stddev	.00270	.00019	.00048	.00054	.00096	.01042	.00060
%RSD	111.44	19.296	474.26	42.907	93.114	30.862	63.943

#1	.00051	.00112	.00024	.00163	.00170	-.02639	.00136
#2	.00433	.00085	-.00044	.00087	.00035	-.04113	.00051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00001	-.02645	-.00008	-.00058	.00059	.01032
Stddev	.00007	.00001	.01935	.00009	.00007	.00044	.01149
%RSD	69.235	166.64	73.179	107.39	12.950	75.068	111.32

#1	.00005	.00001	-.01276	-.00002	-.00063	.00090	.00220
#2	.00015	-.00000	-.04013	-.00014	-.00052	.00027	.01844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.04026	-.00109	-.00059	-.11647	-.00031	-.00057
Stddev	.00001	.00672	.00035	.00012	.00421	.00056	.00002
%RSD	21.487	16.690	32.603	20.329	3.6156	182.08	3.2038

#1	-.00007	-.03551	-.00084	-.00051	-.11945	-.00070	-.00056
#2	-.00005	-.04501	-.00134	-.00068	-.11349	.00009	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.42247	-.00012	-.00575	-.00553	.00558	-.00182	.00261
Stddev	.02874	.00006	.00915	.00505	.00021	.00031	.00028
%RSD	6.8018	47.908	159.08	91.248	3.6948	16.889	10.684

#1	-.44279	-.00016	.00072	-.00196	.00572	-.00160	.00241
#2	-.40215	-.00008	-.01223	-.00910	.00543	-.00204	.00280

Sample Name: PB112900BL Acquired: 9/17/2018 13:47:10 Type: Unk
Method: P4-ICP2(v2435) 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 -.01817	-.0018	-.00074	F .80642	F<.00000
Stddev	.00129	.0006	.00007	.11852	.09892
%RSD	7.1188	32.59	10.057	14.696	2.8071

#1	-.01909	-.0022	-.00069	.89023	-3.5940
#2	-.01726	-.0014	-.00079	.72262	-3.4541

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.6	48065.	4431.6	116.30	3337.0
Stddev	4.9	147.	13.6	1.92	.4
%RSD	.24266	.30595	.30578	1.6517	.01066

#1	2012.1	47961.	4422.0	114.94	3337.3
#2	2019.0	48169.	4441.1	117.66	3336.8

Sample Name: PB112900BS Acquired: 9/17/2018 13:51:17 Type: Unk
Method: P4-ICP2(v2435) 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	.80140	1.9831	1.0070	1.8281	.79661	1.9121	.22718
Stddev	.00615	.0085	.0016	.0026	.00087	.0184	.00013
%RSD	.76766	.42785	.16155	.14266	.10924	.96435	.05799

#1	.79705	1.9771	1.0059	1.8300	.79599	1.9251	.22708
#2	.80575	1.9891	1.0082	1.8263	.79722	1.8991	.22727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19242	.19668	1.0348	.39018	.19097	.32057	2.9018
Stddev	.00010	.00009	.0255	.00019	.00020	.00067	.0163
%RSD	.05128	.04528	2.4601	.04779	.10537	.20775	.56246

#1	.19235	.19675	1.0168	.39005	.19111	.32010	2.9134
#2	.19249	.19662	1.0528	.39031	.19083	.32104	2.8903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20794	2.1752	.48247	.07068	3.1420	.30532	.21077
Stddev	.00017	.0427	.00092	.00053	.0239	.00055	.00007
%RSD	.08413	1.9607	.19074	.75391	.76175	.17912	.03328

#1	.20781	2.1450	.48182	.07030	3.1589	.30571	.21082
#2	.20806	2.2053	.48312	.07106	3.1251	.30493	.21072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.590	.42851	.32796	F -.00689	1.0151	.66299	.21958
Stddev	.002	.00090	.00191	.00196	.0118	.00303	.00086
%RSD	.01552	.20960	.58132	28.469	1.1608	.45726	.38987

#1	10.588	.42787	.32662	-.00550	1.0068	.66514	.22018
#2	10.591	.42914	.32931	-.00828	1.0235	.66085	.21897

Sample Name: PB112900BS Acquired: 9/17/2018 13:51:17 Type: Unk
Method: P4-ICP2(v2435) 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 1.9238	F 4.916	.22490	F 2.0171	F<.00000
Stddev	.0011	.009	.00122	.1039	.01541
%RSD	.05836	.1842	.54235	5.1522	.36528

#1	1.9230	4.922	.22404	2.0906	-4.2293
#2	1.9246	4.909	.22577	1.9436	-4.2075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.7	47184.	4383.7	113.59	3212.3
Stddev	8.0	114.	20.9	.38	10.2
%RSD	.41249	.24132	.47636	.33343	.31633

#1	1933.1	47104.	4398.4	113.32	3205.1
#2	1944.4	47265.	4368.9	113.85	3219.4

Sample Name: PB112910BL Acquired: 9/17/2018 13:55:11 Type: Unk
Method: P4-ICP2(v2435) 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	.00252	.00076	.00022	.00081	-.00087	-.02757	.00162
Stddev	.00357	.00190	.00072	.00007	.00111	.01356	.00026
%RSD	141.81	250.84	330.19	8.2470	127.19	49.171	15.814

#1	.00504	.00210	-.00029	.00077	-.00009	-.01798	.00144
#2	-.00001	-.00059	.00072	.00086	-.00166	-.03716	.00181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00001	-.04212	.00016	-.00072	.00007	.01931
Stddev	.00000	.00002	.00618	.00048	.00003	.00022	.01043
%RSD	2.0159	172.60	14.675	292.44	4.8469	306.67	54.039

#1	.00017	-.00000	-.03775	.00051	-.00074	.00023	.02668
#2	.00018	.00003	-.04649	-.00018	-.00069	-.00008	.01193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.03200	-.00079	-.00030	-.12399	.00003	-.00071
Stddev	.00003	.01630	.00016	.00001	.01160	.00050	.00002
%RSD	24.019	50.946	20.568	5.0045	9.3541	1438.3	2.3766

#1	-.00011	-.02048	-.00068	-.00029	-.11579	-.00032	-.00073
#2	-.00015	-.04353	-.00091	-.00031	-.13219	.00038	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.47017	-.00017	-.00933	F -.01001	.00242	-.00216	.00369
Stddev	.02102	.00008	.00149	.00313	.00314	.00093	.00099
%RSD	4.4712	47.387	15.926	31.284	129.79	42.787	26.868

#1	-.45531	-.00011	-.01039	-.00779	.00464	-.00282	.00440
#2	-.48504	-.00022	-.00828	-.01222	.00020	-.00151	.00299

Sample Name: PB112910BL Acquired: 9/17/2018 13:55:11 Type: Unk
Method: P4-ICP2(v2435) 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	-.00832	-.0015	-.00085	F .83212	F<.00000
Stddev	.01216	.0005	.00010	.11182	.37946
%RSD	146.02	35.58	11.356	13.437	8.9815

#1	.00027	-.0019	-.00092	.75305	-4.4933
#2	-.01692	-.0011	-.00078	.91119	-3.9566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.1	47879.	4376.5	113.78	3319.0
Stddev	1.9	148.	.3	2.64	2.2
%RSD	.09749	.31005	.00712	2.3178	.06691

#1	1997.8	47774.	4376.7	111.92	3317.4
#2	2000.5	47984.	4376.3	115.65	3320.5

Sample Name: PB112910BS Acquired: 9/17/2018 13:59:17 Type: Unk
Method: P4-ICP2(v2435) 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	.79039	1.9640	.99229	1.8094	.78304	1.8810	.22433
Stddev	.00157	.0047	.00090	.0095	.00386	.0183	.00061
%RSD	.19827	.24022	.09044	.52617	.49290	.97462	.27315

#1	.79150	1.9674	.99165	1.8161	.78577	1.8680	.22390
#2	.78928	1.9607	.99292	1.8027	.78031	1.8939	.22476

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18962	.19388	1.0160	.38749	.18861	.31213	2.8654
Stddev	.00055	.00018	.0133	.00106	.00018	.00027	.0304
%RSD	.29077	.09354	1.3115	.27285	.09721	.08591	1.0598

#1	.18923	.19401	1.0065	.38674	.18874	.31232	2.8440
#2	.19001	.19375	1.0254	.38824	.18848	.31194	2.8869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20556	2.0988	.47451	.07027	3.0920	.30109	.20488
Stddev	.00093	.0056	.00132	.00009	.0024	.00191	.00019
%RSD	.45340	.26943	.27713	.12377	.07921	.63316	.09146

#1	.20490	2.1028	.47358	.07021	3.0902	.29975	.20475
#2	.20622	2.0948	.47544	.07033	3.0937	.30244	.20501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.417	.42060	.33154	F -.00994	1.0244	.64698	.21254
Stddev	.021	.00019	.00421	.00178	.0053	.00057	.00247
%RSD	.20170	.04625	1.2707	17.908	.51729	.08783	1.1623

#1	10.402	.42074	.32856	-.01120	1.0281	.64738	.21079
#2	10.432	.42047	.33452	-.00868	1.0206	.64658	.21429

Sample Name: PB112910BS Acquired: 9/17/2018 13:59:17 Type: Unk
Method: P4-ICP2(v2435) 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 1.8879	4.835	.22248	F 1.9592	F<.00000
Stddev	.0125	.009	.00021	.1835	.38628
%RSD	.66334	.1813	.09486	9.3655	7.3478

#1	1.8790	4.841	.22233	1.8295	-4.9840
#2	1.8967	4.829	.22263	2.0890	-5.5303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.2	47238.	4367.7	112.82	3219.5
Stddev	2.8	2.	13.2	.02	4.3
%RSD	.14418	.00401	.30171	.02089	.13465

#1	1937.2	47239.	4358.4	112.83	3216.4
#2	1941.2	47237.	4377.0	112.80	3222.5

Sample Name: PB112910TB Acquired: 9/17/2018 14:03:06 Type: Unk
Method: P4-ICP2(v2435) 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	-.00615	-.00165	.00100	.00282	.00097	-.03687	.00040
Stddev	.00123	.00078	.00212	.00060	.00032	.01130	.00001
%RSD	19.967	46.896	210.98	21.199	32.450	30.664	2.2719

#1	-.00702	-.00111	.00250	.00324	.00120	-.04486	.00040
#2	-.00528	-.00220	-.00049	.00239	.00075	-.02887	.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00003	-.01015	.00073	-.00116	.00111	.01189
Stddev	.00001	.00001	.00556	.00032	.00038	.00027	.00390
%RSD	25.942	26.452	54.779	43.980	33.079	24.096	32.804

#1	-.00003	-.00003	-.00622	.00050	-.00089	.00130	.01465
#2	-.00005	-.00002	-.01408	.00095	-.00143	.00092	.00913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.07914	-.00058	-.00092	F 425.17	.00013	.00486
Stddev	.00000	.02082	.00046	.00017	3.42	.00068	.00005
%RSD	.93184	26.302	80.136	18.796	.80327	518.85	1.0864

#1	.00009	-.06442	-.00025	-.00104	422.76	.00061	.00482
#2	.00009	-.09386	-.00091	-.00080	427.59	-.00035	.00490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.43052	.00008	-.00299	.00008	.01259	.00161	.00526
Stddev	.00198	.00023	.00091	.00253	.00275	.00153	.00144
%RSD	.45947	300.84	30.475	3264.1	21.866	95.420	27.310

#1	-.43192	.00024	-.00363	.00187	.01454	.00269	.00424
#2	-.42912	-.00009	-.00234	-.00171	.01065	.00052	.00627

Sample Name: PB112910TB Acquired: 9/17/2018 14:03:06 Type: Unk
 Method: P4-ICP2(v2435) 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	.00340	-.0030	-.00082	F 3.2408	F<.00000
Stddev	.00418	.0009	.00004	.0631	.12295
%RSD	123.17	29.37	4.9601	1.9458	13.825

#1	.00044	-.0024	-.00079	3.2854	-.97631
#2	.00636	-.0037	-.00085	3.1962	-.80243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.5	43890.	4357.1	111.71	2827.1
Stddev	5.4	42.	3.1	.80	1.5
%RSD	.29414	.09491	.07023	.71933	.05306

#1	1837.6	43860.	4354.9	111.14	2826.0
#2	1845.3	43919.	4359.2	112.27	2828.1

Sample Name: J4933-01 Acquired: 9/17/2018 14:07:15 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.00921	-.00144	.05251	.00155	-.00133	1.7078	.12437	.00037
Stddev	.00066	.00001	.00051	.00042	.00139	.0014	.00069	.00013
%RSD	7.1185	.46916	.96720	26.933	104.88	.08060	.55835	35.012

#1	.00968	-.00144	.05287	.00126	-.00034	1.7088	.12388	.00046
#2	.00875	-.00143	.05215	.00185	-.00232	1.7069	.12486	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	115.00	.00447	.00329	.03803	37.151	.76969	10.903
Stddev	.00007	.02	.00046	.00038	.00046	.266	.00020	.057
%RSD	6.1595	.01632	10.348	11.597	1.2191	.71546	.02581	.52466

#1	.00117	114.98	.00414	.00302	.03835	36.963	.76983	10.944
#2	.00108	115.01	.00480	.00356	.03770	37.339	.76955	10.863

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00981	-.00078	46.484	.00799	.84292	14.638	.00255	.09425
Stddev	.00048	.00008	.024	.00052	.00135	.021	.00037	.00295
%RSD	4.9344	10.458	.05093	6.5258	.16074	.14010	14.436	3.1295

#1	.01016	-.00072	46.501	.00762	.84197	14.652	.00282	.09216
#2	.00947	-.00084	46.467	.00836	.84388	14.623	.00229	.09633

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5496	15.739	-.00135	.08688	.25846	2.000	.41718	1.9533
Stddev	.0123	.032	.00061	.00230	.01381	.002	.00008	.1912
%RSD	.34653	.20565	45.297	2.6492	5.3418	.0980	.02003	9.7907

#1	3.5583	15.762	-.00092	.08525	.26822	2.001	.41712	2.0886
#2	3.5409	15.716	-.00179	.08851	.24870	1.998	.41723	1.8181

Sample Name: J4933-01 Acquired: 9/17/2018 14:07:15 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.157
Stddev .322
%RSD 3.1657

#1 9.9300
#2 10.385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.4	48266.	4692.5	117.71	3098.4
Stddev	.5	113.	26.3	.10	6.4
%RSD	.02508	.23511	.56103	.08780	.20555

#1	1984.8	48186.	4673.9	117.78	3102.9
#2	1984.0	48347.	4711.1	117.63	3093.9

Sample Name: J4933-02 Acquired: 9/17/2018 14:11:13 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00679	-.00243	.05593	-.00136	-.00059	1.6795	.12826	.00038
Stddev	.00109	.00095	.00039	.00308	.00006	.0068	.00103	.00010
%RSD	16.056	39.320	.70394	226.65	10.889	.40593	.80271	27.331

#1	.00756	-.00175	.05565	-.00353	-.00064	1.6747	.12753	.00031
#2	.00602	-.00310	.05621	.00082	-.00055	1.6843	.12898	.00045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	117.40	.00577	.00348	.04681	37.486	.79370	11.179
Stddev	.00004	1.10	.00016	.00006	.00007	.192	.00017	.010
%RSD	3.5900	.93505	2.7686	1.5973	.14020	.51225	.02187	.08704

#1	.00113	116.62	.00589	.00352	.04677	37.621	.79358	11.172
#2	.00108	118.17	.00566	.00344	.04686	37.350	.79382	11.186

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01245	-.00023	47.510	.00831	.87793	14.921	.00314	.08493
Stddev	.00026	.00026	.356	.00024	.00603	.026	.00038	.00809
%RSD	2.0686	111.74	.74847	2.9358	.68664	.17163	11.989	9.5312

#1	.01226	-.00041	47.259	.00848	.88219	14.903	.00340	.09065
#2	.01263	-.00005	47.762	.00813	.87366	14.939	.00287	.07920

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6962	15.586	.00079	.07923	.26549	2.105	.42378	1.4920
Stddev	.0039	.146	.00045	.00142	.00363	.004	.00255	.1619
%RSD	.10531	.93735	57.617	1.7973	1.3690	.2113	.60129	10.853

#1	3.6989	15.483	.00047	.08024	.26292	2.109	.42198	1.3775
#2	3.6934	15.689	.00111	.07823	.26806	2.102	.42559	1.6065

Sample Name: J4933-02 Acquired: 9/17/2018 14:11:13 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.156
Stddev .480
%RSD 4.7297

#1 9.8162
#2 10.496

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.4	47892.	4681.3	119.81	3068.1
Stddev	5.0	181.	43.5	.91	4.2
%RSD	.25194	.37768	.92907	.76205	.13740

#1	1970.9	48020.	4712.1	119.16	3071.0
#2	1963.9	47764.	4650.6	120.45	3065.1

Sample Name: J4773-02 Acquired: 9/17/2018 14:15:10 Type: Unk
Method: P4-ICP2(v2435) 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	.00275	-.00322	.01384	.00118	-.00284	.05681	.15581
Stddev	.00334	.00072	.00086	.00101	.00124	.00641	.00003
%RSD	121.28	22.369	6.1782	85.910	43.450	11.274	.02027

#1	.00039	-.00271	.01445	.00046	-.00197	.06134	.15579
#2	.00511	-.00373	.01324	.00189	-.00372	.05228	.15583

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00042	25.517	.00693	.00546	.00850	.57979
Stddev	.00000	.00007	.049	.00006	.00006	.00008	.00519
%RSD	.73249	17.173	.19059	.80460	1.1888	.88953	.89490

#1	.00021	.00037	25.482	.00697	.00551	.00844	.57612
#2	.00021	.00047	25.551	.00689	.00542	.00855	.58346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0401	2.2143	.00647	-.00058	378.45	-.00163	.04915
Stddev	.0017	.0811	.00032	.00010	4.45	.00069	.00012
%RSD	.15834	3.6608	4.9274	18.097	1.1766	42.650	.25257

#1	1.0390	2.1570	.00624	-.00050	381.60	-.00212	.04923
#2	1.0413	2.2716	.00669	-.00065	375.30	-.00114	.04906

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59393	.00047	.00771	.37980	.90661	.00138	.00316
Stddev	.03160	.00011	.00639	.00005	.00537	.00120	.00158
%RSD	5.3204	22.340	82.948	.01413	.59265	87.477	49.960

#1	.61628	.00055	.01222	.37984	.90281	.00053	.00428
#2	.57159	.00040	.00319	.37976	.91041	.00223	.00204

Sample Name: J4773-02 Acquired: 9/17/2018 14:15:10 Type: Unk
Method: P4-ICP2(v2435) 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	.01066	.0023	.09034	4.1291	F<.00000
Stddev	.00993	.0008	.00027	.4890	.92110
%RSD	93.144	36.51	.29829	11.843	40.801

#1	.01768	.0029	.09015	4.4749	-1.6062
#2	.00364	.0017	.09053	3.7833	-2.9089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.1	44152.	4386.5	109.68	2767.1
Stddev	.0	152.	6.1	.58	1.4
%RSD	.00048	.34368	.13871	.52893	.05016

#1	1819.1	44045.	4382.2	109.27	2768.1
#2	1819.1	44260.	4390.8	110.09	2766.1

Sample Name: J4773-02DUP Acquired: 9/17/2018 14:19:17 Type: Unk
Method: P4-ICP2(v2435) 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	-.00308	-.00289	.01371	.00553	-.00112	.04183	.15706
Stddev	.00363	.00143	.00062	.00355	.00102	.00772	.00038
%RSD	117.88	49.555	4.5282	64.151	91.631	18.445	.24398

#1	-.00565	-.00188	.01415	.00302	-.00184	.04729	.15733
#2	-.00051	-.00390	.01327	.00804	-.00039	.03638	.15679

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00033	25.680	.00597	.00566	.00816	.57575
Stddev	.00001	.00006	.035	.00038	.00077	.00086	.00657
%RSD	4.9395	17.242	.13466	6.4251	13.543	10.476	1.1420

#1	.00021	.00029	25.705	.00570	.00621	.00756	.58040
#2	.00019	.00037	25.656	.00624	.00512	.00877	.57110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0346	2.2392	.00544	-.00025	382.91	-.00140	.04831
Stddev	.0017	.0316	.00060	.00065	.41	.00041	.00039
%RSD	.16709	1.4104	11.032	265.68	.10687	29.217	.79850

#1	1.0334	2.2169	.00586	.00022	382.62	-.00111	.04858
#2	1.0359	2.2616	.00501	-.00071	383.20	-.00169	.04804

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56338	.00062	.00780	.37479	.91479	.00095	.00339
Stddev	.02027	.00003	.01562	.00437	.00128	.00035	.00176
%RSD	3.5987	5.3234	200.24	1.1668	.13965	36.298	52.041

#1	.54904	.00060	.01884	.37170	.91570	.00120	.00214
#2	.57771	.00064	-.00324	.37788	.91389	.00071	.00464

Sample Name: J4773-02DUP Acquired: 9/17/2018 14:19:17 Type: Unk
Method: P4-ICP2(v2435) 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	.01856	.0026	.09152	3.8346	F<.00000
Stddev	.00472	.0039	.00019	.3465	.00203
%RSD	25.441	150.5	.20413	9.0361	.06515

#1	.01522	-.0002	.09139	3.5896	-3.1211
#2	.02190	.0053	.09166	4.0796	-3.1182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.9	44517.	4356.1	111.77	2805.1
Stddev	2.3	65.	.8	.91	.4
%RSD	.12264	.14625	.01734	.81765	.01266

#1	1839.3	44471.	4355.5	111.12	2805.3
#2	1842.5	44563.	4356.6	112.42	2804.8

Sample Name: CCV02 Acquired: 9/17/2018 14:23:25 Type: Unk
Method: P4-ICP2(v2435) 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	4.8147	4.7600	4.8845	4.5921	4.8616	9.3006	10.570
Stddev	.0101	.0166	.0050	.0042	.0062	.0456	.022
%RSD	.20895	.34785	.10140	.09056	.12693	.48995	.20717

#1	4.8076	4.7483	4.8810	4.5951	4.8660	9.3329	10.585
#2	4.8218	4.7717	4.8880	4.5892	4.8573	9.2684	10.554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24339	2.4105	24.461	.91559	2.3596	1.2451	4.5863
Stddev	.00027	.0016	.126	.00133	.0008	.0003	.0584
%RSD	.11060	.06697	.51627	.14576	.03175	.02006	1.2731

#1	.24320	2.4117	24.371	.91654	2.3601	1.2450	4.5450
#2	.24358	2.4094	24.550	.91465	2.3590	1.2453	4.6276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3932	25.660	2.3880	1.2021	25.736	2.3485	2.4881
Stddev	.0027	.065	.0010	.0028	.093	.0049	.0217
%RSD	.11439	.25383	.04203	.23429	.36162	.20921	.87278

#1	2.3951	25.614	2.3872	1.2002	25.802	2.3519	2.4727
#2	2.3913	25.706	2.3887	1.2041	25.670	2.3450	2.5034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.576	4.8981	5.4042	4.8137	F 5.5168	4.7588	4.9893
Stddev	.068	.0047	.0092	.0057	.0073	.0098	.0134
%RSD	.26641	.09654	.17043	.11853	.13192	.20622	.26766

#1	25.625	4.9014	5.3977	4.8096	5.5220	4.7519	4.9987
#2	25.528	4.8948	5.4107	4.8177	5.5117	4.7658	4.9799

Sample Name: CCV02 Acquired: 9/17/2018 14:23:25 Type: Unk
Method: P4-ICP2(v2435) 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	4.7690	4.606	5.3986	F 2.5386	F<.00000
Stddev	.0151	.008	.0160	.2418	.30367
%RSD	.31666	.1665	.29699	9.5249	8.3269
#1	4.7584	4.601	5.4099	2.7096	-3.4321
#2	4.7797	4.611	5.3873	2.3676	-3.8616
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.4	46967.	4353.9	111.47	3016.2
Stddev	6.1	32.	.7	.81	6.2
%RSD	.31217	.06812	.01538	.72814	.20435
#1	1941.1	46944.	4353.4	112.04	3011.8
#2	1949.7	46989.	4354.4	110.89	3020.5

Sample Name: CCB02 Acquired: 9/17/2018 14:27:10 Type: Unk
Method: P4-ICP2(v2435) 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	.00255	.00084	-.00069	.00068	.00043	-.03642	.00092
Stddev	.00325	.00052	.00071	.00041	.00028	.01195	.00013
%RSD	127.71	61.673	102.99	59.678	65.186	32.796	14.183

#1	.00025	.00048	-.00019	.00040	.00063	-.04487	.00083
#2	.00484	.00121	-.00120	.00097	.00023	-.02798	.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00002	-.02867	-.00025	-.00083	.00115	.01327
Stddev	.00014	.00000	.00876	.00008	.00006	.00005	.00879
%RSD	137.90	17.279	30.543	31.928	7.7890	4.2149	66.219

#1	.00021	.00002	-.03487	-.00031	-.00088	.00112	.01948
#2	.00000	.00002	-.02248	-.00020	-.00078	.00119	.00706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00944	-.00018	-.00014	-.05959	-.00018	-.00060
Stddev	.00002	.00307	.00010	.00037	.00275	.00025	.00003
%RSD	32.313	32.475	59.791	271.16	4.6085	139.83	5.5422

#1	-.00008	-.00727	-.00010	-.00040	-.05765	-.00035	-.00063
#2	-.00005	-.01161	-.00025	.00012	-.06153	-.00000	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.62830	.00019	.00043	-.00941	.00952	-.00083	.00538
Stddev	.02494	.00021	.00767	.00029	.00131	.00043	.00214
%RSD	3.9689	108.54	1782.9	3.0813	13.757	52.173	39.785

#1	-.64593	.00004	-.00499	-.00920	.00859	-.00114	.00689
#2	-.61067	.00034	.00585	-.00961	.01045	-.00053	.00386

Sample Name: CCB02 Acquired: 9/17/2018 14:27:10 Type: Unk
 Method: P4-ICP2(v2435) 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	-.00077	-.0016	-.00092	F<.00000	F<.00000
Stddev	.00302	.0011	.00010	1.5826	.12245
%RSD	389.93	72.34	10.725	436.98	2.3587

#1	-.00291	-.0024	-.00085	.75688	-5.1048
#2	.00136	-.0008	-.00099	-1.4812	-5.2780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.1	49668.	4363.3	116.03	3362.5
Stddev	9.8	1837.	7.4	.85	19.8
%RSD	.48581	3.6977	.16964	.73546	.58747

#1	2019.0	48369.	4358.1	116.63	3376.5
#2	2005.1	50967.	4368.6	115.43	3348.5

Sample Name: J4773-02LX5 Acquired: 9/17/2018 14:31:15 Type: Unk
Method: P4-ICP2(v2435) 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	-.00009	.00214	.00144	-.00255	-.01888	.03156
Stddev	.00273	.00112	.00008	.00084	.00118	.00241	.00120
%RSD	2036.2	1279.0	3.9215	58.147	46.319	12.739	3.8081

#1	.00206	-.00088	.00219	.00085	-.00172	-.01718	.03241
#2	-.00179	.00070	.00208	.00203	-.00339	-.02058	.03071

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00011	5.1606	.01261	.00058	.00300	.16604
Stddev	.00001	.00002	.0772	.00005	.00009	.00033	.00188
%RSD	4.4306	20.387	1.4960	.43261	14.912	11.131	1.1330

#1	.00014	.00013	5.2152	.01257	.00064	.00276	.16471
#2	.00015	.00009	5.1060	.01265	.00052	.00323	.16737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21324	.42814	.00766	-.00026	76.606	-.00064	.01006
Stddev	.00013	.02557	.00041	.00037	.987	.00053	.00017
%RSD	.06061	5.9717	5.3925	142.96	1.2882	81.985	1.6571

#1	.21315	.44622	.00796	-.00052	77.303	-.00027	.00994
#2	.21333	.41006	.00737	.00000	75.908	-.00101	.01018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.42070	.00141	-.00491	.06595	.19637	-.00091	.00289
Stddev	.00991	.00001	.00438	.00619	.00348	.00065	.00168
%RSD	2.3567	.61177	89.161	9.3924	1.7708	71.584	58.070

#1	-.41369	.00140	-.00800	.06157	.19883	-.00136	.00170
#2	-.42771	.00141	-.00181	.07033	.19391	-.00045	.00407

Sample Name: J4773-02LX5 Acquired: 9/17/2018 14:31:15 Type: Unk
 Method: P4-ICP2(v2435) 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	-.00958	-.0004	.01745	1.8028	F<.00000
Stddev	.00471	.0009	.00039	.0683	.15591
%RSD	49.168	195.3	2.2287	3.7861	3.4086

#1	-.00625	-.0010	.01772	1.7545	-4.4637
#2	-.01292	.0002	.01717	1.8510	-4.6842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.3	47040.	4423.1	115.23	3076.8
Stddev	7.3	204.	55.7	.22	8.6
%RSD	.37941	.43366	1.2582	.19125	.27945

#1	1926.2	46896.	4383.7	115.39	3070.7
#2	1936.5	47184.	4462.4	115.08	3082.9

Sample Name: J4773-02MS Acquired: 9/17/2018 14:35:20 Type: Unk
Method: P4-ICP2(v2435) 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	.87578	2.0170	1.0794	2.0496	.82650	2.1097	.38066
Stddev	.00144	.0035	.0023	.0009	.00137	.0096	.00009
%RSD	.16441	.17470	.21210	.04526	.16602	.45505	.02410

#1	.87477	2.0195	1.0778	2.0489	.82747	2.1165	.38072
#2	.87680	2.0145	1.0810	2.0502	.82553	2.1029	.38059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21069	.21865	26.144	.41542	.20917	.31963	3.5580
Stddev	.00072	.00017	.075	.00146	.00028	.00279	.0188
%RSD	.34089	.07750	.28761	.35179	.13598	.87396	.52891

#1	.21018	.21853	26.091	.41438	.20937	.32160	3.5447
#2	.21120	.21877	26.197	.41645	.20897	.31765	3.5713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2082	4.3759	.52898	.07540	375.31	.31092	.25217
Stddev	.0015	.0076	.00126	.00043	1.67	.00025	.00026
%RSD	.12242	.17258	.23865	.56671	.44498	.08023	.10451

#1	1.2071	4.3812	.52808	.07510	376.49	.31110	.25236
#2	1.2092	4.3705	.52987	.07570	374.13	.31075	.25199

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.079	.42999	.35179	.36272	1.9200	.71840	.22046
Stddev	.032	.00215	.00844	.00667	.0062	.00044	.00143
%RSD	.26212	.50005	2.4001	1.8383	.32088	.06096	.64961

#1	12.057	.43151	.34582	.36743	1.9156	.71809	.22147
#2	12.102	.42847	.35776	.35800	1.9244	.71871	.21944

Sample Name: J4773-02MS Acquired: 9/17/2018 14:35:20 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9950	5.979	.31230	3.3668	F<.00000
Stddev	.0204	.010	.00038	.0908	.39120
%RSD	1.0222	.1615	.12296	2.6970	10.568

#1	1.9806	5.986	.31258	3.4310	-3.9783
#2	2.0094	5.972	.31203	3.3025	-3.4251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.1	45086.	4385.5	113.70	2808.2
Stddev	1.9	59.	5.7	.15	2.0
%RSD	.10348	.13046	.13078	.13477	.07249

#1	1845.8	45045.	4381.4	113.59	2806.8
#2	1848.5	45128.	4389.5	113.80	2809.7

Sample Name: J4773-02MSD Acquired: 9/17/2018 14:39:18 Type: Unk
Method: P4-ICP2(v2435) 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	.88353	2.0393	1.0882	2.0738	.83745	2.1385	.38517
Stddev	.00470	.0013	.0015	.0057	.00154	.0155	.00070
%RSD	.53225	.06108	.13692	.27628	.18404	.72454	.18285

#1	.88686	2.0402	1.0872	2.0697	.83636	2.1275	.38567
#2	.88020	2.0384	1.0893	2.0778	.83854	2.1494	.38467

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21219	.22097	26.692	.42037	.21162	.32326	3.6846
Stddev	.00010	.00030	.042	.00023	.00037	.00018	.0163
%RSD	.04626	.13641	.15695	.05439	.17535	.05648	.44355

#1	.21226	.22076	26.662	.42021	.21135	.32313	3.6731
#2	.21212	.22119	26.721	.42053	.21188	.32339	3.6962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2194	4.4118	.53531	.07620	382.94	.31502	.26011
Stddev	.0011	.0039	.00082	.00047	.20	.00265	.00144
%RSD	.08849	.08843	.15395	.61537	.05252	.84009	.55339

#1	1.2186	4.4146	.53473	.07653	382.79	.31689	.25910
#2	1.2201	4.4091	.53590	.07587	383.08	.31315	.26113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.209	.43560	.35312	.37554	1.9609	.72728	.22227
Stddev	.006	.00038	.01453	.00268	.0021	.00369	.00138
%RSD	.04902	.08766	4.1143	.71465	.10924	.50798	.62287

#1	12.213	.43587	.34285	.37365	1.9625	.72467	.22129
#2	12.205	.43533	.36339	.37744	1.9594	.72989	.22325

Sample Name: J4773-02MSD Acquired: 9/17/2018 14:39:18 Type: Unk
 Method: P4-ICP2(v2435) 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	2.0282	6.062	.31725	4.1747	F<.00000
Stddev	.0103	.012	.00006	.0480	.64870
%RSD	.50926	.1978	.02033	1.1507	15.953

#1	2.0355	6.054	.31729	4.1408	-3.6077
#2	2.0209	6.071	.31720	4.2087	-4.5251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.1	44752.	4316.2	110.16	2775.6
Stddev	3.6	18.	15.9	.50	1.3
%RSD	.19522	.04068	.36750	.45630	.04695

#1	1823.6	44765.	4327.5	110.51	2774.7
#2	1828.6	44739.	4305.0	109.80	2776.5

Sample Name: J4773-02A Acquired: 9/17/2018 14:43:16 Type: Unk
Method: P4-ICP2(v2435) 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	.87432	2.0123	1.0771	2.0451	.82674	2.0988	.37929
Stddev	.00022	.0033	.0077	.0018	.00025	.0010	.00221
%RSD	.02488	.16568	.71897	.08644	.03080	.04707	.58322

#1	.87447	2.0099	1.0826	2.0438	.82692	2.0981	.37773
#2	.87416	2.0146	1.0716	2.0463	.82656	2.0995	.38086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20917	.21904	26.322	.41152	.20945	.31893	3.5812
Stddev	.00095	.00020	.181	.00295	.00038	.00167	.0412
%RSD	.45369	.08972	.68756	.71584	.18253	.52412	1.1509

#1	.20984	.21918	26.194	.40944	.20972	.32011	3.5520
#2	.20850	.21890	26.450	.41361	.20918	.31775	3.6103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2027	4.3679	.52775	.07469	377.10	.31121	.25226
Stddev	.0006	.0262	.00116	.00015	.18	.00110	.00200
%RSD	.04995	.59980	.21975	.19918	.04747	.35264	.79151

#1	1.2031	4.3494	.52693	.07458	376.97	.31043	.25085
#2	1.2022	4.3864	.52857	.07479	377.22	.31199	.25368

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.067	.42915	.35660	.36066	1.9417	.71819	.22051
Stddev	.034	.00057	.00326	.00274	.0042	.00240	.00029
%RSD	.28336	.13329	.91321	.76083	.21693	.33373	.13283

#1	12.043	.42956	.35429	.36260	1.9387	.71988	.22071
#2	12.091	.42875	.35890	.35872	1.9447	.71650	.22030

Sample Name: J4773-02A Acquired: 9/17/2018 14:43:16 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9873	5.987	.31229	3.5922	F<.00000
Stddev	.0369	.001	.00188	.0428	.15906
%RSD	1.8547	.0161	.60327	1.1921	4.0767

#1	1.9612	5.988	.31095	3.5620	-4.0141
#2	2.0133	5.987	.31362	3.6225	-3.7892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.3	45262.	4373.8	113.18	2802.7
Stddev	1.1	43.	10.0	.97	1.9
%RSD	.05712	.09396	.22852	.85278	.06640

#1	1843.5	45232.	4380.9	113.86	2804.1
#2	1845.0	45292.	4366.7	112.50	2801.4

Sample Name: PB112911BL Acquired: 9/17/2018 14:47:15 Type: Unk
Method: P4-ICP2(v2435) 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	.00133	-.00016	-.00195	-.00009	-.00121	-.03559	-.00032
Stddev	.00180	.00022	.00117	.00180	.00031	.01626	.00036
%RSD	135.01	137.90	59.838	2069.3	25.530	45.686	112.96

#1	.00260	-.00000	-.00112	.00118	-.00142	-.04709	-.00058
#2	.00006	-.00032	-.00277	-.00136	-.00099	-.02409	-.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00001	-.01780	.00028	-.00095	.00081	.01468
Stddev	.00006	.00004	.00818	.00042	.00001	.00001	.00725
%RSD	46.997	303.52	45.931	148.96	1.3399	1.2464	49.386

#1	.00017	-.00001	-.02358	-.00002	-.00094	.00082	.00956
#2	.00008	.00004	-.01202	.00058	-.00096	.00080	.01981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.02100	.00054	-.00009	-.00513	-.00016	-.00067
Stddev	.00003	.00901	.00025	.00067	.00058	.00009	.00008
%RSD	62.031	42.931	46.748	733.50	11.241	57.786	11.388

#1	-.00003	-.02737	.00072	-.00056	-.00473	-.00022	-.00062
#2	-.00006	-.01462	.00036	.00038	-.00554	-.00009	-.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.64553	-.00018	-.01351	-.00900	.01161	-.00195	.00410
Stddev	.00732	.00015	.00045	.00261	.00093	.00039	.00052
%RSD	1.1332	81.403	3.3507	28.957	8.0375	19.952	12.760

#1	-.64036	-.00008	-.01319	-.01084	.01227	-.00223	.00373
#2	-.65070	-.00028	-.01383	-.00716	.01095	-.00168	.00447

Sample Name: PB112911BL Acquired: 9/17/2018 14:47:15 Type: Unk
Method: P4-ICP2(v2435) 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 .01224	-.0008	-.00097	F .44627	F<.00000
Stddev	.01434	.0021	.00012	.64250	.00868
%RSD	117.19	258.4	12.265	143.97	.16626

#1	.00210	.0007	-.00106	.90059	-5.2288
#2	.02238	-.0023	-.00089	-.00804	-5.2165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.8	48863.	4363.1	113.77	3325.0
Stddev	7.6	276.	10.3	1.04	20.0
%RSD	.38101	.56565	.23654	.91348	.60245

#1	1981.4	48667.	4370.4	114.50	3310.8
#2	1992.1	49058.	4355.8	113.03	3339.2

Sample Name: PB112911BS Acquired: 9/17/2018 14:51:21 Type: Unk
Method: P4-ICP2(v2435) 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	.80849	1.9850	1.0063	1.8460	.80806	1.8949	.22918
Stddev	.00413	.0102	.0034	.0058	.00114	.0001	.00100
%RSD	.51088	.51375	.34244	.31244	.14055	.00422	.43419

#1	.81141	1.9778	1.0039	1.8500	.80726	1.8950	.22989
#2	.80557	1.9922	1.0087	1.8419	.80887	1.8949	.22848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19074	.19762	1.0585	.39185	.19179	.32259	2.9266
Stddev	.00118	.00017	.0298	.00365	.00024	.00000	.0277
%RSD	.62052	.08808	2.8158	.93231	.12512	.00026	.94547

#1	.18990	.19750	1.0375	.38927	.19162	.32259	2.9462
#2	.19158	.19775	1.0796	.39443	.19196	.32259	2.9070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20673	2.2571	.48354	.07128	3.2760	.30823	.21019
Stddev	.00163	.0158	.00005	.00057	.0041	.00216	.00156
%RSD	.78652	.69767	.01017	.79629	.12481	.70169	.74403

#1	.20558	2.2459	.48350	.07088	3.2731	.30670	.21129
#2	.20788	2.2682	.48357	.07169	3.2789	.30976	.20908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.535	.43214	.32876	F -.01007	1.0587	.65840	.22158
Stddev	.068	.00032	.01764	.00286	.0095	.00175	.00286
%RSD	.64201	.07342	5.3649	28.377	.89341	.26551	1.2904

#1	10.583	.43192	.31629	-.01209	1.0654	.65963	.22360
#2	10.487	.43236	.34123	-.00805	1.0520	.65716	.21956

Sample Name: PB112911BS Acquired: 9/17/2018 14:51:21 Type: Unk
Method: P4-ICP2(v2435) 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 1.9476	4.913	.22950	F 1.6149	F<.00000
Stddev	.0017	.001	.00193	.1351	.37838
%RSD	.08599	.0148	.83993	8.3666	6.1487

#1	1.9464	4.913	.23086	1.5194	-5.8863
#2	1.9487	4.914	.22814	1.7105	-6.4214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.6	47197.	4227.7	111.24	3164.9
Stddev	5.6	246.	42.4	.88	6.5
%RSD	.29475	.52117	1.0020	.78976	.20628

#1	1888.6	47371.	4197.8	110.62	3160.3
#2	1896.5	47023.	4257.7	111.86	3169.5

Sample Name: J4773-04 Acquired: 9/17/2018 14:55:13 Type: Unk
Method: P4-ICP2(v2435) 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	.00206	-.00262	.01141	.00074	.00104	.05080	.17243
Stddev	.00159	.00104	.00037	.00153	.00167	.00255	.00025
%RSD	77.149	39.562	3.2524	206.91	160.97	5.0139	.14459

#1	.00093	-.00188	.01167	.00183	-.00014	.04900	.17261
#2	.00318	-.00335	.01114	-.00034	.00222	.05260	.17225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00028	19.800	-.00002	.00565	.01072	.53549
Stddev	.00007	.00004	.049	.00045	.00017	.00017	.01081
%RSD	60.210	15.735	.24842	2245.6	2.9273	1.5478	2.0190

#1	.00006	.00025	19.765	.00030	.00577	.01060	.52785
#2	.00015	.00031	19.834	-.00034	.00553	.01084	.54314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93799	2.0274	.00134	.00025	410.74	-.00130	.04983
Stddev	.00053	.0917	.00012	.00020	3.70	.00002	.00031
%RSD	.05608	4.5247	8.9839	80.626	.90201	1.1580	.62438

#1	.93836	1.9626	.00143	.00039	413.36	-.00131	.05005
#2	.93761	2.0923	.00126	.00011	408.12	-.00128	.04961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76008	-.00012	.00411	.22895	.74110	.00351	.00250
Stddev	.02216	.00013	.00641	.00640	.00304	.00127	.00047
%RSD	2.9156	112.97	156.02	2.7967	.41029	36.111	18.627

#1	.74441	-.00021	.00864	.23348	.74325	.00261	.00283
#2	.77575	-.00002	-.00042	.22442	.73895	.00440	.00217

Sample Name: J4773-04 Acquired: 9/17/2018 14:55:13 Type: Unk
 Method: P4-ICP2(v2435) 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	.01555	.0093	.07877	3.4593	F<.00000
Stddev	.01273	.0021	.00027	.1735	.17061
%RSD	81.864	22.55	.34706	5.0164	5.9180

#1	.00655	.0108	.07858	3.5820	-2.7622
#2	.02456	.0078	.07896	3.3366	-3.0035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.5	44393.	4273.9	109.33	2791.7
Stddev	13.2	198.	39.9	.54	20.7
%RSD	.72695	.44515	.93402	.49387	.74071

#1	1801.2	44253.	4245.7	108.95	2777.0
#2	1819.8	44533.	4302.1	109.72	2806.3

Sample Name: J4773-06 Acquired: 9/17/2018 14:59:20 Type: Unk
Method: P4-ICP2(v2435) 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	-.00187	-.00410	.00875	.00854	-.00111	.04816	.26340
Stddev	.00380	.00118	.00107	.00010	.00378	.00345	.00051
%RSD	202.95	28.654	12.265	1.1358	340.43	7.1722	.19497

#1	.00081	-.00493	.00799	.00847	.00156	.04572	.26377
#2	-.00455	-.00327	.00951	.00861	-.00378	.05060	.26304

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00020	41.569	-.00021	.00540	.00894	.27136
Stddev	.00006	.00004	.098	.00023	.00024	.00072	.00514
%RSD	67.967	20.646	.23622	109.72	4.3792	8.0862	1.8945

#1	.00004	.00023	41.499	-.00005	.00524	.00843	.27500
#2	.00013	.00017	41.638	-.00038	.00557	.00945	.26773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2387	3.1767	.00283	.00061	416.76	-.00114	.07947
Stddev	.0031	.0390	.00021	.00026	3.56	.00039	.00087
%RSD	.25122	1.2269	7.5750	42.546	.85438	33.990	1.0970

#1	1.2365	3.1491	.00268	.00043	414.24	-.00087	.07886
#2	1.2409	3.2043	.00298	.00079	419.28	-.00141	.08009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70040	.00015	.02864	.63060	2.0689	.00242	.00247
Stddev	.02508	.00012	.00056	.00188	.0070	.00041	.00143
%RSD	3.5809	81.374	1.9392	.29797	.33822	16.801	57.859

#1	.68267	.00007	.02904	.62927	2.0738	.00214	.00349
#2	.71814	.00024	.02825	.63192	2.0639	.00271	.00146

Sample Name: J4773-06 Acquired: 9/17/2018 14:59:20 Type: Unk
 Method: P4-ICP2(v2435) 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	.03300	.0040	.16777	4.7834	F<.00000
Stddev	.00093	.0005	.00063	.1246	.73833
%RSD	2.8129	13.05	.37341	2.6050	31.280

#1	.03366	.0043	.16821	4.6953	-2.8825
#2	.03235	.0036	.16733	4.8715	-1.8383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.7	43694.	4285.8	108.87	2723.4
Stddev	6.5	40.	.7	.73	17.0
%RSD	.36634	.09138	.01747	.67115	.62326

#1	1771.1	43722.	4286.3	109.39	2711.4
#2	1780.3	43666.	4285.3	108.35	2735.4

Sample Name: J4773-08 Acquired: 9/17/2018 15:03:27 Type: Unk
Method: P4-ICP2(v2435) 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	.00304	-.00316	.00825	.00347	-.00380	.06782	.15089
Stddev	.00512	.00101	.00024	.00138	.00122	.00367	.00069
%RSD	168.69	32.051	2.8530	39.842	32.213	5.4046	.45651

#1	.00666	-.00245	.00842	.00445	-.00293	.07041	.15138
#2	-.00059	-.00388	.00808	.00250	-.00466	.06523	.15041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00023	33.485	-.00048	.00489	.01145	.12626
Stddev	.00000	.00000	.221	.00061	.00022	.00043	.00012
%RSD	4.3640	1.0631	.66035	127.36	4.4895	3.7905	.09722

#1	.00010	.00023	33.329	-.00005	.00505	.01176	.12635
#2	.00009	.00023	33.642	-.00091	.00474	.01114	.12617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2885	1.9863	.00228	.00034	367.33	-.00142	.03954
Stddev	.0016	.0246	.00091	.00027	2.87	.00005	.00104
%RSD	.12618	1.2377	39.906	81.724	.78182	3.1964	2.6213

#1	1.2897	2.0036	.00164	.00053	369.36	-.00146	.03881
#2	1.2874	1.9689	.00293	.00014	365.30	-.00139	.04028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34262	.00000	.00152	.32079	.97598	.00170	.00395
Stddev	.02650	.00059	.00126	.00408	.00008	.00111	.00094
%RSD	7.7332	16342.	82.917	1.2703	.00806	65.019	23.854

#1	.36135	.00042	.00063	.31791	.97603	.00248	.00329
#2	.32388	-.00041	.00240	.32368	.97592	.00092	.00462

Sample Name: J4773-08 Acquired: 9/17/2018 15:03:27 Type: Unk
 Method: P4-ICP2(v2435) 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	.06043	.0067	.29228	3.5166	F<.00000
Stddev	.01243	.0009	.00055	.1516	.73879
%RSD	20.574	13.52	.18686	4.3104	25.273

#1	.05164	.0074	.29267	3.6237	-2.4009
#2	.06923	.0061	.29190	3.4094	-3.4457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.0	44680.	4299.1	109.51	2800.8
Stddev	3.5	256.	.9	2.13	8.6
%RSD	.19369	.57257	.02145	1.9432	.30753

#1	1816.5	44499.	4298.4	111.02	2794.7
#2	1821.5	44861.	4299.7	108.01	2806.9

Sample Name: J4773-10 Acquired: 9/17/2018 15:07:35 Type: Unk
Method: P4-ICP2(v2435) 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	-.00038	-.00151	.01137	.00237	-.00047	-.00826	.21350
Stddev	.00136	.00035	.00036	.00044	.00173	.01241	.00094
%RSD	358.04	23.163	3.2098	18.376	370.47	150.35	.43892

#1	-.00134	-.00127	.01163	.00268	-.00169	.00052	.21417
#2	.00058	-.00176	.01111	.00206	.00075	-.01703	.21284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00024	19.163	-.00059	.00624	.00606	.30906
Stddev	.00000	.00007	.021	.00037	.00011	.00011	.01764
%RSD	4.9618	29.151	.11179	63.126	1.7596	1.7532	5.7070

#1	.00008	.00029	19.178	-.00085	.00632	.00598	.29659
#2	.00008	.00019	19.147	-.00033	.00616	.00613	.32153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2420	1.2692	.00252	.00016	323.90	-.00184	.09209
Stddev	.0020	.0352	.00005	.00002	2.01	.00021	.00291
%RSD	.16131	2.7749	1.9644	9.5299	.62003	11.322	3.1584

#1	1.2434	1.2443	.00249	.00015	325.32	-.00199	.09003
#2	1.2406	1.2941	.00256	.00017	322.48	-.00170	.09415

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33387	.00021	.02075	.24568	.67636	.00071	.00541
Stddev	.02865	.00012	.00974	.00277	.00376	.00074	.00043
%RSD	8.5822	55.194	46.919	1.1280	.55551	104.05	7.9584

#1	.35413	.00030	.02763	.24373	.67902	.00123	.00510
#2	.31360	.00013	.01387	.24764	.67371	.00019	.00571

Sample Name: J4773-10 Acquired: 9/17/2018 15:07:35 Type: Unk
 Method: P4-ICP2(v2435) 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	.04820	.0042	.06634	3.0245	F<.00000
Stddev	.00118	.0008	.00026	.2880	.98063
%RSD	2.4540	19.19	.38600	9.5212	30.218

#1	.04904	.0036	.06653	2.8209	-3.9385
#2	.04737	.0048	.06616	3.2281	-2.5517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.0	44914.	4328.0	109.65	2819.3
Stddev	8.3	156.	4.1	2.62	13.5
%RSD	.45576	.34802	.09513	2.3930	.47875

#1	1809.1	44803.	4330.9	111.50	2809.7
#2	1820.8	45025.	4325.1	107.79	2828.8

Sample Name: CCV03 Acquired: 9/17/2018 15:37:51 Type: Unk
Method: P4-ICP2(v2435) 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	4.8979	4.8646	4.8839	4.6549	4.9035	9.2711	10.493
Stddev	.0115	.0151	.0006	.0212	.0266	.0492	.065
%RSD	.23507	.31027	.01200	.45509	.54281	.53034	.62053

#1	4.9060	4.8539	4.8835	4.6699	4.9223	9.3059	10.447
#2	4.8897	4.8753	4.8843	4.6399	4.8846	9.2363	10.539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24276	2.4376	24.774	.90837	2.3776	1.2515	4.6995
Stddev	.00022	.0013	.147	.00090	.0025	.0010	.0726
%RSD	.08979	.05170	.59207	.09962	.10368	.07832	1.5450

#1	.24261	2.4367	24.670	.90901	2.3758	1.2522	4.7508
#2	.24292	2.4385	24.877	.90773	2.3793	1.2508	4.6481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3606	25.424	2.3808	1.2001	26.016	2.3903	2.5007
Stddev	.0011	.060	.0010	.0000	.169	.0038	.0236
%RSD	.04706	.23498	.04121	.00344	.65047	.15963	.94177

#1	2.3599	25.381	2.3815	1.2001	25.897	2.3930	2.5174
#2	2.3614	25.466	2.3801	1.2001	26.136	2.3876	2.4841

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.563	4.9387	5.4128	4.8497	F 5.5276	4.8086	4.9947
Stddev	.130	.0099	.0396	.0119	.0495	.0152	.0158
%RSD	.50995	.19986	.73214	.24477	.89596	.31691	.31624

#1	25.471	4.9457	5.3848	4.8413	5.4925	4.7978	4.9836
#2	25.656	4.9318	5.4408	4.8581	5.5626	4.8194	5.0059

Sample Name: CCV03 Acquired: 9/17/2018 15:37:51 Type: Unk
 Method: P4-ICP2(v2435) 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	4.8380	4.678	5.3990	F 1.6885	F<.00000
Stddev	.0200	.006	.0369	.0640	.13136
%RSD	.41390	.1324	.68280	3.7887	4.6513
#1	4.8239	4.682	5.3729	1.6433	-2.9170
#2	4.8522	4.673	5.4250	1.7338	-2.7312
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.2	47213.	4357.3	110.77	2996.7
Stddev	7.4	93.	27.2	1.27	4.4
%RSD	.38124	.19723	.62346	1.1488	.14629
#1	1928.0	47147.	4376.5	109.87	2993.6
#2	1938.4	47279.	4338.1	111.67	2999.8

Sample Name: CCB03 Acquired: 9/17/2018 15:41:35 Type: Unk
Method: P4-ICP2(v2435) 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	.00196	.00058	-.00352	-.00000	-.00109	-.04220	-.00142
Stddev	.00050	.00022	.00096	.00063	.00012	.00115	.00039
%RSD	25.584	37.520	27.334	47599.	11.229	2.7213	27.437

#1	.00232	.00043	-.00420	-.00044	-.00100	-.04139	-.00170
#2	.00161	.00074	-.00284	.00044	-.00117	-.04302	-.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00002	-.03159	.00033	-.00105	.00043	F .02522
Stddev	.00006	.00007	.01358	.00015	.00004	.00072	.00492
%RSD	37.445	270.36	42.998	46.737	4.0655	166.03	19.523

#1	.00019	-.00007	-.04119	.00044	-.00102	.00094	.02870
#2	.00011	.00002	-.02199	.00022	-.00108	-.00008	.02174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.01323	.00051	.00088	-.04097	.00029	-.00078
Stddev	.00002	.00958	.00051	.00041	.01943	.00097	.00004
%RSD	19.994	72.369	101.62	46.702	47.411	338.78	5.7334

#1	-.00009	-.00646	.00014	.00059	-.02724	.00097	-.00081
#2	-.00007	-.02001	.00087	.00117	-.05471	-.00040	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.58886	.00014	.00100	-.00881	.01008	-.00122	.00425
Stddev	.02043	.00007	.00462	.00264	.00101	.00003	.00169
%RSD	3.4695	48.492	462.22	29.928	10.073	2.6085	39.770

#1	-.60330	.00019	-.00227	-.01068	.01079	-.00124	.00545
#2	-.57441	.00009	.00427	-.00695	.00936	-.00120	.00306

Sample Name: CCB03 Acquired: 9/17/2018 15:41:35 Type: Unk
 Method: P4-ICP2(v2435) 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 .00818	-.0025	-.00091	F<.00000	F<.00000
Stddev	.01358	.0000	.00003	.79546	.04453
%RSD	166.03	1.705	3.0937	174.20	.89415

#1	.01778	-.0026	-.00089	-1.0191	-4.9486
#2	-.00142	-.0025	-.00093	.10583	-5.0116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.7	49006.	4303.3	112.95	3320.7
Stddev	6.3	33.	14.1	1.50	3.2
%RSD	.31681	.06766	.32714	1.3298	.09501

#1	1977.3	49030.	4313.2	114.01	3318.4
#2	1986.1	48983.	4293.3	111.89	3322.9

Sample Name: J4774-04 Acquired: 9/17/2018 15:45:39 Type: Unk
Method: P4-ICP2(v2435) 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	.00126	-.00570	.00445	.00386	-.00038	1.1682	.18637
Stddev	.00116	.00016	.00016	.00047	.00186	.0207	.00001
%RSD	92.286	2.7404	3.4925	12.226	490.72	1.7678	.00503

#1	.00207	-.00559	.00456	.00420	-.00169	1.1828	.18637
#2	.00044	-.00581	.00434	.00353	.00094	1.1536	.18638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00032	17.918	.00245	.00472	.00907	1.4461
Stddev	.00003	.00008	.137	.00063	.00039	.00067	.0117
%RSD	18.129	24.443	.76292	25.853	8.1743	7.3433	.81151

#1	.00013	.00037	18.015	.00200	.00499	.00859	1.4378
#2	.00017	.00026	17.822	.00290	.00445	.00954	1.4544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0102	2.1769	.00245	.00101	398.97	.00095	.04532
Stddev	.0017	.0550	.00006	.00021	1.35	.00078	.00014
%RSD	.16692	2.5248	2.5239	20.754	.33920	81.847	.31351

#1	1.0090	2.1380	.00241	.00116	398.02	.00040	.04522
#2	1.0114	2.2158	.00249	.00087	399.93	.00150	.04542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70300	.00022	.02521	.31064	2.1276	.00180	.04444
Stddev	.06474	.00004	.01535	.00152	.0079	.00130	.00052
%RSD	9.2093	18.852	60.916	.49030	.37032	72.224	1.1787

#1	.74878	.00019	.01435	.31172	2.1220	.00088	.04481
#2	.65722	.00025	.03606	.30956	2.1332	.00272	.04407

Sample Name: J4774-04 Acquired: 9/17/2018 15:45:39 Type: Unk
 Method: P4-ICP2(v2435) 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	.03227	.0332	.05442	3.0533	F<.00000
Stddev	.01767	.0018	.00031	.2039	.59085
%RSD	54.743	5.298	.57843	6.6763	41.864

#1	.01978	.0344	.05464	2.9092	-.99355
#2	.04476	.0319	.05420	3.1975	-1.8291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.0	44751.	4303.4	108.44	2760.7
Stddev	6.1	95.	9.5	.34	8.0
%RSD	.33788	.21230	.22056	.30973	.29088

#1	1798.7	44684.	4296.6	108.20	2755.0
#2	1807.3	44818.	4310.1	108.68	2766.4

Sample Name: J4775-06 Acquired: 9/17/2018 15:49:47 Type: Unk
Method: P4-ICP2(v2435) 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	.00230	-.00235	.00298	.00437	-.00004	.03046	.16395
Stddev	.00132	.00241	.00014	.00091	.00007	.00485	.00046
%RSD	57.332	102.54	4.7655	20.828	144.73	15.915	.27992

#1	.00323	-.00405	.00308	.00373	.00000	.02703	.16362
#2	.00137	-.00065	.00288	.00501	-.00009	.03389	.16427

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	32.358	.00052	.00304	.00771	.12716
Stddev	.00004	.00011	.111	.00061	.00007	.00029	.02125
%RSD	60.221	160.82	.34208	116.70	2.1785	3.7228	16.708

#1	.00004	.00015	32.280	.00095	.00308	.00791	.14218
#2	.00009	-.00001	32.436	.00009	.00299	.00751	.11214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81528	3.0233	.00193	.00105	368.42	.00016	.04459
Stddev	.00095	.0570	.00001	.00053	.39	.00034	.00025
%RSD	.11709	1.8846	.73253	50.465	.10463	217.17	.56911

#1	.81595	2.9830	.00192	.00068	368.15	.00040	.04477
#2	.81460	3.0636	.00194	.00143	368.69	-.00008	.04441

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73978	-.00006	.00229	.52278	1.1251	.00193	.00287
Stddev	.02283	.00019	.00748	.00204	.0027	.00014	.00177
%RSD	3.0860	308.55	326.05	.38965	.24062	7.0256	61.743

#1	.72364	.00007	.00758	.52422	1.1232	.00202	.00161
#2	.75592	-.00019	-.00299	.52134	1.1270	.00183	.00412

Sample Name: J4775-06 Acquired: 9/17/2018 15:49:47 Type: Unk
 Method: P4-ICP2(v2435) 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	.05506	.0034	.10681	3.8694	F<.00000
Stddev	.00707	.0015	.00037	.1729	.92505
%RSD	12.840	45.93	.34886	4.4686	45.776

#1	.05006	.0023	.10654	3.9916	-1.3667
#2	.06006	.0045	.10707	3.7471	-2.6749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.9	44775.	4284.8	108.94	2767.9
Stddev	12.1	72.	7.6	1.15	15.1
%RSD	.67023	.16149	.17763	1.0596	.54584

#1	1792.4	44724.	4279.5	108.13	2757.2
#2	1809.5	44826.	4290.2	109.76	2778.5

Sample Name: J4775-08 Acquired: 9/17/2018 15:53:56 Type: Unk
Method: P4-ICP2(v2435) 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	.00102	-.00391	.00253	.00137	-.00107	.10111	.13097
Stddev	.00065	.00050	.00052	.00098	.00196	.00720	.00009
%RSD	63.585	12.886	20.621	71.582	182.89	7.1240	.06808

#1	.00148	-.00355	.00290	.00207	-.00246	.10620	.13091
#2	.00056	-.00427	.00216	.00068	.00031	.09602	.13103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00008	26.288	.00025	.00144	.00677	.41166
Stddev	.00003	.00000	.110	.00028	.00005	.00011	.01153
%RSD	34.173	4.8167	.41680	113.65	3.7067	1.5933	2.8006

#1	.00008	-.00008	26.210	.00005	.00140	.00685	.40351
#2	.00012	-.00008	26.365	.00045	.00148	.00670	.41981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58651	1.3110	.00151	.00126	377.04	-.00054	.03437
Stddev	.00094	.0338	.00029	.00014	4.66	.00092	.00018
%RSD	.16056	2.5782	19.353	10.768	1.2353	171.82	.53724

#1	.58584	1.2871	.00131	.00136	373.75	-.00119	.03424
#2	.58717	1.3349	.00172	.00117	380.33	.00012	.03451

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49783	.00013	.01578	.58772	1.2536	.00151	.00762
Stddev	.01859	.00009	.00170	.00126	.0160	.00002	.00312
%RSD	3.7350	70.746	10.791	.21464	1.2801	1.3129	41.004

#1	.48468	.00020	.01698	.58683	1.2423	.00150	.00541
#2	.51097	.00007	.01457	.58862	1.2650	.00153	.00983

Sample Name: J4775-08 Acquired: 9/17/2018 15:53:56 Type: Unk
 Method: P4-ICP2(v2435) 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	.06258	.0047	.09555	3.7134	F<.00000
Stddev	.00202	.0002	.00011	.5156	.19169
%RSD	3.2266	3.420	.11867	13.884	7.3849

#1	.06401	.0048	.09563	4.0779	-2.4602
#2	.06115	.0046	.09547	3.3488	-2.7313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.9	44637.	4291.8	109.57	2763.8
Stddev	3.9	89.	10.6	1.16	7.7
%RSD	.21702	.19886	.24744	1.0623	.27883

#1	1795.2	44575.	4299.3	110.40	2758.3
#2	1800.7	44700.	4284.3	108.75	2769.2

Sample Name: J4919-02 Acquired: 9/17/2018 15:58:05 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.00044	-.00557	.04620	.00198	-.00049	.01158	.28653	.00019
Stddev	.00081	.00100	.00074	.00188	.00175	.01042	.00051	.00007
%RSD	182.67	17.960	1.5953	94.945	361.43	89.930	.17696	36.778

#1	.00101	-.00628	.04568	.00330	.00075	.00422	.28689	.00023
#2	-.00013	-.00486	.04672	.00065	-.00173	.01895	.28617	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	41.443	-.00255	.02273	.00649	12.430	3.5679	5.7665
Stddev	.00021	.144	.00057	.00006	.00037	.233	.0175	.1655
%RSD	238.97	.34698	22.523	.25591	5.7114	1.8715	.49091	2.8702

#1	-.00006	41.341	-.00295	.02277	.00622	12.595	3.5555	5.6494
#2	.00024	41.544	-.00214	.02269	.00675	12.266	3.5803	5.8835

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01010	.00065	396.43	-.00540	.08226	1.1302	-.00044	.01497
Stddev	.00065	.00052	1.96	.00016	.00136	.0647	.00001	.01206
%RSD	6.3894	80.789	.49452	2.8685	1.6584	5.7218	1.9827	80.598

#1	.00965	.00028	395.04	-.00529	.08322	1.0845	-.00044	.02349
#2	.01056	.00101	397.81	-.00551	.08130	1.1759	-.00043	.00644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38431	1.3392	.00220	.00387	.08733	.0123	.20553	3.8494
Stddev	.00087	.0116	.00090	.00102	.00515	.0021	.00078	.1000
%RSD	.22707	.86854	40.871	26.373	5.8920	16.72	.37757	2.5989

#1	.38370	1.3310	.00157	.00315	.08369	.0137	.20498	3.9201
#2	.38493	1.3474	.00284	.00459	.09096	.0108	.20608	3.7786

Sample Name: J4919-02 Acquired: 9/17/2018 15:58:05 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4390
 Stddev .5104
 %RSD 35.471

#1 1.0781
 #2 1.7999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.8	44234.	4264.4	106.39	2724.2
Stddev	7.2	107.	.5	1.96	8.0
%RSD	.40622	.24217	.01183	1.8424	.29297

#1	1778.7	44309.	4264.7	105.00	2718.6
#2	1788.9	44158.	4264.0	107.77	2729.9

Sample Name: J4929-04 Acquired: 9/17/2018 16:02:12 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00227	.03835	.00444	.00064	.11685	.25239
Stddev	.00082	.00199	.00002	.00240	.00137	.00409	.00204
%RSD	117.82	87.399	.04797	54.081	213.39	3.5015	.81023

#1	.00012	-.00087	.03836	.00274	-.00033	.11396	.25384
#2	.00127	-.00368	.03834	.00614	.00161	.11975	.25094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00060	37.017	.00026	.00182	.02156	3.4660
Stddev	.00001	.00004	.118	.00041	.00010	.00005	.0274
%RSD	5.6483	6.0730	.31993	158.91	5.7619	.21196	.79049

#1	.00024	.00057	37.101	.00055	.00174	.02153	3.4466
#2	.00022	.00063	36.933	-.00003	.00189	.02160	3.4854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52259	1.4911	.00303	.00104	379.60	-.00019	.16416
Stddev	.00070	.0337	.00039	.00004	3.10	.00042	.00135
%RSD	.13370	2.2608	12.839	3.7262	.81734	225.42	.82260

#1	.52210	1.5150	.00330	.00101	381.80	.00011	.16321
#2	.52309	1.4673	.00275	.00107	377.41	-.00048	.16512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65691	-.00020	.00829	.59898	2.0869	.00073	.00380
Stddev	.02264	.00022	.01652	.00097	.0259	.00073	.00025
%RSD	3.4468	109.00	199.26	.16139	1.2399	100.19	6.6358

#1	.67292	-.00005	.01998	.59966	2.1052	.00124	.00398
#2	.64090	-.00036	-.00339	.59829	2.0686	.00021	.00362

Sample Name: J4929-04 Acquired: 9/17/2018 16:02:12 Type: Unk
 Method: P4-ICP2(v2435) 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	.05286	.0013	.17121	4.3931	F<.00000
Stddev	.00830	.0010	.00129	.0425	.15459
%RSD	15.709	79.64	.75405	.96834	10.129

#1	.05873	.0020	.17212	4.3630	-1.6355
#2	.04699	.0006	.17030	4.4231	-1.4169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.8	44441.	4256.0	108.05	2745.7
Stddev	8.6	71.	10.3	.57	3.9
%RSD	.47781	.15938	.24302	.52752	.14187

#1	1784.7	44391.	4248.7	108.45	2743.0
#2	1796.8	44491.	4263.3	107.64	2748.5

Sample Name: J4929-08 Acquired: 9/17/2018 16:06:21 Type: Unk
Method: P4-ICP2(v2435) 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	-.00336	-.00123	.00151	.00283	.00124	.72312	.19939
Stddev	.00264	.00164	.00083	.00219	.00034	.02288	.00015
%RSD	78.349	133.65	54.716	77.410	27.702	3.1646	.07523

#1	-.00523	-.00007	.00092	.00438	.00100	.70694	.19929
#2	-.00150	-.00239	.00209	.00128	.00148	.73930	.19950

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00176	3.2104	.00120	-.00128	.07275	.67963
Stddev	.00004	.00003	.0003	.00037	.00000	.00049	.00067
%RSD	20.101	1.6591	.00848	30.874	.06913	.67051	.09823

#1	.00024	.00174	3.2102	.00146	-.00128	.07241	.67916
#2	.00018	.00178	3.2106	.00093	-.00128	.07310	.68010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04414	.39933	.00038	.00120	378.96	.00108	.53015
Stddev	.00000	.02714	.00064	.00025	1.59	.00015	.00307
%RSD	.00697	6.7968	169.13	21.027	.42041	13.603	.57981

#1	.04414	.41853	-.00007	.00102	380.08	.00097	.52797
#2	.04414	.38014	.00083	.00138	377.83	.00118	.53232

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01091	-.00004	.00609	.17990	1.3692	.00078	.03152
Stddev	.04422	.00028	.01390	.00190	.0042	.00000	.00256
%RSD	405.40	758.37	228.41	1.0570	.30997	.28630	8.1315

#1	.04218	-.00023	-.00374	.17856	1.3722	.00079	.02971
#2	-.02036	.00016	.01591	.18124	1.3662	.00078	.03333

Sample Name: J4929-08 Acquired: 9/17/2018 16:06:21 Type: Unk
 Method: P4-ICP2(v2435) 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	.05459	.0231	.02881	3.2946	F<.00000
Stddev	.00750	.0019	.00029	.3474	.14331
%RSD	13.737	8.174	1.0003	10.545	8.8497

#1	.04929	.0245	.02861	3.5403	-1.7207
#2	.05989	.0218	.02902	3.0489	-1.5181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.7	44696.	4247.0	106.29	2778.1
Stddev	5.5	58.	21.0	.28	18.1
%RSD	.30397	.12964	.49434	.25905	.65199

#1	1801.8	44655.	4232.2	106.48	2765.3
#2	1809.6	44737.	4261.9	106.09	2790.9

Sample Name: J4929-12 Acquired: 9/17/2018 16:10:30 Type: Unk
Method: P4-ICP2(v2435) 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	-.00430	-.00315	1.0011	.00072	-.00020	.02566	.15969
Stddev	.00025	.00255	.0005	.00019	.00056	.00084	.00024
%RSD	5.8335	80.934	.04568	25.748	273.63	3.2577	.15227

#1	-.00448	-.00495	1.0008	.00059	-.00060	.02626	.15952
#2	-.00413	-.00135	1.0015	.00085	.00019	.02507	.15987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00006	4.9752	-.00033	-.00123	.00961	.03650
Stddev	.00002	.00003	.0033	.00045	.00036	.00032	.00434
%RSD	12.547	50.627	.06580	134.97	29.243	3.2961	11.883

#1	.00014	-.00004	4.9729	-.00002	-.00149	.00939	.03343
#2	.00012	-.00008	4.9775	-.00065	-.00098	.00984	.03957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03560	.66751	-.00062	.00132	382.95	.00010	.03350
Stddev	.00001	.06298	.00007	.00053	2.00	.00002	.00038
%RSD	.03224	9.4352	11.275	40.194	.52229	23.897	1.1272

#1	.03561	.62297	-.00057	.00095	381.53	.00008	.03323
#2	.03559	.71204	-.00067	.00170	384.36	.00012	.03377

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38643	.00002	-.00248	1.1123	.18570	-.00003	.00426
Stddev	.04677	.00002	.00382	.0006	.00232	.00007	.00216
%RSD	12.104	87.206	153.92	.05159	1.2491	214.62	50.646

#1	.35335	.00004	.00022	1.1119	.18406	.00002	.00579
#2	.41950	.00001	-.00519	1.1127	.18734	-.00009	.00274

Sample Name: J4929-12 Acquired: 9/17/2018 16:10:30 Type: Unk
 Method: P4-ICP2(v2435) 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	.04830	.0042	.03812	3.6858	F<.00000
Stddev	.01350	.0021	.00001	.0981	.19021
%RSD	27.945	51.16	.02849	2.6619	10.338

#1	.05785	.0027	.03813	3.7551	-1.7055
#2	.03876	.0057	.03811	3.6164	-1.9745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.0	44058.	4240.5	108.12	2759.3
Stddev	1.1	100.	2.8	.74	5.1
%RSD	.05958	.22757	.06625	.68475	.18535

#1	1775.3	43987.	4242.5	108.64	2762.9
#2	1776.8	44129.	4238.5	107.59	2755.7

Sample Name: J4935-04 Acquired: 9/17/2018 16:14:37 Type: Unk
Method: P4-ICP2(v2435) 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	-.00307	-.00355	.03434	.00200	-.00020	.03338	.11121
Stddev	.00166	.00103	.00081	.00016	.00045	.02524	.00025
%RSD	54.176	29.142	2.3726	8.0758	219.32	75.602	.22379

#1	-.00424	-.00428	.03492	.00189	.00011	.05123	.11138
#2	-.00189	-.00281	.03376	.00212	-.00052	.01554	.11103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00003	28.825	.00054	.00092	.00465	.19265
Stddev	.00013	.00003	.025	.00034	.00015	.00073	.00558
%RSD	98.887	107.39	.08506	64.281	16.635	15.614	2.8951

#1	.00004	-.00006	28.808	.00029	.00103	.00516	.18871
#2	.00022	-.00001	28.842	.00078	.00081	.00414	.19659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20372	.46828	.00003	.00095	362.21	.00065	.05135
Stddev	.00013	.02681	.00025	.00028	.91	.00058	.00017
%RSD	.06273	5.7255	780.13	28.949	.24996	89.613	.32429

#1	.20381	.44933	-.00015	.00076	361.57	.00024	.05146
#2	.20363	.48724	.00021	.00115	362.85	.00107	.05123

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1907	.00028	.00591	.15349	.31493	.00220	.00509
Stddev	.0102	.00029	.01704	.00030	.00489	.00047	.00115
%RSD	.85635	103.21	288.39	.19555	1.5527	21.268	22.619

#1	1.1835	.00008	-.00614	.15328	.31839	.00187	.00427
#2	1.1979	.00048	.01796	.15371	.31147	.00253	.00590

Sample Name: J4935-04 Acquired: 9/17/2018 16:14:37 Type: Unk
 Method: P4-ICP2(v2435) 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	.05298	.0032	.04969	4.2370	F<.00000
Stddev	.01531	.0007	.00000	.3268	.31430
%RSD	28.891	21.91	.00475	7.7127	12.538

#1	.04216	.0037	.04969	4.0059	-2.7290
#2	.06381	.0027	.04969	4.4681	-2.2845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.7	44013.	4223.6	105.13	2736.2
Stddev	1.2	99.	12.8	.83	3.5
%RSD	.06735	.22485	.30386	.78880	.12699

#1	1779.6	44083.	4214.6	104.54	2738.7
#2	1777.9	43943.	4232.7	105.71	2733.7

Sample Name: J4936-18 Acquired: 9/17/2018 16:18:45 Type: Unk
Method: P4-ICP2(v2435) 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	-.00152	-.00247	.00109	.00450	-.00208	.07859	.11618
Stddev	.00297	.00078	.00121	.00086	.00123	.00055	.00064
%RSD	195.96	31.791	110.80	19.148	59.395	.69363	.55003

#1	-.00362	-.00302	.00195	.00389	-.00120	.07898	.11572
#2	.00058	-.00191	.00024	.00510	-.00295	.07821	.11663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00101	11.610	.22104	.01647	.01296	.05468
Stddev	.00004	.00011	.070	.00157	.00041	.00028	.00222
%RSD	20.652	10.449	.60390	.70828	2.4727	2.1382	4.0558

#1	.00016	.00109	11.561	.21993	.01618	.01276	.05311
#2	.00022	.00094	11.660	.22214	.01676	.01315	.05625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04799	9.5249	.05726	.00154	413.00	.00155	.43071
Stddev	.00026	.1224	.00001	.00012	1.61	.00021	.00027
%RSD	.55061	1.2845	.01453	8.0108	.39076	13.543	.06350

#1	.04780	9.4384	.05727	.00145	411.85	.00140	.43090
#2	.04817	9.6114	.05726	.00163	414.14	.00170	.43051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10859	-.00006	.00418	.27923	.96254	.00140	.00281
Stddev	.00467	.00006	.00208	.00606	.00860	.00171	.00295
%RSD	4.3035	101.14	49.756	2.1720	.89370	122.90	104.86

#1	.11190	-.00002	.00271	.27494	.95646	.00018	.00490
#2	.10529	-.00011	.00564	.28352	.96862	.00261	.00073

Sample Name: J4936-18 Acquired: 9/17/2018 16:18:45 Type: Unk
Method: P4-ICP2(v2435) 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	.06885	-.0010	.03393	4.4531	F<.00000
Stddev	.00096	.0005	.00039	.0438	.51667
%RSD	1.3963	55.09	1.1444	.98375	26.925

#1	.06817	-.0014	.03365	4.4222	-2.2843
#2	.06953	-.0006	.03420	4.4841	-1.5536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.6	43695.	4173.0	104.95	2741.1
Stddev	2.9	59.	4.3	.31	6.8
%RSD	.16348	.13604	.10290	.29299	.24979

#1	1772.5	43653.	4176.1	104.73	2736.2
#2	1776.6	43737.	4170.0	105.16	2745.9

Sample Name: J4936-22 Acquired: 9/17/2018 16:22:52 Type: Unk
Method: P4-ICP2(v2435) 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	.01436	-.00296	.02273	.00443	.00194	.06343	.27610
Stddev	.00170	.00032	.00175	.00387	.00043	.00602	.00091
%RSD	11.804	10.896	7.7189	87.324	22.223	9.4901	.33024

#1	.01316	-.00273	.02149	.00717	.00225	.06769	.27546
#2	.01556	-.00319	.02397	.00169	.00164	.05917	.27675

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.02098	36.525	.00299	.00412	.07094	.14322
Stddev	.00005	.00035	.015	.00061	.00019	.00010	.00297
%RSD	55.844	1.6696	.04042	20.305	4.4905	.14406	2.0756

#1	.00012	.02123	36.535	.00342	.00399	.07087	.14532
#2	.00005	.02073	36.515	.00256	.00426	.07101	.14112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14418	10.937	.00674	.00081	368.18	.00187	9.0792
Stddev	.00085	.069	.00040	.00008	1.41	.00103	.0866
%RSD	.58840	.63297	5.8634	10.476	.38208	55.272	.95330

#1	.14478	10.986	.00702	.00075	367.19	.00260	9.0180
#2	.14358	10.888	.00646	.00087	369.18	.00114	9.1404

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14967	-.00074	-.00643	.11819	1.9746	.00237	.00598
Stddev	.03470	.00009	.00983	.00949	.0230	.00100	.00278
%RSD	23.187	12.418	152.89	8.0260	1.1630	42.096	46.427

#1	-.12513	-.00081	-.01338	.12490	1.9909	.00167	.00402
#2	-.17421	-.00068	.00052	.11149	1.9584	.00308	.00795

Sample Name: J4936-22 Acquired: 9/17/2018 16:22:52 Type: Unk
 Method: P4-ICP2(v2435) 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	.08804	.0100	.07495	4.3288	F<.00000
Stddev	.00721	.0032	.00023	.5218	.91120
%RSD	8.1892	31.64	.30852	12.053	29.217

#1	.08294	.0122	.07479	3.9599	-3.7630
#2	.09314	.0077	.07511	4.6978	-2.4744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.8	44054.	4237.7	107.62	2736.9
Stddev	10.0	108.	3.6	.80	17.4
%RSD	.56204	.24492	.08487	.74314	.63637

#1	1768.8	44130.	4240.2	108.19	2724.6
#2	1782.9	43977.	4235.1	107.06	2749.2

Sample Name: CCV04 Acquired: 9/17/2018 16:26:58 Type: Unk
Method: P4-ICP2(v2435) 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	4.9596	4.9144	4.9641	4.6977	4.9918	9.4338	10.697
Stddev	.0139	.0056	.0014	.0049	.0148	.0847	.025
%RSD	.28113	.11292	.02842	.10484	.29678	.89810	.23570

#1	4.9694	4.9183	4.9651	4.7011	5.0022	9.4937	10.679
#2	4.9497	4.9105	4.9631	4.6942	4.9813	9.3739	10.714

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24496	2.4738	25.165	.92120	2.4133	1.2702	5.0706
Stddev	.00179	.0050	.049	.00294	.0000	.0027	.0414
%RSD	.73102	.20172	.19459	.31861	.00184	.21565	.81690

#1	.24622	2.4702	25.130	.92328	2.4133	1.2721	5.0413
#2	.24369	2.4773	25.200	.91913	2.4132	1.2683	5.0999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3911	26.016	2.4018	1.2292	26.601	2.4183	2.6793
Stddev	.0101	.077	.0011	.0065	.098	.0087	.0249
%RSD	.42250	.29591	.04526	.52607	.36935	.36026	.92945

#1	2.3982	26.071	2.4011	1.2338	26.531	2.4245	2.6616
#2	2.3839	25.962	2.4026	1.2247	26.670	2.4121	2.6969

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.173	4.9967	5.4784	4.8930	F 5.6002	4.8576	5.1012
Stddev	.031	.0117	.0094	.0053	.0001	.0165	.0107
%RSD	.11901	.23364	.17099	.10797	.00248	.33901	.20912

#1	26.151	5.0050	5.4717	4.8893	5.6001	4.8460	5.1087
#2	26.195	4.9885	5.4850	4.8968	5.6003	4.8693	5.0936

Sample Name: CCV04 Acquired: 9/17/2018 16:26:58 Type: Unk
 Method: P4-ICP2(v2435) 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	4.9278	4.733	5.4716	F 2.1008	F<.00000
Stddev	.0375	.023	.0148	.3411	.12709
%RSD	.76131	.4796	.27037	16.235	4.0040

#1	4.9543	4.717	5.4611	2.3420	-3.2641
#2	4.9013	4.749	5.4821	1.8596	-3.0844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.0	47299.	4345.9	104.85	2998.2
Stddev	4.3	219.	4.1	.91	2.1
%RSD	.22018	.46304	.09455	.86679	.06982

#1	1931.0	47144.	4343.0	105.50	2999.7
#2	1937.0	47454.	4348.8	104.21	2996.7

Sample Name: CCB04 Acquired: 9/17/2018 16:53:06 Type: Unk
Method: P4-ICP2(v2435) 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	.00070	.00115	-.00309	.00162	.00073	-.04909	-.00212
Stddev	.00296	.00048	.00092	.00023	.00005	.01460	.00136
%RSD	419.45	41.581	29.660	14.332	7.4510	29.750	64.370

#1	.00279	.00149	-.00244	.00178	.00077	-.05942	-.00308
#2	-.00139	.00081	-.00374	.00145	.00070	-.03876	-.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00011	-.03506	.00038	-.00094	.00012	.01103
Stddev	.00009	.00000	.00055	.00037	.00004	.00003	.00396
%RSD	87.756	2.1696	1.5641	95.788	4.3152	22.828	35.875

#1	.00004	-.00011	-.03467	.00064	-.00091	.00014	.00823
#2	.00016	-.00011	-.03545	.00012	-.00097	.00010	.01382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.03763	.00053	.00127	.04839	-.00014	-.00054
Stddev	.00008	.00746	.00039	.00037	.01402	.00056	.00011
%RSD	131.25	19.816	72.861	28.996	28.969	401.54	19.833

#1	-.00000	-.03236	.00081	.00101	.03848	-.00054	-.00062
#2	-.00012	-.04291	.00026	.00153	.05831	.00026	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.63254	.00004	-.00664	-.00990	.01008	-.00123	.00403
Stddev	.07080	.00008	.00573	.00064	.00112	.00035	.00087
%RSD	11.193	184.81	86.348	6.4874	11.113	28.271	21.492

#1	-.58248	.00009	-.01069	-.01035	.01087	-.00099	.00465
#2	-.68260	-.00001	-.00259	-.00944	.00929	-.00148	.00342

Sample Name: CCB04 Acquired: 9/17/2018 16:53:06 Type: Unk
 Method: P4-ICP2(v2435) 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 .02939	.0002	-.00095	F .68853	F<.00000
Stddev	.00170	.0012	.00011	.47083	.21129
%RSD	5.7868	488.2	11.191	68.382	4.4936

#1	.03059	-.0006	-.00103	.35561	-4.5526
#2	.02818	.0011	-.00088	1.0215	-4.8514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.6	48214.	4306.5	110.97	3298.3
Stddev	16.5	89.	32.2	.65	22.9
%RSD	.83649	.18455	.74753	.58990	.69359

#1	1955.9	48151.	4329.3	111.43	3282.1
#2	1979.2	48277.	4283.8	110.51	3314.4

Sample Name: PB112928BS Acquired: 9/17/2018 17:53:44 Type: Unk
Method: P4-ICP2(v2435) 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	.75768	1.8973	.93584	1.7088	.74800	1.7562	.21082
Stddev	.00516	.0056	.00188	.0009	.00059	.0046	.00031
%RSD	.68039	.29691	.20056	.05424	.07857	.25985	.14825

#1	.76132	1.8933	.93452	1.7082	.74841	1.7530	.21060
#2	.75403	1.9013	.93717	1.7095	.74758	1.7594	.21104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17790	.18619	.99076	.35752	.18002	.29556	2.8617
Stddev	.00015	.00015	.02175	.00047	.00039	.00051	.0065
%RSD	.08256	.08137	2.1948	.13117	.21667	.17402	.22787

#1	.17800	.18608	.97539	.35785	.17975	.29593	2.8571
#2	.17780	.18630	1.0061	.35719	.18030	.29520	2.8663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19366	1.9944	.44341	.06900	3.0423	.29307	.19894
Stddev	.00028	.0181	.00021	.00096	.0235	.00037	.00050
%RSD	.14581	.90612	.04638	1.3969	.77104	.12689	.25357

#1	.19346	2.0071	.44355	.06832	3.0589	.29281	.19930
#2	.19386	1.9816	.44326	.06968	3.0257	.29333	.19859

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9078	.39511	.31443	F -.00748	1.0105	.60644	.20302
Stddev	.0424	.00048	.00969	.00023	.0081	.00049	.00202
%RSD	.42827	.12200	3.0806	3.1068	.80195	.08099	.99600

#1	9.8778	.39545	.30758	-.00765	1.0048	.60609	.20445
#2	9.9378	.39477	.32128	-.00732	1.0163	.60679	.20159

Sample Name: PB112928BS Acquired: 9/17/2018 17:53:44 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8583	F 4.624	.21920	F 1.5880	F<.00000
Stddev	.0021	.016	.00033	.2744	.54249
%RSD	.11343	.3467	.15172	17.281	8.8384

#1	1.8598	4.613	.21943	1.7820	-6.5215
#2	1.8568	4.636	.21896	1.3939	-5.7543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.7	46703.	4234.0	107.15	3157.8
Stddev	7.9	74.	15.8	.64	9.5
%RSD	.41390	.15754	.37212	.60095	.30228

#1	1897.2	46651.	4222.8	106.69	3151.0
#2	1908.3	46755.	4245.1	107.60	3164.5

Sample Name: J4936-26 Acquired: 9/17/2018 16:57:10 Type: Unk
Method: P4-ICP2(v2435) 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	-.00299	-.00305	.01543	.00511	.00010	-.05120	.35184
Stddev	.00390	.00012	.00015	.00035	.00013	.00580	.00082
%RSD	130.40	3.8222	.98944	6.9284	128.25	11.336	.23386

#1	-.00575	-.00296	.01532	.00536	.00020	-.05530	.35126
#2	-.00023	-.00313	.01553	.00486	.00001	-.04709	.35242

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00434	130.49	.09497	.00720	.19441	-.00786
Stddev	.00006	.00001	.26	.00017	.00037	.00058	.00008
%RSD	452.63	.20534	.20202	.17828	5.1888	.29595	1.0101

#1	-.00005	.00434	130.31	.09485	.00694	.19482	-.00791
#2	.00003	.00433	130.68	.09509	.00747	.19401	-.00780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02865	7.2898	.02846	.00111	358.86	.00370	2.1463
Stddev	.00015	.0233	.00082	.00007	3.98	.00026	.0288
%RSD	.53270	.31941	2.8883	5.9059	1.1090	7.1575	1.3406

#1	.02854	7.2733	.02904	.00116	356.04	.00388	2.1666
#2	.02876	7.3062	.02788	.00106	361.67	.00351	2.1259

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.27763	-.00021	.00710	.43586	1.1353	.00163	-.00055
Stddev	.03165	.00045	.00413	.00169	.0021	.00034	.00324
%RSD	11.401	212.05	58.248	.38750	.18429	21.102	591.54

#1	-.25525	.00011	.01002	.43467	1.1338	.00188	.00174
#2	-.30001	-.00053	.00417	.43705	1.1368	.00139	-.00284

Sample Name: J4936-26 Acquired: 9/17/2018 16:57:10 Type: Unk
 Method: P4-ICP2(v2435) 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	.07727	-.0000	.13231	7.2250	F<.00000
Stddev	.02046	.0009	.00036	.0517	.66725
%RSD	26.484	3361.	.26887	.71617	15.898

#1	.06280	.0006	.13206	7.2616	-3.7254
#2	.09174	-.0006	.13256	7.1884	-4.6690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.0	43014.	4223.7	103.68	2659.1
Stddev	9.9	54.	.2	1.72	9.5
%RSD	.57548	.12663	.00521	1.6617	.35699

#1	1721.0	42975.	4223.5	102.46	2652.3
#2	1735.0	43052.	4223.8	104.90	2665.8

Sample Name: J4936-30 Acquired: 9/17/2018 17:01:17 Type: Unk
Method: P4-ICP2(v2435) 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	-.00424	-.00315	.00275	.00543	.00042	-.06980	.13201
Stddev	.00508	.00024	.00127	.00498	.00065	.01721	.00035
%RSD	119.76	7.5809	46.216	91.783	157.17	24.659	.26150

#1	-.00065	-.00332	.00185	.00895	-.00005	-.05763	.13177
#2	-.00783	-.00298	.00365	.00191	.00088	-.08197	.13226

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00449	153.11	.06513	.01197	.01546	-.01466
Stddev	.00002	.00008	.54	.00114	.00034	.00040	.00365
%RSD	224.83	1.6756	.35102	1.7570	2.8396	2.5821	24.879

#1	.00001	.00455	152.73	.06432	.01221	.01518	-.01724
#2	-.00003	.00444	153.49	.06594	.01173	.01575	-.01208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04024	11.965	.03933	.00094	363.34	.00480	5.0589
Stddev	.00003	.030	.00044	.00012	3.96	.00050	.1575
%RSD	.07575	.24675	1.1312	12.903	1.0887	10.432	3.1141

#1	.04022	11.986	.03964	.00103	360.54	.00445	4.9475
#2	.04027	11.945	.03901	.00085	366.13	.00515	5.1703

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.20131	-.00059	-.00419	.45281	1.4080	.00268	-.00038
Stddev	.00468	.00018	.00264	.00347	.0048	.00011	.00030
%RSD	2.3238	31.388	62.978	.76548	.34338	3.9923	79.374

#1	-.19800	-.00072	-.00605	.45526	1.4115	.00275	-.00060
#2	-.20461	-.00046	-.00232	.45036	1.4046	.00260	-.00017

Sample Name: J4936-30 Acquired: 9/17/2018 17:01:17 Type: Unk
Method: P4-ICP2(v2435) 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	.08556	-.0029	.24724	7.7641	F<.00000
Stddev	.00031	.0003	.00088	.3453	.56213
%RSD	.35968	10.08	.35628	4.4474	15.310

#1	.08577	-.0031	.24661	8.0082	-4.0692
#2	.08534	-.0027	.24786	7.5199	-3.2742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1723.2	42916.	4143.5	103.22	2641.3
Stddev	3.1	52.	15.8	3.07	5.5
%RSD	.18047	.12152	.38075	2.9738	.20996

#1	1721.1	42953.	4154.6	105.39	2637.4
#2	1725.4	42879.	4132.3	101.05	2645.2

Sample Name: J4936-34 Acquired: 9/17/2018 17:05:25 Type: Unk
Method: P4-ICP2(v2435) 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	-.00390	-.00307	.22312	.00312	.01585	-.03413	.31044
Stddev	.00480	.00171	.00015	.00075	.00192	.02389	.00257
%RSD	123.18	55.649	.06573	23.908	12.117	70.006	.82825

#1	-.00729	-.00428	.22322	.00364	.01720	-.05102	.31226
#2	-.00050	-.00186	.22302	.00259	.01449	-.01723	.30862

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01758	43.318	.00860	.00037	.16546	.01124
Stddev	.00008	.00002	.051	.00009	.00018	.00190	.00008
%RSD	183.22	.09736	.11753	1.0907	48.245	1.1471	.70662

#1	-.00001	.01757	43.354	.00853	.00024	.16681	.01130
#2	.00010	.01760	43.282	.00867	.00050	.16412	.01118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04858	18.752	.00529	.00092	356.14	.00078	3.5702
Stddev	.00011	.086	.00056	.00031	.46	.00061	.0193
%RSD	.21718	.45939	10.486	33.679	.13018	78.422	.53967

#1	.04851	18.813	.00569	.00113	356.46	.00121	3.5839
#2	.04866	18.691	.00490	.00070	355.81	.00035	3.5566

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22778	-.00057	-.00107	.11912	.56481	.00060	.00220
Stddev	.01587	.00047	.02249	.00535	.00740	.00093	.00024
%RSD	6.9670	83.021	2106.7	4.4915	1.3107	154.51	10.897

#1	-.21656	-.00023	.01484	.12290	.57005	-.00006	.00237
#2	-.23900	-.00090	-.01697	.11534	.55958	.00126	.00203

Sample Name: J4936-34 Acquired: 9/17/2018 17:05:25 Type: Unk
Method: P4-ICP2(v2435) 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	.04898	.0014	.06362	5.2411	F<.00000
Stddev	.01256	.0019	.00028	.2361	.40949
%RSD	25.644	128.9	.44778	4.5047	13.730

#1	.04010	.0028	.06382	5.4080	-2.6929
#2	.05787	.0001	.06342	5.0741	-3.2720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.5	43265.	4195.5	104.84	2718.3
Stddev	11.7	23.	22.8	.82	15.1
%RSD	.66640	.05244	.54238	.78333	.55644

#1	1753.2	43281.	4179.5	104.26	2707.6
#2	1769.8	43249.	4211.6	105.42	2729.0

Sample Name: J4936-38 Acquired: 9/17/2018 17:09:34 Type: Unk
Method: P4-ICP2(v2435) 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	-.00321	-.00217	1.2092	.00271	.04400	.06713	.30280
Stddev	.00218	.00024	.0027	.00144	.00095	.00240	.00099
%RSD	67.943	11.280	.22523	53.187	2.1629	3.5760	.32741

#1	-.00167	-.00199	1.2112	.00169	.04467	.06883	.30350
#2	-.00475	-.00234	1.2073	.00373	.04333	.06543	.30210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01780	10.948	.01056	.00154	.64973	.02404
Stddev	.00004	.00015	.001	.00024	.00027	.00011	.00508
%RSD	45.987	.83659	.01026	2.3172	17.230	.01760	21.128

#1	.00011	.01791	10.947	.01073	.00173	.64981	.02763
#2	.00006	.01770	10.949	.01038	.00135	.64964	.02045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06206	4.4163	.00592	.00170	362.21	.00022	5.2858
Stddev	.00006	.0489	.00007	.00005	4.78	.00022	.0230
%RSD	.09048	1.1070	1.1075	2.7635	1.3190	98.871	.43460

#1	.06202	4.4508	.00596	.00167	365.58	.00037	5.3020
#2	.06210	4.3817	.00587	.00174	358.83	.00007	5.2695

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04478	-.00064	-.00555	.15355	.84298	.00086	.00206
Stddev	.06633	.00032	.00459	.00015	.00017	.00054	.00439
%RSD	148.13	50.722	82.721	.09957	.01984	62.727	213.36

#1	-.09167	-.00087	-.00879	.15344	.84310	.00124	-.00105
#2	.00212	-.00041	-.00230	.15366	.84286	.00048	.00516

Sample Name: J4936-38 Acquired: 9/17/2018 17:09:34 Type: Unk
 Method: P4-ICP2(v2435) 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	.05695	.0038	.02629	4.3361	F<.00000
Stddev	.00106	.0002	.00005	.3773	.87341
%RSD	1.8529	5.043	.18112	8.7004	42.503

#1	.05769	.0036	.02625	4.6029	-1.4374
#2	.05620	.0039	.02632	4.0693	-2.6725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.7	43420.	4167.2	105.01	2742.7
Stddev	3.3	166.	32.0	.55	9.8
%RSD	.18661	.38257	.76789	.52645	.35858

#1	1768.3	43302.	4144.6	104.62	2735.7
#2	1773.0	43537.	4189.9	105.40	2749.6

Sample Name: J4936-42 Acquired: 9/17/2018 17:13:41 Type: Unk
 Method: P4-ICP2(v2435) 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	-.00096	-.00246	.16859	.00293	.00652	.02539	.16307
Stddev	.00012	.00045	.00041	.00063	.00017	.01381	.00009
%RSD	12.832	18.331	.24365	21.500	2.5746	54.387	.05328

#1	-.00087	-.00278	.16830	.00337	.00640	.03515	.16313
#2	-.00105	-.00214	.16888	.00248	.00664	.01563	.16301

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00765	9.0145	.00986	.00394	.12014	.03151
Stddev	.00003	.00014	.0226	.00010	.00023	.00098	.00430
%RSD	46.881	1.8548	.25045	.99489	5.7588	.81572	13.660

#1	.00010	.00775	8.9986	.00993	.00410	.11945	.03455
#2	.00005	.00755	9.0305	.00979	.00378	.12084	.02847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14682	2.1768	.00965	.00167	413.69	.00070	.69641
Stddev	.00038	.0492	.00004	.00024	1.24	.00019	.00005
%RSD	.26129	2.2610	.40460	14.273	.29873	27.084	.00656

#1	.14655	2.1420	.00967	.00184	412.82	.00083	.69644
#2	.14709	2.2116	.00962	.00150	414.56	.00057	.69638

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12274	.00015	.00868	.10635	.54586	.00053	.00283
Stddev	.01421	.00023	.00117	.00523	.00089	.00153	.00014
%RSD	11.581	150.93	13.472	4.9193	.16221	291.46	5.0336

#1	-.13279	.00031	.00785	.11005	.54523	.00161	.00273
#2	-.11269	-.00001	.00950	.10265	.54648	-.00056	.00293

Sample Name: J4936-42 Acquired: 9/17/2018 17:13:41 Type: Unk
Method: P4-ICP2(v2435) 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	.08351	.0038	.03394	4.5712	F<.00000
Stddev	.00172	.0011	.00036	.1196	.00328
%RSD	2.0649	29.33	1.0608	2.6166	.13587

#1	.08229	.0030	.03419	4.6558	-2.4162
#2	.08473	.0046	.03368	4.4866	-2.4115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.0	43419.	4204.1	105.42	2730.8
Stddev	5.5	7.	8.3	.32	10.3
%RSD	.31098	.01649	.19702	.30641	.37639

#1	1763.1	43413.	4198.2	105.19	2723.6
#2	1770.9	43424.	4210.0	105.65	2738.1

Sample Name: PB112911BL Acquired: 9/17/2018 17:17:50 Type: Unk
Method: P4-ICP2(v2435) 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	.00036	.00020	-.00280	-.00142	-.00118	-.04201	-.00061
Stddev	.00105	.00044	.00037	.00046	.00005	.00679	.00031
%RSD	288.83	224.42	13.332	32.542	4.2449	16.164	51.660

#1	.00111	-.00012	-.00306	-.00109	-.00121	-.03721	-.00083
#2	-.00038	.00051	-.00254	-.00174	-.00114	-.04681	-.00038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00010	-.04531	-.00009	-.00112	-.00000	.02134
Stddev	.00009	.00007	.01284	.00026	.00004	.00011	.01578
%RSD	79.549	72.423	28.329	290.34	3.9584	4528.0	73.947

#1	.00005	-.00015	-.05439	.00010	-.00115	.00008	.03250
#2	.00017	-.00005	-.03623	-.00028	-.00108	-.00008	.01018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04398	.00042	.00172	.06869	.00009	-.00058
Stddev	.00003	.01229	.00043	.00041	.00027	.00050	.00001
%RSD	35.818	27.939	102.23	23.994	.39337	524.74	.87795

#1	-.00005	-.03530	.00072	.00201	.06888	-.00026	-.00059
#2	-.00009	-.05267	.00012	.00143	.06850	.00045	-.00058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.60078	.00005	-.01445	-.00775	.00633	-.00202	.00339
Stddev	.00257	.00019	.00096	.00089	.00312	.00036	.00036
%RSD	.42805	398.72	6.6096	11.531	49.343	17.689	10.700

#1	-.59896	.00018	-.01377	-.00711	.00854	-.00177	.00313
#2	-.60260	-.00008	-.01512	-.00838	.00412	-.00227	.00364

Sample Name: PB112911BL Acquired: 9/17/2018 17:17:50 Type: Unk
 Method: P4-ICP2(v2435) 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 .02627	-.0012	-.00095	F .55152	F<.00000
Stddev	.00692	.0006	.00008	.13465	.56925
%RSD	26.339	51.34	8.6633	24.414	9.9657

#1	.02138	-.0007	-.00101	.45631	-6.1146
#2	.03117	-.0016	-.00089	.64673	-5.3096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.8	48209.	4295.5	110.72	3311.3
Stddev	6.3	121.	11.2	.66	8.9
%RSD	.31762	.25166	.26122	.59802	.26857

#1	1982.3	48124.	4287.5	110.25	3305.0
#2	1991.2	48295.	4303.4	111.19	3317.6

Sample Name: PB112911BS Acquired: 9/17/2018 17:21:56 Type: Unk
Method: P4-ICP2(v2435) 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	.81094	2.0111	.99559	1.8364	.80185	1.8650	.22587
Stddev	.00202	.0023	.00342	.0033	.00532	.0098	.00090
%RSD	.24949	.11560	.34330	.18104	.66304	.52295	.39670

#1	.81237	2.0128	.99800	1.8387	.80561	1.8581	.22524
#2	.80951	2.0095	.99317	1.8340	.79809	1.8719	.22650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18975	.19746	1.0899	.38147	.19078	.31784	3.0891
Stddev	.00027	.00041	.0199	.00141	.00008	.00088	.0595
%RSD	.14400	.20678	1.8294	.37000	.04274	.27587	1.9267

#1	.18994	.19775	1.0758	.38247	.19072	.31846	3.1312
#2	.18956	.19717	1.1040	.38047	.19084	.31722	3.0470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20498	2.1618	.47319	.07297	3.3310	.30871	.21787
Stddev	.00022	.0899	.00068	.00085	.0002	.00036	.00337
%RSD	.10897	4.1601	.14342	1.1623	.00489	.11502	1.5474

#1	.20514	2.0982	.47367	.07237	3.3308	.30846	.22025
#2	.20482	2.2253	.47271	.07357	3.3311	.30896	.21548

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.579	.42572	.33326	F -.00711	1.0667	.64639	.21870
Stddev	.039	.00077	.00299	.00486	.0008	.00574	.00003
%RSD	.36788	.18026	.89808	68.404	.07001	.88751	.01255

#1	10.551	.42626	.33114	-.01055	1.0662	.65045	.21872
#2	10.606	.42517	.33537	-.00367	1.0672	.64234	.21868

Sample Name: PB112911BS Acquired: 9/17/2018 17:21:56 Type: Unk
Method: P4-ICP2(v2435) 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 1.9929	4.922	.23117	F 2.2695	F<.00000
Stddev	.0056	.006	.00031	.2172	.24841
%RSD	.28353	.1265	.13534	9.5692	4.0520

#1	1.9889	4.927	.23139	2.4231	-6.3062
#2	1.9969	4.918	.23095	2.1160	-5.9549

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.1	46595.	4187.7	105.77	3146.4
Stddev	12.7	189.	16.8	2.08	21.9
%RSD	.67400	.40496	.40049	1.9625	.69463

#1	1880.1	46461.	4175.8	104.31	3131.0
#2	1898.1	46728.	4199.5	107.24	3161.9

Sample Name: PB112915BL Acquired: 9/17/2018 17:25:47 Type: Unk
Method: P4-ICP2(v2435) 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	.00370	.00141	-.00330	-.00001	-.00035	-.06381	-.00147
Stddev	.00212	.00114	.00097	.00068	.00096	.00680	.00073
%RSD	57.194	80.391	29.310	8162.3	270.64	10.655	49.537

#1	.00220	.00061	-.00398	-.00049	-.00103	-.05900	-.00096
#2	.00520	.00222	-.00261	.00047	.00032	-.06862	-.00198

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00008	-.03432	-.00027	-.00084	.00013	.01234
Stddev	.00002	.00018	.00018	.00010	.00018	.00015	.00709
%RSD	11.123	221.92	.53223	36.230	21.366	119.11	57.423

#1	.00014	.00005	-.03445	-.00020	-.00072	.00002	.00733
#2	.00016	-.00020	-.03419	-.00035	-.00097	.00024	.01735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.03882	.00007	.00094	-.03677	-.00034	-.00067
Stddev	.00003	.03195	.00040	.00011	.00293	.00011	.00013
%RSD	31.601	82.316	605.52	12.088	7.9604	31.518	19.188

#1	-.00007	-.01622	.00035	.00103	-.03884	-.00041	-.00058
#2	-.00011	-.06142	-.00022	.00086	-.03470	-.00026	-.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.62461	.00004	-.00608	-.00322	.00866	-.00256	.00384
Stddev	.00225	.00011	.01243	.00293	.00199	.00027	.00098
%RSD	.35960	289.54	204.30	91.064	23.013	10.442	25.444

#1	-.62302	.00012	-.01487	-.00529	.01007	-.00275	.00315
#2	-.62620	-.00004	.00271	-.00115	.00725	-.00237	.00453

Sample Name: PB112915BL Acquired: 9/17/2018 17:25:47 Type: Unk
Method: P4-ICP2(v2435) 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 .03553	-.0025	-.00096	F .46624	F<.00000
Stddev	.01055	.0008	.00011	.46267	.43932
%RSD	29.681	32.76	11.478	99.236	8.6595

#1	.02808	-.0031	-.00103	.79340	-4.7626
#2	.04299	-.0019	-.00088	.13908	-5.3839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.2	48184.	4318.1	110.33	3309.6
Stddev	8.0	48.	14.6	.49	8.0
%RSD	.40050	.09915	.33815	.44668	.24103

#1	1982.5	48150.	4328.4	109.98	3304.0
#2	1993.8	48218.	4307.7	110.68	3315.3

Sample Name: PB112915BS Acquired: 9/17/2018 17:29:50 Type: Unk
Method: P4-ICP2(v2435) 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	.81438	2.0281	1.0052	1.8408	.80429	1.8771	.22740
Stddev	.00321	.0040	.0022	.0104	.00114	.0229	.00026
%RSD	.39409	.19488	.21426	.56513	.14174	1.2179	.11404

#1	.81665	2.0253	1.0067	1.8482	.80349	1.8609	.22721
#2	.81211	2.0309	1.0036	1.8335	.80510	1.8933	.22758

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19030	.19933	1.1003	.38397	.19310	.31594	3.0370
Stddev	.00008	.00059	.0157	.00095	.00028	.00133	.0036
%RSD	.04098	.29437	1.4266	.24793	.14306	.42138	.11761

#1	.19035	.19892	1.0892	.38464	.19329	.31688	3.0395
#2	.19024	.19975	1.1114	.38330	.19290	.31500	3.0344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20689	2.2175	.47834	.07331	3.3435	.31528	.21974
Stddev	.00015	.0369	.00061	.00011	.0223	.00177	.00159
%RSD	.07259	1.6626	.12717	.14782	.66777	.55995	.72344

#1	.20678	2.1914	.47877	.07338	3.3277	.31403	.22086
#2	.20700	2.2436	.47791	.07323	3.3593	.31653	.21861

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.630	.42821	.32369	F -.00695	1.0937	.65187	.21788
Stddev	.020	.00050	.00042	.00062	.0054	.00143	.00087
%RSD	.19203	.11711	.12876	8.9829	.49447	.21936	.39772

#1	10.616	.42785	.32339	-.00739	1.0899	.65086	.21850
#2	10.645	.42856	.32398	-.00651	1.0975	.65288	.21727

Sample Name: PB112915BS Acquired: 9/17/2018 17:29:50 Type: Unk
 Method: P4-ICP2(v2435) 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 1.9959	4.950	.23336	F 1.8356	F<.00000
Stddev	.0124	.000	.00049	.0771	.01149
%RSD	.62354	.0088	.21081	4.1992	.19250

#1	1.9871	4.950	.23301	1.8901	-5.9791
#2	2.0047	4.951	.23371	1.7811	-5.9628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.6	46811.	4224.3	108.54	3134.4
Stddev	11.4	174.	6.8	1.18	11.7
%RSD	.60643	.37250	.16039	1.0863	.37249

#1	1878.5	46687.	4219.5	107.71	3126.2
#2	1894.7	46934.	4229.1	109.37	3142.7

Sample Name: PB112915TB Acquired: 9/17/2018 17:33:42 Type: Unk
Method: P4-ICP2(v2435) 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	-.00375	-.00236	-.00056	.00325	.00086	-.03620	-.00138
Stddev	.00134	.00078	.00025	.00017	.00046	.00443	.00046
%RSD	35.779	33.293	43.676	5.0832	53.692	12.233	33.118

#1	-.00280	-.00180	-.00074	.00337	.00053	-.03307	-.00171
#2	-.00470	-.00291	-.00039	.00313	.00118	-.03933	-.00106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00009	.00856	.00011	-.00130	.00099	.02988
Stddev	.00006	.00014	.02842	.00038	.00015	.00003	.00104
%RSD	229.95	153.45	331.96	335.41	11.269	3.3093	3.4838

#1	-.00007	-.00020	.02866	-.00015	-.00140	.00097	.02915
#2	.00002	.00001	-.01153	.00038	-.00119	.00102	.03062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.05212	-.00068	.00147	F 356.39	-.00024	.00815
Stddev	.00001	.01987	.00011	.00009	.79	.00070	.00002
%RSD	8.2429	38.129	16.471	5.9621	.22138	287.49	.25229

#1	.00014	-.03807	-.00076	.00153	356.95	-.00074	.00814
#2	.00016	-.06617	-.00060	.00141	355.84	.00025	.00817

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.61718	.00036	-.00991	.00661	.01759	.00021	.00346
Stddev	.02148	.00006	.00265	.00253	.00414	.00064	.00046
%RSD	3.4803	17.680	26.710	38.227	23.548	301.69	13.334

#1	-.63236	.00041	-.00804	.00840	.01466	-.00024	.00313
#2	-.60199	.00032	-.01178	.00483	.02052	.00066	.00378

Sample Name: PB112915TB Acquired: 9/17/2018 17:33:42 Type: Unk
Method: P4-ICP2(v2435) 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	-.0002	-.00084	F 3.2646	F<.00000
Stddev	.00445	.0001	.00005	1.0182	.32870
%RSD	18.534	54.54	6.4206	31.188	12.776

#1	.02088	-.0002	-.00088	3.9846	-2.8052
#2	.02718	-.0001	-.00080	2.5447	-2.3403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.0	44583.	4223.9	104.97	2796.7
Stddev	8.5	755.	18.7	.37	13.8
%RSD	.47178	1.6945	.44240	.35724	.49280

#1	1801.9	44049.	4210.7	105.23	2786.9
#2	1814.0	45118.	4237.2	104.70	2806.4

Sample Name: CCV05 Acquired: 9/17/2018 17:37:51 Type: Unk
Method: P4-ICP2(v2435) 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	5.0019	4.9953	5.0099	4.7309	5.0189	9.5871	10.736
Stddev	.0272	.0036	.0040	.0032	.0047	.0118	.021
%RSD	.54450	.07210	.07884	.06766	.09411	.12326	.19586

#1	4.9826	4.9978	5.0071	4.7332	5.0156	9.5787	10.751
#2	5.0211	4.9927	5.0127	4.7286	5.0223	9.5954	10.721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24843	2.4997	25.533	.92203	2.4516	1.2711	4.9475
Stddev	.00068	.0006	.245	.00181	.0032	.0005	.0742
%RSD	.27448	.02214	.95928	.19666	.12982	.03925	1.5007

#1	.24794	2.5001	25.360	.92331	2.4494	1.2707	4.8950
#2	.24891	2.4993	25.706	.92075	2.4539	1.2714	5.0000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4451	26.496	2.4277	1.2419	26.891	2.4553	2.6467
Stddev	.0001	.056	.0011	.0021	.045	.0026	.0527
%RSD	.00489	.21054	.04703	.16861	.16715	.10758	1.9899

#1	2.4450	26.536	2.4285	1.2434	26.923	2.4535	2.6095
#2	2.4452	26.457	2.4269	1.2405	26.859	2.4572	2.6840

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.798	5.0099	5.4892	4.9506	F 5.6279	4.8591	5.0988
Stddev	.004	.0073	.0223	.0102	.0571	.0004	.0077
%RSD	.01381	.14552	.40553	.20680	1.0141	.00852	.15089

#1	26.795	5.0047	5.4735	4.9579	5.5876	4.8588	5.1042
#2	26.801	5.0150	5.5050	4.9434	5.6683	4.8594	5.0933

Sample Name: CCV05 Acquired: 9/17/2018 17:37:51 Type: Unk
 Method: P4-ICP2(v2435) 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	5.2612	4.792	F 5.6772	F 2.4357	F<.00000
Stddev	.0015	.004	.0029	.0735	.09149
%RSD	.02791	.0868	.05103	3.0162	2.4344

#1	5.2622	4.790	5.6751	2.3838	-3.6934
#2	5.2601	4.795	5.6792	2.4877	-3.8228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.8	46724.	4329.4	107.03	2982.5
Stddev	1.8	81.	16.7	1.92	5.8
%RSD	.09247	.17281	.38533	1.7893	.19352

#1	1936.6	46667.	4341.2	108.38	2978.4
#2	1939.1	46782.	4317.6	105.67	2986.6

Sample Name: CCB05 Acquired: 9/17/2018 17:41:36 Type: Unk
Method: P4-ICP2(v2435) 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	-.00085	.00063	-.00326	.00196	-.00093	-.04524	-.00067
Stddev	.00378	.00208	.00091	.00012	.00000	.00107	.00040
%RSD	445.69	330.70	27.990	6.1969	.24666	2.3596	60.172

#1	-.00352	.00210	-.00262	.00188	-.00093	-.04599	-.00095
#2	.00183	-.00084	-.00391	.00205	-.00093	-.04448	-.00038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00008	-.03355	-.00013	-.00053	.00093	.00856
Stddev	.00001	.00008	.01062	.00045	.00024	.00003	.00298
%RSD	18.309	101.54	31.654	344.19	44.307	2.8823	34.842

#1	.00009	-.00014	-.04106	.00019	-.00070	.00091	.00645
#2	.00007	-.00002	-.02604	-.00045	-.00037	.00095	.01067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04631	.00013	.00089	-.05110	.00004	-.00060
Stddev	.00001	.05911	.00013	.00096	.00568	.00015	.00014
%RSD	14.642	127.65	96.265	107.26	11.123	420.86	23.035

#1	-.00007	-.08811	.00023	.00157	-.04708	.00014	-.00070
#2	-.00006	-.00451	.00004	.00022	-.05512	-.00007	-.00051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.62142	.00079	-.01792	-.00762	.00847	-.00251	.00201
Stddev	.01542	.00014	.01503	.00364	.00287	.00108	.00154
%RSD	2.4816	17.389	83.863	47.832	33.929	42.931	76.408

#1	-.61051	.00089	-.02854	-.01020	.00644	-.00175	.00310
#2	-.63232	.00070	-.00729	-.00504	.01050	-.00328	.00093

Sample Name: CCB05 Acquired: 9/17/2018 17:41:36 Type: Unk
Method: P4-ICP2(v2435) 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 .03403	-.0018	-.00092	F 1.0581	F<.00000
Stddev	.01128	.0021	.00015	.2704	.17630
%RSD	33.162	117.3	16.027	25.554	3.3155

#1	.02605	-.0032	-.00082	1.2493	-5.4422
#2	.04201	-.0003	-.00103	.86690	-5.1929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.9	48140.	4312.9	107.23	3304.4
Stddev	5.7	45.	44.8	.26	1.8
%RSD	.28634	.09426	1.0383	.24678	.05304

#1	1983.9	48108.	4344.6	107.05	3303.2
#2	1992.0	48172.	4281.3	107.42	3305.7

Sample Name: J4907-01 Acquired: 9/17/2018 17:45:41 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.06453	-.00131	.81702	.00553	.01080	2.9993	.17830	.00032
Stddev	.00201	.00043	.00112	.00027	.00055	.0219	.00097	.00001
%RSD	3.1174	33.160	.13671	4.9570	5.0925	.72852	.54333	1.7660

#1	.06595	-.00100	.81781	.00533	.01041	3.0147	.17762	.00031
#2	.06311	-.00162	.81623	.00572	.01119	2.9838	.17899	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00754	76.297	.10408	.00537	3.0905	19.608	.70475	18.723
Stddev	.00018	.385	.00012	.00033	.0025	.070	.00172	.105
%RSD	2.3256	.50503	.11963	6.1578	.07994	.35945	.24384	.56163

#1	.00766	76.024	.10417	.00514	3.0888	19.657	.70597	18.649
#2	.00742	76.569	.10399	.00560	3.0923	19.558	.70353	18.798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07428	.00167	58.922	.01640	.94677	8.8301	.02144	.20647
Stddev	.00023	.00004	.052	.00009	.00213	.0251	.00018	.00620
%RSD	.31539	2.3236	.08877	.52786	.22498	.28378	.82902	3.0006

#1	.07444	.00164	58.959	.01646	.94828	8.8478	.02156	.20208
#2	.07411	.00170	58.885	.01634	.94527	8.8124	.02131	.21085

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9440	20.072	.00520	.13616	.15118	1.131	.49558	1.4166
Stddev	.0257	.139	.00080	.00186	.01120	.001	.00299	.1368
%RSD	.32419	.69472	15.464	1.3689	7.4064	.0841	.60264	9.6599

#1	7.9622	19.974	.00577	.13747	.15910	1.130	.49347	1.3198
#2	7.9258	20.171	.00463	.13484	.14327	1.131	.49770	1.5133

Sample Name: J4907-01 Acquired: 9/17/2018 17:45:41 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .16593
 Stddev .38587
 %RSD 232.55

#1 -.10692
 #2 .43879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.1	48066.	4549.5	112.52	3115.6
Stddev	.1	155.	25.2	.08	9.1
%RSD	.00278	.32348	.55391	.07049	.29367

#1	1989.1	47956.	4567.3	112.58	3109.1
#2	1989.2	48176.	4531.7	112.47	3122.0

Sample Name: PB112928BL Acquired: 9/17/2018 17:49:39 Type: Unk
Method: P4-ICP2(v2435) 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	.00215	.00037	-.00369	.00036	-.00047	-.04298	-.00036
Stddev	.00026	.00047	.00105	.00157	.00005	.00499	.00055
%RSD	11.947	127.01	28.507	440.32	10.533	11.609	150.41

#1	.00233	.00004	-.00444	-.00075	-.00043	-.03945	-.00075
#2	.00197	.00070	-.00295	.00147	-.00050	-.04651	.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00012	-.03184	-.00082	-.00088	.00047	.01342
Stddev	.00002	.00008	.00236	.00008	.00024	.00024	.00097
%RSD	54.527	64.912	7.4039	9.8235	26.753	51.627	7.2273

#1	.00005	-.00007	-.03017	-.00076	-.00105	.00064	.01274
#2	.00002	-.00018	-.03350	-.00087	-.00071	.00030	.01411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.02051	.00014	.00090	-.04780	.00012	-.00067
Stddev	.00000	.07802	.00017	.00038	.00349	.00004	.00006
%RSD	3.1711	380.35	122.67	42.515	7.3080	37.788	8.7385

#1	-.00009	.03465	.00026	.00063	-.04533	.00015	-.00071
#2	-.00008	-.07568	.00002	.00117	-.05027	.00009	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.59520	.00008	-.00888	-.00493	.00730	-.00283	.00245
Stddev	.00015	.00021	.01135	.00321	.00079	.00004	.00209
%RSD	.02537	248.78	127.88	65.138	10.779	1.4049	85.335

#1	-.59531	.00023	-.01691	-.00266	.00674	-.00280	.00394
#2	-.59510	-.00006	-.00085	-.00721	.00786	-.00286	.00097

Sample Name: PB112928BL Acquired: 9/17/2018 17:49:39 Type: Unk
 Method: P4-ICP2(v2435) 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 .03308	.0000	-.00086	F .73171	F<.00000
Stddev	.01015	.0024	.00014	.16398	.57755
%RSD	30.688	8901.	15.792	22.410	10.454

#1	.02590	.0017	-.00096	.84766	-5.9332
#2	.04026	-.0017	-.00076	.61577	-5.1164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.1	47794.	4264.7	109.75	3293.3
Stddev	9.3	101.	2.0	.73	8.8
%RSD	.46978	.21153	.04620	.66235	.26736

#1	1973.5	47723.	4263.3	110.26	3287.1
#2	1986.6	47865.	4266.1	109.24	3299.6

Sample Name: PB112916BL Acquired: 9/17/2018 17:57:36 Type: Unk
Method: P4-ICP2(v2435) 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	.00227	.00143	-.00301	.00029	-.00155	-.03859	-.00038
Stddev	.00280	.00028	.00002	.00107	.00147	.00991	.00008
%RSD	123.56	19.346	.80280	365.57	94.617	25.687	20.175

#1	.00029	.00162	-.00299	.00105	-.00259	-.04560	-.00033
#2	.00424	.00123	-.00303	-.00046	-.00051	-.03158	-.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00004	-.03918	.00010	-.00071	.00056	.00875
Stddev	.00007	.00007	.00929	.00016	.00014	.00017	.01171
%RSD	108.37	170.26	23.699	153.80	19.775	30.139	133.86

#1	.00001	-.00009	-.03262	.00021	-.00081	.00044	.01703
#2	.00011	.00001	-.04575	-.00001	-.00061	.00069	.00047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.02734	-.00012	.00110	-.07580	-.00015	-.00068
Stddev	.00002	.02369	.00051	.00033	.00187	.00009	.00020
%RSD	16.700	86.623	414.64	30.244	2.4623	59.360	29.044

#1	-.00010	.04409	-.00049	.00133	-.07448	-.00021	-.00054
#2	-.00008	.01059	.00024	.00086	-.07712	-.00008	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.62173	.00038	-.00610	-.00707	.00884	-.00243	.00278
Stddev	.03598	.00003	.00333	.00134	.00313	.00070	.00040
%RSD	5.7865	8.0599	54.552	19.022	35.402	28.883	14.356

#1	-.59629	.00041	-.00374	-.00802	.00662	-.00193	.00306
#2	-.64717	.00036	-.00845	-.00612	.01105	-.00292	.00249

Sample Name: PB112916BL Acquired: 9/17/2018 17:57:36 Type: Unk
 Method: P4-ICP2(v2435) 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 .04047	-.0027	-.00089	F 1.0703	F<.00000
Stddev	.00514	.0005	.00001	.6806	.26488
%RSD	12.699	18.25	.66479	63.593	4.4872

#1	.04411	-.0023	-.00088	.58902	-5.7156
#2	.03684	-.0030	-.00089	1.5516	-6.0902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.9	46968.	4201.6	107.27	3237.3
Stddev	3.8	130.	.9	.46	9.9
%RSD	.19502	.27667	.02234	.42999	.30524

#1	1948.2	47060.	4200.9	107.59	3230.3
#2	1953.6	46876.	4202.2	106.94	3244.3

Sample Name: PB112916BS Acquired: 9/17/2018 18:01:41 Type: Unk
Method: P4-ICP2(v2435) 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	.80666	2.0369	.99939	1.8305	.79308	1.9180	.22695
Stddev	.00102	.0006	.00403	.0150	.00166	.0131	.00086
%RSD	.12647	.02700	.40309	.81761	.20885	.68407	.37873

#1	.80594	2.0373	.99654	1.8411	.79425	1.9087	.22635
#2	.80738	2.0365	1.0022	1.8199	.79191	1.9273	.22756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19005	.19754	1.1027	.38131	.19093	.31445	3.1320
Stddev	.00039	.00008	.0044	.00191	.00022	.00163	.0449
%RSD	.20719	.03963	.39827	.50142	.11558	.51868	1.4328

#1	.18977	.19760	1.1058	.37996	.19078	.31330	3.1002
#2	.19033	.19748	1.0996	.38266	.19109	.31561	3.1637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20718	2.1738	.47231	.07272	3.2980	.31389	.22092
Stddev	.00021	.0633	.00089	.00023	.0058	.00216	.00119
%RSD	.09904	2.9124	.18757	.30984	.17654	.68918	.53874

#1	.20703	2.2186	.47169	.07288	3.2939	.31236	.22008
#2	.20732	2.1291	.47294	.07256	3.3022	.31542	.22177

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.681	.42233	.32767	F -.00699	1.0761	.64410	.21518
Stddev	.033	.00015	.01032	.00071	.0021	.00169	.00065
%RSD	.30814	.03463	3.1501	10.112	.19066	.26182	.30376

#1	10.658	.42223	.32038	-.00749	1.0776	.64529	.21564
#2	10.704	.42244	.33497	-.00649	1.0747	.64291	.21471

Sample Name: PB112916BS Acquired: 9/17/2018 18:01:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 2.0299	4.925	.23726	F 1.4007	F<.00000
Stddev	.0163	.030	.00114	.1974	.64978
%RSD	.80220	.6079	.48178	14.091	10.632

#1	2.0415	4.904	.23645	1.2611	-6.5711
#2	2.0184	4.946	.23807	1.5403	-5.6522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.1	46537.	4229.3	106.77	3159.9
Stddev	8.1	145.	9.7	.29	7.3
%RSD	.42310	.31237	.22867	.26742	.23249

#1	1898.4	46434.	4222.5	106.97	3154.7
#2	1909.7	46640.	4236.1	106.57	3165.1

Sample Name: PB112916TB Acquired: 9/17/2018 18:05:33 Type: Unk
Method: P4-ICP2(v2435) 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	-.00211	-.00165	-.00139	.00078	-.00178	-.04212	-.00076
Stddev	.00028	.00035	.00013	.00183	.00192	.00276	.00000
%RSD	13.448	21.044	9.2880	235.52	107.98	6.5535	.61772

#1	-.00191	-.00140	-.00148	.00207	-.00314	-.04407	-.00076
#2	-.00231	-.00190	-.00129	-.00052	-.00042	-.04017	-.00077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00015	-.01567	.00056	-.00122	.00073	.02103
Stddev	.00001	.00004	.00498	.00043	.00007	.00066	.00646
%RSD	16.388	25.391	31.759	76.956	5.3568	91.423	30.704

#1	-.00005	-.00013	-.01919	.00087	-.00127	.00120	.01646
#2	-.00007	-.00018	-.01215	.00026	-.00118	.00026	.02559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.07702	-.00068	.00090	F 354.00	-.00035	.00562
Stddev	.00004	.07537	.00024	.00006	3.72	.00060	.00005
%RSD	43.602	97.860	35.381	6.3450	1.0512	169.54	.85926

#1	.00013	-.13031	-.00051	.00094	351.37	.00007	.00565
#2	.00007	-.02372	-.00085	.00086	356.63	-.00078	.00558

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.54471	.00043	-.00391	.00516	.01764	-.00033	.00303
Stddev	.03204	.00004	.00766	.00310	.00112	.00018	.00253
%RSD	5.8823	10.166	195.90	59.953	6.3568	55.895	83.411

#1	-.56737	.00040	.00151	.00297	.01844	-.00020	.00482
#2	-.52205	.00046	-.00932	.00735	.01685	-.00046	.00124

Sample Name: PB112916TB Acquired: 9/17/2018 18:05:33 Type: Unk
 Method: P4-ICP2(v2435) 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	.05429	-.0011	-.00063	F 3.6698	F<.00000
Stddev	.00864	.0008	.00004	.0047	.37513
%RSD	15.922	74.00	6.3729	.12818	17.776

#1	.04818	-.0016	-.00065	3.6665	-2.3755
#2	.06040	-.0005	-.00060	3.6731	-1.8450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.1	43577.	4212.5	107.57	2811.2
Stddev	3.7	20.	27.8	3.51	1.2
%RSD	.20444	.04492	.65969	3.2632	.04207

#1	1819.5	43591.	4232.1	105.09	2810.4
#2	1824.8	43563.	4192.8	110.06	2812.0

Sample Name: J4907-01DUP Acquired: 9/17/2018 18:09:44 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.06342	-.00044	.82213	.00145	.00942	3.0460	.18023	.00037
Stddev	.00378	.00095	.00305	.00017	.00073	.0217	.00085	.00004
%RSD	5.9646	217.55	.37151	11.931	7.6944	.71132	.47056	10.958

#1	.06610	-.00111	.82429	.00157	.00994	3.0307	.18083	.00040
#2	.06075	.00023	.81997	.00132	.00891	3.0614	.17963	.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00750	76.790	.11886	.00590	3.0954	19.942	.71730	18.767
Stddev	.00008	.328	.00015	.00003	.0135	.027	.00014	.091
%RSD	1.0551	.42728	.12735	.58007	.43538	.13761	.01985	.48407

#1	.00744	77.022	.11875	.00592	3.1049	19.922	.71720	18.832
#2	.00755	76.558	.11896	.00588	3.0858	19.961	.71740	18.703

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08274	.00106	59.178	.01658	.95352	8.8633	.02322	.20297
Stddev	.00046	.00069	.140	.00008	.00027	.0272	.00025	.00294
%RSD	.55215	64.652	.23666	.50055	.02839	.30720	1.0741	1.4493

#1	.08306	.00058	59.277	.01664	.95332	8.8825	.02340	.20089
#2	.08241	.00155	59.079	.01652	.95371	8.8440	.02305	.20505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9750	20.232	.00540	.13847	.19173	1.145	.50223	1.6710
Stddev	.0082	.140	.00026	.00078	.00835	.003	.00218	.0183
%RSD	.10328	.69244	4.7359	.56452	4.3548	.2826	.43431	1.0946

#1	7.9808	20.331	.00558	.13792	.19763	1.143	.50378	1.6840
#2	7.9692	20.133	.00522	.13902	.18583	1.148	.50069	1.6581

Sample Name: J4907-01DUP Acquired: 9/17/2018 18:09:44 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.80637
Stddev	.34057
%RSD	42.235

#1	1.0472
#2	.56555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.1	47809.	4538.5	111.99	3123.0
Stddev	4.3	22.	23.5	.25	3.1
%RSD	.21490	.04616	.51768	.22165	.09783

#1	1997.0	47793.	4521.9	112.17	3120.9
#2	2003.1	47824.	4555.1	111.82	3125.2

Sample Name: J4907-01LX5 Acquired: 9/17/2018 18:13:41 Type: Unk
Method: P4-ICP2(v2435) 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	.01420	.00081	.16727	-.00010	-.00019	.58938	.03675
Stddev	.00227	.00127	.00194	.00209	.00048	.00457	.00148
%RSD	15.976	158.37	1.1573	2093.6	259.61	.77561	4.0277

#1	.01580	-.00010	.16864	-.00158	.00016	.59261	.03779
#2	.01260	.00171	.16590	.00138	-.00053	.58615	.03570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00139	15.854	.00576	.00043	.66129	3.9653
Stddev	.00007	.00004	.581	.00038	.00051	.00077	.1717
%RSD	40.533	2.7163	3.6656	6.5866	120.79	.11660	4.3295

#1	.00013	.00142	16.265	.00603	.00006	.66183	4.0867
#2	.00024	.00137	15.443	.00549	.00079	.66074	3.8439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15225	3.6785	.00513	.00109	11.853	.00344	.19533
Stddev	.00069	.1053	.00004	.00000	.425	.00015	.00873
%RSD	.45596	2.8620	.69491	.43132	3.5822	4.2386	4.4706

#1	.15274	3.7530	.00515	.00109	12.153	.00334	.20150
#2	.15176	3.6041	.00510	.00110	11.553	.00355	.18915

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3024	.00267	.03589	1.5422	4.2759	-.00191	.02920
Stddev	.0227	.00033	.00241	.0010	.1320	.00089	.00027
%RSD	1.7440	12.226	6.7262	.06685	3.0861	46.779	.93225

#1	1.3185	.00290	.03759	1.5429	4.3693	-.00254	.02900
#2	1.2864	.00244	.03418	1.5415	4.1826	-.00128	.02939

Sample Name: J4907-01LX5 Acquired: 9/17/2018 18:13:41 Type: Unk
Method: P4-ICP2(v2435) 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	.08061	.2270	.10392	1.6661	F<.00000
Stddev	.01244	.0010	.00351	.0949	.40316
%RSD	15.427	.4333	3.3752	5.6935	8.3232

#1	.08941	.2277	.10640	1.5990	-4.5587
#2	.07182	.2263	.10144	1.7332	-5.1289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.9	46106.	4358.9	109.91	3168.9
Stddev	1.8	147.	126.1	4.89	6.7
%RSD	.09387	.31870	2.8930	4.4524	.21138

#1	1953.6	46002.	4269.7	106.45	3164.1
#2	1956.2	46210.	4448.1	113.37	3173.6

Sample Name: J4907-01MS Acquired: 9/17/2018 18:17:41 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.90643	2.1250	1.8441	1.9676	.82084	5.0923	.39530	.21341
Stddev	.00056	.0071	.0043	.0065	.00333	.0414	.00005	.00027
%RSD	.06207	.33316	.23271	.33069	.40621	.81222	.01214	.12813
#1	.90603	2.1300	1.8471	1.9722	.82319	5.0630	.39526	.21321
#2	.90682	2.1200	1.8411	1.9630	.81848	5.1215	.39533	.21360
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21605	75.966	.41673	.20077	3.3017	22.063	.89462	20.355
Stddev	.00026	.225	.00070	.00075	.0056	.055	.00056	.031
%RSD	.11806	.29657	.16792	.37409	.16870	.25018	.06311	.15373
#1	.21623	76.125	.41623	.20130	3.2978	22.102	.89502	20.377
#2	.21587	75.807	.41722	.20024	3.3056	22.024	.89422	20.332
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51604	.07626	61.414	.32534	1.1327	19.919	.41541	.54282
Stddev	.00015	.00009	.211	.00185	.0054	.010	.00030	.01071
%RSD	.02923	.11281	.34371	.56824	.47396	.05239	.07260	1.9723
#1	.51593	.07620	61.563	.32404	1.1365	19.926	.41520	.53525
#2	.51615	.07632	61.264	.32665	1.1289	19.912	.41563	.55039
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7596	21.040	.68141	.34282	2.1239	6.766	.72167	2.5495
Stddev	.0138	.170	.00436	.00235	.0048	.008	.00139	.0225
%RSD	.17805	.80576	.63952	.68479	.22746	.1208	.19209	.88185
#1	7.7498	21.159	.68449	.34448	2.1204	6.772	.72069	2.5336
#2	7.7694	20.920	.67833	.34116	2.1273	6.760	.72265	2.5654

Sample Name: J4907-01MS Acquired: 9/17/2018 18:17:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .05868
%RSD 10.666

#1 -.59165
#2 -.50866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.0	47320.	4493.2	112.42	3088.6
Stddev	1.6	28.	20.3	.47	1.7
%RSD	.08177	.05862	.45101	.41773	.05594

#1	1988.2	47339.	4478.9	112.09	3089.8
#2	1985.9	47300.	4507.5	112.76	3087.4

Sample Name: J4907-01MSD Acquired: 9/17/2018 18:21:30 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.90694	2.1347	1.8438	1.9815	.82324	5.0868	.39305	.21120
Stddev	.00217	.0078	.0016	.0131	.00076	.0053	.00063	.00050
%RSD	.23888	.36779	.08616	.65993	.09272	.10457	.15941	.23883

#1	.90847	2.1403	1.8426	1.9722	.82378	5.0830	.39349	.21155
#2	.90541	2.1292	1.8449	1.9907	.82270	5.0905	.39260	.21084

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21506	75.740	.41351	.20073	3.3048	21.819	.88865	20.231
Stddev	.00008	.256	.00075	.00033	.0144	.242	.00193	.057
%RSD	.03686	.33791	.18023	.16295	.43659	1.1081	.21771	.28405

#1	.21511	75.921	.41404	.20050	3.3150	21.648	.89002	20.191
#2	.21500	75.559	.41298	.20096	3.2946	21.990	.88728	20.272

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51456	.07622	61.223	.32372	1.1203	19.818	.41439	.53813
Stddev	.00071	.00012	.166	.00022	.0136	.114	.00129	.00183
%RSD	.13871	.16006	.27076	.06748	1.2172	.57569	.31182	.34055

#1	.51507	.07630	61.340	.32388	1.1107	19.899	.41531	.53683
#2	.51406	.07613	61.106	.32357	1.1300	19.737	.41348	.53943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7708	20.881	.68100	.33899	2.0961	6.793	.71970	2.1270
Stddev	.0005	.019	.00248	.00379	.0200	.007	.00371	.4426
%RSD	.00636	.08937	.36476	1.1183	.95586	.1069	.51517	20.811

#1	7.7704	20.868	.68276	.34167	2.0819	6.798	.72233	1.8140
#2	7.7711	20.894	.67925	.33631	2.1103	6.788	.71708	2.4401

Sample Name: J4907-01MSD Acquired: 9/17/2018 18:21:30 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .15770
%RSD 35.048

#1 -.56147
#2 -.33844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.6	47425.	4508.7	113.33	3094.3
Stddev	6.7	50.	6.0	1.42	12.3
%RSD	.33675	.10641	.13316	1.2503	.39764

#1	1978.9	47461.	4512.9	114.33	3085.6
#2	1988.3	47390.	4504.4	112.33	3103.0

Sample Name: CCV06 Acquired: 9/17/2018 18:25:19 Type: Unk
Method: P4-ICP2(v2435) 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	4.9266	5.0443	4.9701	4.8275	4.9757	9.7394	10.706
Stddev	.0141	.0134	.0013	.0233	.0231	.0097	.002
%RSD	.28558	.26475	.02611	.48283	.46438	.09957	.01512

#1	4.9366	5.0537	4.9692	4.8440	4.9920	9.7463	10.707
#2	4.9167	5.0348	4.9711	4.8111	4.9593	9.7325	10.705

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24842	2.4699	25.406	.98094	2.4288	1.2562	4.8512
Stddev	.00049	.0021	.053	.00346	.0007	.0059	.0126
%RSD	.19801	.08427	.20862	.35300	.03035	.46925	.26036

#1	.24877	2.4714	25.369	.97849	2.4293	1.2603	4.8601
#2	.24807	2.4685	25.444	.98339	2.4283	1.2520	4.8422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4739	26.031	2.3985	1.2318	26.756	2.4731	2.5640
Stddev	.0006	.163	.0046	.0008	.015	.0044	.0035
%RSD	.02526	.62770	.19227	.06297	.05614	.17864	.13696

#1	2.4734	25.916	2.4018	1.2323	26.746	2.4762	2.5665
#2	2.4743	26.147	2.3952	1.2312	26.767	2.4700	2.5615

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.541	4.9506	5.4921	4.9100	F 5.6911	4.7800	5.0046
Stddev	.087	.0191	.0203	.0160	.0006	.0041	.0038
%RSD	.32888	.38645	.37037	.32614	.01029	.08494	.07646

#1	26.480	4.9642	5.4777	4.9213	5.6915	4.7829	5.0073
#2	26.603	4.9371	5.5065	4.8987	5.6907	4.7771	5.0019

Sample Name: CCV06 Acquired: 9/17/2018 18:25:19 Type: Unk
 Method: P4-ICP2(v2435) 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	5.0953	4.767	F 5.7735	F 3.3895	F<.00000
Stddev	.0187	.010	.0117	.0260	.37172
%RSD	.36693	.2133	.20339	.76628	8.9269

#1	5.1086	4.759	5.7818	3.3712	-4.4269
#2	5.0821	4.774	5.7652	3.4079	-3.9012

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.3	45838.	4274.2	108.44	2985.5
Stddev	11.7	113.	16.1	.39	12.7
%RSD	.60450	.24720	.37561	.35700	.42694

#1	1930.0	45758.	4262.9	108.17	2976.5
#2	1946.6	45918.	4285.6	108.72	2994.5

Sample Name: CCB06 Acquired: 9/17/2018 18:29:03 Type: Unk
Method: P4-ICP2(v2435) 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	.00279	.00291	-.00319	.00248	-.00126	-.02840	.00048
Stddev	.00395	.00085	.00020	.00119	.00119	.00438	.00001
%RSD	141.81	29.208	6.1173	48.086	94.101	15.410	2.9587

#1	.00558	.00351	-.00305	.00332	-.00042	-.03150	.00047
#2	-.00001	.00231	-.00333	.00164	-.00210	-.02531	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00005	-.03405	-.00003	-.00068	.00063	.01927
Stddev	.00005	.00005	.00616	.00034	.00002	.00032	.00035
%RSD	40.078	88.994	18.096	1113.1	2.2994	49.695	1.8025

#1	.00014	-.00002	-.02969	-.00027	-.00067	.00086	.01903
#2	.00008	-.00009	-.03841	.00021	-.00069	.00041	.01952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00436	-.00028	.00079	-.05541	-.00037	-.00079
Stddev	.00008	.00662	.00029	.00032	.01262	.00043	.00006
%RSD	200.99	151.85	103.31	40.229	22.778	116.52	6.9937

#1	.00002	-.00904	-.00049	.00102	-.04648	-.00067	-.00075
#2	-.00010	.00032	-.00008	.00057	-.06433	-.00006	-.00083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.56149	.00068	.00354	-.00457	.01115	-.00351	.00458
Stddev	.01114	.00037	.00811	.00493	.00259	.00004	.00004
%RSD	1.9845	55.231	229.17	107.92	23.272	1.1787	.83775

#1	-.55361	.00094	.00928	-.00108	.00931	-.00354	.00456
#2	-.56937	.00041	-.00220	-.00806	.01298	-.00348	.00461

Sample Name: CCB06 Acquired: 9/17/2018 18:29:03 Type: Unk
Method: P4-ICP2(v2435) 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 .05152	-.0007	-.00071	F 1.1008	F<.00000
Stddev	.00515	.0014	.00005	.2502	.56444
%RSD	9.9906	208.3	7.6726	22.731	11.625

#1	.05516	.0003	-.00067	1.2777	-5.2547
#2	.04788	-.0017	-.00074	.92385	-4.4565

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.5	47225.	4258.0	110.13	3332.6
Stddev	6.3	8.	11.3	1.47	5.2
%RSD	.31446	.01739	.26653	1.3376	.15517

#1	2005.1	47219.	4266.0	111.17	3328.9
#2	2014.0	47231.	4250.0	109.09	3336.3

Sample Name: J4907-01A Acquired: 9/17/2018 18:33:07 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.89187	2.1175	1.8312	1.9653	.81435	5.1465	.39242	.21336	.21495
Stddev	.00413	.0020	.0004	.0084	.00019	.0742	.00274	.00141	.00003
%RSD	.46278	.09240	.02180	.42520	.02324	1.4414	.69916	.66256	.01503

#1	.88895	2.1161	1.8310	1.9712	.81448	5.1990	.39436	.21436	.21493
#2	.89479	2.1189	1.8315	1.9594	.81421	5.0941	.39048	.21236	.21497

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.742	.41640	.19937	3.2817	21.629	.89924	20.448	.51235	.07663
Stddev	.232	.00331	.00042	.0071	.133	.00554	.108	.00001	.00042
%RSD	.30193	.79520	.20890	.21699	.61679	.61557	.52881	.00190	.54574

#1	76.906	.41874	.19908	3.2767	21.724	.90316	20.524	.51234	.07692
#2	76.578	.41406	.19967	3.2867	21.535	.89533	20.371	.51235	.07633

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	61.441	.32797	1.1113	20.025	.41176	.53383	7.7119	21.062	.67701
Stddev	.288	.00082	.0009	.078	.00047	.01432	.0146	.016	.00270
%RSD	.46817	.25143	.08412	.38806	.11398	2.6823	.18941	.07727	.39860

#1	61.645	.32855	1.1120	20.080	.41209	.52370	7.7222	21.073	.67892
#2	61.238	.32738	1.1107	19.970	.41143	.54395	7.7016	21.050	.67510

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33922	2.0991	6.727	.72882	2.1997	.67387
Stddev	.00185	.0010	.006	.00174	.8050	.43167
%RSD	.54559	.05009	.0907	.23844	36.597	64.059

#1	.34053	2.0984	6.732	.73005	2.7690	.97910
#2	.33792	2.0999	6.723	.72759	1.6305	.36863

Sample Name: J4907-01A Acquired: 9/17/2018 18:33:07 Type: Unk
Method: P4-ICP2(v2435) 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	1993.7	47074.	4467.0	114.19	3103.5
Stddev	3.2	293.	12.4	.12	5.5
%RSD	.16222	.62150	.27771	.10146	.17791
#1	1996.0	46867.	4475.8	114.27	3107.4
#2	1991.4	47281.	4458.2	114.11	3099.6

Sample Name: J4907-03 Acquired: 9/17/2018 18:36:56 Type: Unk
Method: P4-ICP2(v2435) 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	.03390	.00121	.13417	.00532	.00588	.65351	.12212
Stddev	.00316	.00185	.00015	.00217	.00183	.01509	.00021
%RSD	9.3097	153.49	.11196	40.846	31.111	2.3085	.17146

#1	.03613	-.00010	.13406	.00685	.00459	.66418	.12227
#2	.03167	.00252	.13427	.00378	.00718	.64284	.12197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00151	77.878	.00259	.00037	1.4975	3.6111
Stddev	.00003	.00011	.466	.00034	.00011	.0030	.0560
%RSD	26.825	7.5769	.59817	12.985	30.690	.20300	1.5501

#1	.00013	.00143	78.208	.00283	.00045	1.4953	3.5716
#2	.00009	.00159	77.549	.00235	.00029	1.4996	3.6507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55179	17.563	.00333	.00066	62.646	.00405	.37038
Stddev	.00093	.030	.00006	.00013	.336	.00091	.00281
%RSD	.16821	.17169	1.6721	19.193	.53595	22.416	.75991

#1	.55244	17.585	.00329	.00075	62.884	.00470	.36839
#2	.55113	17.542	.00337	.00057	62.409	.00341	.37237

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9447	.01265	.23118	8.0719	16.703	-.00521	.02074
Stddev	.0417	.00033	.00056	.0365	.152	.00109	.00046
%RSD	.46621	2.5992	.24310	.45238	.90747	20.977	2.2217

#1	8.9742	.01241	.23158	8.0977	16.810	-.00598	.02107
#2	8.9152	.01288	.23078	8.0460	16.596	-.00444	.02042

Sample Name: J4907-03 Acquired: 9/17/2018 18:36:56 Type: Unk
 Method: P4-ICP2(v2435) 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	.15991	.4894	.50568	2.9244	F<.00000
Stddev	.00416	.0001	.00109	.3631	.68141
%RSD	2.5986	.0267	.21541	12.416	14.698

#1	.15698	.4893	.50645	2.6676	-4.1542
#2	.16285	.4895	.50491	3.1811	-5.1178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.8	46724.	4440.1	112.41	3128.1
Stddev	1.7	128.	34.0	.84	10.0
%RSD	.08568	.27351	.76646	.74335	.32034

#1	1987.6	46633.	4416.0	113.00	3121.0
#2	1990.0	46814.	4464.1	111.82	3135.1

Sample Name: J4907-05 Acquired: 9/17/2018 18:40:55 Type: Unk
Method: P4-ICP2(v2435) 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	12.036	-.04866	1.3357	-.07159	.02177	35.060	6.5099
Stddev	.004	.00460	.0059	.00269	.00129	.155	.0070
%RSD	.03693	9.4501	.44086	3.7510	5.9446	.44326	.10797

#1	12.039	-.04541	1.3316	-.07349	.02268	35.170	6.5049
#2	12.033	-.05191	1.3399	-.06969	.02085	34.950	6.5149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01076	.08390	135.81	.30256	.02547	2.4377	F 1064.8
Stddev	.00032	.00012	.03	.00304	.00091	.0089	5.4
%RSD	2.9315	.14861	.02405	1.0041	3.5694	.36302	.51088

#1	.01098	.08381	135.83	.30470	.02611	2.4314	1068.6
#2	.01054	.08398	135.79	.30041	.02482	2.4439	1060.9

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.018	46.851	.20034	-.00129	114.86	.34752	30.832
Stddev	.044	.182	.00290	.00111	.12	.00160	.256
%RSD	.26054	.38792	1.4490	85.913	.10259	.46040	.82902

#1	17.049	46.980	.19828	-.00051	114.78	.34639	31.012
#2	16.986	46.723	.20239	-.00207	114.94	.34866	30.651

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.126	-.00793	.42797	15.816	78.516	.05124	.96067
Stddev	.058	.00011	.01055	.056	.353	.00168	.00359
%RSD	.48147	1.3751	2.4656	.35143	.45023	3.2792	.37385

#1	12.085	-.00800	.43543	15.855	78.266	.05243	.95813
#2	12.167	-.00785	.42051	15.776	78.766	.05005	.96321

Sample Name: J4907-05 Acquired: 9/17/2018 18:40:55 Type: Unk
Method: P4-ICP2(v2435) 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	.38512	F 168.1	.86345	F<.00000	F<.00000
Stddev	.00762	.3	.00086	.48875	.33353
%RSD	1.9794	.1607	.09971	.87582	.36127

#1	.37973	168.3	.86406	-55.459	-92.557
#2	.39051	167.9	.86284	-56.151	-92.086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.7	46691.	4715.4	108.34	2551.5
Stddev	4.1	60.	12.8	.57	2.6
%RSD	.21150	.12828	.27222	.52655	.10001

#1	1933.6	46649.	4724.5	107.94	2553.3
#2	1927.8	46733.	4706.3	108.75	2549.7

Sample Name: J4907-07 Acquired: 9/17/2018 18:44:56 Type: Unk
Method: P4-ICP2(v2435) 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	3.6593	-.00958	.89640	-.01084	.01621	9.3175	1.3741
Stddev	.0105	.00134	.00060	.00133	.00023	.0020	.0027
%RSD	.28640	13.938	.06686	12.318	1.3906	.02179	.19374

#1	3.6519	-.00864	.89597	-.00989	.01605	9.3190	1.3760
#2	3.6667	-.01053	.89682	-.01178	.01637	9.3161	1.3722

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	.01274	115.51	.03346	.00914	.76098	262.47
Stddev	.00007	.00031	.55	.00099	.00022	.00039	.29
%RSD	3.0721	2.4559	.48040	2.9530	2.4074	.05117	.11073

#1	.00223	.01252	115.90	.03416	.00930	.76125	262.68
#2	.00233	.01296	115.12	.03276	.00899	.76070	262.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5129	26.181	.04757	.00347	49.961	.04531	4.1783
Stddev	.0017	.102	.00091	.00009	.082	.00005	.0188
%RSD	.03686	.39101	1.9112	2.5964	.16317	.10329	.45026

#1	4.5117	26.109	.04693	.00353	50.019	.04528	4.1916
#2	4.5141	26.254	.04821	.00340	49.904	.04535	4.1650

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.313	.00831	.25776	13.453	42.674	.01860	.33267
Stddev	.079	.00005	.00466	.028	.213	.00046	.00092
%RSD	.76376	.56732	1.8076	.20906	.49816	2.4691	.27527

#1	10.369	.00828	.25446	13.433	42.824	.01827	.33332
#2	10.258	.00835	.26105	13.473	42.523	.01892	.33203

Sample Name: J4907-07 Acquired: 9/17/2018 18:44:56 Type: Unk
Method: P4-ICP2(v2435) 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	.22134	17.56	.89753	F<.00000	5.5321
Stddev	.00219	.07	.00314	.00941	.8465
%RSD	.98725	.3868	.34975	.11451	15.301

#1	.21979	17.51	.89975	-8.2256	4.9336
#2	.22288	17.61	.89531	-8.2123	6.1307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.1	46260.	4483.3	109.12	2938.3
Stddev	6.5	21.	25.8	.36	16.2
%RSD	.33374	.04579	.57516	.32704	.55072

#1	1957.7	46275.	4465.1	108.87	2949.7
#2	1948.5	46245.	4501.6	109.37	2926.9

Sample Name: J4907-09 Acquired: 9/17/2018 18:48:49 Type: Unk
Method: P4-ICP2(v2435) 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	.46967	-.00625	1.0131	-.00258	.02664	1.2528	.42099
Stddev	.00056	.00153	.0044	.00385	.00278	.0163	.00030
%RSD	.11958	24.542	.43094	149.29	10.454	1.2987	.07209

#1	.46927	-.00733	1.0162	.00014	.02861	1.2413	.42077
#2	.47006	-.00516	1.0101	-.00530	.02467	1.2643	.42120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.00178	69.222	.00101	.00169	16.740	156.16
Stddev	.00018	.00017	.544	.00032	.00020	.007	.09
%RSD	16.616	9.2983	.78555	31.924	11.808	.03900	.05493

#1	.00120	.00166	68.837	.00124	.00154	16.745	156.22
#2	.00095	.00190	69.606	.00078	.00183	16.735	156.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8776	19.487	.00695	.00035	38.014	.01173	1.0123
Stddev	.0027	.145	.00070	.00057	.235	.00016	.0010
%RSD	.05442	.74315	10.036	162.31	.61809	1.3392	.10256

#1	4.8758	19.590	.00646	-.00005	37.848	.01184	1.0131
#2	4.8795	19.385	.00745	.00075	38.180	.01162	1.0116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7068	.01051	.23142	13.687	34.645	.01966	.05802
Stddev	.0314	.00012	.01249	.017	.308	.00012	.00038
%RSD	.40692	1.1349	5.3968	.12156	.88934	.61916	.66297

#1	7.7290	.01060	.22258	13.699	34.427	.01975	.05775
#2	7.6847	.01043	.24025	13.675	34.863	.01957	.05829

Sample Name: J4907-09 Acquired: 9/17/2018 18:48:49 Type: Unk
 Method: P4-ICP2(v2435) 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	.19008	3.629	.44957	F<.00000	9.4580
Stddev	.01202	.006	.00168	.42280	.7632
%RSD	6.3258	.1629	.37296	12.164	8.0694

#1	.18158	3.625	.44839	-3.1767	8.9183
#2	.19858	3.633	.45076	-3.7747	9.9977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.9	46306.	4448.1	111.30	3045.9
Stddev	.8	4.	29.9	.17	1.9
%RSD	.04058	.00774	.67151	.14859	.06397

#1	1908.4	46308.	4469.2	111.18	3047.2
#2	1909.5	46303.	4426.9	111.42	3044.5

Sample Name: J4907-11 Acquired: 9/17/2018 18:52:46 Type: Unk
Method: P4-ICP2(v2435) 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	.01298	.00294	.00899	.00899	.00070	-.00074	.10103
Stddev	.00554	.00056	.00190	.00224	.00145	.00007	.00065
%RSD	42.694	19.166	21.133	24.919	206.19	9.1005	.64090

#1	.00906	.00254	.00765	.00740	.00173	-.00069	.10148
#2	.01690	.00333	.01034	.01057	-.00032	-.00078	.10057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00010	65.653	.00063	-.00005	.00972	.60129
Stddev	.00003	.00004	.185	.00009	.00010	.00122	.00709
%RSD	23.719	43.537	.28156	13.816	188.82	12.560	1.1784

#1	.00011	-.00007	65.783	.00057	-.00012	.00886	.60630
#2	.00015	-.00013	65.522	.00069	.00002	.01059	.59627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15580	17.899	.00009	.00023	38.643	.00161	.08557
Stddev	.00045	.029	.00045	.00009	.168	.00000	.00007
%RSD	.28651	.16223	481.98	40.092	.43470	.10187	.08511

#1	.15611	17.919	.00042	.00017	38.762	.00161	.08551
#2	.15548	17.878	-.00023	.00030	38.524	.00161	.08562

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6930	.00660	.21065	11.667	18.858	-.00745	.00006
Stddev	.0332	.00013	.00427	.473	.090	.00015	.00287
%RSD	.43127	1.8990	2.0292	4.0524	.47751	2.0750	4676.6

#1	7.7164	.00651	.21368	11.333	18.794	-.00734	-.00197
#2	7.6695	.00669	.20763	12.002	18.922	-.00756	.00209

Sample Name: J4907-11 Acquired: 9/17/2018 18:52:46 Type: Unk
 Method: P4-ICP2(v2435) 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	.22385	.0854	.36785	2.9189	F<.00000
Stddev	.01035	.0047	.00212	.0267	.28530
%RSD	4.6238	5.495	.57713	.91501	5.3780

#1	.21653	.0821	.36935	2.9378	-5.1032
#2	.23117	.0888	.36635	2.9000	-5.5066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.8	46663.	4418.1	110.78	3095.7
Stddev	67.2	72.	25.9	1.27	103.2
%RSD	3.4535	.15522	.58688	1.1475	3.3347

#1	1992.3	46612.	4436.4	109.88	3168.7
#2	1897.3	46714.	4399.7	111.68	3022.7

Sample Name: J4773-01 Acquired: 9/17/2018 18:56:48 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04790	-.02393	.78491	-.00362	-.00216	130.39	.65011
Stddev	.00084	.00143	.00128	.00641	.00085	.09	.00114
%RSD	1.7528	5.9803	.16256	177.05	39.229	.06989	.17522

#1	.04730	-.02495	.78401	-.00815	-.00275	130.33	.65091
#2	.04849	-.02292	.78581	.00091	-.00156	130.46	.64930

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	.00474	51.491	.20960	.12072	.42946	252.66
Stddev	.00011	.00016	.008	.00265	.00012	.00038	.05
%RSD	1.7180	3.3054	.01571	1.2623	.09801	.08964	.02045

#1	.00629	.00463	51.485	.21147	.12064	.42919	252.69
#2	.00644	.00486	51.497	.20773	.12081	.42973	252.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8301	52.884	.21662	.00169	6.8336	.38658	.72814
Stddev	.0012	.001	.00018	.00058	.0169	.00101	.00084
%RSD	.04242	.00258	.08261	34.327	.24789	.26248	.11552

#1	2.8310	52.885	.21674	.00210	6.8217	.38730	.72873
#2	2.8293	52.883	.21649	.00128	6.8456	.38587	.72754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.852	.00324	.13322	9.1129	3.5582	.00914	3.7067
Stddev	.068	.00012	.00376	.0191	.0070	.00120	.0109
%RSD	.42941	3.7776	2.8227	.21006	.19657	13.126	.29490

#1	15.900	.00315	.13587	9.0994	3.5632	.00829	3.6990
#2	15.804	.00332	.13056	9.1264	3.5533	.00999	3.7144

Sample Name: J4773-01 Acquired: 9/17/2018 18:56:48 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3531	7.412	.19022	F<.00000	<.00000
Stddev	.0013	.033	.00007	.19709	.48400
%RSD	.09752	.4491	.03690	1.7371	61.177

#1	1.3521	7.389	.19017	-11.485	-1.1334
#2	1.3540	7.436	.19027	-11.206	-.44890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.4	52627.	5180.0	107.05	2847.4
Stddev	3.1	97.	9.7	.16	1.7
%RSD	.13769	.18503	.18815	.14972	.05907

#1	2238.2	52559.	5173.1	106.94	2848.6
#2	2242.6	52696.	5186.9	107.17	2846.2

Sample Name: J4773-01DUP Acquired: 9/17/2018 19:00:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04467	-.02221	.77307	-.00302	-.00275	130.04	.65121
Stddev	.00045	.00029	.00116	.00141	.00180	.20	.00127
%RSD	1.0152	1.3010	.14965	46.656	65.612	.15089	.19467

#1	.04435	-.02201	.77389	-.00202	-.00147	129.90	.65031
#2	.04499	-.02242	.77225	-.00401	-.00402	130.18	.65210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	.00519	51.607	.21137	.12144	.43241	250.34
Stddev	.00016	.00053	.088	.00010	.00024	.00238	3.08
%RSD	2.5187	10.294	.17052	.04623	.20056	.54936	1.2306

#1	.00658	.00481	51.545	.21130	.12127	.43073	252.52
#2	.00635	.00557	51.670	.21144	.12161	.43409	248.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8395	53.095	.21716	.00137	6.8315	.39094	.72625
Stddev	.0027	.229	.00051	.00026	.0155	.00110	.00805
%RSD	.09355	.43107	.23365	18.797	.22728	.28186	1.1085

#1	2.8376	52.934	.21680	.00119	6.8205	.39172	.73195
#2	2.8413	53.257	.21752	.00156	6.8424	.39016	.72056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.900	.00306	.12027	9.2940	3.4865	.00837	3.7098
Stddev	.071	.00028	.00922	.0033	.0924	.00133	.0070
%RSD	.44482	9.2019	7.6661	.03525	2.6512	15.877	.18937

#1	15.850	.00326	.12679	9.2963	3.4212	.00931	3.7049
#2	15.950	.00286	.11375	9.2916	3.5519	.00743	3.7148

Sample Name: J4773-01DUP Acquired: 9/17/2018 19:00:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3668	7.467	.19001	F<.00000	<.00000
Stddev	.0107	.006	.00044	.01320	.81581
%RSD	.77994	.0799	.23325	.12098	90.145

#1	1.3593	7.471	.18970	-10.917	-.32813
#2	1.3744	7.463	.19032	-10.899	-1.4819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.1	52314.	5122.1	107.30	2847.0
Stddev	.5	32.	1.8	1.48	8.7
%RSD	.02233	.06083	.03608	1.3789	.30398

#1	2244.7	52337.	5123.4	106.26	2840.9
#2	2245.4	52292.	5120.8	108.35	2853.1

Sample Name: J4773-01LX5 Acquired: 9/17/2018 19:04:34 Type: Unk
Method: P4-ICP2(v2435) Mode: 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	.01389	-.00377	.14635	-.00094	-.00232	29.133	.15190	.00159
Stddev	.00032	.00046	.00165	.00098	.00065	.020	.00041	.00008
%RSD	2.3130	12.097	1.1258	104.44	27.872	.07002	.26936	5.2273

#1	.01366	-.00345	.14751	-.00025	-.00278	29.118	.15219	.00165
#2	.01412	-.00410	.14518	-.00163	-.00186	29.147	.15161	.00153

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	12.231	.05230	.02389	.11219	51.931	.67875	12.464
Stddev	.00018	.091	.00015	.00010	.00076	.675	.00046	.137
%RSD	120.74	.74709	.28586	.43623	.67551	1.3003	.06760	1.0989

#1	.00002	12.296	.05220	.02396	.11166	52.409	.67843	12.367
#2	.00028	12.167	.05241	.02381	.11273	51.454	.67908	12.561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04349	-.00024	1.5583	.09136	.15319	3.2726	.00071	.00973
Stddev	.00033	.00003	.0004	.00018	.00128	.0293	.00016	.00398
%RSD	.76485	14.136	.02641	.19891	.83691	.89610	22.141	40.888

#1	.04325	-.00021	1.5586	.09149	.15410	3.2519	.00082	.01255
#2	.04372	-.00026	1.5581	.09123	.15228	3.2933	.00060	.00692

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8561	.83480	-.00053	.87431	.37871	1.473	.04449	<.00000
Stddev	.0067	.03679	.00048	.00152	.00358	.000	.00023	.09931
%RSD	.35981	4.4075	90.949	.17358	.94487	.0066	.50801	10.397

#1	1.8609	.86082	-.00019	.87539	.37618	1.473	.04465	-.88500
#2	1.8514	.80879	-.00087	.87324	.38124	1.473	.04433	-1.0254

Sample Name: J4773-01LX5 Acquired: 9/17/2018 19:04:34 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.9831
Stddev	.7490
%RSD	7.5032

#1	10.513
#2	9.4535

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.9	47288.	4428.6	108.46	3127.6
Stddev	5.6	49.	28.8	1.58	3.6
%RSD	.27510	.10262	.65115	1.4531	.11625

#1	2040.9	47254.	4408.2	107.34	3125.0
#2	2048.8	47323.	4448.9	109.57	3130.2

Sample Name: J4773-01MS Acquired: 9/17/2018 19:08:33 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76658	2.1733	1.8143	1.6756	.71816	133.65	.84551
Stddev	.01135	.0094	.0054	.0080	.00202	.02	.00279
%RSD	1.4805	.43167	.29876	.47848	.28093	.01559	.33051

#1	.77460	2.1667	1.8104	1.6812	.71673	133.66	.84748
#2	.75855	2.1800	1.8181	1.6699	.71959	133.63	.84353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19133	.22231	53.000	.56341	.33223	.69854	259.10
Stddev	.00016	.00126	.165	.00201	.00015	.00076	.66
%RSD	.08585	.56872	.31129	.35658	.04648	.10829	.25549

#1	.19121	.22142	53.117	.56483	.33212	.69800	258.64
#2	.19144	.22321	52.883	.56199	.33234	.69907	259.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0367	55.264	.73919	.06901	9.9184	.67404	.94955
Stddev	.0007	.218	.00158	.00083	.0177	.00109	.00185
%RSD	.02334	.39429	.21366	1.1958	.17856	.16181	.19469

#1	3.0362	55.110	.74030	.06960	9.9310	.67481	.94824
#2	3.0372	55.418	.73807	.06843	9.9059	.67327	.95086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.738	.36426	.43194	9.7119	4.3744	.73563	3.9283
Stddev	.058	.00052	.00197	.0465	.0512	.00194	.0126
%RSD	.22575	.14223	.45724	.47885	1.1713	.26357	.32049

#1	25.779	.36389	.43333	9.7448	4.3382	.73425	3.9194
#2	25.697	.36462	.43054	9.6790	4.4107	.73700	3.9373

Sample Name: J4773-01MS Acquired: 9/17/2018 19:08:33 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.1236	13.40	.39497	F<.00000	F<.00000
Stddev	.0120	.01	.00258	.54497	.69556
%RSD	.38361	.0933	.65342	5.2620	33.888

#1	3.1321	13.41	.39679	-9.9713	-1.5607
#2	3.1152	13.40	.39314	-10.742	-2.5444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.1	51058.	5027.6	104.00	2770.4
Stddev	1.3	67.	25.2	.06	1.5
%RSD	.05825	.13057	.50127	.06032	.05416

#1	2193.2	51011.	5009.8	104.05	2769.4
#2	2195.0	51105.	5045.5	103.96	2771.5

Sample Name: CCV07 Acquired: 9/17/2018 19:12:21 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13831 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8480	5.0852	4.9237	4.8060	4.9229	9.9306	10.626
Stddev	.0573	.0559	.0673	.0523	.0622	.0382	.002
%RSD	1.1815	1.0988	1.3668	1.0881	1.2642	.38516	.01456

#1	4.8075	5.0457	4.8761	4.7691	4.8789	9.9036	10.625
#2	4.8885	5.1247	4.9713	4.8430	4.9669	9.9577	10.627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25444	2.4604	25.746	1.0054	2.4335	1.2441	5.0787
Stddev	.00059	.0328	.081	.0006	.0351	.0157	.0007
%RSD	.23361	1.3340	.31363	.06361	1.4421	1.2633	.01357

#1	.25402	2.4372	25.689	1.0058	2.4087	1.2330	5.0791
#2	.25486	2.4836	25.803	1.0049	2.4583	1.2552	5.0782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5306	26.277	2.3797	1.2397	26.718	2.5193	2.6659
Stddev	.0068	.108	.0316	.0018	.006	.0063	.0155
%RSD	.26770	.40961	1.3291	.14623	.02233	.25103	.57949

#1	2.5258	26.201	2.3574	1.2385	26.723	2.5148	2.6550
#2	2.5354	26.353	2.4021	1.2410	26.714	2.5237	2.6768

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.515	4.9283	5.4754	4.8701	F 5.7913	4.7848	5.0177
Stddev	.094	.0694	.0267	.0454	.0282	.0632	.0024
%RSD	.35371	1.4085	.48791	.93153	.48686	1.3214	.04740

#1	26.448	4.8792	5.4565	4.8380	5.7714	4.7401	5.0160
#2	26.581	4.9774	5.4943	4.9022	5.8113	4.8295	5.0194

Sample Name: CCV07 Acquired: 9/17/2018 19:12:21 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13831 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0466	4.734	F 5.7665	F 3.4081	F<.00000
Stddev	.0268	.063	.0194	.0214	.21238
%RSD	.53051	1.332	.33566	.62858	5.6593
#1	5.0277	4.690	5.7528	3.4233	-3.9030
#2	5.0655	4.779	5.7802	3.3930	-3.6027
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.9	44633.	4185.0	103.30	2979.4
Stddev	15.6	41.	5.5	.04	22.9
%RSD	.80423	.09163	.13114	.03942	.76728
#1	1946.9	44604.	4181.1	103.27	2995.6
#2	1924.9	44662.	4188.9	103.33	2963.2

Sample Name: CCB07 Acquired: 9/17/2018 19:16:06 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13831 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.00081	-.00268	-.00232	-.00062	-.03493	-.00007
Stddev	.00297	.00073	.00055	.00042	.00295	.00418	.00055
%RSD	243.16	89.920	20.464	18.260	473.39	11.969	747.17

#1	-.00088	.00132	-.00307	-.00262	-.00271	-.03788	-.00047
#2	.00332	.00029	-.00229	-.00202	.00146	-.03197	.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00011	-.01762	-.00023	-.00046	.00052	.01496
Stddev	.00005	.00006	.00141	.00016	.00013	.00024	.00152
%RSD	98.243	52.640	8.0063	71.036	28.356	45.521	10.162

#1	.00009	-.00007	-.01662	-.00011	-.00055	.00069	.01388
#2	.00002	-.00016	-.01861	-.00034	-.00037	.00035	.01603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01597	-.00027	.00033	-.09664	.00039	-.00078
Stddev	.00000	.02914	.00016	.00026	.00744	.00036	.00004
%RSD	3.0233	182.45	59.839	79.373	7.6980	94.317	5.1767

#1	-.00013	.00463	-.00039	.00052	-.10190	.00013	-.00081
#2	-.00012	-.03658	-.00016	.00015	-.09138	.00064	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.48941	.00073	.00277	.00089	.01314	-.00306	.00491
Stddev	.06088	.00022	.00837	.00078	.00155	.00063	.00021
%RSD	12.440	30.679	302.19	87.497	11.831	20.536	4.3553

#1	-.44636	.00089	.00869	.00144	.01204	-.00262	.00476
#2	-.53246	.00057	-.00315	.00034	.01424	-.00350	.00507

Sample Name: CCB07 Acquired: 9/17/2018 19:16:06 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13831 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .06750	-.0025	-.00062	F 1.0291	F<.00000
Stddev	.00073	.0015	.00005	.0719	.17107
%RSD	1.0782	60.84	7.7646	6.9835	3.4870

#1	.06801	-.0014	-.00059	.97833	-4.7850
#2	.06698	-.0035	-.00066	1.0800	-5.0270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.1	46304.	4216.2	106.92	3304.7
Stddev	20.0	189.	10.5	.47	26.7
%RSD	1.0017	.40885	.24806	.43691	.80712

#1	1978.0	46170.	4223.6	106.58	3285.8
#2	2006.2	46438.	4208.8	107.25	3323.6

Sample Name: J4773-01MSD Acquired: 9/17/2018 19:20:11 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74948	2.1445	1.7834	1.6529	.70731	131.91	.83017
Stddev	.00699	.0079	.0028	.0125	.00246	.25	.00141
%RSD	.93321	.36819	.15788	.75619	.34801	.18844	.17036

#1	.75442	2.1500	1.7814	1.6617	.70905	131.74	.82917
#2	.74453	2.1389	1.7854	1.6440	.70557	132.09	.83117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19029	.21973	52.383	.55996	.32764	.69314	253.06
Stddev	.00048	.00070	.053	.00115	.00124	.00685	3.93
%RSD	.25321	.31795	.10029	.20485	.37964	.98881	1.5529

#1	.18995	.22022	52.420	.55915	.32852	.69799	250.28
#2	.19063	.21923	52.346	.56077	.32676	.68829	255.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0052	54.411	.72824	.06715	9.6858	.66601	.92681
Stddev	.0064	.332	.00155	.00007	.0150	.00182	.01477
%RSD	.21227	.60952	.21248	.10952	.15512	.27357	1.5936

#1	3.0007	54.177	.72933	.06710	9.6752	.66472	.91637
#2	3.0097	54.646	.72714	.06720	9.6965	.66730	.93725

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.352	.36007	.40440	9.5838	4.1743	.72803	3.8523
Stddev	.121	.00236	.01342	.0290	.0948	.00233	.0167
%RSD	.47718	.65676	3.3174	.30206	2.2704	.32028	.43279

#1	25.267	.36174	.39491	9.6042	4.1072	.72967	3.8405
#2	25.438	.35839	.41389	9.5633	4.2413	.72638	3.8641

Sample Name: J4773-01MSD Acquired: 9/17/2018 19:20:11 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.0782	13.21	.38781	F<.00000	F<.00000
Stddev	.0129	.02	.00003	.13009	1.1496
%RSD	.41923	.1799	.00717	1.2072	44.356

#1	3.0873	13.22	.38783	-10.869	-3.4047
#2	3.0690	13.19	.38779	-10.685	-1.7789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.5	51600.	5080.3	106.29	2810.0
Stddev	20.0	114.	11.3	1.53	17.3
%RSD	.90336	.22122	.22287	1.4386	.61412

#1	2202.4	51680.	5088.3	107.37	2797.8
#2	2230.7	51519.	5072.3	105.21	2822.2

Sample Name: J4773-01A Acquired: 9/17/2018 19:23:57 Type: Unk
Method: P4-ICP2(v2435) 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	.74163	2.1058	1.7492	1.6178	.69679	129.89	.81930
Stddev	.00078	.0029	.0009	.0094	.00223	.13	.00163
%RSD	.10456	.13790	.05157	.57869	.31953	.10102	.19871

#1	.74218	2.1037	1.7486	1.6244	.69836	129.80	.81815
#2	.74108	2.1078	1.7498	1.6112	.69521	129.98	.82045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18760	.21444	51.700	.54605	.32179	.67660	254.09
Stddev	.00083	.00073	.192	.00177	.00034	.00350	8.53
%RSD	.44377	.34218	.37219	.32480	.10589	.51775	3.3585

#1	.18701	.21392	51.564	.54480	.32203	.67413	260.13
#2	.18819	.21496	51.836	.54731	.32155	.67908	248.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9586	54.007	.71260	.06704	9.6006	.65739	.93174
Stddev	.0053	.238	.00108	.00074	.0285	.00273	.03008
%RSD	.17943	.44083	.15198	1.1028	.29715	.41469	3.2280

#1	2.9549	53.839	.71183	.06756	9.5804	.65546	.95301
#2	2.9624	54.176	.71336	.06652	9.6208	.65932	.91047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.071	.35383	.41085	9.3806	4.2408	.71498	3.8205
Stddev	.048	.00150	.01423	.0092	.0140	.00287	.0064
%RSD	.19341	.42520	3.4627	.09854	.33058	.40180	.16838

#1	25.037	.35489	.42091	9.3872	4.2309	.71702	3.8160
#2	25.105	.35276	.40079	9.3741	4.2507	.71295	3.8251

Sample Name: J4773-01A Acquired: 9/17/2018 19:23:57 Type: Unk
Method: P4-ICP2(v2435) 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	3.0319	12.92	.38393	F<.00000	F<.00000
Stddev	.0219	.02	.00140	.24805	.85659
%RSD	.72313	.1627	.36457	2.2686	33.477

#1	3.0164	12.93	.38294	-10.759	-1.9530
#2	3.0474	12.90	.38492	-11.110	-3.1644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.7	52150.	5114.4	105.34	2861.8
Stddev	12.3	83.	17.5	3.63	14.0
%RSD	.54670	.15870	.34276	3.4496	.48791

#1	2242.0	52208.	5126.8	102.77	2852.0
#2	2259.4	52091.	5102.0	107.91	2871.7

Sample Name: J4773-03 Acquired: 9/17/2018 19:27:43 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04707	-.02093	.66951	-.00531	-.00376	144.02	.72957
Stddev	.00042	.00012	.00239	.00607	.00136	.32	.00263
%RSD	.89444	.56271	.35694	114.28	36.251	.22129	.36009

#1	.04737	-.02084	.67120	-.00960	-.00472	143.79	.72771
#2	.04678	-.02101	.66782	-.00102	-.00280	144.24	.73143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00762	.00452	58.678	.18605	.10853	.31166	241.02
Stddev	.00015	.00027	.147	.00218	.00053	.00396	4.38
%RSD	1.9417	6.0528	.25080	1.1708	.49218	1.2703	1.8183

#1	.00751	.00472	58.574	.18451	.10815	.31446	237.92
#2	.00772	.00433	58.782	.18759	.10890	.30886	244.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1601	45.359	.20772	.00071	6.7945	.35710	.77010
Stddev	.0018	.282	.00198	.00038	.0400	.00345	.01728
%RSD	.05778	.62119	.95317	53.410	.58888	.96555	2.2437

#1	3.1588	45.159	.20912	.00044	6.7662	.35466	.75788
#2	3.1613	45.558	.20632	.00097	6.8228	.35954	.78232

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.349	.00162	.11760	4.6490	3.0321	.02299	2.4047
Stddev	.069	.00002	.00335	.0084	.0232	.00092	.0022
%RSD	.60740	1.2479	2.8494	.18112	.76411	3.9866	.08969

#1	11.300	.00161	.11997	4.6431	3.0158	.02234	2.4032
#2	11.397	.00163	.11523	4.6550	3.0485	.02364	2.4063

Sample Name: J4773-03 Acquired: 9/17/2018 19:27:43 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.5162	6.637	.17038	F<.00000	.22637
Stddev	.0173	.019	.00053	.36272	.31855
%RSD	1.1380	.2866	.31326	3.4702	140.72

#1	1.5040	6.651	.17001	-10.196	.45162
#2	1.5284	6.624	.17076	-10.709	.00112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.4	51581.	5126.5	107.49	2858.5
Stddev	11.7	14.	21.0	2.08	15.1
%RSD	.51935	.02658	.41051	1.9380	.52703

#1	2239.1	51571.	5141.4	108.96	2847.8
#2	2255.6	51590.	5111.7	106.02	2869.1

Sample Name: J4773-05 Acquired: 9/17/2018 19:31:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04492	-.02238	.36133	-.00392	-.00542	146.82	.59437
Stddev	.00161	.00121	.00152	.00176	.00103	.69	.00247
%RSD	3.5825	5.3892	.42001	44.950	18.956	.46815	.41634

#1	.04606	-.02323	.36240	-.00267	-.00469	147.30	.59262
#2	.04378	-.02153	.36026	-.00516	-.00614	146.33	.59612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00660	.00539	84.700	.15163	.13667	.39624	277.35
Stddev	.00002	.00007	.697	.00269	.00049	.00005	.34
%RSD	.23583	1.3414	.82254	1.7727	.35566	.01303	.12208

#1	.00661	.00534	84.207	.15353	.13633	.39628	277.59
#2	.00659	.00544	85.192	.14973	.13702	.39620	277.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1856	68.258	.22580	.00128	11.854	.48174	.72214
Stddev	.0071	.588	.00045	.00030	.046	.00350	.00044
%RSD	.22208	.86131	.19795	23.482	.38548	.72691	.06079

#1	3.1906	67.842	.22548	.00107	11.821	.48422	.72245
#2	3.1806	68.673	.22611	.00150	11.886	.47926	.72183

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.413	.00367	1.0173	8.2003	2.5174	.02222	3.0381
Stddev	.128	.00053	.0127	.0037	.0082	.00041	.0045
%RSD	1.1185	14.509	1.2516	.04545	.32430	1.8552	.14785

#1	11.323	.00330	1.0083	8.1977	2.5116	.02193	3.0350
#2	11.503	.00405	1.0263	8.2030	2.5232	.02252	3.0413

Sample Name: J4773-05 Acquired: 9/17/2018 19:31:41 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3751	7.069	.32841	F<.00000	F<.00000
Stddev	.0182	.018	.00040	.01858	1.5556
%RSD	1.3208	.2595	.12075	.16716	47.527

#1	1.3622	7.082	.32813	-11.101	-4.3731
#2	1.3879	7.056	.32869	-11.127	-2.1731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.5	51007.	5077.7	104.54	2743.3
Stddev	10.2	133.	36.3	.02	12.4
%RSD	.46350	.25997	.71433	.01584	.45049

#1	2199.3	50913.	5103.4	104.55	2734.6
#2	2213.7	51101.	5052.1	104.53	2752.1

Sample Name: J4773-07 Acquired: 9/17/2018 19:35:39 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04693	-.02390	.51442	.00022	-.00590	137.22	.77203
Stddev	.00232	.00226	.00212	.00269	.00270	.07	.00141
%RSD	4.9391	9.4525	.41128	1201.3	45.741	.05076	.18303

#1	.04857	-.02549	.51592	.00213	-.00399	137.17	.77103
#2	.04530	-.02230	.51293	-.00168	-.00781	137.27	.77303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00882	.00571	51.746	.28590	.13062	.34311	277.41
Stddev	.00004	.00031	.138	.00056	.00052	.00206	2.40
%RSD	.43187	5.5062	.26659	.19691	.39592	.60180	.86551

#1	.00879	.00594	51.649	.28630	.13099	.34457	275.71
#2	.00885	.00549	51.844	.28550	.13025	.34165	279.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6041	53.263	.27975	.00088	8.7135	.37834	1.0011
Stddev	.0037	.031	.00127	.00049	.0099	.00182	.0045
%RSD	.06505	.05730	.45353	55.943	.11391	.47997	.45180

#1	5.6015	53.285	.28065	.00053	8.7065	.37706	.99789
#2	5.6066	53.242	.27885	.00123	8.7206	.37963	1.0043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.512	.00234	.13225	4.2710	3.5247	.01157	3.0058
Stddev	.002	.00054	.01070	.0040	.0286	.00092	.0011
%RSD	.01230	23.018	8.0943	.09473	.81169	7.9267	.03686

#1	14.513	.00273	.12468	4.2738	3.5450	.01092	3.0050
#2	14.511	.00196	.13981	4.2681	3.5045	.01222	3.0066

Sample Name: J4773-07 Acquired: 9/17/2018 19:35:39 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.8106	6.078	.26185	F<.00000	F<.00000
Stddev	.0062	.014	.00028	.78458	.39616
%RSD	.34229	.2225	.10810	5.8580	11.643
#1	1.8062	6.088	.26165	-13.948	-3.6827
#2	1.8149	6.069	.26205	-12.839	-3.1224
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.9	53782.	5326.2	110.54	2866.4
Stddev	2.2	146.	20.8	.44	7.0
%RSD	.09345	.27098	.39088	.39574	.24352
#1	2316.4	53679.	5311.5	110.85	2861.5
#2	2319.4	53885.	5341.0	110.23	2871.4

Sample Name: J4773-09 Acquired: 9/17/2018 19:39:36 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05566	-.02933	.54671	-.00295	-.00537	150.03	.82994
Stddev	.00142	.00276	.00200	.00066	.00343	.08	.00171
%RSD	2.5518	9.3996	.36543	22.295	63.794	.05266	.20608

#1	.05666	-.03128	.54529	-.00342	-.00779	150.08	.83115
#2	.05465	-.02738	.54812	-.00249	-.00295	149.97	.82873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00801	.00622	67.459	.24518	.14852	.41528	293.70
Stddev	.00019	.00056	.094	.00045	.00015	.00449	4.87
%RSD	2.3795	9.0721	.14001	.18527	.10326	1.0801	1.6588

#1	.00788	.00662	67.526	.24486	.14863	.41845	290.26
#2	.00815	.00582	67.393	.24551	.14841	.41210	297.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1738	55.905	.25287	.00129	11.729	.46820	2.5548
Stddev	.0042	.112	.00051	.00069	.004	.00301	.0478
%RSD	.06866	.19967	.20081	53.302	.03396	.64200	1.8690

#1	6.1768	55.984	.25251	.00081	11.726	.46607	2.5211
#2	6.1708	55.826	.25323	.00178	11.732	.47032	2.5886

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.301	.00330	.19296	9.7767	2.5185	.01387	4.1073
Stddev	.002	.00032	.00194	.0504	.0115	.00128	.0109
%RSD	.01521	9.6195	1.0039	.51556	.45530	9.2396	.26554

#1	15.302	.00352	.19433	9.7411	2.5266	.01296	4.0996
#2	15.299	.00307	.19159	9.8124	2.5104	.01477	4.1150

Sample Name: J4773-09 Acquired: 9/17/2018 19:39:36 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.5655	6.530	.28293	F<.00000	F<.00000
Stddev	.0090	.006	.00019	.10958	.92336
%RSD	.57761	.0976	.06790	.89268	20.075

#1	1.5591	6.526	.28280	-12.198	-5.2525
#2	1.5719	6.535	.28307	-12.353	-3.9467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.4	51984.	5121.3	104.50	2768.9
Stddev	7.9	200.	13.2	1.75	8.7
%RSD	.34863	.38548	.25711	1.6775	.31575

#1	2247.8	51842.	5112.0	105.74	2762.8
#2	2258.9	52126.	5130.6	103.26	2775.1

Sample Name: J4774-03 Acquired: 9/17/2018 19:43:33 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04898	-.02668	.18102	-.00182	-.00456	176.54	.59178
Stddev	.00078	.00182	.00006	.00299	.00172	.91	.01020
%RSD	1.5935	6.8141	.03315	164.67	37.646	.51410	1.7231

#1	.04842	-.02540	.18106	-.00393	-.00334	175.89	.58457
#2	.04953	-.02797	.18098	.00030	-.00577	177.18	.59899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00794	.00377	42.888	.20222	.14688	.34138	309.44
Stddev	.00026	.00038	.711	.00163	.00014	.00510	7.25
%RSD	3.3286	10.102	1.6575	.80460	.09607	1.4950	2.3432

#1	.00775	.00404	42.385	.20107	.14697	.34499	304.31
#2	.00812	.00350	43.390	.20337	.14678	.33777	314.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7481	60.749	.25730	.00298	12.133	.48236	.61597
Stddev	.0034	1.142	.00274	.00006	.182	.00269	.01362
%RSD	.09045	1.8798	1.0638	1.9973	1.5000	.55832	2.2116

#1	3.7457	59.941	.25924	.00303	12.004	.48046	.60634
#2	3.7505	61.556	.25536	.00294	12.262	.48426	.62560

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.735	.00391	.28229	5.3725	2.3846	.00475	3.2999
Stddev	.172	.00011	.01382	.0016	.0466	.00105	.0395
%RSD	1.5988	2.9201	4.8954	.02951	1.9560	22.024	1.1983

#1	10.614	.00382	.27252	5.3736	2.3516	.00401	3.2720
#2	10.856	.00399	.29206	5.3714	2.4176	.00548	3.3279

Sample Name: J4774-03 Acquired: 9/17/2018 19:43:33 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4059	8.702	.12922	F<.00000	F<.00000
Stddev	.0454	.000	.00278	.67773	.23023
%RSD	3.2329	.0018	2.1542	4.4436	4.5250

#1	1.3738	8.702	.12726	-14.773	-5.2508
#2	1.4381	8.702	.13119	-15.731	-4.9252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.6	53295.	5253.2	104.44	2826.0
Stddev	.2	2.	70.3	2.07	3.9
%RSD	.01004	.00426	1.3384	1.9824	.13751

#1	2319.8	53297.	5303.0	105.90	2823.2
#2	2319.4	53293.	5203.5	102.97	2828.7

Sample Name: J4775-05 Acquired: 9/17/2018 19:47:31 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04267	-.02444	.23050	-.00212	-.00332	124.02	.57887
Stddev	.00125	.00016	.00254	.00534	.00157	.29	.00144
%RSD	2.9336	.65871	1.1016	251.71	47.333	.23673	.24795

#1	.04356	-.02455	.23229	.00165	-.00443	124.23	.57786
#2	.04179	-.02432	.22870	-.00589	-.00221	123.81	.57989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	.00423	109.99	.18324	.12784	.35156	243.38
Stddev	.00014	.00010	.35	.00170	.00115	.00135	.40
%RSD	2.1153	2.4773	.31846	.92760	.89799	.38395	.16579

#1	.00631	.00415	109.75	.18445	.12865	.35251	243.66
#2	.00650	.00430	110.24	.18204	.12702	.35060	243.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2432	76.073	.23272	.00044	8.1412	.36868	.58946
Stddev	.0018	.008	.00193	.00016	.0039	.00041	.00105
%RSD	.05437	.01100	.82806	36.185	.04759	.11076	.17845

#1	3.2445	76.078	.23408	.00056	8.1439	.36897	.59020
#2	3.2420	76.067	.23136	.00033	8.1384	.36840	.58872

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.118	.00303	.18916	14.326	2.4510	.00377	3.8518
Stddev	.114	.00046	.00463	.061	.0665	.00212	.0219
%RSD	.66713	15.035	2.4458	.42630	2.7138	56.155	.56898

#1	17.037	.00335	.18589	14.369	2.4040	.00527	3.8363
#2	17.198	.00271	.19244	14.283	2.4981	.00227	3.8673

Sample Name: J4775-05 Acquired: 9/17/2018 19:47:31 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3691	7.418	.31606	F<.00000	<.00000
Stddev	.0035	.025	.00077	.34906	1.9509
%RSD	.25566	.3436	.24508	3.5329	293.82

#1	1.3666	7.436	.31661	-9.6334	.71551
#2	1.3716	7.400	.31551	-10.127	-2.0435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.9	52519.	5187.3	104.94	2835.5
Stddev	2.9	14.	17.3	.11	4.8
%RSD	.12830	.02645	.33428	.10448	.17091

#1	2284.8	52529.	5199.6	105.02	2832.1
#2	2289.0	52510.	5175.0	104.86	2839.0

Sample Name: J4775-07 Acquired: 9/17/2018 19:51:25 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-03-091418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04213	-.03065	.13215	-.00059	-.00478	132.87	.60179
Stddev	.00542	.00050	.00326	.00091	.00117	.02	.00184
%RSD	12.869	1.6267	2.4675	152.71	24.533	.01497	.30571

#1	.04596	-.03030	.12984	.00005	-.00561	132.88	.60309
#2	.03830	-.03100	.13445	-.00124	-.00395	132.86	.60049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00753	.00439	61.140	.17317	.13077	.32614	260.92
Stddev	.00011	.00012	.148	.00292	.00043	.00174	.58
%RSD	1.4677	2.6840	.24195	1.6858	.33144	.53213	.22306

#1	.00761	.00431	61.245	.17524	.13046	.32491	261.33
#2	.00746	.00448	61.035	.17111	.13107	.32737	260.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4916	62.039	.22488	.00061	9.3974	.38799	.54953
Stddev	.0185	.038	.00083	.00042	.0064	.00395	.00043
%RSD	.41169	.06077	.36998	67.915	.06823	1.0177	.07898

#1	4.5047	62.013	.22429	.00032	9.4019	.39078	.54984
#2	4.4785	62.066	.22547	.00091	9.3928	.38519	.54922

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.346	.00049	.13770	5.7613	3.0646	-.00206	4.7279
Stddev	.121	.00022	.01103	.0182	.0167	.00144	.0152
%RSD	.62494	44.753	8.0122	.31566	.54439	70.102	.32173

#1	19.431	.00065	.14551	5.7484	3.0528	-.00308	4.7172
#2	19.260	.00034	.12990	5.7742	3.0764	-.00104	4.7387

Sample Name: J4775-07 Acquired: 9/17/2018 19:51:25 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-03-091418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4857	7.369	.17004	F<.00000	F<.00000
Stddev	.0050	.005	.00029	.10713	1.2895
%RSD	.33865	.0747	.16837	.90751	40.336

#1	1.4821	7.365	.16984	-11.880	-4.1088
#2	1.4892	7.373	.17024	-11.729	-2.2851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.0	53168.	5231.6	104.96	2776.6
Stddev	2.0	231.	27.8	.41	4.9
%RSD	.08619	.43484	.53122	.39442	.17751

#1	2292.6	53004.	5212.0	104.66	2773.2
#2	2295.4	53331.	5251.3	105.25	2780.1

Sample Name: J4919-01 Acquired: 9/17/2018 19:55:22 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLLOFF-03_C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18334	-.02323	2.3744	.00040	-.00327	209.48	1.8111
Stddev	.00046	.00215	.0041	.00032	.00333	1.44	.0039
%RSD	.25257	9.2364	.17132	81.884	101.83	.68939	.21319

#1	.18301	-.02172	2.3773	.00062	-.00092	208.46	1.8138
#2	.18367	-.02475	2.3715	.00017	-.00563	210.50	1.8083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01487	.01561	81.577	.22021	.28868	.53788	498.24
Stddev	.00003	.00167	.241	.00041	.00091	.00607	10.61
%RSD	.17938	10.714	.29568	.18410	.31383	1.1284	2.1302

#1	.01485	.01680	81.748	.21992	.28804	.54217	490.74
#2	.01489	.01443	81.406	.22050	.28932	.53359	505.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8856	86.575	.52287	.01067	1.8003	.32316	2.1851
Stddev	.0329	.288	.00157	.00168	.0016	.00027	.0505
%RSD	.33255	.33258	.30084	15.741	.08862	.08250	2.3126

#1	9.8623	86.778	.52176	.00948	1.8015	.32335	2.1494
#2	9.9088	86.371	.52398	.01186	1.7992	.32297	2.2209

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.660	.00312	.27256	21.139	1.2538	.18359	1.1663
Stddev	.025	.00022	.00855	.052	.0280	.00069	.0063
%RSD	.10474	7.0497	3.1379	.24599	2.2371	.37602	.53918

#1	23.678	.00296	.26652	21.102	1.2339	.18310	1.1707
#2	23.643	.00328	.27861	21.176	1.2736	.18408	1.1619

Sample Name: J4919-01 Acquired: 9/17/2018 19:55:22 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ROLLOFF-03_C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.5580	11.02	.49476	F<.00000	F<.00000
Stddev	.0039	.04	.00027	.19217	1.0783
%RSD	.11020	.3454	.05439	.76829	4.9240

#1	3.5552	10.99	.49457	-24.877	-22.662
#2	3.5608	11.04	.49495	-25.149	-21.137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.1	56814.	5714.7	104.69	2648.3
Stddev	5.0	180.	21.6	2.07	4.7
%RSD	.20669	.31604	.37861	1.9739	.17578

#1	2426.5	56941.	5699.4	106.15	2645.0
#2	2433.6	56687.	5730.0	103.23	2651.6

Sample Name: CCV08 Acquired: 9/17/2018 19:59:25 Type: Unk
Method: P4-ICP2(v2435) 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	4.9224	5.1700	4.9670	4.8985	5.0067	10.131	10.574
Stddev	.0150	.0126	.0030	.0014	.0004	.033	.069
%RSD	.30508	.24295	.05955	.02883	.00808	.32738	.65612

#1	4.9331	5.1611	4.9649	4.8995	5.0070	10.107	10.525
#2	4.9118	5.1789	4.9691	4.8975	5.0065	10.154	10.623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25967	2.4854	26.022	1.0145	2.4848	1.2650	5.1169
Stddev	.00051	.0003	.027	.0017	.0003	.0009	.0553
%RSD	.19603	.01384	.10188	.16842	.01116	.07303	1.0816

#1	.25931	2.4856	26.003	1.0133	2.4850	1.2643	5.1560
#2	.26003	2.4851	26.041	1.0157	2.4846	1.2656	5.0778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5594	26.332	2.3996	1.2429	26.873	2.5560	2.6768
Stddev	.0050	.072	.0059	.0042	.176	.0034	.0090
%RSD	.19601	.27259	.24594	.33443	.65630	.13217	.33527

#1	2.5558	26.282	2.3954	1.2459	26.748	2.5536	2.6831
#2	2.5629	26.383	2.4038	1.2400	26.998	2.5584	2.6704

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.585	5.0049	5.4148	4.9427	F 5.7064	4.8472	5.0143
Stddev	.271	.0067	.0482	.0024	.0282	.0150	.0131
%RSD	1.0196	.13362	.89052	.04909	.49347	.30854	.26118

#1	26.393	5.0096	5.3807	4.9409	5.6865	4.8366	5.0050
#2	26.777	5.0001	5.4489	4.9444	5.7264	4.8577	5.0236

Sample Name: CCV08 Acquired: 9/17/2018 19:59:25 Type: Unk
 Method: P4-ICP2(v2435) 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 5.5269	4.812	F 5.8081	F 2.4715	F<.00000
Stddev	.0030	.018	.0549	.2871	.15341
%RSD	.05399	.3824	.94558	11.615	5.6560

#1	5.5248	4.799	5.7693	2.2685	-2.6039
#2	5.5290	4.825	5.8470	2.6744	-2.8209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.1	44934.	4261.2	104.45	2999.8
Stddev	8.0	7.	13.1	.73	9.2
%RSD	.41124	.01538	.30835	.69495	.30707

#1	1932.5	44929.	4270.5	103.94	2993.3
#2	1943.8	44939.	4252.0	104.97	3006.3

Sample Name: CCB08 Acquired: 9/17/2018 20:03:11 Type: Unk
Method: P4-ICP2(v2435) 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	-.00097	.00177	-.00310	.00249	-.00123	-.03377	-.00045
Stddev	.00653	.00163	.00084	.00109	.00261	.00585	.00072
%RSD	673.07	92.384	27.115	43.967	211.80	17.328	161.15

#1	.00365	.00061	-.00250	.00326	.00061	-.02963	-.00096
#2	-.00559	.00292	-.00369	.00172	-.00308	-.03791	.00006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00017	-.03949	-.00075	-.00034	.00041	.01169
Stddev	.00004	.00002	.00568	.00001	.00008	.00042	.00468
%RSD	49.996	9.5049	14.393	1.5820	22.317	103.59	40.001

#1	.00011	-.00018	-.04351	-.00074	-.00028	.00011	.01500
#2	.00005	-.00016	-.03547	-.00076	-.00039	.00070	.00838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.02641	-.00020	-.00043	-.11859	-.00009	-.00073
Stddev	.00003	.01551	.00021	.00067	.00251	.00023	.00005
%RSD	38.943	58.723	104.91	157.32	2.1157	271.61	6.4375

#1	-.00009	-.01544	-.00005	.00005	-.12036	.00008	-.00070
#2	-.00005	-.03737	-.00034	-.00090	-.11681	-.00025	-.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.50225	.00103	-.00903	.00377	.01008	-.00202	.00423
Stddev	.04433	.00042	.01280	.00075	.00074	.00017	.00015
%RSD	8.8264	40.527	141.83	19.808	7.3677	8.6383	3.5203

#1	-.53360	.00132	-.01808	.00430	.01060	-.00190	.00412
#2	-.47090	.00073	.00003	.00324	.00955	-.00215	.00433

Sample Name: CCB08 Acquired: 9/17/2018 20:03:11 Type: Unk
Method: P4-ICP2(v2435) 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 .10887	-.0011	-.00076	F<.00000	F<.00000
Stddev	.00545	.0007	.00011	.15323	.05353
%RSD	5.0091	60.44	14.475	114.45	1.1623

#1	.11273	-.0016	-.00083	-.24223	-4.5682
#2	.10501	-.0006	-.00068	-.02553	-4.6439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.8	47015.	4184.0	107.16	3321.3
Stddev	10.9	55.	38.2	1.49	14.8
%RSD	.54738	.11650	.91408	1.3937	.44636

#1	1984.1	46977.	4156.9	106.10	3310.8
#2	1999.5	47054.	4211.0	108.22	3331.8

Sample Name: J4929-01 Acquired: 9/17/2018 20:07:15 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-PIT-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04463	-.01647	.31787	-.00068	-.00328	114.67	.74321
Stddev	.00352	.00097	.00059	.00405	.00002	.25	.00352
%RSD	7.8853	5.8749	.18496	598.01	.58138	.21739	.47332

#1	.04712	-.01716	.31745	.00219	-.00330	114.50	.74569
#2	.04214	-.01579	.31828	-.00354	-.00327	114.85	.74072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00776	.00258	18.500	.19822	.04894	.27655	206.93
Stddev	.00007	.00031	.007	.00048	.00002	.00348	5.12
%RSD	.92140	11.953	.03715	.24129	.03263	1.2590	2.4721

#1	.00771	.00236	18.505	.19788	.04893	.27409	210.55
#2	.00781	.00279	18.495	.19856	.04895	.27902	203.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1736	21.275	.11833	.00084	.84075	.38417	.96962
Stddev	.0025	.053	.00000	.00101	.00659	.00009	.02370
%RSD	.21532	.25139	.00075	119.93	.78355	.02305	2.4441

#1	1.1718	21.312	.11833	.00155	.83610	.38423	.98637
#2	1.1754	21.237	.11833	.00013	.84541	.38411	.95286

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2502	.00067	.09316	2.4082	4.9297	.01322	2.2879
Stddev	.0010	.00027	.01176	.0047	.1178	.00036	.0029
%RSD	.02421	39.814	12.628	.19598	2.3889	2.7381	.12562

#1	4.2510	.00048	.10148	2.4049	5.0130	.01348	2.2900
#2	4.2495	.00086	.08484	2.4116	4.8465	.01297	2.2859

Sample Name: J4929-01 Acquired: 9/17/2018 20:07:15 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-PIT-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.95734	2.602	.12340	F<.00000	.07608
Stddev	.00319	.007	.00061	.34712	.36089
%RSD	.33373	.2758	.49492	2.8297	474.33

#1	.95508	2.597	.12383	-12.512	.33127
#2	.95960	2.608	.12296	-12.021	-.17910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.5	56104.	5422.0	110.00	3009.4
Stddev	4.5	95.	32.6	2.79	1.0
%RSD	.18536	.16970	.60061	2.5402	.03435

#1	2424.3	56172.	5398.9	108.03	3010.1
#2	2430.7	56037.	5445.0	111.98	3008.6

Sample Name: J4929-05 Acquired: 9/17/2018 20:11:10 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-PIT-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03256	-.01182	.11990	-.00043	-.00008	109.47	.71545
Stddev	.00445	.00160	.00326	.00166	.00147	.79	.02632
%RSD	13.676	13.547	2.7162	387.46	1783.8	.72257	3.6785

#1	.02941	-.01295	.12221	-.00160	.00096	108.91	.69684
#2	.03571	-.01069	.11760	.00074	-.00112	110.03	.73406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00630	.00825	7.2030	.09277	.06709	.33183	165.29
Stddev	.00019	.00153	.2658	.00025	.00029	.00681	13.11
%RSD	2.9501	18.563	3.6908	.27433	.42662	2.0524	7.9342

#1	.00616	.00933	7.0150	.09295	.06689	.33664	156.02
#2	.00643	.00717	7.3910	.09259	.06729	.32701	174.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7403	17.953	.13251	-.00024	1.1531	.16870	2.6323
Stddev	.0024	.689	.00051	.00196	.0383	.00027	.1865
%RSD	.05015	3.8371	.38707	830.44	3.3205	.15838	7.0832

#1	4.7387	17.465	.13214	-.00163	1.1261	.16851	2.5005
#2	4.7420	18.440	.13287	.00115	1.1802	.16889	2.7642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4663	.00017	.06824	.47397	3.3634	.00597	1.3064
Stddev	.1644	.00005	.00667	.00967	.1013	.00079	.0517
%RSD	3.0080	27.529	9.7766	2.0403	3.0130	13.320	3.9541

#1	5.3500	.00020	.06352	.46713	3.2918	.00653	1.2699
#2	5.5826	.00014	.07295	.48080	3.4351	.00541	1.3429

Sample Name: J4929-05 Acquired: 9/17/2018 20:11:10 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-PIT-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.71274	3.402	.07512	F<.00000	4.7800
Stddev	.03029	.016	.00345	.55790	.0928
%RSD	4.2501	.4582	4.5935	6.4495	1.9421

#1	.69132	3.391	.07268	-8.2558	4.7143
#2	.73416	3.413	.07756	-9.0448	4.8456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.1	52123.	5121.6	108.64	2996.9
Stddev	7.1	152.	138.2	7.45	2.1
%RSD	.31393	.29186	2.6978	6.8556	.07107

#1	2269.0	52015.	5219.3	113.91	2995.4
#2	2279.1	52230.	5023.9	103.37	2998.5

Sample Name: J4929-09 Acquired: 9/17/2018 20:15:07 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-PIT-11 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05891	-.01694	.19613	-.00479	-.00088	257.25	.94094
Stddev	.00089	.00276	.00092	.00040	.00148	1.02	.00823
%RSD	1.5025	16.313	.46975	8.3061	167.28	.39758	.87512

#1	.05953	-.01889	.19678	-.00451	.00016	257.98	.94676
#2	.05828	-.01498	.19548	-.00508	-.00193	256.53	.93512

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01135	.00345	10.721	.25121	.07852	.15559	346.82
Stddev	.00018	.00023	.107	.00167	.00059	.00043	2.25
%RSD	1.6039	6.6568	.99564	.66292	.74557	.27582	.64986

#1	.01148	.00361	10.796	.25239	.07893	.15590	345.23
#2	.01122	.00329	10.645	.25004	.07810	.15529	348.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1763	30.951	.15806	-.00105	1.1938	.48003	.55731
Stddev	.0032	.123	.00067	.00009	.0021	.00250	.00296
%RSD	.26962	.39829	.42189	8.6623	.17415	.52040	.53042

#1	1.1785	31.039	.15853	-.00099	1.1953	.48180	.55522
#2	1.1740	30.864	.15758	-.00112	1.1924	.47826	.55940

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6296	.00135	.11715	3.2204	6.3011	.01829	1.5196
Stddev	.0608	.00001	.00301	.0051	.0042	.00004	.0103
%RSD	1.0800	.97374	2.5721	.15808	.06673	.21774	.67957

#1	5.6726	.00134	.11502	3.2240	6.3041	.01826	1.5269
#2	5.5866	.00135	.11928	3.2168	6.2981	.01831	1.5123

Sample Name: J4929-09 Acquired: 9/17/2018 20:15:07 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-PIT-11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.7607	5.421	.10958	F<.00000	F<.00000
Stddev	.0071	.026	.00035	.67250	1.4191
%RSD	.40332	.4828	.31615	4.4500	20.389

#1	1.7657	5.439	.10982	-14.637	-5.9569
#2	1.7557	5.402	.10933	-15.588	-7.9638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.6	48356.	4827.0	106.57	2865.4
Stddev	9.4	297.	49.3	.51	14.0
%RSD	.43812	.61447	1.0208	.47437	.48716

#1	2138.9	48146.	4792.2	106.93	2855.5
#2	2152.2	48566.	4861.9	106.22	2875.3

Sample Name: J4935-01 Acquired: 9/17/2018 20:19:07 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03293	-.02644	.08120	.00296	-.00527	59.709	.38745
Stddev	.00070	.00053	.00614	.00028	.00080	.326	.00003
%RSD	2.1245	2.0075	7.5653	9.5349	15.181	.54647	.00836

#1	.03244	-.02681	.07686	.00316	-.00470	59.478	.38748
#2	.03343	-.02606	.08555	.00276	-.00583	59.940	.38743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	.00217	79.370	.06922	.10433	.28097	246.72
Stddev	.00012	.00107	.001	.00083	.00225	.01103	8.82
%RSD	2.2782	49.473	.00098	1.2055	2.1573	3.9260	3.5755

#1	.00527	.00141	79.371	.06981	.10274	.27317	252.95
#2	.00510	.00293	79.369	.06863	.10593	.28877	240.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4293	44.996	.08799	.00359	3.7247	.19219	.63159
Stddev	.0058	.097	.00234	.00102	.0091	.00067	.02024
%RSD	.23852	.21480	2.6573	28.293	.24396	.35029	3.2048

#1	2.4252	45.064	.08634	.00431	3.7183	.19267	.64590
#2	2.4334	44.927	.08965	.00287	3.7311	.19171	.61728

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.658	.00647	.27747	7.4060	2.4676	.00151	3.9399
Stddev	.101	.00048	.00531	.1084	.0522	.00085	.0001
%RSD	.60366	7.4713	1.9143	1.4632	2.1163	55.837	.00176

#1	16.586	.00613	.28122	7.3294	2.5046	.00092	3.9399
#2	16.729	.00681	.27371	7.4826	2.4307	.00211	3.9400

Sample Name: J4935-01 Acquired: 9/17/2018 20:19:07 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0003	11.90	.16814	F<.00000	<.00000
Stddev	.0095	.17	.00037	.87205	.39830
%RSD	.94651	1.393	.21746	5.0600	230.63

#1	1.0070	11.78	.16788	-17.851	.10894
#2	.99361	12.02	.16840	-16.618	-.45434

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.4	61128.	5946.3	105.91	2875.4
Stddev	14.0	90.	17.5	3.96	31.7
%RSD	.53422	.14765	.29387	3.7375	1.1025

#1	2622.3	61191.	5933.9	103.11	2897.8
#2	2602.5	61064.	5958.7	108.71	2853.0

Sample Name: J4935-05 Acquired: 9/17/2018 20:23:01 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-1-CONC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09625	-.04025	.97164	-.00166	-.00403	156.26	1.5635	.00636
Stddev	.00126	.00147	.00176	.00015	.00124	1.26	.0033	.00001
%RSD	1.3117	3.6576	.18085	9.0755	30.708	.80597	.21096	.20632

#1	.09715	-.03921	.97040	-.00177	-.00316	155.37	1.5612	.00635
#2	.09536	-.04129	.97289	-.00156	-.00491	157.15	1.5658	.00637

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01008	1695.3	1.5094	.07481	.56120	165.71	5.5012	90.774
Stddev	.00054	7.4	.0037	.00110	.00107	2.09	.0164	.288
%RSD	5.3659	.43700	.24760	1.4695	.19119	1.2624	.29855	.31756

#1	.00969	1700.5	1.5067	.07558	.56044	167.19	5.4896	90.570
#2	.01046	1690.0	1.5120	.07403	.56196	164.23	5.5128	90.978

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52629	-.00872	5.9965	1.0391	1.7903	22.609	.09220	.17825
Stddev	.00239	.00008	.0093	.0040	.0271	.099	.00012	.00099
%RSD	.45387	.89430	.15481	.38604	1.5161	.43875	.13203	.55648

#1	.52798	-.00878	5.9899	1.0363	1.8095	22.539	.09229	.17755
#2	.52460	-.00867	6.0031	1.0419	1.7711	22.679	.09212	.17895

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.261	.61247	.02654	7.1485	2.4986	3.686	1.2205	51.440
Stddev	.033	.00626	.00109	.0252	.0062	.009	.0048	.080
%RSD	.05110	1.0228	4.1125	.35234	.24659	.2497	.38978	.15549

#1	65.285	.61690	.02731	7.1664	2.4942	3.680	1.2171	51.383
#2	65.238	.60804	.02576	7.1307	2.5030	3.693	1.2238	51.496

Sample Name: J4935-05 Acquired: 9/17/2018 20:23:01 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-1-CONC Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.938
Stddev	1.083
%RSD	9.9028

#1	11.703
#2	10.172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.9	42936.	4626.5	95.294	2298.7
Stddev	4.7	89.	8.9	1.454	6.2
%RSD	.25383	.20807	.19325	1.5261	.26978

#1	1858.6	43000.	4620.2	94.265	2294.3
#2	1865.3	42873.	4632.9	96.322	2303.1

Sample Name: J4940-01 Acquired: 9/17/2018 20:27:00 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01537	-.00647	.04886	.00179	-.00272	48.604	.25525
Stddev	.00225	.00106	.00049	.00030	.00133	.111	.00130
%RSD	14.641	16.319	1.0131	16.657	49.026	.22918	.50803

#1	.01378	-.00722	.04851	.00158	-.00177	48.526	.25617
#2	.01696	-.00572	.04921	.00200	-.00366	48.683	.25433

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	.00019	13.368	.04881	.03717	.19865	79.116
Stddev	.00003	.00006	.041	.00014	.00008	.00126	1.110
%RSD	.74385	30.584	.30762	.28488	.20559	.63195	1.4025

#1	.00351	.00015	13.397	.04891	.03712	.19776	79.901
#2	.00355	.00023	13.339	.04871	.03723	.19954	78.332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0207	12.875	.07344	-.00083	.73947	.07551	.17933
Stddev	.0058	.066	.00009	.00090	.00648	.00030	.00248
%RSD	.19086	.50911	.12391	108.41	.87669	.40366	1.3835

#1	3.0247	12.921	.07338	-.00019	.73489	.07530	.18109
#2	3.0166	12.828	.07351	-.00147	.74406	.07573	.17758

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5952	-.00012	.03580	.07520	3.2998	-.00046	.64591
Stddev	.0267	.00024	.01254	.00739	.0807	.00070	.00570
%RSD	.58006	205.05	35.011	9.8298	2.4467	153.33	.88200

#1	4.6141	.00005	.04467	.08042	3.3569	-.00095	.64993
#2	4.5764	-.00029	.02694	.06997	3.2427	.00004	.64188

Sample Name: J4940-01 Acquired: 9/17/2018 20:27:00 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.65904	4.973	.05264	F<.00000	7.2421
Stddev	.00078	.005	.00022	.15988	.0118
%RSD	.11816	.1004	.41880	3.4229	.16362

#1	.65960	4.976	.05248	-4.7840	7.2505
#2	.65849	4.969	.05279	-4.5579	7.2337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.7	50478.	4822.1	109.63	3126.3
Stddev	7.2	72.	44.2	2.04	9.3
%RSD	.33335	.14237	.91711	1.8650	.29873

#1	2161.6	50427.	4790.8	108.18	3119.7
#2	2171.8	50529.	4853.3	111.07	3132.9

Sample Name: J4940-05 Acquired: 9/17/2018 20:30:58 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02140	-.01427	.07736	.00090	-.00097	84.838	.58655
Stddev	.00154	.00266	.00382	.00070	.00112	1.688	.03821
%RSD	7.1865	18.659	4.9376	77.971	114.58	1.9895	6.5144

#1	.02249	-.01239	.07466	.00140	-.00176	86.031	.61357
#2	.02031	-.01615	.08006	.00041	-.00018	83.644	.55953

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	.00049	8.5711	.07371	.07196	.33203	139.68
Stddev	.00005	.00159	.5387	.00128	.00111	.01347	10.95
%RSD	.92178	321.67	6.2856	1.7385	1.5355	4.0574	7.8379

#1	.00577	-.00063	8.9520	.07462	.07118	.32251	147.42
#2	.00570	.00162	8.1901	.07280	.07274	.34156	131.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.153	23.529	.12901	.00017	.82245	.10828	.31458
Stddev	.079	1.544	.00302	.00138	.06525	.00211	.02123
%RSD	.64801	6.5634	2.3420	803.09	7.9332	1.9445	6.7477

#1	12.209	24.621	.12687	.00115	.86859	.10977	.32959
#2	12.097	22.437	.13114	-.00080	.77632	.10680	.29957

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0544	-.00016	.06342	.35823	3.7216	.00135	.80236
Stddev	.4193	.00012	.01309	.00107	.2195	.00058	.05329
%RSD	5.9432	74.803	20.634	.29752	5.8977	42.756	6.6417

#1	7.3509	-.00025	.07268	.35748	3.8768	.00176	.84004
#2	6.7580	-.00008	.05417	.35899	3.5664	.00094	.76468

Sample Name: J4940-05 Acquired: 9/17/2018 20:30:58 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1423	3.353	.05717	F<.00000	4.4144
Stddev	.0759	.078	.00332	.58698	.2069
%RSD	6.6471	2.327	5.8116	7.2908	4.6870

#1	1.1959	3.298	.05952	-7.6360	4.2681
#2	1.0886	3.408	.05482	-8.4661	4.5607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.3	51925.	4929.3	106.35	3059.6
Stddev	26.1	662.	271.3	7.44	47.6
%RSD	1.1671	1.2746	5.5034	7.0002	1.5561

#1	2253.8	51457.	4737.5	101.08	3093.2
#2	2216.9	52393.	5121.1	111.61	3025.9

Sample Name: J4941-01 Acquired: 9/17/2018 20:35:02 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB47199RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07821	-.02637	1.4681	.00018	-.00273	147.25	.74901
Stddev	.00022	.00199	.0030	.00002	.00164	1.65	.00213
%RSD	.28525	7.5525	.20384	9.2791	60.135	1.1229	.28455

#1	.07837	-.02496	1.4702	.00020	-.00388	148.42	.75051
#2	.07806	-.02778	1.4660	.00017	-.00157	146.09	.74750

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00817	.00682	81.961	.29844	.13028	.36499	302.73
Stddev	.00001	.00051	.370	.00079	.00017	.00162	2.64
%RSD	.15232	7.5199	.45120	.26485	.13152	.44421	.87076

#1	.00818	.00646	81.699	.29900	.13016	.36384	304.60
#2	.00816	.00719	82.222	.29788	.13040	.36613	300.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2106	59.782	.23925	.00428	5.2581	.50301	1.9014
Stddev	.0189	.116	.00066	.00023	.0135	.00026	.0057
%RSD	.58914	.19369	.27619	5.4328	.25717	.05115	.29789

#1	3.2240	59.700	.23878	.00444	5.2677	.50283	1.9054
#2	3.1973	59.864	.23972	.00411	5.2486	.50320	1.8974

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4251	.00425	.20550	7.5408	3.2071	.02802	3.3681
Stddev	.0386	.00038	.00175	.0220	.0334	.00062	.0019
%RSD	.51915	9.0575	.84995	.29199	1.0410	2.2085	.05478

#1	7.3979	.00452	.20426	7.5563	3.1835	.02845	3.3668
#2	7.4524	.00398	.20673	7.5252	3.2307	.02758	3.3694

Sample Name: J4941-01 Acquired: 9/17/2018 20:35:02 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB47199RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9437	7.963	.25695	F<.00000	F<.00000
Stddev	.0025	.022	.00006	.36767	.27887
%RSD	.12867	.2772	.02237	2.8546	6.3315

#1	1.9455	7.979	.25699	-12.620	-4.2074
#2	1.9419	7.948	.25690	-13.140	-4.6018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.2	53234.	5328.3	103.68	2796.7
Stddev	4.9	455.	34.1	.51	10.3
%RSD	.21189	.85541	.63924	.48760	.36840

#1	2294.7	52912.	5352.4	103.32	2789.5
#2	2301.6	53556.	5304.2	104.04	2804.0

Sample Name: J4941-04 Acquired: 9/17/2018 20:39:00 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB47198RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07344	-.02366	.85218	-.00223	.00100	142.91	.61290
Stddev	.00008	.00406	.00185	.00536	.00044	1.45	.00897
%RSD	.10555	17.140	.21762	240.12	44.367	1.0167	1.4640

#1	.07338	-.02653	.85087	-.00603	.00069	141.88	.60656
#2	.07349	-.02079	.85350	.00156	.00132	143.93	.61925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00799	.00788	44.969	.24561	.13797	.37529	299.59
Stddev	.00014	.00056	.593	.00034	.00006	.00278	4.26
%RSD	1.7975	7.1144	1.3176	.13894	.03994	.73984	1.4210

#1	.00789	.00827	44.550	.24536	.13793	.37726	296.58
#2	.00809	.00748	45.388	.24585	.13800	.37333	302.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2966	61.275	.24655	.00209	5.0417	.50144	1.5670
Stddev	.0004	.615	.00044	.00023	.0661	.00363	.0055
%RSD	.01261	1.0029	.17783	11.246	1.3116	.72373	.35111

#1	3.2969	60.840	.24624	.00192	4.9949	.49888	1.5631
#2	3.2963	61.709	.24686	.00225	5.0885	.50401	1.5709

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2047	.00276	.24403	3.6757	2.3716	.02577	3.5240
Stddev	.1040	.00018	.00271	.0069	.0284	.00268	.0437
%RSD	1.6758	6.5123	1.1096	.18816	1.1971	10.402	1.2404

#1	6.1312	.00264	.24595	3.6806	2.3515	.02387	3.4931
#2	6.2783	.00289	.24212	3.6708	2.3916	.02766	3.5549

Sample Name: J4941-04 Acquired: 9/17/2018 20:39:00 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB47198RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.7321	6.988	.16070	F<.00000	F<.00000
Stddev	.0174	.007	.00297	.50173	.18986
%RSD	1.0028	.1072	1.8464	3.3143	4.3258

#1	1.7198	6.993	.15861	-14.784	-4.5234
#2	1.7444	6.983	.16280	-15.493	-4.2548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2299.8	53603.	5362.8	107.77	2847.7
Stddev	2.9	94.	10.7	.40	6.8
%RSD	.12459	.17454	.19918	.37166	.23713

#1	2297.8	53536.	5370.4	108.05	2842.9
#2	2301.8	53669.	5355.3	107.49	2852.4

Sample Name: J4942-01 Acquired: 9/17/2018 20:42:57 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB32727RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02682	-.00837	.17861	-.00189	-.00316	57.901	.61395
Stddev	.00111	.00078	.00132	.00020	.00054	.085	.00065
%RSD	4.1292	9.3686	.73814	10.370	17.115	.14651	.10518

#1	.02760	-.00782	.17954	-.00203	-.00277	57.841	.61349
#2	.02603	-.00893	.17768	-.00175	-.00354	57.961	.61440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00717	.00064	20.095	.08547	.07017	.12508	141.72
Stddev	.00008	.00037	.030	.00163	.00021	.00201	3.71
%RSD	1.0534	58.480	.14942	1.9114	.30329	1.6062	2.6184

#1	.00723	.00090	20.074	.08663	.07032	.12650	139.10
#2	.00712	.00037	20.116	.08432	.07002	.12366	144.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2419	15.867	.13069	.00002	7.0938	.12558	.38255
Stddev	.0063	.094	.00051	.00020	.0017	.00092	.01210
%RSD	.14926	.59390	.38846	1294.0	.02434	.73401	3.1626

#1	4.2464	15.934	.13105	-.00012	7.0926	.12623	.37400
#2	4.2374	15.801	.13033	.00015	7.0950	.12492	.39111

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6851	.00013	.05782	.31459	2.5856	.00654	.97212
Stddev	.0541	.00037	.00639	.00262	.0221	.00184	.00294
%RSD	.70412	291.66	11.048	.83160	.85462	28.113	.30202

#1	7.6468	-.00013	.05330	.31274	2.5699	.00783	.97005
#2	7.7233	.00039	.06233	.31644	2.6012	.00524	.97420

Sample Name: J4942-01 Acquired: 9/17/2018 20:42:57 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB32727RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.67603	5.330	.15561	F<.00000	6.0970
Stddev	.01489	.015	.00043	.58465	.8026
%RSD	2.2027	.2804	.27677	6.8220	13.164

#1	.66550	5.341	.15530	-8.9834	6.6645
#2	.68656	5.320	.15591	-8.1566	5.5295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.0	52918.	5070.3	110.61	3090.1
Stddev	3.2	18.	5.5	2.91	10.0
%RSD	.13958	.03395	.10822	2.6297	.32232

#1	2259.7	52905.	5074.2	112.67	3083.0
#2	2264.2	52930.	5066.4	108.56	3097.1

Sample Name: CCV09 Acquired: 9/17/2018 20:46:56 Type: Unk
Method: P4-ICP2(v2435) 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	4.8707	5.1559	4.8811	4.8599	4.9682	9.9088	10.483
Stddev	.0042	.0021	.0040	.0050	.0028	.0237	.056
%RSD	.08642	.04021	.08166	.10363	.05642	.23907	.53447

#1	4.8677	5.1544	4.8839	4.8563	4.9702	9.8921	10.522
#2	4.8736	5.1574	4.8783	4.8634	4.9662	9.9256	10.443

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25681	2.4485	25.634	1.0040	2.4657	1.2490	5.0783
Stddev	.00003	.0010	.007	.0007	.0036	.0014	.0751
%RSD	.01242	.04014	.02735	.07394	.14551	.11604	1.4793

#1	.25683	2.4492	25.629	1.0035	2.4682	1.2500	5.0252
#2	.25679	2.4478	25.639	1.0046	2.4631	1.2480	5.1314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5145	25.933	2.3624	1.2286	26.619	2.5071	2.6639
Stddev	.0002	.032	.0015	.0026	.122	.0027	.0257
%RSD	.00619	.12268	.06321	.20872	.45645	.10989	.96449

#1	2.5144	25.956	2.3613	1.2268	26.705	2.5051	2.6457
#2	2.5146	25.911	2.3634	1.2304	26.533	2.5090	2.6821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.074	4.9544	5.3518	4.8534	F 5.6109	4.7778	4.9825
Stddev	.055	.0001	.0128	.0033	.0390	.0117	.0052
%RSD	.21218	.00137	.23979	.06865	.69562	.24480	.10358

#1	26.113	4.9544	5.3609	4.8510	5.6385	4.7861	4.9789
#2	26.035	4.9545	5.3427	4.8557	5.5833	4.7696	4.9862

Sample Name: CCV09 Acquired: 9/17/2018 20:46:56 Type: Unk
 Method: P4-ICP2(v2435) 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	5.0705	4.759	F 5.7743	F 1.7609	F<.00000
Stddev	.0314	.005	.0471	.1005	.06422
%RSD	.61919	.1119	.81493	5.7051	2.9623

#1	5.0927	4.763	5.8076	1.8319	-2.1226
#2	5.0483	4.755	5.7410	1.6898	-2.2134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.3	45293.	4282.5	103.57	3012.5
Stddev	3.4	71.	28.5	.86	6.3
%RSD	.17374	.15683	.66557	.83158	.20915

#1	1941.9	45243.	4262.4	104.18	3008.1
#2	1946.7	45343.	4302.7	102.96	3017.0

Sample Name: CCB09 Acquired: 9/17/2018 20:50:42 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7453 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	.00091	-.00395	.00141	-.00074	-.02071	-.00108
Stddev	.00063	.00047	.00044	.00113	.00206	.00295	.00112
%RSD	31.726	51.116	11.206	79.767	277.59	14.230	102.90

#1	.00153	.00058	-.00427	.00221	.00071	-.02280	-.00187
#2	.00242	.00124	-.00364	.00062	-.00220	-.01863	-.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00020	-.04101	-.00001	.00004	.00097	.01364
Stddev	.00007	.00007	.00174	.00017	.00009	.00037	.00600
%RSD	49.488	37.751	4.2324	1241.6	222.48	38.772	43.981

#1	.00009	-.00015	-.03978	-.00014	.00010	.00070	.01788
#2	.00019	-.00025	-.04224	.00011	-.00002	.00123	.00940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.02357	-.00010	-.00008	-.13800	-.00009	-.00078
Stddev	.00002	.01521	.00009	.00085	.00635	.00056	.00012
%RSD	17.155	64.533	89.873	1057.4	4.6038	622.19	15.579

#1	-.00008	-.01281	-.00004	.00052	-.13351	-.00048	-.00069
#2	-.00011	-.03432	-.00016	-.00068	-.14249	.00030	-.00087

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.49490	.00116	-.00732	-.00135	.00821	-.00268	.00524
Stddev	.00702	.00044	.00729	.00224	.00337	.00013	.00142
%RSD	1.4183	37.552	99.664	166.50	41.081	5.0007	27.045

#1	-.49986	.00147	-.01247	.00024	.00583	-.00259	.00423
#2	-.48993	.00086	-.00216	-.00293	.01060	-.00278	.00624

Sample Name: CCB09 Acquired: 9/17/2018 20:50:42 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7453 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .10046	.0001	-.00059	F<.00000	F<.00000
Stddev	.00848	.0018	.00003	.09780	.20688
%RSD	8.4389	1316.	4.6757	19.656	4.6078

#1	.09447	.0014	-.00057	-.42840	-4.3434
#2	.10646	-.0011	-.00061	-.56670	-4.6360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.3	46886.	4259.4	109.35	3348.6
Stddev	2.1	112.	28.6	1.83	.2
%RSD	.10442	.23800	.67084	1.6749	.00472

#1	1998.9	46807.	4239.2	108.06	3348.5
#2	2001.8	46964.	4279.6	110.65	3348.7

Sample Name: J4943-01 Acquired: 9/17/2018 20:54:46 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01655	-.00790	.16223	.00330	.00215	24.803	.40892	.00107
Stddev	.00503	.00241	.00043	.00195	.00272	.014	.00035	.00007
%RSD	30.390	30.510	.26723	59.294	126.46	.05522	.08600	6.8121

#1	.02011	-.00960	.16192	.00468	.00023	24.813	.40917	.00112
#2	.01299	-.00619	.16254	.00191	.00408	24.793	.40867	.00102

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	141.69	.06078	.02198	.19836	38.188	2.1119	29.564
Stddev	.00011	.20	.00022	.00006	.00061	.236	.0052	.034
%RSD	11.354	.14275	.36107	.26938	.30793	.61875	.24600	.11531

#1	.00105	141.54	.06062	.02194	.19879	38.021	2.1082	29.540
#2	.00089	141.83	.06093	.02202	.19793	38.355	2.1156	29.588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04159	-.00086	4.3976	.12376	.88469	69.843	.00298	.30935
Stddev	.00017	.00020	.0035	.00022	.00708	.102	.00002	.00129
%RSD	.40242	23.092	.07951	.17850	.79989	.14667	.76886	.41633

#1	.04171	-.00072	4.4001	.12360	.87969	69.915	.00299	.30844
#2	.04147	-.00101	4.3951	.12392	.88970	69.771	.00296	.31026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.021	2.1278	.00197	1.3763	.33847	13.27	.83678	3.4267
Stddev	.016	.0173	.00068	.0136	.00903	.02	.00481	.4509
%RSD	.12127	.81207	34.676	.99066	2.6689	.1478	.57486	13.159

#1	13.010	2.1156	.00148	1.3667	.34486	13.26	.84018	3.1079
#2	13.032	2.1400	.00245	1.3860	.33209	13.28	.83338	3.7456

Sample Name: J4943-01 Acquired: 9/17/2018 20:54:46 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.2136
 Stddev .3500
 %RSD 4.2615

#1 8.4611
 #2 7.9661

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.3	45107.	4391.0	107.12	2942.2
Stddev	7.6	97.	11.8	.59	11.0
%RSD	.40361	.21428	.26948	.55281	.37328

#1	1869.0	45176.	4382.7	107.54	2934.5
#2	1879.6	45039.	4399.4	106.70	2950.0

Sample Name: J4936-01 Acquired: 9/17/2018 20:58:44 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06078	-.04071	1.0381	-.00451	.00528	197.24	1.2289	.01048
Stddev	.00416	.00125	.0017	.00087	.00006	.86	.0021	.00015
%RSD	6.8375	3.0649	.16213	19.383	1.0588	.43684	.16687	1.4579

#1	.05785	-.04159	1.0369	-.00389	.00532	197.85	1.2304	.01059
#2	.06372	-.03983	1.0393	-.00513	.00524	196.63	1.2275	.01037

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09895	1823.4	.43732	.06498	2.3251	148.03	3.7142	197.73
Stddev	.00028	4.9	.00126	.00011	.0084	1.63	.0026	1.07
%RSD	.28239	.26804	.28863	.16469	.36078	1.0995	.06947	.54008

#1	.09914	1826.9	.43642	.06491	2.3310	149.18	3.7124	196.97
#2	.09875	1820.0	.43821	.06506	2.3192	146.88	3.7160	198.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17855	-.00323	4.6573	.25645	23.168	13.988	.00223	.40859
Stddev	.00092	.00045	.0018	.00008	.291	.003	.00040	.00845
%RSD	.51769	14.055	.03908	.03043	1.2565	.02153	18.109	2.0680

#1	.17921	-.00356	4.6560	.25640	23.374	13.986	.00195	.41456
#2	.17790	-.00291	4.6586	.25651	22.962	13.990	.00252	.40261

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.022	.82592	-.02121	6.7001	1.4959	7.640	10.609	59.758
Stddev	.314	.01147	.00096	.0185	.0086	.003	.073	.375
%RSD	.46893	1.3883	4.5143	.27611	.57778	.0390	.68592	.62768

#1	67.245	.83403	-.02188	6.6870	1.4898	7.638	10.557	60.023
#2	66.800	.81781	-.02053	6.7132	1.5020	7.642	10.660	59.492

Sample Name: J4936-01 Acquired: 9/17/2018 20:58:44 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 138kv-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.899
 Stddev .665
 %RSD 3.9335

#1 17.369
 #2 16.429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.8	42631.	4609.7	96.273	2242.7
Stddev	9.2	44.	12.3	1.107	6.4
%RSD	.50109	.10326	.26629	1.1495	.28330

#1	1822.3	42600.	4618.4	95.490	2238.3
#2	1835.2	42662.	4601.1	97.055	2247.2

Sample Name: J4936-03 Acquired: 9/17/2018 21:02:54 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-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	.20650	-.03017	.49164	.00324	.00017	120.95	1.0986	.00652
Stddev	.00048	.00367	.00408	.00281	.00215	.45	.0060	.00007
%RSD	.23467	12.174	.82905	86.779	1252.4	.36949	.54455	1.1038

#1	.20684	-.02758	.48876	.00125	-.00135	120.63	1.1028	.00646
#2	.20616	-.03277	.49452	.00523	.00169	121.27	1.0943	.00657

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00928	1717.3	2.0117	.08324	.48660	122.84	1.1965	56.178
Stddev	.00013	2.6	.0006	.00061	.00268	.32	.0012	.164
%RSD	1.4303	.14912	.02730	.73192	.55025	.26125	.10017	.29214

#1	.00937	1719.1	2.0121	.08367	.48849	122.61	1.1957	56.062
#2	.00919	1715.5	2.0113	.08281	.48470	123.07	1.1974	56.294

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73518	-.00343	2.8964	.59577	3.5679	5.2376	.01550	.14264
Stddev	.00000	.00004	.0139	.00033	.0062	.0448	.00002	.00214
%RSD	.00047	1.2267	.47919	.05596	.17478	.85553	.15537	1.4984

#1	.73518	-.00340	2.9062	.59600	3.5635	5.2059	.01548	.14415
#2	.73519	-.00346	2.8866	.59553	3.5723	5.2693	.01552	.14113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.643	1.1057	-.01322	5.9112	1.2481	5.303	2.7768	54.693
Stddev	.068	.0084	.00088	.0089	.0101	.006	.0024	.028
%RSD	.11068	.75832	6.6374	.15012	.80934	.1193	.08743	.05168

#1	61.691	1.1116	-.01260	5.9175	1.2552	5.308	2.7786	54.673
#2	61.595	1.0997	-.01384	5.9050	1.2410	5.299	2.7751	54.713

Sample Name: J4936-03 Acquired: 9/17/2018 21:02:54 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 138kv-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 18.105
 Stddev .785
 %RSD 4.3375

#1 17.549
 #2 18.660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.3	42815.	4527.0	96.432	2316.2
Stddev	8.5	69.	11.9	.111	5.9
%RSD	.46079	.16169	.26287	.11550	.25669

#1	1834.3	42864.	4518.6	96.511	2312.0
#2	1846.3	42766.	4535.4	96.354	2320.4

Sample Name: J4936-05 Acquired: 9/17/2018 21:06:53 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08065	-.04264	6.6635	-.00014	.18735	191.60	2.2431	.00872
Stddev	.00162	.00160	.0165	.00003	.00018	.06	.0009	.00007
%RSD	2.0073	3.7497	.24729	20.562	.09663	.03299	.04008	.85590
#1	.08179	-.04151	6.6751	-.00016	.18722	191.55	2.2438	.00867
#2	.07950	-.04377	6.6518	-.00012	.18747	191.64	2.2425	.00877
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04732	2012.8	.48275	.05554	4.4535	143.39	3.6067	166.18
Stddev	.00040	20.5	.00471	.00065	.0019	1.76	.0013	.25
%RSD	.83853	1.0192	.97659	1.1786	.04348	1.2301	.03695	.14744
#1	.04760	1998.3	.47941	.05508	4.4522	142.14	3.6057	166.01
#2	.04704	2027.3	.48608	.05601	4.4549	144.63	3.6076	166.36
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13467	.04956	8.9503	.25806	8.1613	17.939	.00375	.39756
Stddev	.00042	.00073	.0156	.00016	.0948	.006	.00024	.00617
%RSD	.31255	1.4754	.17438	.06260	1.1620	.03279	6.3756	1.5514
#1	.13497	.04904	8.9393	.25817	8.0942	17.943	.00392	.39320
#2	.13438	.05008	8.9613	.25794	8.2283	17.935	.00358	.40192
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.775	1.4263	.01911	6.4948	1.9760	8.571	14.372	73.624
Stddev	.005	.0001	.00006	.0103	.0265	.040	.007	.464
%RSD	.00742	.01082	.29424	.15786	1.3384	.4704	.05165	.63034
#1	65.779	1.4262	.01907	6.4875	1.9573	8.600	14.377	73.952
#2	65.772	1.4264	.01915	6.5020	1.9947	8.543	14.366	73.296

Sample Name: J4936-05 Acquired: 9/17/2018 21:06:53 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 18.102
 Stddev .365
 %RSD 2.0168

#1 17.844
 #2 18.360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.4	42413.	4694.1	93.514	2194.1
Stddev	.0	24.	12.2	.965	5.8
%RSD	.00233	.05736	.26070	1.0322	.26571

#1	1816.5	42396.	4702.7	94.197	2190.0
#2	1816.4	42430.	4685.4	92.832	2198.2

Sample Name: J4936-07 Acquired: 9/17/2018 21:11:03 Type: Unk
 Method: P4-ICP2(v2435) 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	.05442	-.03951	1.8905	-.00197	.00492	228.13	1.1827	.00967
Stddev	.00405	.00043	.0116	.00328	.00077	.04	.0035	.00017
%RSD	7.4350	1.0998	.61081	166.40	15.661	.01639	.29558	1.7683
#1	.05156	-.03920	1.8986	.00035	.00437	228.16	1.1851	.00955
#2	.05728	-.03981	1.8823	-.00430	.00546	228.11	1.1802	.00979
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01965	2200.2	.25601	.05438	1.8361	126.64	3.7268	123.72
Stddev	.00052	2.5	.00204	.00037	.0034	1.84	.0003	.10
%RSD	2.6551	.11559	.79675	.67281	.18600	1.4503	.00675	.07724
#1	.02002	2202.0	.25457	.05412	1.8337	125.35	3.7270	123.79
#2	.01928	2198.4	.25745	.05464	1.8385	127.94	3.7267	123.65
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11767	.00303	2.3686	.22064	7.7144	5.0298	.00137	.42272
Stddev	.00084	.00026	.0252	.00330	.1391	.0785	.00006	.01116
%RSD	.71487	8.7397	1.0627	1.4965	1.8034	1.5600	4.3570	2.6408
#1	.11707	.00322	2.3864	.21831	7.6161	4.9743	.00141	.41483
#2	.11826	.00284	2.3508	.22297	7.8128	5.0853	.00132	.43062
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.174	.77746	-.02352	6.6986	1.6380	10.09	12.259	80.584
Stddev	.019	.01591	.00149	.0120	.0147	.02	.022	.511
%RSD	.02938	2.0461	6.3224	.17912	.89989	.2385	.17673	.63396
#1	63.187	.76621	-.02457	6.6901	1.6276	10.10	12.243	80.223
#2	63.160	.78871	-.02247	6.7070	1.6484	10.07	12.274	80.945

Sample Name: J4936-07 Acquired: 9/17/2018 21:11:03 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 19.672
 Stddev .003
 %RSD .01522

#1 19.674
 #2 19.670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.8	42303.	4687.7	95.659	2203.1
Stddev	.1	62.	7.3	1.678	1.2
%RSD	.00352	.14649	.15630	1.7540	.05502

#1	1827.7	42259.	4692.9	96.846	2202.3
#2	1827.8	42347.	4682.5	94.473	2204.0

Sample Name: J4936-09 Acquired: 9/17/2018 21:15:15 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06479	-.02950	2.5426	-.00362	.03767	130.10	1.7656	.00598
Stddev	.00014	.00136	.0095	.00612	.00116	.65	.0001	.00009
%RSD	.21168	4.6121	.37233	169.11	3.0911	.49890	.00386	1.4380
#1	.06488	-.03047	2.5359	-.00795	.03685	129.65	1.7657	.00592
#2	.06469	-.02854	2.5493	.00071	.03850	130.56	1.7656	.00604
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12015	F 2777.0	.15901	.04774	1.4957	121.85	3.2760	822.71
Stddev	.00036	.1	.00322	.00027	.0029	.78	.0235	2.75
%RSD	.29635	.00465	2.0279	.55755	.19406	.64235	.71684	.33419
#1	.11989	2776.9	.15673	.04792	1.4977	121.30	3.2594	820.77
#2	.12040	2777.1	.16129	.04755	1.4936	122.41	3.2926	824.65
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13122	-.00667	1.3350	.17032	15.056	9.8807	.00308	.23394
Stddev	.00116	.00027	.0085	.00139	.040	.0113	.00010	.00070
%RSD	.88290	4.0542	.63847	.81383	.26438	.11440	3.1364	.29874
#1	.13040	-.00686	1.3289	.16934	15.027	9.8886	.00315	.23345
#2	.13204	-.00648	1.3410	.17130	15.084	9.8727	.00301	.23443
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.225	1.0609	-.00590	4.6288	1.5983	5.630	6.6256	F 102.15
Stddev	.270	.0168	.00078	.0020	.0015	.015	.0067	.52
%RSD	.59692	1.5857	13.153	.04417	.09452	.2690	.10087	.50615
#1	45.034	1.0728	-.00645	4.6273	1.5993	5.619	6.6303	102.51
#2	45.416	1.0490	-.00535	4.6302	1.5972	5.641	6.6208	101.78

Sample Name: J4936-09 Acquired: 9/17/2018 21:15:15 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	21.453
Stddev	2.233
%RSD	10.409

#1	19.874
#2	23.032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.2	39563.	4339.8	89.303	2001.0
Stddev	2.6	237.	.6	.013	7.3
%RSD	.15526	.59784	.01409	.01423	.36551

#1	1668.0	39731.	4340.2	89.312	2006.1
#2	1664.4	39396.	4339.4	89.294	1995.8

Sample Name: J4936-11 Acquired: 9/17/2018 21:19:14 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 132-1-VOLT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07810	-.03824	6.1708	.00017	.30628	208.37	1.7352	.01331
Stddev	.00467	.00454	.0177	.00088	.00272	.03	.0046	.00004
%RSD	5.9741	11.883	.28662	517.94	.88652	.01314	.26764	.26671

#1	.07480	-.03502	6.1583	.00079	.30820	208.35	1.7320	.01328
#2	.08140	-.04145	6.1833	-.00045	.30436	208.39	1.7385	.01333

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03222	1743.7	1.7527	.15501	3.4384	186.68	3.9056	79.670
Stddev	.00036	1.0	.0027	.00082	.0030	.33	.0089	.215
%RSD	1.1323	.05807	.15482	.52882	.08691	.17613	.22818	.26980

#1	.03197	1743.0	1.7508	.15443	3.4362	186.91	3.8993	79.518
#2	.03248	1744.5	1.7546	.15559	3.4405	186.45	3.9119	79.822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19116	-.00292	5.2066	.27485	13.061	14.116	.01872	.39635
Stddev	.00008	.00048	.0081	.00269	.033	.053	.00121	.01348
%RSD	.04357	16.369	.15588	.97744	.25581	.37757	6.4913	3.4019

#1	.19122	-.00259	5.2009	.27295	13.037	14.079	.01786	.38682
#2	.19110	-.00326	5.2124	.27675	13.084	14.154	.01957	.40589

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.057	1.3356	.12583	5.8204	2.4952	9.371	10.090	57.299
Stddev	.177	.0096	.00256	.0161	.0215	.004	.038	.347
%RSD	.24883	.72002	2.0350	.27626	.86322	.0426	.37594	.60576

#1	70.931	1.3288	.12402	5.8317	2.4800	9.374	10.117	57.054
#2	71.182	1.3424	.12764	5.8090	2.5105	9.368	10.063	57.545

Sample Name: J4936-11 Acquired: 9/17/2018 21:19:14 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 132-1-VOLT Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.394
Stddev .955
%RSD 6.2046

#1 16.069
#2 14.719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.9	43160.	4747.0	97.127	2264.5
Stddev	.6	9.	18.2	.045	.2
%RSD	.03074	.02170	.38381	.04582	.00679

#1	1846.5	43153.	4759.9	97.159	2264.4
#2	1847.3	43167.	4734.1	97.096	2264.6

Sample Name: J4936-13 Acquired: 9/17/2018 21:23:24 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 26KV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05504	-.03965	.14689	-.00121	.00080	188.91	1.1273	.00801
Stddev	.00092	.00338	.00082	.00480	.00039	.63	.0018	.00001
%RSD	1.6711	8.5226	.55742	397.58	48.920	.33541	.15961	.07423

#1	.05439	-.03726	.14631	.00219	.00108	189.36	1.1261	.00801
#2	.05569	-.04204	.14747	-.00460	.00052	188.46	1.1286	.00800

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02339	1778.4	.30887	.05961	.84662	164.59	3.1227	84.790
Stddev	.00003	14.7	.00089	.00020	.00371	.90	.0028	.617
%RSD	.12945	.82820	.28860	.33142	.43842	.54779	.09096	.72711

#1	.02337	1768.0	.30824	.05974	.84399	165.23	3.1207	84.354
#2	.02341	1788.8	.30950	.05947	.84924	163.95	3.1247	85.226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12693	-.00709	4.8434	.23710	10.380	12.074	.00523	.44798
Stddev	.00139	.00059	.0004	.00070	.051	.097	.00022	.01019
%RSD	1.0972	8.2717	.00880	.29387	.49576	.80317	4.2741	2.2738

#1	.12791	-.00750	4.8431	.23759	10.417	12.005	.00539	.45518
#2	.12594	-.00667	4.8437	.23661	10.344	12.142	.00507	.44078

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.967	1.0805	-.02082	6.7215	1.5973	8.849	11.145	57.975
Stddev	.419	.0189	.00197	.0502	.0087	.012	.081	.067
%RSD	.56683	1.7487	9.4781	.74675	.54280	.1316	.72985	.11491

#1	74.264	1.0938	-.02221	6.6860	1.5912	8.857	11.202	58.022
#2	73.671	1.0671	-.01942	6.7570	1.6035	8.841	11.087	57.928

Sample Name: J4936-13 Acquired: 9/17/2018 21:23:24 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 26KV Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.671
 Stddev .877
 %RSD 5.2587

#1 16.051
 #2 17.290

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.9	42995.	4671.7	97.987	2282.7
Stddev	4.2	1.	21.7	.395	5.5
%RSD	.22564	.00197	.46403	.40301	.24035

#1	1869.9	42996.	4687.0	97.708	2278.9
#2	1864.0	42995.	4656.3	98.266	2286.6

Sample Name: J4936-15 Acquired: 9/17/2018 21:27:36 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138-KV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11077	-.02350	1.0926	.01732	.00217	62.295	1.0860
Stddev	.00157	.00218	.0047	.00262	.00101	.300	.0058
%RSD	1.4205	9.2737	.42729	15.109	46.371	.48161	.53369

#1	.10966	-.02196	1.0959	.01917	.00146	62.507	1.0901
#2	.11189	-.02504	1.0893	.01547	.00288	62.083	1.0819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01441	.01380	33.271	1.3816	.13260	1.7635	256.92
Stddev	.00007	.00002	.272	.0008	.00008	.0050	1.90
%RSD	.48912	.14797	.81751	.05600	.06237	.28368	.73995

#1	.01446	.01382	33.463	1.3821	.13254	1.7600	258.26
#2	.01436	.01379	33.079	1.3810	.13266	1.7670	255.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3074	34.992	.22469	.00421	1.8625	.46586	5.9226
Stddev	.0011	.052	.00160	.00015	.0110	.00357	.0215
%RSD	.08682	.14761	.71021	3.5276	.58808	.76703	.36278

#1	1.3082	35.028	.22581	.00432	1.8547	.46839	5.9378
#2	1.3066	34.955	.22356	.00411	1.8702	.46334	5.9074

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.818	.01539	.31857	11.834	1.1412	.05085	3.9078
Stddev	.053	.00039	.00613	.026	.0006	.00031	.0319
%RSD	.41496	2.5410	1.9242	.22249	.05118	.60909	.81739

#1	12.855	.01567	.32291	11.815	1.1408	.05063	3.9304
#2	12.780	.01512	.31424	11.852	1.1416	.05107	3.8853

Sample Name: J4936-15 Acquired: 9/17/2018 21:27:36 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 138-KV Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.99656	6.356	.30397	F<.00000	F<.00000
Stddev	.01757	.032	.00015	.07849	.79443
%RSD	1.7626	.5004	.04994	.49320	37.004
#1	1.0090	6.333	.30408	-15.970	-2.7086
#2	.98414	6.378	.30386	-15.859	-1.5851
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.5	55737.	5483.7	109.57	2965.5
Stddev	1.5	247.	4.2	.44	4.5
%RSD	.06226	.44259	.07624	.40551	.15069
#1	2344.4	55563.	5480.7	109.25	2962.3
#2	2346.5	55911.	5486.6	109.88	2968.6

Sample Name: J4936-19 Acquired: 9/17/2018 21:31:29 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138-KV-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1310	-.01725	6.6262	.01823	.01175	98.718	3.0956
Stddev	.0017	.00025	.0073	.00039	.00188	.620	.0050
%RSD	.05564	1.4564	.11093	2.1309	15.961	.62759	.16174

#1	3.1322	-.01707	6.6314	.01850	.01307	99.156	3.0921
#2	3.1297	-.01743	6.6210	.01795	.01042	98.280	3.0991

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11126	.13698	189.27	.78152	.26675	6.8631	324.19
Stddev	.00028	.00059	.53	.00173	.00019	.0012	2.52
%RSD	.25032	.43326	.28094	.22162	.07057	.01793	.77863

#1	.11106	.13656	188.90	.78275	.26662	6.8640	325.98
#2	.11145	.13740	189.65	.78030	.26688	6.8623	322.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8497	103.16	1.0566	.01661	3.4125	.78979	35.546
Stddev	.0053	.19	.0010	.00014	.0059	.00132	.182
%RSD	.18725	.18858	.09289	.83306	.17132	.16685	.51131

#1	2.8535	103.03	1.0559	.01671	3.4084	.78886	35.675
#2	2.8459	103.30	1.0573	.01651	3.4166	.79072	35.418

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9395	.07906	.42355	16.132	2.6554	.36611	3.4263
Stddev	.0436	.00070	.01152	.007	.0263	.00100	.0098
%RSD	.62847	.88768	2.7203	.04495	.99167	.27331	.28727

#1	6.9086	.07857	.43170	16.137	2.6368	.36541	3.4194
#2	6.9703	.07956	.41541	16.127	2.6740	.36682	3.4333

Sample Name: J4936-19 Acquired: 9/17/2018 21:31:29 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 138-KV-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1465	6.698	1.2616	F<.00000	F<.00000
Stddev	.0054	.010	.0025	.81541	.31256
%RSD	.46728	.1432	.20124	6.6312	4.5666

#1	1.1427	6.692	1.2598	-11.720	-6.6235
#2	1.1503	6.705	1.2634	-12.873	-7.0655

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.5	51630.	5200.9	107.26	2758.8
Stddev	4.5	181.	23.9	.63	6.6
%RSD	.20811	.35010	.45875	.58959	.24088

#1	2159.3	51502.	5217.8	106.82	2754.1
#2	2165.6	51758.	5184.0	107.71	2763.5

Sample Name: CCV10 Acquired: 9/17/2018 21:35:19 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8607	5.2486	4.8670	4.8847	4.9772	10.084	10.460
Stddev	.0010	.0022	.0042	.0005	.0079	.030	.016
%RSD	.02009	.04266	.08621	.01102	.15934	.29369	.15632

#1	4.8613	5.2502	4.8700	4.8851	4.9828	10.063	10.448
#2	4.8600	5.2471	4.8641	4.8844	4.9716	10.105	10.471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25905	2.4533	25.618	1.0148	2.4778	1.2471	4.8881
Stddev	.00030	.0012	.047	.0060	.0021	.0002	.0377
%RSD	.11404	.04835	.18304	.59298	.08505	.01562	.77128

#1	.25884	2.4525	25.584	1.0106	2.4763	1.2469	4.9148
#2	.25926	2.4541	25.651	1.0191	2.4793	1.2472	4.8614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5341	25.956	2.3495	1.2350	26.588	2.5357	2.5604
Stddev	.0055	.197	.0009	.0046	.058	.0062	.0049
%RSD	.21844	.75973	.03936	.37097	.21848	.24421	.19109

#1	2.5302	25.816	2.3501	1.2318	26.547	2.5313	2.5638
#2	2.5380	26.095	2.3488	1.2382	26.629	2.5401	2.5569

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.025	4.9557	5.3142	4.8510	F 5.5508	4.7792	4.9696
Stddev	.061	.0034	.0279	.0001	.0021	.0209	.0200
%RSD	.23351	.06833	.52473	.00107	.03825	.43786	.40211

#1	25.982	4.9581	5.2944	4.8509	5.5523	4.7940	4.9554
#2	26.068	4.9533	5.3339	4.8510	5.5493	4.7644	4.9837

Sample Name: CCV10 Acquired: 9/17/2018 21:35:19 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV09 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1505	4.785	F 5.8113	F 1.6722	F<.00000
Stddev	.0285	.002	.0105	.2391	.66467
%RSD	.55353	.0314	.18024	14.300	29.190

#1	5.1304	4.784	5.8039	1.8413	-2.7471
#2	5.1707	4.786	5.8187	1.5031	-1.8071

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.6	45087.	4305.1	106.84	3002.0
Stddev	10.5	63.	.5	.60	13.8
%RSD	.54147	.13966	.01098	.56303	.45935

#1	1929.2	45043.	4304.7	106.42	2992.2
#2	1944.0	45132.	4305.4	107.27	3011.7

Sample Name: CCB10 Acquired: 9/17/2018 21:39:04 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00152	-.00501	.00046	.00053	-.01712	-.00244
Stddev	.00314	.00224	.00067	.00065	.00167	.00177	.00163
%RSD	241.62	147.47	13.356	139.88	313.92	10.348	66.941

#1	-.00092	.00310	-.00454	.00001	-.00065	-.01838	-.00359
#2	.00352	-.00007	-.00549	.00092	.00171	-.01587	-.00128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00014	-.04492	-.00033	-.00014	.00091	.02219
Stddev	.00004	.00007	.01052	.00041	.00005	.00023	.00691
%RSD	70.132	50.209	23.420	123.43	33.779	25.375	31.135

#1	.00009	-.00009	-.05236	-.00004	-.00011	.00107	.01730
#2	.00003	-.00020	-.03748	-.00062	-.00017	.00075	.02707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01755	.00038	-.00004	-.11081	.00004	-.00065
Stddev	.00001	.01868	.00002	.00007	.00794	.00006	.00016
%RSD	15.824	106.45	6.3412	171.64	7.1667	164.39	25.251

#1	-.00006	-.00434	.00039	.00001	-.11642	-.00001	-.00077
#2	-.00007	-.03076	.00036	-.00010	-.10519	.00008	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.48299	.00106	-.00098	-.00007	.00325	-.00280	.00476
Stddev	.00365	.00024	.00240	.00123	.00243	.00055	.00103
%RSD	.75494	22.541	245.78	1887.8	74.951	19.683	21.564

#1	-.48041	.00123	-.00267	-.00093	.00497	-.00241	.00549
#2	-.48557	.00089	.00072	.00080	.00153	-.00319	.00404

Sample Name: CCB10 Acquired: 9/17/2018 21:39:04 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB09 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .08849	.0003	-.00049	F<.00000	F<.00000
Stddev	.01182	.0013	.00010	.00759	.74596
%RSD	13.361	415.2	20.366	1.1348	17.585

#1	.08013	.0012	-.00042	-.67427	-4.7695
#2	.09686	-.0006	-.00056	-.66354	-3.7146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.0	46999.	4330.0	109.08	3365.8
Stddev	7.3	133.	6.9	.34	7.5
%RSD	.36239	.28244	.16048	.30939	.22220

#1	2010.9	46905.	4325.1	109.32	3360.5
#2	2021.2	47093.	4334.9	108.84	3371.1

Sample Name: J4936-23 Acquired: 9/17/2018 21:43:10 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36834	-.09563	49.707	-.01649	.45351	284.21	12.383
Stddev	.00423	.00493	.042	.00193	.00763	.18	.088
%RSD	1.1487	5.1516	.08408	11.709	1.6818	.06462	.71017

#1	.37134	-.09912	49.737	-.01785	.44812	284.08	12.321
#2	.36535	-.09215	49.678	-.01512	.45890	284.34	12.445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15598	.20506	430.15	19.933	1.7286	53.600	F 1007.6
Stddev	.00045	.00201	3.52	.027	.0067	.128	18.6
%RSD	.29002	.97887	.81841	.13485	.38726	.23910	1.8456

#1	.15630	.20648	427.66	19.914	1.7333	53.690	994.44
#2	.15566	.20364	432.64	19.952	1.7239	53.509	1020.7

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0213	313.94	7.2413	.43984	7.5097	12.117	F 45.489
Stddev	.0055	1.94	.0074	.00119	.0663	.015	.642
%RSD	.06097	.61749	.10168	.27147	.88228	.12768	1.4103

#1	9.0174	312.57	7.2465	.43899	7.4629	12.106	45.035
#2	9.0252	315.31	7.2361	.44068	7.5566	12.128	45.942

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8161	.15124	.77413	28.039	1.9533	1.3142	19.098
Stddev	.0447	.00162	.03318	.061	.0031	.0066	.105
%RSD	.57146	1.0715	4.2862	.21695	.15838	.50370	.54963

#1	7.7846	.15009	.75066	28.082	1.9555	1.3095	19.024
#2	7.8477	.15238	.79759	27.996	1.9512	1.3188	19.173

Sample Name: J4936-23 Acquired: 9/17/2018 21:43:10 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.1297	8.920	.92422	F<.00000	F<.00000
Stddev	.0022	.013	.00489	.22894	1.5115
%RSD	.19925	.1470	.52931	.63503	1.8195

#1	1.1313	8.929	.92076	-35.890	-84.142
#2	1.1281	8.911	.92768	-36.214	-82.004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.3	45099.	4786.4	96.968	2247.9
Stddev	6.7	15.	25.7	1.697	7.7
%RSD	.40929	.03244	.53598	1.7498	.34465

#1	1631.6	45110.	4804.5	98.168	2242.5
#2	1641.1	45089.	4768.3	95.768	2253.4

Sample Name: J4936-27 Acquired: 9/17/2018 21:47:12 Type: Unk
Method: P4-ICP2(v2435) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13226	-.22380	26.084	-.17301	.46375	501.17	3.0033
Stddev	.01201	.00049	.095	.00013	.01298	.38	.0169
%RSD	9.0825	.22049	.36547	.07244	2.7985	.07486	.56264

#1	.12376	-.22345	26.152	-.17293	.47293	501.43	2.9914
#2	.14075	-.22415	26.017	-.17310	.45457	500.90	3.0153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02100	.41928	1005.1	37.013	3.7428	13.946	F 1558.5
Stddev	.00044	.00372	5.9	.006	.0143	.030	14.3
%RSD	2.0722	.88797	.58210	.01626	.38193	.21394	.91501

#1	.02069	.42192	1001.0	37.017	3.7529	13.967	1548.4
#2	.02130	.41665	1009.3	37.009	3.7327	13.925	1568.6

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.076	917.46	12.531	.01185	7.8287	28.767	F 49.959
Stddev	.010	4.91	.043	.00052	.0335	.023	.671
%RSD	.07384	.53555	.33997	4.3962	.42731	.07992	1.3429

#1	13.069	913.99	12.561	.01148	7.8050	28.783	49.485
#2	13.083	920.94	12.501	.01222	7.8523	28.751	50.434

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1363	-.00411	.37745	14.670	1.7189	.18839	43.046
Stddev	.0781	.00076	.02703	.019	.0178	.00045	.265
%RSD	3.6566	18.373	7.1603	.12730	1.0379	.23741	.61451

#1	2.0810	-.00358	.35834	14.683	1.7062	.18807	42.859
#2	2.1915	-.00465	.39656	14.656	1.7315	.18871	43.233

Sample Name: J4936-27 Acquired: 9/17/2018 21:47:12 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2473	23.22	3.0159	F<.00000	F<.00000
Stddev	.0208	.07	.0039	.30413	2.2204
%RSD	1.6684	.2994	.12928	.66757	1.3845

#1	1.2326	23.27	3.0131	-45.342	-161.94
#2	1.2621	23.17	3.0186	-45.772	-158.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1417.0	39771.	4329.3	88.824	1862.2
Stddev	5.5	49.	10.0	1.064	12.2
%RSD	.39159	.12200	.23147	1.1979	.65606

#1	1413.1	39736.	4336.4	89.577	1853.5
#2	1421.0	39805.	4322.2	88.072	1870.8

Sample Name: J4936-31 Acquired: 9/17/2018 21:51:18 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67840	-.03190	28.221	.00969	.14300	117.80	4.1679
Stddev	.00652	.00100	.116	.00290	.00312	.35	.0138
%RSD	.96036	3.1508	.41080	29.960	2.1849	.29421	.33051

#1	.68300	-.03261	28.303	.00764	.14079	117.55	4.1776
#2	.67379	-.03118	28.139	.01174	.14521	118.04	4.1581

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07073	.20531	1390.0	2.0944	.43595	21.811	434.87
Stddev	.00003	.00222	8.9	.0102	.00004	.090	9.15
%RSD	.04278	1.0816	.63893	.48640	.00876	.41379	2.1034

#1	.07076	.20688	1396.3	2.0872	.43593	21.875	428.40
#2	.07071	.20374	1383.7	2.1016	.43598	21.747	441.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7566	845.87	3.7815	.02026	5.4738	1.2465	F 43.042
Stddev	.0045	3.07	.0242	.00146	.0258	.0020	.654
%RSD	.09365	.36254	.64085	7.1877	.47170	.16399	1.5201

#1	4.7598	848.03	3.7987	.01923	5.4920	1.2480	42.579
#2	4.7535	843.70	3.7644	.02129	5.4555	1.2451	43.504

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8289	.14923	.77128	14.934	3.3618	2.1350	4.2031
Stddev	.0205	.00031	.01005	.026	.0301	.0073	.0108
%RSD	.26178	.20493	1.3029	.17355	.89655	.34073	.25698

#1	7.8434	.14901	.76417	14.952	3.3831	2.1401	4.2107
#2	7.8144	.14944	.77838	14.916	3.3404	2.1298	4.1955

Sample Name: J4936-31 Acquired: 9/17/2018 21:51:18 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3574	9.489	1.1687	20.756	F<.00000
Stddev	.0021	.009	.0055	.230	.58328
%RSD	.15619	.0958	.47409	1.1089	8.5230

#1	1.3559	9.495	1.1726	20.593	-7.2560
#2	1.3589	9.483	1.1648	20.919	-6.4311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.3	44001.	4768.2	93.598	2104.9
Stddev	9.5	104.	42.1	1.521	11.8
%RSD	.53855	.23603	.88197	1.6246	.56012

#1	1758.6	43927.	4738.5	94.673	2096.6
#2	1772.0	44074.	4798.0	92.522	2113.3

Sample Name: J4936-35 Acquired: 9/17/2018 21:55:12 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 132-1-VOLT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47853	-.04983	90.483	.06087	1.1753	144.70	7.4227
Stddev	.00077	.00074	.071	.00096	.0029	.06	.0238
%RSD	.15993	1.4839	.07821	1.5831	.24582	.03869	.32095

#1	.47799	-.05036	90.533	.06019	1.1774	144.66	7.4058
#2	.47907	-.04931	90.433	.06155	1.1733	144.74	7.4395

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07187	.25652	122.39	2.7218	.63535	31.795	527.42
Stddev	.00018	.00092	.41	.0038	.00054	.004	4.83
%RSD	.24898	.35797	.33528	.13903	.08480	.01355	.91567

#1	.07175	.25717	122.10	2.7191	.63497	31.792	524.01
#2	.07200	.25587	122.68	2.7245	.63573	31.798	530.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3218	69.021	7.1043	.13295	5.0724	1.3030	F 47.108
Stddev	.0002	.159	.0019	.00091	.0411	.0024	.019
%RSD	.00408	.22989	.02752	.68302	.81058	.18479	.04060

#1	5.3217	68.909	7.1057	.13359	5.0433	1.3013	47.121
#2	5.3220	69.133	7.1029	.13231	5.1015	1.3047	47.094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.413	.18101	.93867	15.199	1.1311	3.6701	5.2835
Stddev	.048	.00107	.00779	.012	.0065	.0124	.0117
%RSD	.46566	.59267	.82952	.07885	.57597	.33822	.22131

#1	10.378	.18025	.93316	15.191	1.1357	3.6613	5.2918
#2	10.447	.18177	.94418	15.208	1.1265	3.6789	5.2752

Sample Name: J4936-35 Acquired: 9/17/2018 21:55:12 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 132-1-VOLT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0649	10.64	.59258	F<.00000	F<.00000
Stddev	.0078	.01	.00087	.41758	.13117
%RSD	.73538	.1036	.14671	1.3960	.42295

#1	1.0594	10.65	.59197	-30.208	-30.920
#2	1.0704	10.64	.59320	-29.617	-31.106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.1	60667.	6217.9	106.27	2652.4
Stddev	1.7	187.	13.2	.56	4.5
%RSD	.07166	.30845	.21267	.52967	.16842

#1	2395.9	60535.	6208.5	106.67	2649.3
#2	2398.3	60800.	6227.2	105.88	2655.6

Sample Name: J4936-39 Acquired: 9/17/2018 21:59:05 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 26KV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17916	-.05689	10.116	.01020	.08245	128.24	.83144
Stddev	.00335	.00223	.003	.00189	.00038	.34	.00276
%RSD	1.8718	3.9113	.03040	18.491	.45579	.26761	.33217

#1	.17678	-.05847	10.114	.01153	.08271	128.00	.83339
#2	.18153	-.05532	10.118	.00886	.08218	128.49	.82948

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00969	.09902	115.64	2.3847	.37385	10.901	565.05
Stddev	.00027	.00109	.73	.0051	.00077	.020	7.40
%RSD	2.7875	1.0994	.63544	.21259	.20653	.18613	1.3088

#1	.00950	.09825	116.16	2.3883	.37331	10.915	570.28
#2	.00988	.09979	115.12	2.3811	.37440	10.886	559.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9518	82.269	.75932	.01525	5.9765	1.6818	19.477
Stddev	.0003	.062	.00196	.00159	.0438	.0010	.251
%RSD	.01040	.07486	.25766	10.440	.73343	.06163	1.2883

#1	2.9520	82.312	.75793	.01637	6.0075	1.6811	19.655
#2	2.9515	82.225	.76070	.01412	5.9455	1.6826	19.300

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3757	.00866	.34662	6.2290	2.0916	.08049	7.0684
Stddev	.0148	.00010	.00885	.0007	.0205	.00076	.0124
%RSD	.17700	1.1287	2.5524	.01089	.98071	.94742	.17553

#1	8.3653	.00873	.35288	6.2286	2.1061	.07995	7.0772
#2	8.3862	.00859	.34037	6.2295	2.0771	.08103	7.0596

Sample Name: J4936-39 Acquired: 9/17/2018 21:59:05 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 26KV Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.85476	18.42	.33151	F<.00000	F<.00000
Stddev	.02252	.02	.00209	.20924	.31660
%RSD	2.6351	.1163	.62996	.67334	1.0501
#1	.87069	18.43	.33299	-30.927	-29.926
#2	.83884	18.40	.33003	-31.222	-30.373
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.8	57958.	5855.9	105.84	2669.7
Stddev	11.8	87.	40.6	1.58	7.4
%RSD	.49552	.15066	.69309	1.4939	.27723
#1	2378.5	57897.	5827.2	104.72	2664.5
#2	2395.2	58020.	5884.6	106.96	2674.9

Sample Name: J4944-01 Acquired: 9/17/2018 22:03:02 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB48377RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07188	-.02613	.20537	-.00454	-.00317	158.27	.81462
Stddev	.00021	.00105	.00110	.00666	.00053	.57	.00204
%RSD	.29848	4.0292	.53395	146.64	16.647	.35817	.25090

#1	.07172	-.02688	.20614	-.00925	-.00279	157.87	.81318
#2	.07203	-.02539	.20459	.00017	-.00354	158.67	.81607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00995	.00628	85.084	.24140	.16297	.45155	342.83
Stddev	.00018	.00075	.142	.00144	.00053	.00172	4.30
%RSD	1.7877	11.979	.16681	.59602	.32254	.38176	1.2555

#1	.01007	.00681	84.983	.24242	.16334	.45277	339.78
#2	.00982	.00575	85.184	.24038	.16260	.45033	345.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3914	87.261	.29415	.00035	14.883	.42438	.78816
Stddev	.0018	.040	.00146	.00051	.008	.00272	.01158
%RSD	.02864	.04570	.49597	147.86	.05375	.64173	1.4695

#1	6.3901	87.233	.29518	-.00002	14.889	.42630	.77997
#2	6.3927	87.289	.29312	.00071	14.878	.42245	.79635

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.057	.00298	.24234	3.0680	3.8846	.01098	2.7216
Stddev	.035	.00053	.00283	.0002	.0445	.00051	.0064
%RSD	.24581	17.780	1.1686	.00547	1.1442	4.6542	.23490

#1	14.032	.00335	.24434	3.0681	3.9161	.01061	2.7171
#2	14.081	.00260	.24033	3.0679	3.8532	.01134	2.7261

Sample Name: J4944-01 Acquired: 9/17/2018 22:03:02 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB48377RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.5822	7.594	.27335	F<.00000	F<.00000
Stddev	.0130	.022	.00129	.71276	.22787
%RSD	.50142	.2885	.47316	4.3463	2.6155

#1	2.5730	7.579	.27243	-16.903	-8.8732
#2	2.5913	7.610	.27426	-15.895	-8.5509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.9	53101.	5449.5	106.71	2737.2
Stddev	5.5	33.	7.2	1.19	7.3
%RSD	.24322	.06215	.13247	1.1121	.26514

#1	2273.0	53078.	5444.4	107.55	2732.1
#2	2280.8	53124.	5454.6	105.87	2742.4

Sample Name: J4945-01 Acquired: 9/17/2018 22:07:00 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB47195RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00382	.00805	.00447	.00364	1.1447	.08309
Stddev	.00030	.00056	.00061	.00236	.00004	.0142	.00017
%RSD	176.76	14.727	7.6084	52.728	1.1196	1.2419	.20748

#1	-.00004	-.00422	.00848	.00280	.00366	1.1346	.08296
#2	.00038	-.00342	.00762	.00613	.00361	1.1547	.08321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00773	87.745	.01080	.00236	.11865	2.2311
Stddev	.00003	.00007	.671	.00021	.00010	.00017	.0041
%RSD	25.231	.85026	.76447	1.9497	4.3707	.14574	.18195

#1	.00015	.00769	88.219	.01065	.00228	.11878	2.2340
#2	.00010	.00778	87.270	.01095	.00243	.11853	2.2282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83170	20.389	.00927	-.00009	1.5606	.00354	1.0740
Stddev	.00130	.008	.00008	.00007	.0087	.00042	.0095
%RSD	.15623	.03998	.89841	78.593	.55753	11.807	.88756

#1	.83078	20.395	.00933	-.00014	1.5668	.00383	1.0807
#2	.83262	20.384	.00921	-.00004	1.5545	.00324	1.0672

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	108.78	.09540	.39871	11.992	1.0350	.02188	.05630
Stddev	.62	.00051	.00536	.035	.0193	.00078	.00193
%RSD	.57341	.53260	1.3433	.29048	1.8647	3.5460	3.4219

#1	109.23	.09504	.39492	12.016	1.0486	.02134	.05766
#2	108.34	.09576	.40249	11.967	1.0213	.02243	.05494

Sample Name: J4945-01 Acquired: 9/17/2018 22:07:00 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB47195RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10142	16.99	.34258	1.9089	F<.00000
Stddev	.01152	.09	.00248	.1830	.31838
%RSD	11.356	.5249	.72493	9.5879	12.799

#1	.09327	17.05	.34434	2.0384	-2.7127
#2	.10956	16.93	.34082	1.7795	-2.2624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.7	45383.	4446.6	111.97	3145.3
Stddev	8.5	105.	39.5	1.00	9.6
%RSD	.45023	.23094	.88895	.89493	.30464

#1	1873.8	45457.	4418.6	111.26	3138.5
#2	1885.7	45309.	4474.5	112.68	3152.1

Sample Name: J4946-01 Acquired: 9/17/2018 22:10:59 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB12983RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08008	-.02419	.39699	-.01476	-.00303	77.955	.49156
Stddev	.00170	.00167	.00255	.00149	.00327	.017	.00273
%RSD	2.1214	6.8999	.64148	10.109	107.98	.02188	.55513

#1	.08128	-.02301	.39519	-.01370	-.00072	77.943	.49349
#2	.07888	-.02537	.39879	-.01581	-.00534	77.967	.48963

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00724	.00575	37.591	.17795	.11830	.99875	395.32
Stddev	.00008	.00140	.166	.00176	.00041	.01134	14.31
%RSD	1.0860	24.330	.44044	.99178	.34978	1.1350	3.6191

#1	.00719	.00476	37.708	.17670	.11859	.99073	405.44
#2	.00730	.00674	37.474	.17919	.11801	1.0068	385.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1242	34.975	.17413	-.00287	4.8685	.19733	1.0962
Stddev	.0102	.204	.00143	.00340	.0372	.00145	.0453
%RSD	.12537	.58248	.81945	118.50	.76475	.73549	4.1355

#1	8.1170	35.119	.17514	-.00047	4.8949	.19630	1.1283
#2	8.1314	34.830	.17313	-.00528	4.8422	.19835	1.0642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5888	.00935	.16248	4.6022	3.4072	.02963	1.9565
Stddev	.0190	.00032	.02688	.0094	.1102	.00027	.0107
%RSD	.28770	3.4387	16.543	.20342	3.2336	.91006	.54449

#1	6.6022	.00958	.18148	4.6088	3.4851	.02982	1.9490
#2	6.5754	.00913	.14347	4.5956	3.3293	.02944	1.9640

Sample Name: J4946-01 Acquired: 9/17/2018 22:10:59 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB12983RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3351	6.515	.16698	F<.00000	F<.00000
Stddev	.0085	.028	.00053	.36973	1.7757
%RSD	.63685	.4215	.31510	1.8262	15.743

#1	1.3291	6.534	.16736	-19.984	-12.535
#2	1.3411	6.495	.16661	-20.507	-10.024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.8	50365.	4996.7	108.75	2915.4
Stddev	.8	119.	45.5	4.50	6.9
%RSD	.03777	.23665	.91060	4.1418	.23635

#1	2156.2	50281.	4964.5	105.56	2910.5
#2	2157.4	50449.	5028.9	111.93	2920.3

Sample Name: J4947-01 Acquired: 9/17/2018 22:14:57 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 97-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08781	-.02428	1.9294	.00039	.00121	147.25	1.0837
Stddev	.00047	.00278	.0003	.00724	.00162	.26	.0023
%RSD	.53528	11.435	.01746	1843.6	133.62	.17331	.21467

#1	.08815	-.02231	1.9291	-.00473	.00235	147.43	1.0854
#2	.08748	-.02624	1.9296	.00551	.00007	147.07	1.0821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00771	.01267	227.52	.55175	.13508	.58367	269.69
Stddev	.00016	.00016	.32	.00207	.00045	.00091	2.29
%RSD	2.0892	1.2697	.14004	.37560	.33195	.15616	.84985

#1	.00760	.01255	227.74	.55029	.13540	.58432	271.31
#2	.00782	.01278	227.29	.55322	.13476	.58303	268.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3437	130.67	.27279	-.00103	8.5183	.49517	1.8210
Stddev	.0159	.03	.00136	.00052	.0056	.00112	.0150
%RSD	.25068	.02506	.49812	50.239	.06518	.22707	.82668

#1	6.3325	130.64	.27183	-.00067	8.5223	.49438	1.8316
#2	6.3550	130.69	.27375	-.00140	8.5144	.49597	1.8103

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.421	.00931	.13916	9.2899	2.9108	.03733	3.1508
Stddev	.043	.00016	.01278	.0332	.0914	.00118	.0126
%RSD	.30011	1.7077	9.1835	.35758	3.1415	3.1521	.39890

#1	14.451	.00920	.13013	9.3134	2.9754	.03650	3.1419
#2	14.390	.00942	.14820	9.2664	2.8461	.03817	3.1597

Sample Name: J4947-01 Acquired: 9/17/2018 22:14:57 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 97-20 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3570	20.26	.45168	F<.00000	F<.00000
Stddev	.0026	.04	.00122	.11112	.36035
%RSD	.19010	.2217	.26901	1.5971	7.4545

#1	1.3552	20.29	.45254	-6.8789	-5.0888
#2	1.3588	20.23	.45082	-7.0360	-4.5791

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.2	49991.	5210.1	106.44	2674.3
Stddev	2.0	22.	.8	.85	3.3
%RSD	.09245	.04341	.01477	.79967	.12214

#1	2127.8	50006.	5210.7	105.83	2672.0
#2	2130.6	49975.	5209.6	107.04	2676.6

Sample Name: J4948-01 Acquired: 9/17/2018 22:18:55 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB44766RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08720	-.02202	.11484	-.01003	-.00107	119.48	.42671
Stddev	.00136	.00014	.00413	.00258	.00070	.36	.00156
%RSD	1.5570	.62482	3.5987	25.729	65.918	.30136	.36626

#1	.08816	-.02193	.11192	-.01185	-.00057	119.74	.42561
#2	.08624	-.02212	.11777	-.00820	-.00156	119.23	.42782

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00899	.00398	20.366	.14353	.12395	.40747	304.80
Stddev	.00005	.00065	.179	.00062	.00034	.00102	3.02
%RSD	.52422	16.322	.87705	.43366	.27552	.25038	.99031

#1	.00896	.00352	20.240	.14397	.12371	.40675	306.93
#2	.00903	.00443	20.492	.14309	.12419	.40819	302.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7209	52.598	.22228	-.00088	2.3364	.26229	.87142
Stddev	.0403	.419	.00015	.00025	.0032	.00013	.00555
%RSD	.59909	.79647	.06856	28.300	.13475	.05075	.63646

#1	6.7494	52.302	.22239	-.00070	2.3342	.26239	.87534
#2	6.6924	52.894	.22217	-.00106	2.3386	.26220	.86750

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9884	.00408	.13614	4.0149	5.1667	.00143	2.5398
Stddev	.0268	.00019	.00976	.0196	.0680	.00062	.0036
%RSD	.38363	4.7137	7.1657	.48811	1.3160	43.458	.14314

#1	6.9694	.00421	.14304	4.0288	5.1186	.00187	2.5424
#2	7.0074	.00394	.12924	4.0011	5.2147	.00099	2.5372

Sample Name: J4948-01 Acquired: 9/17/2018 22:18:55 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB44766RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9357	7.066	.10501	F<.00000	F<.00000
Stddev	.0016	.012	.00081	.32815	2.0394
%RSD	.08226	.1632	.77044	1.8969	32.765

#1	1.9346	7.074	.10559	-17.068	-7.6666
#2	1.9369	7.057	.10444	-17.532	-4.7824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.7	53844.	5376.6	109.78	2920.4
Stddev	10.1	44.	39.0	.91	8.4
%RSD	.43504	.08155	.72602	.82871	.28697

#1	2318.6	53813.	5404.2	109.14	2914.5
#2	2332.9	53875.	5349.0	110.43	2926.4

Sample Name: CCV11 Acquired: 9/17/2018 22:22:52 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13834 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9222	5.2659	4.8440	4.9399	5.0019	10.250	10.508
Stddev	.0052	.0008	.0039	.0083	.0004	.104	.085
%RSD	.10467	.01425	.08025	.16851	.00865	1.0142	.81165

#1	4.9259	5.2653	4.8412	4.9458	5.0022	10.324	10.447
#2	4.9186	5.2664	4.8467	4.9340	5.0016	10.177	10.568

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25955	2.4476	25.608	1.0158	2.4806	1.2542	4.9057
Stddev	.00000	.0015	.149	.0032	.0002	.0014	.1083
%RSD	.00032	.06017	.58020	.31616	.00875	.10778	2.2074

#1	.25955	2.4466	25.502	1.0135	2.4808	1.2552	4.8292
#2	.25955	2.4487	25.713	1.0180	2.4805	1.2533	4.9823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5456	25.521	2.3394	1.2503	26.749	2.5425	2.5465
Stddev	.0044	.244	.0054	.0008	.323	.0040	.0616
%RSD	.17316	.95671	.23178	.06401	1.2082	.15836	2.4191

#1	2.5487	25.349	2.3356	1.2509	26.521	2.5454	2.5029
#2	2.5425	25.694	2.3433	1.2497	26.978	2.5397	2.5900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.175	4.9634	5.3668	4.8609	F 5.5775	4.7727	4.9911
Stddev	.232	.0066	.0118	.0080	.0446	.0001	.0238
%RSD	.88620	.13195	.21982	.16463	.79929	.00148	.47665

#1	26.011	4.9681	5.3585	4.8553	5.5460	4.7727	4.9743
#2	26.339	4.9588	5.3752	4.8666	5.6090	4.7726	5.0080

Sample Name: CCV11 Acquired: 9/17/2018 22:22:52 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13834 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0873	4.814	F 5.9094	F .88190	F<.00000
Stddev	.0340	.011	.0368	.24732	.57217
%RSD	.66771	.2270	.62240	28.044	28.293

#1	5.0633	4.822	5.8834	1.0568	-1.6177
#2	5.1113	4.807	5.9354	.70702	-2.4269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.8	44968.	4336.5	107.39	3009.3
Stddev	8.1	152.	32.1	1.98	10.5
%RSD	.42022	.33835	.73959	1.8415	.34945

#1	1932.0	44860.	4359.2	108.79	3001.8
#2	1943.6	45075.	4313.9	105.99	3016.7

Sample Name: CCB11 Acquired: 9/17/2018 22:26:38 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13834 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00182	-.00493	.00054	.00024	-.01074	-.00277
Stddev	.00127	.00133	.00077	.00075	.00171	.00215	.00058
%RSD	690.17	73.128	15.555	137.94	698.77	20.019	20.882

#1	-.00071	.00276	-.00547	.00107	.00145	-.00922	-.00318
#2	.00108	.00088	-.00438	.00001	-.00096	-.01226	-.00236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00022	-.06327	-.00035	-.00021	.00072	.01443
Stddev	.00007	.00003	.00042	.00074	.00013	.00027	.00054
%RSD	67.421	13.477	.65974	210.07	62.941	37.316	3.7180

#1	.00015	-.00020	-.06357	.00017	-.00011	.00091	.01481
#2	.00005	-.00024	-.06298	-.00088	-.00030	.00053	.01405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01446	.00025	-.00034	-.13650	.00052	-.00034
Stddev	.00010	.05451	.00017	.00002	.00058	.00055	.00006
%RSD	187.81	376.96	65.311	5.9998	.42753	103.93	16.554

#1	.00002	-.05300	.00037	-.00033	-.13691	.00014	-.00039
#2	-.00012	.02408	.00014	-.00036	-.13609	.00091	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.42958	.00132	-.00040	.00016	.00705	-.00284	.00319
Stddev	.03895	.00017	.00170	.00085	.00141	.00058	.00031
%RSD	9.0672	12.743	426.01	545.97	20.044	20.370	9.5903

#1	-.45712	.00120	-.00160	.00076	.00804	-.00243	.00297
#2	-.40204	.00144	.00080	-.00045	.00605	-.00324	.00341

Sample Name: CCB11 Acquired: 9/17/2018 22:26:38 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13834 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .09005	.0011	-.00053	F<.00000	F<.00000
Stddev	.00445	.0014	.00004	.19610	.23298
%RSD	4.9405	134.4	6.8270	15.828	7.9551

#1	.09320	.0001	-.00056	-1.1003	-3.0935
#2	.08691	.0020	-.00050	-1.3776	-2.7640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.8	46397.	4434.6	113.49	3356.6
Stddev	10.6	355.	121.1	1.24	28.6
%RSD	.52990	.76549	2.7299	1.0936	.85349

#1	1998.3	46146.	4349.0	112.62	3336.3
#2	2013.3	46649.	4520.2	114.37	3376.8

Sample Name: J4948-01DUP Acquired: 9/17/2018 22:30:44 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB44766RTDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08854	-.02215	.11544	-.00368	-.00071	118.55	.42471
Stddev	.00206	.00084	.00024	.00068	.00136	.61	.00276
%RSD	2.3256	3.7748	.20609	18.569	191.11	.51740	.64923

#1	.09000	-.02156	.11561	-.00320	-.00167	118.12	.42666
#2	.08709	-.02274	.11527	-.00417	.00025	118.99	.42276

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00885	.00340	20.340	.14335	.12368	.40166	307.96
Stddev	.00012	.00064	.145	.00044	.00008	.00069	2.49
%RSD	1.3645	18.690	.71257	.30943	.06346	.17248	.80771

#1	.00877	.00295	20.443	.14304	.12374	.40117	309.72
#2	.00894	.00385	20.238	.14366	.12363	.40215	306.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7157	52.511	.22138	-.00115	2.3220	.25953	.88249
Stddev	.0059	.116	.00063	.00058	.0081	.00006	.01165
%RSD	.08779	.22137	.28679	50.970	.34982	.02433	1.3197

#1	6.7116	52.593	.22183	-.00073	2.3277	.25957	.89073
#2	6.7199	52.429	.22093	-.00156	2.3163	.25948	.87426

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8869	.00428	.14377	4.0030	4.7508	.00378	2.5197
Stddev	.0683	.00032	.00583	.0173	.0469	.00186	.0096
%RSD	.99227	7.4327	4.0552	.43310	.98791	49.307	.38204

#1	6.9352	.00405	.14789	4.0152	4.7840	.00246	2.5265
#2	6.8386	.00450	.13965	3.9907	4.7177	.00510	2.5129

Sample Name: J4948-01DUP Acquired: 9/17/2018 22:30:44 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB44766RTDUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.9380	7.027	.10355	F<.00000	F<.00000
Stddev	.0116	.017	.00036	.56284	.35026
%RSD	.59597	.2441	.35224	3.1654	5.9278
#1	1.9461	7.015	.10381	-17.383	-6.1565
#2	1.9298	7.039	.10329	-18.179	-5.6612
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.2	54403.	5412.4	108.92	2935.7
Stddev	7.9	2.	55.9	1.58	5.4
%RSD	.33688	.00299	1.0334	1.4484	.18551
#1	2324.7	54405.	5372.8	107.81	2931.9
#2	2335.8	54402.	5451.9	110.04	2939.6

Sample Name: J4948-01LX5 Acquired: 9/17/2018 22:34:38 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7453 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01921	-.00328	.02138	-.00312	.00006	26.809	.09752
Stddev	.00113	.00101	.00017	.00241	.00095	.127	.00023
%RSD	5.8711	30.664	.77258	77.455	1623.5	.47258	.23719

#1	.01841	-.00257	.02126	-.00482	.00073	26.719	.09735
#2	.02000	-.00399	.02149	-.00141	-.00061	26.898	.09768

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00005	4.7905	.03311	.02457	.10615	62.324
Stddev	.00003	.00010	.0174	.00069	.00000	.00153	.028
%RSD	1.5827	196.82	.36273	2.0860	.00790	1.4409	.04543

#1	.00212	-.00013	4.8028	.03263	.02457	.10723	62.344
#2	.00217	.00002	4.7782	.03360	.02457	.10507	62.304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6332	12.224	.04210	-.00180	.44279	.06078	.18355
Stddev	.0013	.030	.00013	.00015	.00695	.00071	.00018
%RSD	.07808	.24530	.31949	8.6018	1.5703	1.1650	.10003

#1	1.6323	12.245	.04200	-.00191	.44771	.06028	.18368
#2	1.6341	12.203	.04219	-.00169	.43788	.06128	.18342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2921	.00114	.00649	.77541	1.2994	-.00065	.59436
Stddev	.0336	.00015	.00065	.00159	.0320	.00011	.00242
%RSD	2.5997	13.458	10.084	.20560	2.4604	16.659	.40784

#1	1.2683	.00125	.00603	.77654	1.3220	-.00057	.59607
#2	1.3158	.00103	.00696	.77428	1.2768	-.00072	.59264

Sample Name: J4948-01LX5 Acquired: 9/17/2018 22:34:38 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7453 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.51057	1.380	.02390	F<.00000	9.4520
Stddev	.00994	.003	.00005	.26968	.3824
%RSD	1.9469	.1872	.22544	6.4356	4.0460

#1	.50354	1.382	.02394	-3.9997	9.7224
#2	.51760	1.378	.02386	-4.3811	9.1816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.7	47868.	4603.7	110.28	3187.1
Stddev	9.2	47.	2.8	.45	10.3
%RSD	.44718	.09795	.06018	.40410	.32431

#1	2059.2	47901.	4605.7	109.97	3179.8
#2	2072.2	47834.	4601.8	110.60	3194.4

Sample Name: J4948-01MS Acquired: 9/17/2018 22:38:40 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB44766RTMS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78980	2.2330	1.1623	1.6548	.69639	119.08	.60237
Stddev	.00363	.0023	.0031	.0027	.00345	1.01	.00131
%RSD	.46022	.10461	.26286	.15989	.49471	.84556	.21732

#1	.79237	2.2313	1.1601	1.6529	.69395	118.37	.60330
#2	.78723	2.2346	1.1644	1.6566	.69882	119.79	.60144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19191	.21780	20.816	.48366	.33235	.65122	307.88
Stddev	.00044	.00062	.079	.00185	.00046	.00382	3.52
%RSD	.23033	.28454	.38055	.38211	.13751	.58650	1.1427

#1	.19160	.21737	20.872	.48496	.33267	.64852	310.37
#2	.19223	.21824	20.760	.48235	.33203	.65392	305.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7345	53.279	.71553	.06578	5.2075	.52946	1.0880
Stddev	.0367	.042	.00036	.00034	.0079	.00319	.0191
%RSD	.54573	.07797	.05098	.52353	.15100	.60319	1.7562

#1	6.7605	53.308	.71579	.06603	5.2019	.53172	1.1015
#2	6.7086	53.249	.71527	.06554	5.2130	.52720	1.0745

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.264	.35375	.42132	3.9333	6.0563	.70597	2.6510
Stddev	.037	.00034	.00669	.0096	.0677	.00114	.0285
%RSD	.22937	.09691	1.5875	.24313	1.1185	.16108	1.0760

#1	16.291	.35350	.42605	3.9401	6.1042	.70677	2.6711
#2	16.238	.35399	.41659	3.9266	6.0084	.70516	2.6308

Sample Name: J4948-01MS Acquired: 9/17/2018 22:38:40 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB44766RTMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.6286	12.65	.30665	F<.00000	F<.00000
Stddev	.0146	.01	.00033	.19452	.16251
%RSD	.40244	.0955	.10671	1.1383	1.8661

#1	3.6389	12.65	.30642	-17.226	-8.8234
#2	3.6182	12.64	.30688	-16.951	-8.5936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.5	53867.	5381.9	107.45	2920.8
Stddev	.2	105.	53.6	2.04	4.8
%RSD	.00838	.19488	.99617	1.8998	.16589

#1	2314.7	53793.	5344.0	106.01	2917.4
#2	2314.4	53941.	5419.8	108.89	2924.2

Sample Name: J4948-01MSD Acquired: 9/17/2018 22:42:33 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB44766RTMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79101	2.2385	1.1618	1.6480	.69719	120.07	.60576
Stddev	.00071	.0027	.0050	.0010	.00299	.17	.00495
%RSD	.08943	.12296	.43497	.05826	.42853	.14102	.81688

#1	.79051	2.2404	1.1582	1.6473	.69930	120.19	.60926
#2	.79151	2.2365	1.1654	1.6487	.69507	119.95	.60227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19288	.21926	20.938	.48629	.33345	.65802	299.53
Stddev	.00011	.00033	.239	.00190	.00055	.00132	1.61
%RSD	.05561	.14986	1.1422	.38970	.16598	.20051	.53664

#1	.19296	.21903	21.107	.48495	.33385	.65895	298.39
#2	.19280	.21949	20.768	.48763	.33306	.65709	300.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7773	53.433	.71686	.06453	5.2175	.53310	1.0544
Stddev	.0007	.166	.00003	.00021	.0412	.00355	.0071
%RSD	.00972	.31086	.00396	.32708	.78983	.66682	.67542

#1	6.7778	53.551	.71688	.06438	5.2467	.53059	1.0493
#2	6.7769	53.316	.71684	.06468	5.1884	.53562	1.0594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.346	.35457	.40286	3.9415	6.0249	.70801	2.6663
Stddev	.076	.00003	.01138	.0312	.0043	.00112	.0089
%RSD	.46481	.00752	2.8237	.79178	.07096	.15798	.33464

#1	16.400	.35459	.39482	3.9194	6.0218	.70880	2.6726
#2	16.293	.35455	.41090	3.9636	6.0279	.70722	2.6600

Sample Name: J4948-01MSD Acquired: 9/17/2018 22:42:33 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB44766RTMSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.6414	12.71	.30905	F<.00000	F<.00000
Stddev	.0306	.01	.00445	.30753	1.0576
%RSD	.83973	.1047	1.4388	1.7685	11.786

#1	3.6630	12.70	.31219	-17.172	-9.7219
#2	3.6198	12.72	.30590	-17.607	-8.2262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.0	53635.	5368.3	110.86	2914.4
Stddev	8.9	53.	43.7	.50	3.9
%RSD	.38688	.09957	.81390	.45513	.13475

#1	2303.6	53597.	5337.4	111.22	2911.6
#2	2316.3	53673.	5399.1	110.50	2917.2

Sample Name: J4948-01A Acquired: 9/17/2018 22:46:26 Type: Unk
Method: P4-ICP2(v2435) 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	.80365	2.2501	1.1708	1.6751	.70758	120.85	.60770
Stddev	.00522	.0074	.0002	.0076	.00201	.00	.00256
%RSD	.65014	.33078	.01899	.45653	.28427	.00208	.42165

#1	.80734	2.2554	1.1710	1.6697	.70900	120.84	.60589
#2	.79995	2.2448	1.1707	1.6805	.70616	120.85	.60951

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19248	.21958	20.885	.48329	.33497	.65275	306.23
Stddev	.00071	.00087	.171	.00338	.00074	.00073	.92
%RSD	.36781	.39501	.81683	.69969	.22050	.11240	.29931

#1	.19198	.22019	20.764	.48090	.33445	.65223	305.58
#2	.19298	.21897	21.006	.48568	.33549	.65327	306.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7694	53.213	.72055	.06540	5.2163	.53350	1.0797
Stddev	.0019	.398	.00122	.00045	.0102	.00105	.0058
%RSD	.02815	.74849	.16998	.68405	.19575	.19764	.53361

#1	6.7680	52.932	.71968	.06509	5.2091	.53275	1.0757
#2	6.7707	53.495	.72141	.06572	5.2235	.53424	1.0838

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.321	.35530	.41950	3.9699	5.9515	.70821	2.6850
Stddev	.145	.00101	.00481	.0149	.0014	.00189	.0007
%RSD	.88676	.28325	1.1478	.37458	.02436	.26618	.02686

#1	16.218	.35459	.41609	3.9594	5.9525	.70954	2.6845
#2	16.423	.35601	.42290	3.9805	5.9505	.70687	2.6855

Sample Name: J4948-01A Acquired: 9/17/2018 22:46:26 Type: Unk
 Method: P4-ICP2(v2435) 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	3.6387	12.78	.30915	F<.00000	F<.00000
Stddev	.0223	.02	.00148	.21511	.22603
%RSD	.61282	.1189	.47811	1.2314	2.5949
#1	3.6544	12.80	.30810	-17.620	-8.8706
#2	3.6229	12.77	.31019	-17.316	-8.5509
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.7	53707.	5413.6	108.62	2914.3
Stddev	8.5	15.	43.2	.43	9.4
%RSD	.36530	.02793	.79793	.39496	.32388
#1	2310.7	53717.	5444.1	108.93	2907.6
#2	2322.7	53696.	5383.0	108.32	2921.0

Sample Name: J4949-01 Acquired: 9/17/2018 22:50:20 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 153 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08349	-.02576	.30036	-.00469	-.00118	170.10	.80181
Stddev	.00439	.00046	.00020	.00234	.00216	.63	.00010
%RSD	5.2631	1.7831	.06604	49.773	182.30	.37039	.01259

#1	.08038	-.02608	.30022	-.00634	.00034	170.54	.80188
#2	.08660	-.02543	.30050	-.00304	-.00271	169.65	.80174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00880	.01591	42.355	.22921	.14454	.39655	332.70
Stddev	.00009	.00044	.099	.00004	.00078	.00080	1.35
%RSD	1.0393	2.7887	.23359	.01789	.53805	.20081	.40531

#1	.00873	.01560	42.425	.22924	.14509	.39712	333.65
#2	.00886	.01623	42.285	.22918	.14399	.39599	331.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3039	46.388	.20572	.00016	3.0697	.61373	1.1042
Stddev	.0009	.197	.00176	.00033	.0012	.00468	.0053
%RSD	.01679	.42380	.85431	213.59	.04040	.76329	.48418

#1	5.3045	46.249	.20697	.00039	3.0706	.61041	1.1080
#2	5.3032	46.527	.20448	-.00008	3.0688	.61704	1.1005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0598	.00298	.15689	5.1230	2.2952	.01171	3.0472
Stddev	.0084	.00017	.00422	.0078	.0917	.00026	.0103
%RSD	.13800	5.5904	2.6925	.15203	3.9941	2.2442	.33622

#1	6.0539	.00286	.15390	5.1175	2.2303	.01189	3.0399
#2	6.0657	.00310	.15988	5.1285	2.3600	.01152	3.0544

Sample Name: J4949-01 Acquired: 9/17/2018 22:50:20 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 153 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2959	8.894	.21229	F<.00000	F<.00000
Stddev	.0023	.012	.00014	.38482	.83962
%RSD	.17453	.1353	.06742	2.1700	8.3023
#1	1.2975	8.903	.21219	-17.461	-10.707
#2	1.2943	8.886	.21239	-18.006	-9.5195
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.8	54192.	5524.8	108.38	2841.0
Stddev	11.0	206.	5.0	.77	9.2
%RSD	.47404	.38073	.09132	.70818	.32408
#1	2313.0	54046.	5521.2	107.83	2834.5
#2	2328.6	54337.	5528.3	108.92	2847.5

Sample Name: J4936-02 Acquired: 9/17/2018 22:54:18 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00110	-.00000	.00556	-.00053	.02076	.07506
Stddev	.00085	.00004	.00044	.00216	.00026	.00252	.00027
%RSD	218.98	3.4277	38348.	38.854	48.453	12.142	.35808

#1	-.00099	-.00108	-.00031	.00403	-.00071	.02254	.07487
#2	.00021	-.00113	.00031	.00709	-.00035	.01898	.07525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00032	117.71	.04204	-.00053	.00161	-.01405
Stddev	.00005	.00017	.74	.00082	.00030	.00111	.00845
%RSD	28585.	52.971	.62522	1.9468	55.820	69.152	60.150

#1	-.00004	-.00020	117.19	.04146	-.00032	.00082	-.02003
#2	.00004	-.00044	118.23	.04262	-.00075	.00239	-.00807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	2.5387	-.00277	-.00067	291.77	.00257	.00728
Stddev	.00001	.0197	.00000	.00009	.04	.00020	.00022
%RSD	8.4131	.77391	.08507	13.323	.01396	7.7890	3.0731

#1	.00013	2.5248	-.00278	-.00061	291.80	.00243	.00712
#2	.00012	2.5526	-.00277	-.00073	291.74	.00272	.00743

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2604	.00096	.04247	5.0206	5.4822	-.00226	-.00126
Stddev	.0010	.00033	.00880	.0054	.0350	.00196	.00123
%RSD	.04464	34.040	20.711	.10778	.63815	86.809	98.137

#1	2.2597	.00073	.04869	5.0168	5.4574	-.00365	-.00213
#2	2.2611	.00119	.03625	5.0245	5.5069	-.00087	-.00038

Sample Name: J4936-02 Acquired: 9/17/2018 22:54:18 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 138kv-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15195	-.0009	1.3777	4.0806	F<.00000
Stddev	.00319	.0035	.0068	.5587	.77899
%RSD	2.0992	382.4	.49531	13.692	75.102

#1	.15421	.0016	1.3729	4.4756	-1.5881
#2	.14970	-.0034	1.3825	3.6855	-.48641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.3	42777.	4364.3	106.72	2809.9
Stddev	13.3	159.	13.2	2.38	15.6
%RSD	.73140	.37117	.30345	2.2299	.55566

#1	1811.9	42664.	4373.7	108.40	2798.9
#2	1830.7	42889.	4355.0	105.04	2820.9

Sample Name: J4936-02DUP Acquired: 9/17/2018 22:58:28 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	-.00132	.00010	.00489	.00034	.02175	.07514
Stddev	.00223	.00186	.00067	.00238	.00024	.00253	.00091
%RSD	87.430	141.01	690.22	48.618	71.589	11.619	1.2112

#1	.00098	-.00000	.00057	.00658	.00051	.01996	.07578
#2	.00413	-.00263	-.00038	.00321	.00017	.02354	.07449

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00029	118.18	.04242	-.00020	.00117	-.01570
Stddev	.00005	.00005	.68	.00047	.00015	.00079	.00426
%RSD	265.43	16.607	.57483	1.1169	76.807	66.875	27.105

#1	-.00005	-.00033	117.70	.04208	-.00009	.00062	-.01269
#2	.00002	-.00026	118.66	.04275	-.00030	.00173	-.01871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	2.5038	-.00271	-.00058	292.95	.00305	.00726
Stddev	.00003	.0630	.00040	.00049	4.81	.00028	.00033
%RSD	20.205	2.5179	14.771	84.696	1.6426	9.1207	4.4909

#1	.00012	2.4592	-.00300	-.00093	289.55	.00324	.00703
#2	.00016	2.5483	-.00243	-.00023	296.36	.00285	.00749

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2521	.00047	.03817	5.0346	5.5112	-.00209	-.00162
Stddev	.0167	.00011	.00504	.0147	.0367	.00007	.00111
%RSD	.74064	23.862	13.191	.29190	.66678	3.3763	68.824

#1	2.2403	.00054	.04173	5.0450	5.4853	-.00204	-.00241
#2	2.2639	.00039	.03461	5.0242	5.5372	-.00214	-.00083

Sample Name: J4936-02DUP Acquired: 9/17/2018 22:58:28 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 138kv-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15155	.0010	1.3768	4.2427	F<.00000
Stddev	.01391	.0012	.0137	.5815	.38748
%RSD	9.1794	115.6	.99791	13.706	38.693

#1	.16139	.0002	1.3671	4.6539	-.72745
#2	.14171	.0018	1.3865	3.8315	-1.2754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.7	42662.	4360.8	107.99	2822.0
Stddev	10.6	130.	21.1	1.82	17.2
%RSD	.57955	.30557	.48409	1.6865	.61072

#1	1821.2	42569.	4375.8	109.27	2809.9
#2	1836.2	42754.	4345.9	106.70	2834.2

Sample Name: J4936-02LX5 Acquired: 9/17/2018 23:02:37 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7455 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00271	-.00410	.00151	-.00088	-.00135	.01200
Stddev	.00118	.00202	.00038	.00382	.00144	.00850	.00051
%RSD	70.556	74.642	9.3506	252.46	163.86	629.59	4.2434

#1	.00084	.00414	-.00383	.00422	.00014	.00466	.01236
#2	.00250	.00128	-.00437	-.00119	-.00189	-.00736	.01164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00035	23.444	.00778	.00010	.00037	.01031
Stddev	.00004	.00012	.022	.00037	.00014	.00020	.00917
%RSD	294.74	35.016	.09553	4.7742	142.77	52.776	88.884

#1	.00004	-.00043	23.428	.00752	-.00000	.00023	.01679
#2	-.00001	-.00026	23.460	.00804	.00019	.00051	.00383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.48250	-.00078	-.00034	57.721	.00019	.00117
Stddev	.00003	.00546	.00065	.00070	.290	.00001	.00014
%RSD	51.136	1.1309	83.059	207.30	.50310	6.0086	12.261

#1	-.00008	.47864	-.00124	-.00083	57.516	.00018	.00106
#2	-.00004	.48636	-.00032	.00016	57.927	.00020	.00127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11579	.00022	-.00490	.95013	1.1410	-.00178	.00296
Stddev	.03381	.00017	.00800	.00936	.0054	.00102	.00328
%RSD	29.202	77.372	163.29	.98562	.47277	57.314	110.84

#1	.13969	.00035	.00076	.94351	1.1372	-.00250	.00064
#2	.09188	.00010	-.01056	.95676	1.1449	-.00106	.00528

Sample Name: J4936-02LX5 Acquired: 9/17/2018 23:02:37 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7455 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11262	.0020	.26988	<.00000	F<.00000
Stddev	.00124	.0009	.00203	.01943	.11651
%RSD	1.0974	42.15	.75274	14.905	5.5683

#1	.11349	.0026	.26845	-.11664	-2.1747
#2	.11174	.0014	.27132	-.14412	-2.0100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.6	45303.	4414.1	109.45	3152.2
Stddev	14.5	61.	15.2	.46	16.5
%RSD	.74360	.13406	.34488	.41642	.52380

#1	1946.3	45346.	4424.9	109.77	3140.5
#2	1966.9	45260.	4403.4	109.13	3163.9

Sample Name: J4936-02MS Acquired: 9/17/2018 23:06:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88566	2.1932	1.0278	2.1094	.86181	2.3103	.29855
Stddev	.00061	.0038	.0022	.0006	.00168	.0009	.00121
%RSD	.06914	.17343	.20874	.02603	.19500	.03996	.40636

#1	.88609	2.1905	1.0293	2.1098	.86063	2.3097	.29941
#2	.88523	2.1959	1.0263	2.1090	.86300	2.3110	.29769

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22156	.21357	117.17	.46260	.20910	.30958	3.2079
Stddev	.00136	.00006	.58	.00301	.00034	.00062	.0032
%RSD	.61491	.02789	.49147	.65172	.16114	.20184	.09894

#1	.22060	.21361	116.76	.46046	.20887	.31002	3.2057
#2	.22252	.21352	117.57	.46473	.20934	.30914	3.2102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21890	4.5892	.49759	.07789	293.53	.33938	.21997
Stddev	.00056	.0409	.00053	.00012	1.45	.00067	.00179
%RSD	.25410	.89207	.10737	.15737	.49325	.19857	.81593

#1	.21851	4.5602	.49721	.07780	294.55	.33986	.22124
#2	.21930	4.6181	.49796	.07798	292.51	.33890	.21870

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.810	.43947	.36657	4.9258	6.5012	.70375	.21693
Stddev	.011	.00024	.01077	.0169	.0558	.00571	.00140
%RSD	.08043	.05528	2.9393	.34218	.85848	.81103	.64680

#1	13.803	.43964	.35895	4.9378	6.5407	.70779	.21593
#2	13.818	.43930	.37419	4.9139	6.4618	.69972	.21792

Sample Name: J4936-02MS Acquired: 9/17/2018 23:06:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-1MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.2559	6.144	1.6024	3.9655	F<.00000
Stddev	.0073	.013	.0066	.0705	.07718
%RSD	.32550	.2110	.41228	1.7789	3.8802

#1	2.2507	6.153	1.6071	3.9156	-2.0438
#2	2.2611	6.134	1.5978	4.0154	-1.9346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.9	42946.	4358.0	106.77	2815.6
Stddev	3.3	52.	3.2	.93	8.7
%RSD	.17872	.11994	.07349	.86655	.30864

#1	1827.6	42910.	4360.2	106.12	2809.5
#2	1832.2	42983.	4355.7	107.42	2821.8

Sample Name: CCV12 Acquired: 9/17/2018 23:10:39 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13837 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9199	5.2734	4.8306	4.9165	5.0380	10.377	10.510
Stddev	.0179	.0046	.0052	.0047	.0003	.053	.020
%RSD	.36308	.08743	.10684	.09654	.00667	.51391	.18889
#1	4.9325	5.2701	4.8342	4.9199	5.0382	10.414	10.496
#2	4.9073	5.2766	4.8269	4.9132	5.0377	10.339	10.524
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25885	2.4448	25.657	1.0275	2.4887	1.2542	4.9453
Stddev	.00035	.0002	.068	.0013	.0026	.0019	.1402
%RSD	.13478	.00942	.26677	.12309	.10334	.15169	2.8347
#1	.25909	2.4449	25.705	1.0266	2.4905	1.2556	4.8462
#2	.25860	2.4446	25.608	1.0283	2.4868	1.2529	5.0444
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5767	25.778	2.3308	1.2611	26.868	2.5616	2.5926
Stddev	.0002	.022	.0051	.0007	.078	.0004	.0609
%RSD	.00610	.08520	.21956	.05379	.28924	.01372	2.3489
#1	2.5765	25.793	2.3272	1.2607	26.813	2.5619	2.5496
#2	2.5768	25.762	2.3344	1.2616	26.923	2.5614	2.6357
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.072	4.9782	5.3681	4.8455	F 5.5888	4.7304	4.9984
Stddev	.040	.0042	.0093	.0171	.0149	.0024	.0225
%RSD	.15521	.08361	.17385	.35395	.26632	.05092	.44995
#1	26.043	4.9811	5.3747	4.8334	5.5783	4.7287	5.0144
#2	26.100	4.9753	5.3615	4.8576	5.5994	4.7321	4.9825

Sample Name: CCV12 Acquired: 9/17/2018 23:10:39 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13837 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1180	4.818	F 5.9112	F<.00000	F<.00000
Stddev	.0326	.010	.0076	.02562	.66518
%RSD	.63687	.2095	.12877	43.764	72.226

#1	5.1411	4.825	5.9058	-.07667	-.45062
#2	5.0950	4.811	5.9165	-.04043	-1.3913

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.4	45168.	4388.4	107.29	3046.2
Stddev	6.9	112.	2.6	2.25	8.8
%RSD	.35125	.24763	.05852	2.0949	.28884

#1	1952.6	45089.	4390.2	108.88	3040.0
#2	1962.3	45247.	4386.6	105.71	3052.4

Sample Name: CCB12 Acquired: 9/17/2018 23:14:25 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13837 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00188	-.00550	.00025	.00212	-.01542	-.00286
Stddev	.00088	.00088	.00069	.00324	.00010	.00062	.00049
%RSD	193.22	46.901	12.470	1270.7	4.9538	4.0267	16.966

#1	-.00017	.00251	-.00598	-.00204	.00219	-.01586	-.00320
#2	.00108	.00126	-.00501	.00255	.00204	-.01498	-.00252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00011	-.04400	-.00067	.00015	.00043	.01225
Stddev	.00003	.00002	.01157	.00016	.00010	.00016	.00459
%RSD	22.595	16.188	26.284	24.376	62.716	36.642	37.475

#1	.00010	-.00012	-.03582	-.00055	.00008	.00054	.01549
#2	.00014	-.00010	-.05218	-.00078	.00022	.00032	.00900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.05527	.00070	-.00020	-.10157	-.00021	-.00060
Stddev	.00006	.00385	.00027	.00033	.00253	.00024	.00013
%RSD	93.447	6.9626	38.391	168.04	2.4876	116.11	22.257

#1	-.00002	-.05799	.00051	.00004	-.10335	-.00037	-.00069
#2	-.00011	-.05255	.00089	-.00043	-.09978	-.00004	-.00050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.37463	.00167	.00137	-.00120	.00820	-.00202	.00322
Stddev	.02777	.00027	.00710	.00246	.00127	.00160	.00326
%RSD	7.4127	16.422	518.67	204.26	15.537	79.298	101.33

#1	-.35500	.00186	.00639	-.00294	.00910	-.00089	.00091
#2	-.39427	.00147	-.00365	.00053	.00730	-.00316	.00552

Sample Name: CCB12 Acquired: 9/17/2018 23:14:25 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13837 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .07830	.0018	-.00044	F<.00000	F<.00000
Stddev	.00390	.0018	.00007	.12805	.27060
%RSD	4.9763	101.2	17.024	6.1995	9.1687

#1	.08105	.0030	-.00049	-2.1560	-3.1427
#2	.07554	.0005	-.00039	-1.9749	-2.7600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.9	47086.	4432.5	111.52	3400.0
Stddev	30.0	111.	28.0	1.31	50.0
%RSD	1.4793	.23659	.63231	1.1754	1.4707

#1	2006.7	47007.	4412.7	112.45	3364.6
#2	2049.1	47164.	4452.3	110.60	3435.3

Sample Name: J4936-02MSD Acquired: 9/17/2018 23:18:31 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89342	2.2028	1.0305	2.1346	.87299	2.3301	.30199
Stddev	.00319	.0002	.0042	.0010	.00268	.0033	.00121
%RSD	.35675	.01042	.40559	.04459	.30744	.14082	.39967

#1	.89116	2.2027	1.0334	2.1339	.87109	2.3278	.30114
#2	.89567	2.2030	1.0275	2.1353	.87489	2.3324	.30284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22289	.21503	117.52	.46797	.21049	.31263	3.1900
Stddev	.00099	.00042	.17	.00480	.00113	.00007	.0026
%RSD	.44330	.19424	.14778	1.0254	.53458	.02240	.08238

#1	.22359	.21474	117.40	.46458	.21128	.31268	3.1918
#2	.22219	.21533	117.64	.47136	.20969	.31258	3.1881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22068	4.5745	.49888	.07827	294.29	.33798	.21751
Stddev	.00003	.0361	.00022	.00079	1.72	.00076	.00185
%RSD	.01413	.78850	.04363	1.0121	.58331	.22379	.85052

#1	.22070	4.5490	.49872	.07771	293.08	.33851	.21621
#2	.22066	4.6000	.49903	.07883	295.50	.33744	.21882

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.897	.44163	.37235	4.9771	6.4977	.70793	.21887
Stddev	.011	.00025	.01823	.0034	.0291	.00225	.00190
%RSD	.07678	.05744	4.8971	.06897	.44863	.31742	.86895

#1	13.889	.44145	.35945	4.9746	6.5183	.70634	.21752
#2	13.904	.44181	.38524	4.9795	6.4771	.70952	.22021

Sample Name: J4936-02MSD Acquired: 9/17/2018 23:18:31 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.2590	6.201	1.6124	4.2011	F<.00000
Stddev	.0215	.005	.0014	.0158	1.0454
%RSD	.95014	.0815	.08613	.37661	64.716

#1	2.2438	6.204	1.6114	4.2123	-2.3545
#2	2.2741	6.197	1.6134	4.1899	-.87612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.0	42901.	4370.3	108.20	2813.2
Stddev	9.5	194.	6.8	.21	15.1
%RSD	.51908	.45218	.15458	.19468	.53645

#1	1821.3	42764.	4375.1	108.35	2802.5
#2	1834.7	43038.	4365.5	108.05	2823.9

Sample Name: J4936-02A Acquired: 9/17/2018 23:22:29 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7455 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89531	2.2014	1.0345	2.1177	.86728	2.3172	.30044
Stddev	.00009	.0012	.0015	.0044	.00168	.0131	.00137
%RSD	.01043	.05343	.14399	.20848	.19418	.56700	.45480

#1	.89538	2.2022	1.0334	2.1208	.86609	2.3265	.30141
#2	.89524	2.2005	1.0355	2.1146	.86848	2.3079	.29947

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22229	.21542	117.79	.46688	.21121	.31217	3.2328
Stddev	.00019	.00029	.80	.00073	.00113	.00021	.0036
%RSD	.08754	.13240	.68087	.15546	.53345	.06635	.11056

#1	.22215	.21522	117.22	.46637	.21201	.31202	3.2302
#2	.22242	.21562	118.35	.46740	.21041	.31231	3.2353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22019	4.6073	.50115	.07801	293.73	.33725	.22168
Stddev	.00001	.0084	.00050	.00035	2.45	.00001	.00030
%RSD	.00289	.18333	.09984	.45244	.83362	.00294	.13609

#1	.22020	4.6014	.50079	.07776	295.46	.33724	.22189
#2	.22019	4.6133	.50150	.07826	292.00	.33726	.22147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.835	.44088	.37186	4.9563	6.5335	.70644	.21672
Stddev	.029	.00022	.00850	.0258	.0327	.00309	.00168
%RSD	.20648	.05090	2.2858	.52140	.50111	.43804	.77452

#1	13.815	.44072	.37787	4.9745	6.5104	.70426	.21791
#2	13.855	.44104	.36585	4.9380	6.5567	.70863	.21554

Sample Name: J4936-02A Acquired: 9/17/2018 23:22:29 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7455 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.2418	6.186	1.6025	3.8243	F<.00000
Stddev	.0204	.001	.0024	.4528	.92977
%RSD	.91079	.0207	.15158	11.840	41.797

#1	2.2562	6.187	1.6042	4.1445	-2.8819
#2	2.2273	6.185	1.6008	3.5042	-1.5670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.3	43095.	4366.6	106.76	2811.3
Stddev	1.8	73.	4.0	.25	2.0
%RSD	.09903	.17034	.09135	.23101	.07040

#1	1828.0	43147.	4369.4	106.93	2809.9
#2	1830.5	43043.	4363.8	106.59	2812.7

Sample Name: J4936-04 Acquired: 9/17/2018 23:26:27 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-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	-.00027	-.00033	-.00068	.00459	.00113	.16390	.22117	-.00002
Stddev	.00041	.00073	.00020	.00114	.00014	.01270	.00607	.00000
%RSD	151.37	223.82	29.510	24.849	12.542	7.7501	2.7465	1.6675

#1	.00002	-.00084	-.00082	.00539	.00123	.15492	.22546	-.00002
#2	-.00056	.00019	-.00054	.00378	.00103	.17289	.21687	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	206.90	.24687	-.00021	.00186	-.02838	.00051	-.04443
Stddev	.00001	5.58	.00066	.00010	.00052	.00718	.00003	.05496
%RSD	1.2231	2.6971	.26927	45.347	27.823	25.281	6.5576	123.70

#1	-.00052	210.85	.24734	-.00014	.00149	-.02331	.00054	-.08330
#2	-.00051	202.96	.24640	-.00028	.00223	-.03346	.00049	-.00557

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00283	-.00141	370.10	.00097	.03654	3.2383	.00185	.00780
Stddev	.00028	.00040	9.83	.00015	.00007	.0694	.00030	.00779
%RSD	10.033	28.074	2.6548	15.958	.19831	2.1437	16.120	99.928

#1	-.00263	-.00113	377.05	.00108	.03648	3.2874	.00164	.01331
#2	-.00303	-.00169	363.15	.00086	.03659	3.1892	.00206	.00229

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6658	.45316	.00112	-.00225	.29860	.0007	.72890	6.1645
Stddev	.0041	.00414	.00060	.00033	.00228	.0011	.02047	.3211
%RSD	.24747	.91416	53.390	14.595	.76406	158.4	2.8083	5.2080

#1	1.6629	.45609	.00070	-.00248	.29698	.0015	.74338	6.3915
#2	1.6687	.45023	.00154	-.00202	.30021	-.0001	.71443	5.9375

Sample Name: J4936-04 Acquired: 9/17/2018 23:26:27 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 138kv-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .88153
%RSD 113.71

#1 -.15190
#2 -1.3986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.1	42113.	4230.0	104.05	2734.3
Stddev	1.7	137.	121.5	.55	2.5
%RSD	.09614	.32453	2.8725	.52418	.09321

#1	1792.3	42016.	4144.1	103.67	2732.5
#2	1789.9	42209.	4315.9	104.44	2736.1

Sample Name: J4936-06 Acquired: 9/17/2018 23:30:38 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00426	-.00231	.00061	.00555	.02527	.08881	.08523	.00005
Stddev	.00289	.00062	.00044	.00127	.00024	.00749	.00051	.00008
%RSD	67.800	26.879	71.887	22.950	.95499	8.4303	.60090	162.13

#1	-.00222	-.00187	.00030	.00645	.02510	.09410	.08559	-.00001
#2	-.00631	-.00275	.00092	.00465	.02544	.08352	.08487	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	145.44	.07896	-.00024	.06194	-.02290	.00034	.25848
Stddev	.00006	.24	.00012	.00007	.00046	.00239	.00002	.07184
%RSD	14.566	.16555	.15697	27.168	.74894	10.438	4.5862	27.793

#1	-.00045	145.27	.07905	-.00029	.06161	-.02121	.00035	.30928
#2	-.00037	145.61	.07887	-.00020	.06227	-.02459	.00033	.20768

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	-.00094	329.77	.00601	.00852	1.4851	.00108	.02767
Stddev	.00018	.00028	.74	.00110	.00000	.0059	.00006	.00538
%RSD	6.2631	29.351	.22431	18.264	.04348	.39589	5.6811	19.456

#1	-.00301	-.00114	330.29	.00523	.00853	1.4892	.00104	.02387
#2	-.00276	-.00075	329.24	.00679	.00852	1.4809	.00113	.03148

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4480	3.9493	-.00041	.00014	.15811	.0123	1.3534	4.9142
Stddev	.0069	.0434	.00027	.00052	.00607	.0021	.0045	.4642
%RSD	.12730	1.0987	66.165	362.29	3.8403	17.21	.32967	9.4453

#1	5.4529	3.9800	-.00022	.00051	.16240	.0108	1.3566	4.5859
#2	5.4431	3.9186	-.00060	-.00022	.15382	.0138	1.3503	5.2424

Sample Name: J4936-06 Acquired: 9/17/2018 23:30:38 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .20464
 %RSD 120.77

#1 -.02474
 #2 -.31414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.8	42520.	4388.9	107.72	2776.2
Stddev	3.0	70.	23.9	.11	3.4
%RSD	.16469	.16522	.54532	.10630	.12082

#1	1794.8	42471.	4371.9	107.80	2773.9
#2	1798.9	42570.	4405.8	107.64	2778.6

Sample Name: J4936-08 Acquired: 9/17/2018 23:34:47 Type: Unk
Method: P4-ICP2(v2435) 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	.00220	-.00069	-.00149	.00480	.00035	.51949	.16417	.00005
Stddev	.00225	.00136	.00112	.00285	.00147	.02340	.00112	.00001
%RSD	102.45	197.55	74.893	59.276	415.35	4.5037	.68341	19.794

#1	.00379	.00027	-.00070	.00279	.00139	.50294	.16338	.00005
#2	.00061	-.00165	-.00228	.00682	-.00069	.53603	.16496	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	166.14	.03895	-.00025	.00283	-.02710	.00034	.01075
Stddev	.00013	.75	.00011	.00024	.00049	.00456	.00014	.00551
%RSD	29.650	.45023	.27350	95.973	17.212	16.822	39.798	51.234

#1	-.00052	165.61	.03888	-.00041	.00248	-.03032	.00043	.01465
#2	-.00034	166.67	.03903	-.00008	.00317	-.02388	.00024	.00686

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00295	-.00103	322.62	.00046	.01746	.51178	.00059	.00611
Stddev	.00027	.00078	1.24	.00025	.00007	.00851	.00005	.00239
%RSD	9.0171	76.307	.38552	55.136	.37928	1.6637	7.6409	39.221

#1	-.00314	-.00047	323.50	.00028	.01751	.50576	.00062	.00441
#2	-.00276	-.00158	321.74	.00063	.01741	.51780	.00056	.00780

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9200	.74961	.00108	-.00092	.17576	.0016	2.1429	5.7992
Stddev	.0044	.00241	.00039	.00109	.00758	.0021	.0110	.0295
%RSD	.23085	.32199	35.963	118.59	4.3154	134.1	.51196	.50938

#1	1.9168	.74790	.00135	-.00015	.17040	.0031	2.1352	5.8201
#2	1.9231	.75132	.00080	-.00169	.18113	.0001	2.1507	5.7783

Sample Name: J4936-08 Acquired: 9/17/2018 23:34:47 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .11111
 %RSD 24.056

#1 -.38333
 #2 -.54046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.7	42346.	4348.5	106.78	2758.6
Stddev	.1	55.	2.2	.49	3.7
%RSD	.00426	.13059	.05017	.45704	.13478

#1	1789.7	42307.	4350.1	106.44	2761.2
#2	1789.8	42385.	4347.0	107.13	2756.0

Sample Name: J4936-10 Acquired: 9/17/2018 23:38:59 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PHASE-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00100	-.00164	.00660	.00134	.10703	.09029
Stddev	.00330	.00042	.00034	.00052	.00054	.01021	.00086
%RSD	130.86	42.523	20.892	7.8790	40.481	9.5383	.94954

#1	.00019	-.00070	-.00189	.00623	.00173	.11425	.09090
#2	.00486	-.00130	-.00140	.00697	.00096	.09981	.08969

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00044	115.21	.00166	.00003	.00088	.01790
Stddev	.00001	.00005	1.30	.00010	.00036	.00008	.00172
%RSD	93.109	12.370	1.1263	5.8774	1388.8	9.1017	9.6078

#1	.00001	-.00047	116.12	.00159	-.00023	.00094	.01911
#2	.00000	-.00040	114.29	.00173	.00028	.00083	.01668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.13423	-.00310	-.00089	272.56	.00152	.00809
Stddev	.00000	.01761	.00027	.00019	6.03	.00040	.00004
%RSD	3.3247	13.122	8.5979	21.653	2.2116	26.110	.46031

#1	.00015	.12177	-.00291	-.00075	276.83	.00124	.00811
#2	.00014	.14668	-.00328	-.00102	268.30	.00180	.00806

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58759	.00091	.00843	2.8482	3.0679	-.00006	.00060
Stddev	.03502	.00008	.00304	.0038	.0261	.00146	.00026
%RSD	5.9601	8.8538	36.063	.13374	.84998	2389.9	43.395

#1	.56283	.00097	.01058	2.8455	3.0864	.00097	.00041
#2	.61235	.00085	.00628	2.8509	3.0495	-.00109	.00078

Sample Name: J4936-10 Acquired: 9/17/2018 23:38:59 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PHASE-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14242	.0006	.81320	3.5483	F<.00000
Stddev	.00205	.0012	.00985	.5092	.37609
%RSD	1.4418	189.8	1.2107	14.350	32.666

#1	.14388	-.0002	.82016	3.9083	-.88536
#2	.14097	.0015	.80624	3.1882	-1.4172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.3	42597.	4365.6	106.59	2807.7
Stddev	4.8	6.	58.7	.55	8.8
%RSD	.26790	.01354	1.3453	.51926	.31350

#1	1797.9	42601.	4324.0	106.20	2801.4
#2	1804.7	42593.	4407.1	106.98	2813.9

Sample Name: J4936-12 Acquired: 9/17/2018 23:43:08 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 132-1-VOLT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00001	-.00169	.00344	.00209	.12438	.07860	-.00005
Stddev	.00320	.00422	.00040	.00204	.00107	.00586	.00104	.00009
%RSD	24080.	29608.	23.757	59.274	51.146	4.7148	1.3174	161.37

#1	.00225	-.00297	-.00141	.00200	.00133	.12852	.07933	.00001
#2	-.00227	.00300	-.00198	.00488	.00284	.12023	.07787	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	131.39	.00743	-.00021	.00167	-.01466	.00023	.02845
Stddev	.00000	.13	.00011	.00020	.00030	.00455	.00009	.02820
%RSD	.04312	.09585	1.4559	95.556	18.024	31.059	38.161	99.105

#1	-.00043	131.48	.00735	-.00036	.00146	-.01144	.00029	.04839
#2	-.00043	131.30	.00751	-.00007	.00188	-.01789	.00017	.00851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00109	308.88	.00082	.01763	.38731	.00144	.01757
Stddev	.00022	.00027	1.03	.00020	.00021	.01941	.00058	.00560
%RSD	7.8929	24.594	.33353	23.707	1.1742	5.0125	40.523	31.891

#1	-.00263	-.00090	309.61	.00096	.01778	.37359	.00185	.01361
#2	-.00294	-.00128	308.16	.00069	.01748	.40104	.00103	.02153

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8112	3.3133	.00021	.00045	.16698	-.0006	1.1567	4.2721
Stddev	.0049	.0246	.00033	.00126	.00008	.0003	.0049	.1750
%RSD	.12878	.74351	155.89	279.65	.04966	48.61	.42283	4.0957

#1	3.8147	3.2958	-.00002	.00135	.16692	-.0004	1.1602	4.3959
#2	3.8078	3.3307	.00045	-.00044	.16704	-.0008	1.1533	4.1484

Sample Name: J4936-12 Acquired: 9/17/2018 23:43:08 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 132-1-VOLT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.28665
%RSD	40.581

#1	-.90905
#2	-.50367

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.8	42481.	4337.4	106.95	2790.5
Stddev	5.6	70.	21.1	.91	10.3
%RSD	.31413	.16533	.48746	.85542	.36859

#1	1793.8	42431.	4322.4	106.31	2783.2
#2	1801.8	42531.	4352.3	107.60	2797.8

Sample Name: J4936-14 Acquired: 9/17/2018 23:47:18 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 26KV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00121	-.00259	.00747	-.00068	.37438	.20087	-.00000
Stddev	.00504	.00037	.00036	.00243	.00139	.01147	.00457	.00008
%RSD	612.84	30.442	13.817	32.515	203.67	3.0624	2.2754	1736.2

#1	.00274	-.00095	-.00234	.00576	-.00167	.36627	.20411	-.00006
#2	-.00439	-.00146	-.00285	.00919	.00030	.38249	.19764	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	154.39	.02164	-.00025	.00189	-.02317	.00006	-.04035
Stddev	.00005	4.32	.00059	.00009	.00070	.00835	.00006	.01871
%RSD	11.388	2.8014	2.7234	34.862	36.923	36.045	95.124	46.372

#1	-.00044	157.44	.02206	-.00031	.00140	-.02907	.00011	-.05358
#2	-.00052	151.33	.02122	-.00019	.00239	-.01726	.00002	-.02712

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	-.00140	290.61	.00107	.01343	2.2867	.00049	-.00295
Stddev	.00025	.00002	9.16	.00001	.00067	.0635	.00028	.00796
%RSD	8.8938	1.1168	3.1534	.65564	4.9772	2.7752	57.722	269.97

#1	-.00297	-.00141	297.09	.00107	.01391	2.3316	.00029	-.00857
#2	-.00262	-.00139	284.13	.00106	.01296	2.2418	.00069	.00268

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87281	.46291	.00117	-.00069	.17867	.0015	2.3227	4.2652
Stddev	.00352	.02427	.00003	.00212	.00659	.0020	.0665	.1613
%RSD	.40337	5.2434	2.2248	309.19	3.6877	131.7	2.8617	3.7814

#1	.87032	.48007	.00118	.00081	.18333	.0001	2.3697	4.1511
#2	.87530	.44574	.00115	-.00219	.17401	.0030	2.2757	4.3792

Sample Name: J4936-14 Acquired: 9/17/2018 23:47:18 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 26KV Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .86493
%RSD 193.83

#1 .16537
#2 -1.0578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.9	42700.	4379.0	108.28	2784.3
Stddev	5.8	389.	139.7	4.85	11.7
%RSD	.32276	.91203	3.1908	4.4784	.41989

#1	1793.8	42425.	4280.2	104.85	2776.1
#2	1802.0	42976.	4477.8	111.71	2792.6

Sample Name: J4940-04 Acquired: 9/17/2018 23:51:29 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	.00113	-.00317	.00225	.00128	.05499	.06957	.00011
Stddev	.00265	.00089	.00060	.00050	.00089	.00724	.00160	.00002
%RSD	121.65	78.695	18.886	22.110	69.865	13.167	2.3016	19.025

#1	-.00030	.00175	-.00275	.00261	.00191	.06011	.07070	.00012
#2	-.00405	.00050	-.00360	.00190	.00065	.04987	.06844	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	2.7815	-.00014	.00002	.00859	.16894	.01541	.34079
Stddev	.00008	.0040	.00043	.00004	.00020	.00795	.00000	.02132
%RSD	26.505	.14353	319.33	186.46	2.3457	4.7028	.00884	6.2565

#1	-.00035	2.7843	.00017	.00005	.00845	.17456	.01542	.35586
#2	-.00024	2.7787	-.00044	-.00001	.00873	.16333	.01541	.32571

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	-.00085	309.59	-.00002	.02434	-.08892	.00042	.00694
Stddev	.00037	.00020	.91	.00022	.00021	.02520	.00024	.00155
%RSD	100.58	23.625	.29318	974.61	.86152	28.342	57.438	22.291

#1	-.00062	-.00071	308.94	.00013	.02420	-.07110	.00025	.00803
#2	-.00011	-.00100	310.23	-.00018	.02449	-.10675	.00059	.00584

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06627	.14861	-.00136	.00422	.09173	.0140	.01658	.16208
Stddev	.00813	.00247	.00007	.00040	.00670	.0004	.00022	.00209
%RSD	12.270	1.6619	5.1064	9.5070	7.3027	2.663	1.3534	1.2875

#1	.06052	.14686	-.00131	.00394	.09646	.0143	.01642	.16356
#2	.07202	.15035	-.00141	.00450	.08699	.0138	.01674	.16061

Sample Name: J4940-04 Acquired: 9/17/2018 23:51:29 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .51860
%RSD 167.49

#1 -.67634
#2 .05708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.0	43740.	4435.8	109.33	2913.1
Stddev	2.1	2.	26.7	.94	.8
%RSD	.11403	.00390	.60221	.85742	.02862

#1	1874.5	43739.	4454.7	110.00	2912.5
#2	1877.5	43742.	4416.9	108.67	2913.7

Sample Name: J4940-04DUP Acquired: 9/17/2018 23:55:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	-.00025	-.00357	.00236	.00108	.05384	.06966	.00010
Stddev	.00064	.00075	.00130	.00105	.00007	.00197	.00022	.00002
%RSD	31.690	295.53	36.444	44.600	6.7826	3.6663	.31344	24.382

#1	-.00158	-.00078	-.00265	.00310	.00103	.05523	.06981	.00008
#2	-.00249	.00028	-.00448	.00161	.00113	.05244	.06950	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	2.7486	-.00010	.00003	.00847	.04921	.01507	.33278
Stddev	.00010	.0004	.00011	.00041	.00010	.00140	.00004	.02801
%RSD	59.890	.01340	113.32	1292.9	1.1227	2.8538	.29302	8.4180

#1	-.00024	2.7489	-.00002	-.00026	.00841	.04822	.01503	.31297
#2	-.00010	2.7484	-.00018	.00032	.00854	.05021	.01510	.35259

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00096	309.06	.00078	.02191	-.05760	.00048	-.00185
Stddev	.00003	.00030	3.20	.00058	.00011	.00160	.00034	.00163
%RSD	21.312	30.914	1.0365	74.421	.51713	2.7792	69.296	88.341

#1	.00013	-.00117	306.79	.00119	.02199	-.05647	.00025	-.00300
#2	.00017	-.00075	311.32	.00037	.02183	-.05873	.00072	-.00069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06660	.14412	-.00182	.00244	.08956	.0155	.01641	<.00000
Stddev	.00061	.00510	.00050	.00013	.00455	.0012	.00011	.02432
%RSD	.91375	3.5355	27.420	5.4098	5.0795	7.987	.68649	13.280

#1	.06703	.14051	-.00217	.00254	.08635	.0146	.01649	-.16591
#2	.06617	.14772	-.00147	.00235	.09278	.0164	.01633	-.20030

Sample Name: J4940-04DUP Acquired: 9/17/2018 23:55:41 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.55288
%RSD	926.51

#1	-.45062
#2	.33127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.4	43802.	4441.6	110.31	2916.2
Stddev	7.2	186.	45.8	1.07	21.5
%RSD	.38328	.42421	1.0309	.96834	.73571

#1	1874.5	43671.	4474.0	109.55	2931.3
#2	1864.4	43933.	4409.3	111.06	2901.0

Sample Name: CCV13 Acquired: 9/17/2018 23:59:52 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13843 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9394	5.2621	4.7846	4.9121	5.0390	10.572	10.969
Stddev	.0163	.0024	.0068	.0037	.0021	.244	.451
%RSD	.33030	.04477	.14306	.07443	.04158	2.3053	4.1091

#1	4.9510	5.2604	4.7894	4.9147	5.0405	10.744	11.287
#2	4.9279	5.2637	4.7797	4.9095	5.0375	10.400	10.650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25973	2.4286	26.558	1.0336	2.4785	1.2472	5.0994
Stddev	.00499	.0009	1.166	.0174	.0007	.0013	.1566
%RSD	1.9223	.03723	4.3889	1.6828	.02718	.10171	3.0703

#1	.26327	2.4280	27.382	1.0459	2.4780	1.2481	5.2101
#2	.25620	2.4293	25.734	1.0213	2.4789	1.2463	4.9887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6069	26.476	2.3178	1.2613	F 27.987	2.5789	2.6710
Stddev	.0444	1.283	.0011	.0209	1.083	.0482	.0611
%RSD	1.7011	4.8438	.04868	1.6591	3.8688	1.8706	2.2867

#1	2.6382	27.383	2.3186	1.2761	28.753	2.6130	2.7142
#2	2.5755	25.570	2.3170	1.2465	27.222	2.5448	2.6279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.981	4.9440	F 5.5449	4.7872	F 5.7423	4.6971	5.1978
Stddev	.955	.0065	.1776	.0027	.1860	.0011	.2352
%RSD	3.5386	.13177	3.2031	.05635	3.2382	.02250	4.5243

#1	27.656	4.9486	5.6705	4.7891	5.8738	4.6979	5.3641
#2	26.306	4.9394	5.4193	4.7853	5.6108	4.6964	5.0316

Sample Name: CCV13 Acquired: 9/17/2018 23:59:52 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13843 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.3136	4.798	F 6.1689	F<.00000	F<.00000
Stddev	.2373	.016	.2261	.45145	.37491
%RSD	4.4666	.3406	3.6643	167.25	51.013

#1	5.4814	4.786	6.3287	.04930	-1.0000
#2	5.1458	4.809	6.0091	-.58914	-.46983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.7	45141.	4291.8	104.51	3079.1
Stddev	4.8	722.	158.5	2.49	4.5
%RSD	.24259	1.5988	3.6932	2.3849	.14496

#1	1966.3	44631.	4179.7	102.75	3076.0
#2	1973.0	45652.	4403.9	106.28	3082.3

Sample Name: CCB13 Acquired: 9/18/2018 0:03:38 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13843 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	.00327	F -.00629	.00109	.00179	.00038	-.00391
Stddev	.00103	.00020	.00027	.00030	.00135	.01071	.00022
%RSD	41.922	6.0015	4.2176	27.818	75.600	2810.7	5.7578

#1	.00319	.00313	-.00648	.00088	.00275	.00795	-.00407
#2	.00173	.00341	-.00610	.00131	.00083	-.00719	-.00375

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00018	-.04165	.00013	.00011	.00025	.01114
Stddev	.00003	.00013	.00896	.00020	.00007	.00039	.00562
%RSD	91.485	72.814	21.502	149.18	65.209	158.34	50.457

#1	.00001	-.00028	-.03532	.00027	.00006	-.00003	.01512
#2	.00005	-.00009	-.04798	-.00001	.00016	.00052	.00717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01781	.00028	-.00105	-.04646	.00055	-.00067
Stddev	.00001	.00926	.00043	.00007	.00222	.00053	.00007
%RSD	8.8611	52.001	152.84	6.8145	4.7685	96.239	9.9785

#1	-.00010	.01126	.00059	-.00100	-.04802	.00092	-.00062
#2	-.00011	.02436	-.00002	-.00110	-.04489	.00017	-.00072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.38712	.00177	-.00421	-.00115	.00895	-.00190	.00419
Stddev	.01176	.00022	.00635	.00217	.00003	.00083	.00141
%RSD	3.0367	12.349	151.03	188.17	.34546	43.619	33.693

#1	-.37881	.00193	-.00870	.00038	.00897	-.00248	.00319
#2	-.39543	.00162	.00029	-.00269	.00893	-.00131	.00518

Sample Name: CCB13 Acquired: 9/18/2018 0:03:38 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13843 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .09485	.0008	-.00039	F<.00000	F<.00000
Stddev	.00227	.0018	.00003	.08372	.30734
%RSD	2.3903	225.5	6.6097	2.6772	13.387

#1	.09645	.0021	-.00037	-3.0679	-2.5132
#2	.09324	-.0005	-.00041	-3.1863	-2.0785

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.7	46971.	4457.8	112.28	3403.5
Stddev	7.4	85.	4.8	.54	14.7
%RSD	.36630	.18167	.10692	.48140	.43308

#1	2016.5	46910.	4461.2	111.90	3393.1
#2	2026.9	47031.	4454.5	112.66	3414.0

Sample Name: J4940-04LX5 Acquired: 9/18/2018 0:07:44 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00305	-.00473	.00138	.00189	.00520	.00920	.00007
Stddev	.00031	.00026	.00080	.00087	.00227	.00180	.00180	.00004
%RSD	51.934	8.5625	16.979	63.346	119.79	34.645	19.617	57.466

#1	.00037	.00286	-.00529	.00076	.00029	.00393	.01047	.00009
#2	.00081	.00323	-.00416	.00200	.00350	.00648	.00792	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.45590	-.00002	.00018	.00212	.02644	.00299	.05249
Stddev	.00010	.04619	.00032	.00027	.00006	.00910	.00013	.02154
%RSD	43.245	10.130	1527.0	151.94	2.9176	34.427	4.2754	41.038

#1	-.00015	.48856	.00021	.00037	.00217	.03287	.00308	.03726
#2	-.00029	.42325	-.00025	-.00001	.00208	.02000	.00290	.06772

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00076	56.412	.00047	.00373	-.26125	.00064	-.01074
Stddev	.00024	.00041	6.727	.00043	.00068	.02730	.00000	.00138
%RSD	99.889	54.409	11.925	89.672	18.215	10.451	.54192	12.885

#1	-.00007	-.00047	61.168	.00017	.00421	-.28056	.00064	-.00976
#2	-.00040	-.00105	51.655	.00078	.00325	-.24194	.00065	-.01172

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00989	.03007	-.00184	.00412	.06792	.0039	.00263	<.00000
Stddev	.00106	.00854	.00007	.00100	.04210	.0010	.00031	1.1294
%RSD	10.760	28.394	4.0291	24.304	61.978	26.53	11.801	135.23

#1	.01064	.03611	-.00189	.00341	.09769	.0047	.00285	-.03656
#2	.00914	.02403	-.00179	.00483	.03816	.0032	.00241	-1.6338

Sample Name: J4940-04LX5 Acquired: 9/18/2018 0:07:44 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.08104
%RSD	8.9075

#1	-.85246
#2	-.96707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.7	44863.	4808.1	118.60	3166.3
Stddev	7.1	1160.	522.6	15.49	8.6
%RSD	.36414	2.5865	10.870	13.057	.27316

#1	1957.7	44043.	4438.5	107.65	3160.2
#2	1967.8	45684.	5177.6	129.55	3172.4

Sample Name: J4940-04MS Acquired: 9/18/2018 0:11:50 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87184	2.2047	1.0226	2.0853	.85306	2.2819	.29243
Stddev	.00215	.0077	.0055	.0016	.00090	.0160	.00266
%RSD	.24635	.34925	.54204	.07874	.10517	.70116	.91026

#1	.87032	2.1992	1.0187	2.0865	.85369	2.2705	.29431
#2	.87336	2.2101	1.0265	2.0841	.85242	2.2932	.29055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21396	.21584	3.8119	.42866	.21169	.31610	3.2501
Stddev	.00274	.00063	.0305	.00346	.00151	.00182	.1002
%RSD	1.2807	.29088	.80015	.80748	.71495	.57432	3.0836

#1	.21202	.21539	3.8334	.42621	.21062	.31481	3.3210
#2	.21589	.21628	3.7903	.43111	.21276	.31738	3.1793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23609	2.4252	.50457	.07496	304.14	.33279	.23364
Stddev	.00294	.0118	.00072	.00144	2.41	.00307	.00789
%RSD	1.2440	.48777	.14304	1.9273	.79232	.92365	3.3754

#1	.23401	2.4336	.50406	.07393	305.84	.33061	.23922
#2	.23817	2.4168	.50508	.07598	302.44	.33496	.22806

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.285	.43560	.33549	.06939	1.1823	.70061	.21793
Stddev	.074	.00144	.00702	.00217	.0091	.00364	.00180
%RSD	.65217	.33112	2.0924	3.1307	.77105	.51906	.82655

#1	11.337	.43458	.34045	.06785	1.1887	.69804	.21920
#2	11.233	.43662	.33053	.07092	1.1759	.70318	.21666

Sample Name: J4940-04MS Acquired: 9/18/2018 0:11:50 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1325	5.900	.26317	<.00000	F<.00000
Stddev	.0094	.033	.00120	.04398	.45072
%RSD	.44228	.5587	.45554	37.884	40.061

#1	2.1392	5.877	.26402	-.08500	-.80638
#2	2.1258	5.923	.26233	-.14720	-1.4438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.5	44185.	4438.8	109.40	2916.4
Stddev	2.8	300.	33.0	3.57	8.3
%RSD	.14673	.67839	.74433	3.2667	.28305

#1	1885.5	44397.	4415.4	106.87	2922.3
#2	1881.5	43973.	4462.1	111.93	2910.6

Sample Name: J4940-04MSD Acquired: 9/18/2018 0:15:50 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86925	2.2120	1.0275	2.0771	.85213	2.2896	.29303	.21404
Stddev	.00438	.0025	.0083	.0051	.00564	.0133	.00029	.00046
%RSD	.50344	.11492	.80333	.24447	.66136	.58124	.09862	.21645

#1	.86615	2.2102	1.0217	2.0735	.84815	2.2802	.29282	.21437
#2	.87234	2.2138	1.0333	2.0807	.85612	2.2990	.29323	.21371

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21612	3.7929	.42843	.21121	.31485	3.2491	.23622	2.4617
Stddev	.00075	.0137	.00087	.00110	.00147	.0486	.00009	.0425
%RSD	.34687	.36113	.20310	.52285	.46814	1.4952	.03815	1.7250

#1	.21559	3.7833	.42782	.21043	.31381	3.2148	.23629	2.4317
#2	.21665	3.8026	.42905	.21199	.31589	3.2835	.23616	2.4918

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50349	.07567	307.00	.33171	.23340	11.291	.43520	.32949
Stddev	.00103	.00058	.10	.00125	.00106	.110	.00176	.00496
%RSD	.20390	.76184	.03290	.37543	.45286	.97204	.40450	1.5068

#1	.50276	.07526	306.93	.33083	.23266	11.213	.43395	.32598
#2	.50422	.07608	307.08	.33259	.23415	11.368	.43644	.33300

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06722	1.1841	.70292	.22097	2.1421	5.900	.26227	<.00000
Stddev	.00129	.0087	.00337	.00122	.0198	.013	.00080	.17717
%RSD	1.9173	.73788	.47972	.55205	.92521	.2161	.30666	83.293

#1	.06813	1.1779	.70053	.22011	2.1281	5.891	.26170	-.08743
#2	.06630	1.1902	.70530	.22183	2.1562	5.909	.26284	-.33798

Sample Name: J4940-04MSD Acquired: 9/18/2018 0:15:50 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.03269
%RSD	4.4664

#1	-.70874
#2	-.75497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.3	44194.	4429.2	109.17	2912.7
Stddev	.8	94.	23.0	.37	3.0
%RSD	.04324	.21218	.51819	.34262	.10338

#1	1882.9	44128.	4445.4	109.44	2910.6
#2	1881.8	44260.	4413.0	108.91	2914.8

Sample Name: J4940-04A Acquired: 9/18/2018 0:19:49 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87713	2.2321	1.0345	2.0916	.86219	2.3026	.28937	.21438
Stddev	.00348	.0136	.0015	.0014	.00114	.0273	.00533	.00029
%RSD	.39623	.60759	.14778	.06791	.13226	1.1857	1.8421	.13557
#1	.87467	2.2225	1.0334	2.0926	.86300	2.2833	.28560	.21458
#2	.87958	2.2417	1.0355	2.0906	.86138	2.3219	.29314	.21417
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21733	3.7338	.42964	.21274	.31806	3.2048	.23714	2.4322
Stddev	.00052	.0756	.00303	.00084	.00126	.0079	.00034	.0248
%RSD	.24062	2.0253	.70623	.39508	.39695	.24636	.14522	1.0201
#1	.21696	3.6804	.43178	.21214	.31895	3.1993	.23739	2.4497
#2	.21770	3.7873	.42749	.21333	.31716	3.2104	.23690	2.4147
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50819	.07583	300.76	.33293	.22875	11.125	.43640	.31933
Stddev	.00041	.00024	2.07	.00004	.00091	.211	.00002	.00087
%RSD	.08075	.31421	.68722	.01310	.39767	1.8937	.00504	.27157
#1	.50790	.07600	299.30	.33290	.22939	10.976	.43641	.31994
#2	.50848	.07567	302.22	.33296	.22811	11.274	.43638	.31871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07031	1.1663	.70490	.21652	2.1380	5.967	.25884	<.00000
Stddev	.00278	.0143	.00243	.00377	.0327	.012	.00356	.28611
%RSD	3.9511	1.2220	.34468	1.7415	1.5281	.1941	1.3761	322.87
#1	.07228	1.1562	.70318	.21385	2.1149	5.959	.25632	.11370
#2	.06835	1.1764	.70662	.21918	2.1611	5.975	.26136	-.29092

Sample Name: J4940-04A Acquired: 9/18/2018 0:19:49 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .34103
%RSD 51.985

#1 -.41487
#2 -.89715

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.5	44191.	4508.2	111.55	2905.1
Stddev	7.7	98.	18.1	1.04	1.0
%RSD	.40922	.22150	.40182	.93019	.03300

#1	1874.1	44122.	4521.0	110.82	2904.4
#2	1885.0	44260.	4495.3	112.28	2905.8

Sample Name: J4940-08 Acquired: 9/18/2018 0:23:49 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-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	-.00267	.00118	-.00416	.00354	.00197	.12949	.08276	.00022
Stddev	.00312	.00048	.00096	.00129	.00208	.01815	.00262	.00008
%RSD	116.74	40.653	23.117	36.390	105.44	14.016	3.1683	36.019

#1	-.00488	.00152	-.00348	.00445	.00344	.11666	.08090	.00017
#2	-.00047	.00084	-.00484	.00263	.00050	.14232	.08461	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	2.5302	.00021	.00012	.00692	.02779	.02705	.42622
Stddev	.00008	.0807	.00009	.00004	.00068	.00934	.00074	.06925
%RSD	31.416	3.1888	40.820	36.052	9.8331	33.596	2.7223	16.247

#1	-.00020	2.4732	.00015	.00009	.00644	.02119	.02652	.37725
#2	-.00031	2.5873	.00027	.00015	.00740	.03439	.02757	.47518

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00044	383.20	.00053	.01893	.02466	.00084	-.00058
Stddev	.00005	.00020	18.65	.00024	.00008	.02763	.00001	.00995
%RSD	106.98	44.119	4.8672	44.731	.42817	112.03	.64637	1713.7

#1	-.00001	-.00030	370.01	.00070	.01888	.00512	.00083	-.00761
#2	-.00008	-.00058	396.39	.00036	.01899	.04419	.00084	.00645

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11484	.16297	-.00013	.00277	.11468	.0090	.01705	1.0062
Stddev	.00072	.00364	.00078	.00118	.01851	.0000	.00046	.7867
%RSD	.62316	2.2332	606.15	42.450	16.139	.2116	2.6723	78.190

#1	.11535	.16040	-.00068	.00194	.10159	.0090	.01672	.44988
#2	.11434	.16555	.00042	.00360	.12776	.0091	.01737	1.5625

Sample Name: J4940-08 Acquired: 9/18/2018 0:23:49 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .14763
 Stddev .27495
 %RSD 186.24

#1 .34205
 #2 -.04679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.9	42729.	4416.6	106.38	2905.1
Stddev	22.9	1012.	95.6	.35	39.3
%RSD	1.2104	2.3686	2.1656	.32730	1.3528

#1	1874.7	43445.	4484.3	106.63	2877.3
#2	1907.1	42014.	4349.0	106.14	2932.9

Sample Name: J4941-03 Acquired: 9/18/2018 0:28:01 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB47199RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	-.00222	.00536	.00314	.00238	.43945	.13612	.00010
Stddev	.00066	.00123	.00024	.00121	.00053	.00728	.00015	.00009
%RSD	21.090	55.489	4.5591	38.634	22.223	1.6573	.10921	86.819

#1	.00360	-.00309	.00519	.00400	.00276	.43430	.13602	.00004
#2	.00267	-.00135	.00553	.00228	.00201	.44460	.13623	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	22.227	.00036	.00254	.00865	.35463	.50350	3.3962
Stddev	.00011	.220	.00025	.00033	.00038	.00825	.00575	.0491
%RSD	26.608	.98787	69.351	12.958	4.3477	2.3258	1.1429	1.4448

#1	.00050	22.071	.00019	.00231	.00892	.36046	.50757	3.3615
#2	.00034	22.382	.00054	.00278	.00838	.34879	.49943	3.4309

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00131	352.07	.00085	.10253	.33597	.00063	.02243
Stddev	.00056	.00032	2.12	.00014	.00022	.03046	.00021	.00307
%RSD	99.033	24.213	.60289	16.221	.21004	9.0650	33.852	13.701

#1	.00017	-.00109	350.57	.00075	.10238	.35751	.00048	.02460
#2	.00097	-.00154	353.57	.00094	.10268	.31444	.00078	.02026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3879	1.4337	.00070	.01589	.12632	.0256	.09183	1.2636
Stddev	.0193	.0118	.00075	.00195	.01466	.0025	.00053	.1781
%RSD	.81034	.82345	107.91	12.302	11.603	9.577	.57664	14.097

#1	2.4016	1.4420	.00123	.01727	.11596	.0273	.09145	1.3896
#2	2.3742	1.4253	.00017	.01451	.13668	.0239	.09220	1.1377

Sample Name: J4941-03 Acquired: 9/18/2018 0:28:01 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB47199RT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .04010
 Stddev .26524
 %RSD 661.40

#1 -.14745
 #2 .22766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.6	42756.	4402.9	109.08	2856.9
Stddev	13.9	487.	14.6	.27	18.3
%RSD	.76209	1.1393	.33215	.24653	.63954

#1	1819.7	42412.	4392.6	108.89	2844.0
#2	1839.4	43101.	4413.3	109.27	2869.9

Sample Name: J4941-06 Acquired: 9/18/2018 0:32:11 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB47198RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	.00112	.00386	.00471	.00207	.85929	.12190	.00008
Stddev	.00853	.00031	.00144	.00064	.00113	.00780	.00121	.00003
%RSD	555.42	27.949	37.353	13.525	54.769	.90820	.99318	38.707

#1	-.00450	.00090	.00488	.00516	.00127	.85377	.12105	.00006
#2	.00757	.00134	.00284	.00426	.00287	.86481	.12276	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	17.418	.00126	.00208	.01039	.92623	.30628	2.7597
Stddev	.00013	.041	.00012	.00009	.00024	.01036	.00365	.0259
%RSD	30.699	.23376	9.7027	4.2185	2.3284	1.1188	1.1933	.93949

#1	.00052	17.389	.00134	.00214	.01022	.93355	.30370	2.7414
#2	.00033	17.447	.00117	.00201	.01056	.91890	.30887	2.7780

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00120	343.12	.00258	.07195	.38229	.00071	.00755
Stddev	.00080	.00019	2.07	.00049	.00091	.03175	.00027	.00319
%RSD	307.47	15.725	.60225	19.155	1.2632	8.3052	37.424	42.290

#1	.00083	-.00133	344.58	.00223	.07260	.35984	.00052	.00981
#2	-.00031	-.00106	341.66	.00293	.07131	.40474	.00090	.00529

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97402	2.1170	-.00025	.03180	.12180	.0342	.06558	.50215
Stddev	.00768	.0116	.00178	.00154	.01215	.0019	.00010	.13035
%RSD	.78862	.54676	717.92	4.8288	9.9716	5.536	.15724	25.959

#1	.97945	2.1252	-.00151	.03288	.11322	.0329	.06565	.59432
#2	.96859	2.1088	.00101	.03071	.13039	.0355	.06551	.40997

Sample Name: J4941-06 Acquired: 9/18/2018 0:32:11 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB47198RT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.50833
Stddev	.06418
%RSD	12.625

#1	.46295
#2	.55372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.9	43159.	4359.7	106.26	2871.6
Stddev	5.6	163.	27.9	1.47	9.6
%RSD	.30511	.37711	.64066	1.3843	.33343

#1	1836.9	43274.	4339.9	105.22	2864.8
#2	1844.9	43044.	4379.4	107.30	2878.4

Sample Name: J4942-03 Acquired: 9/18/2018 0:36:21 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB32727RT 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	-.00004	.00103	.00256	.00241	.04527	.11410	.00012
Stddev	.00242	.00071	.00096	.00209	.00001	.00382	.00829	.00005
%RSD	757.20	1898.2	93.323	81.385	.30120	8.4288	7.2694	38.233

#1	.00139	.00046	.00170	.00109	.00241	.04257	.10824	.00015
#2	-.00203	-.00054	.00035	.00404	.00242	.04796	.11997	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	9.0291	-.00015	.00020	.00516	.01776	.01676	.49599
Stddev	.00013	.5812	.00002	.00022	.00055	.00317	.00003	.06315
%RSD	53.559	6.4367	15.367	112.39	10.628	17.822	.19856	12.732

#1	-.00015	8.6182	-.00017	.00035	.00554	.01552	.01674	.45134
#2	-.00033	9.4401	-.00014	.00004	.00477	.02000	.01679	.54064

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00088	353.37	-.00021	.02254	.71551	.00036	.00168
Stddev	.00033	.00067	20.16	.00021	.00115	.08863	.00032	.00364
%RSD	40.136	75.965	5.7035	102.79	5.1039	12.387	89.024	216.74

#1	-.00104	-.00041	339.12	-.00006	.02172	.65284	.00059	.00425
#2	-.00058	-.00135	367.62	-.00036	.02335	.77818	.00013	-.00089

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12864	.64407	.00052	.00276	.10861	.0348	.07223	.46248
Stddev	.00039	.03696	.00006	.00032	.01721	.0027	.00480	.38435
%RSD	.30631	5.7385	12.151	11.576	15.843	7.646	6.6416	83.107

#1	.12836	.61794	.00048	.00299	.09644	.0329	.06884	.73426
#2	.12892	.67021	.00057	.00254	.12077	.0367	.07562	.19070

Sample Name: J4942-03 Acquired: 9/18/2018 0:36:21 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB32727RT Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.12200
Stddev	.47323
%RSD	387.88

#1	.45662
#2	-.21262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.6	43127.	4537.3	114.34	2853.2
Stddev	9.1	69.	258.6	5.26	12.5
%RSD	.49604	.16084	5.7000	4.5982	.43729

#1	1826.2	43078.	4720.2	118.06	2844.4
#2	1839.1	43176.	4354.4	110.63	2862.0

Sample Name: J4943-03 Acquired: 9/18/2018 0:40:32 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00146	.00674	.00232	.00220	1.1592	.40688	.00006
Stddev	.00571	.00159	.00097	.00031	.00003	.0123	.00068	.00007
%RSD	1305.6	108.93	14.371	13.442	1.3118	1.0649	.16804	130.96

#1	-.00360	-.00033	.00743	.00254	.00222	1.1504	.40640	.00011
#2	.00447	-.00258	.00606	.00210	.00218	1.1679	.40736	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	15.154	.00228	.00144	.01689	1.2798	.31921	4.0174
Stddev	.00001	.112	.00008	.00004	.00004	.0040	.00233	.0092
%RSD	3.4423	.74216	3.5897	2.5689	.26370	.31672	.72879	.22837

#1	-.00029	15.074	.00222	.00141	.01692	1.2826	.32086	4.0109
#2	-.00027	15.233	.00234	.00146	.01686	1.2769	.31757	4.0239

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	-.00058	389.44	.00393	.23067	7.1355	.00048	.09072
Stddev	.00055	.00037	4.88	.00020	.00086	.0363	.00011	.00666
%RSD	112.10	63.452	1.2532	5.0073	.37125	.50856	21.876	7.3441

#1	-.00010	-.00084	385.99	.00379	.23128	7.1099	.00056	.09543
#2	-.00088	-.00032	392.89	.00407	.23007	7.1612	.00041	.08601

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58960	1.9661	.00120	.06828	.12782	.7751	.12690	.92550
Stddev	.00055	.0118	.00057	.00313	.00335	.0064	.00008	.37548
%RSD	.09412	.59848	47.546	4.5830	2.6198	.8253	.05958	40.571

#1	.58921	1.9578	.00079	.06607	.13019	.7706	.12695	1.1910
#2	.58999	1.9744	.00160	.07049	.12545	.7796	.12685	.65999

Sample Name: J4943-03 Acquired: 9/18/2018 0:40:32 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .71674
 Stddev .23403
 %RSD 32.652

#1 .55125
 #2 .88222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.8	42905.	4392.1	108.65	2819.9
Stddev	1.3	200.	23.5	.49	2.4
%RSD	.07102	.46623	.53618	.44965	.08398

#1	1819.9	42764.	4408.8	108.30	2818.2
#2	1821.7	43047.	4375.5	108.99	2821.6

Sample Name: CCV14 Acquired: 9/18/2018 0:44:40 Type: Unk
Method: P4-ICP2(v2435) 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	5.0678	5.3974	4.9134	5.0880	5.1773	10.646	10.548
Stddev	.0044	.0056	.0017	.0091	.0046	.092	.038
%RSD	.08623	.10279	.03532	.17959	.08955	.86426	.36072

#1	5.0709	5.4013	4.9121	5.0945	5.1741	10.711	10.521
#2	5.0647	5.3935	4.9146	5.0816	5.1806	10.581	10.575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26023	2.4936	25.842	1.0410	2.5555	1.2775	5.0654
Stddev	.00001	.0005	.024	.0013	.0047	.0006	.0226
%RSD	.00361	.02043	.09361	.12811	.18240	.04988	.44686

#1	.26024	2.4939	25.859	1.0400	2.5522	1.2779	5.0494
#2	.26023	2.4932	25.825	1.0419	2.5588	1.2770	5.0814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6099	25.452	2.3738	1.2554	27.058	2.5802	2.6646
Stddev	.0007	.004	.0041	.0015	.138	.0029	.0283
%RSD	.02657	.01435	.17223	.11695	.51106	.11285	1.0622

#1	2.6104	25.455	2.3710	1.2564	26.960	2.5823	2.6446
#2	2.6094	25.450	2.3767	1.2543	27.156	2.5781	2.6846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.001	5.0607	5.3388	4.9175	F 5.5279	4.8105	5.0337
Stddev	.177	.0140	.0187	.0169	.0361	.0183	.0143
%RSD	.68170	.27697	.35081	.34374	.65272	.37981	.28398

#1	25.876	5.0508	5.3256	4.9295	5.5024	4.7976	5.0438
#2	26.126	5.0706	5.3520	4.9056	5.5534	4.8234	5.0235

Sample Name: CCV14 Acquired: 9/18/2018 0:44:40 Type: Unk
Method: P4-ICP2(v2435) 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	5.1204	4.941	F 5.9165	F<.00000	F<.00000
Stddev	.0180	.014	.0465	.02493	.43880
%RSD	.35141	.2839	.78628	7.6806	61.502

#1	5.1077	4.931	5.8836	-.34217	-1.0237
#2	5.1331	4.951	5.9494	-.30692	-.40319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.4	45158.	4466.3	104.90	3013.2
Stddev	1.9	149.	25.7	.92	2.1
%RSD	.09804	.32892	.57609	.87520	.07126

#1	1926.0	45053.	4484.5	105.54	3011.7
#2	1928.7	45263.	4448.1	104.25	3014.7

Sample Name: CCB14 Acquired: 9/18/2018 0:48:27 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB112916TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00446	-.00451	.00306	.00020	-.00268	-.00304
Stddev	.00163	.00005	.00040	.00126	.00093	.01255	.00035
%RSD	1566.8	1.1484	8.7779	41.158	459.28	467.71	11.392

#1	-.00105	.00450	-.00478	.00217	.00086	-.01155	-.00329
#2	.00125	.00443	-.00423	.00394	-.00045	.00619	-.00280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00009	-.04343	-.00060	.00036	.00040	.01487
Stddev	.00005	.00011	.00650	.00037	.00011	.00052	.00729
%RSD	71.326	113.40	14.961	61.891	30.969	130.47	48.987

#1	.00010	-.00002	-.04802	-.00087	.00028	.00076	.02003
#2	.00003	-.00017	-.03883	-.00034	.00044	.00003	.00972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.06888	.00113	-.00084	-.02575	.00030	-.00061
Stddev	.00007	.00072	.00002	.00018	.00174	.00032	.00001
%RSD	60.499	1.0391	1.4722	20.916	6.7701	107.28	1.8887

#1	-.00016	-.06938	.00111	-.00097	-.02451	.00007	-.00061
#2	-.00006	-.06837	.00114	-.00072	-.02698	.00053	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.35460	.00177	-.00505	-.00210	.00733	-.00227	.00284
Stddev	.03849	.00027	.00008	.00187	.00219	.00000	.00008
%RSD	10.856	15.143	1.5745	89.165	29.922	.19501	2.8714

#1	-.38182	.00196	-.00510	-.00343	.00888	-.00228	.00290
#2	-.32738	.00158	-.00499	-.00078	.00578	-.00227	.00279

Sample Name: CCB14 Acquired: 9/18/2018 0:48:27 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB112916TB Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .10738	.0023	-.00047	F<.00000	F<.00000
Stddev	.02453	.0013	.00013	.22260	.21407
%RSD	22.843	54.98	28.615	6.7779	9.0164

#1	.12472	.0032	-.00057	-3.1267	-2.5257
#2	.09004	.0014	-.00038	-3.4415	-2.2229

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.7	47206.	4331.6	107.85	3387.4
Stddev	.4	28.	226.4	4.56	3.8
%RSD	.01790	.05849	5.2263	4.2284	.11286

#1	2010.0	47186.	4171.5	104.62	3384.7
#2	2009.5	47225.	4491.7	111.07	3390.1

Sample Name: J4944-03 Acquired: 9/18/2018 0:52:34 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB48377RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00042	.00163	.00298	.00166	.04543	.17466	-.00001
Stddev	.00307	.00061	.00072	.00085	.00113	.00397	.00013	.00005
%RSD	566.61	145.96	44.159	28.625	67.957	8.7273	.07674	489.73

#1	.00163	-.00085	.00112	.00238	.00086	.04824	.17457	.00003
#2	-.00271	.00001	.00214	.00359	.00245	.04263	.17476	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	49.199	-.00074	.00180	.00537	.02675	.87750	7.9045
Stddev	.00004	.015	.00025	.00022	.00085	.01222	.00042	.0112
%RSD	45.059	.03089	33.512	12.351	15.887	45.693	.04796	.14170

#1	-.00006	49.188	-.00091	.00164	.00597	.03539	.87780	7.8966
#2	-.00012	49.209	-.00056	.00196	.00477	.01811	.87721	7.9124

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.00142	344.05	-.00102	.03579	.20627	.00080	.02041
Stddev	.00046	.00009	7.37	.00019	.00011	.01702	.00050	.00143
%RSD	237.58	6.3897	2.1423	18.774	.29533	8.2532	62.144	7.0034

#1	-.00052	-.00136	349.27	-.00116	.03586	.19423	.00116	.02142
#2	.00013	-.00149	338.84	-.00089	.03571	.21830	.00045	.01940

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16720	.58633	.00284	.00391	.12707	.0118	.15711	1.5488
Stddev	.00196	.00418	.00123	.00131	.01238	.0007	.00002	.0848
%RSD	1.1746	.71263	43.164	33.427	9.7415	5.811	.00960	5.4771

#1	.16859	.58928	.00371	.00483	.13582	.0113	.15712	1.4888
#2	.16581	.58338	.00198	.00299	.11831	.0123	.15709	1.6088

Sample Name: J4944-03 Acquired: 9/18/2018 0:52:34 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB48377RT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .29195
 %RSD 63.929

#1 -.66312
 #2 -.25024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.4	42814.	4348.2	105.93	2817.9
Stddev	9.2	257.	31.0	1.42	12.3
%RSD	.50719	.60020	.71375	1.3406	.43601

#1	1810.9	42632.	4326.3	104.92	2809.2
#2	1824.0	42995.	4370.2	106.93	2826.6

Sample Name: J4945-03 Acquired: 9/18/2018 0:56:45 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB47195RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	-.00082	-.00257	.00335	.00279	.02647	.02451	-.00000
Stddev	.00020	.00138	.00008	.00433	.00129	.01534	.00110	.00002
%RSD	12.217	167.79	3.2186	129.34	46.113	57.962	4.4934	544.37

#1	-.00152	-.00180	-.00251	.00642	.00370	.03732	.02373	.00001
#2	-.00181	.00015	-.00263	.00029	.00188	.01562	.02529	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.43801	.00001	.00027	.00530	.03040	.00787	.15930
Stddev	.00007	.01179	.00038	.00010	.00028	.00978	.00001	.02334
%RSD	75.088	2.6915	7497.0	35.515	5.3018	32.161	.13181	14.654

#1	-.00004	.42967	-.00026	.00034	.00550	.02349	.00788	.14280
#2	-.00013	.44635	.00027	.00020	.00510	.03732	.00786	.17581

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	-.00094	334.01	.00098	.02850	1.7734	.00102	-.00571
Stddev	.00002	.00039	2.26	.00046	.00033	.0024	.00033	.00207
%RSD	2.5975	41.654	.67568	46.675	1.1552	.13545	32.468	36.243

#1	-.00076	-.00067	332.41	.00130	.02827	1.7751	.00079	-.00718
#2	-.00078	-.00122	335.60	.00065	.02873	1.7717	.00126	-.00425

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11966	.04039	.00063	.00567	.09838	.1775	.00205	.05368
Stddev	.00038	.00468	.00062	.00038	.00720	.0004	.00003	.16590
%RSD	.31842	11.591	98.202	6.7578	7.3223	.2369	1.5022	309.05

#1	.11993	.03708	.00019	.00540	.09329	.1772	.00207	-.06363
#2	.11939	.04370	.00107	.00594	.10347	.1778	.00203	.17099

Sample Name: J4945-03 Acquired: 9/18/2018 0:56:45 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB47195RT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .24381
 Stddev .06646
 %RSD 27.259

#1 .19682
 #2 .29081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.2	43577.	4440.5	108.43	2905.1
Stddev	.4	50.	26.7	1.27	3.1
%RSD	.02075	.11452	.60222	1.1724	.10763

#1	1851.0	43542.	4459.4	109.33	2902.9
#2	1851.5	43612.	4421.6	107.53	2907.3

Sample Name: J4946-03 Acquired: 9/18/2018 1:00:57 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB12983RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00003	.01550	.00468	.00135	.12650	.12767	.00004
Stddev	.00452	.00155	.00129	.00030	.00002	.00705	.00025	.00000
%RSD	338.01	4617.8	8.3445	6.4022	1.6026	5.5744	.19806	3.5077

#1	.00453	-.00113	.01459	.00447	.00133	.13148	.12785	.00004
#2	-.00186	.00106	.01642	.00489	.00136	.12151	.12749	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	21.708	-.00083	.00658	.00995	1.9377	.92687	2.6417
Stddev	.00006	.053	.00024	.00023	.00026	.0225	.00355	.0290
%RSD	38.418	.24406	28.985	3.5009	2.6618	1.1625	.38316	1.0990

#1	.00011	21.671	-.00066	.00675	.00976	1.9536	.92938	2.6622
#2	.00019	21.746	-.00100	.00642	.01013	1.9217	.92436	2.6211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.00131	345.38	-.00050	.22156	.73058	.00057	.00424
Stddev	.00061	.00028	2.45	.00050	.00237	.02365	.00008	.00272
%RSD	25.558	21.443	.71072	98.945	1.0703	3.2370	14.367	64.067

#1	.00281	-.00151	347.11	-.00085	.22324	.74730	.00051	.00616
#2	.00195	-.00111	343.64	-.00015	.21988	.71386	.00063	.00232

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31402	.71923	.00033	.00413	.11152	.0234	.08125	.35563
Stddev	.00401	.00992	.00066	.00026	.00455	.0015	.00013	.72425
%RSD	1.2765	1.3798	200.00	6.1923	4.0796	6.316	.16449	203.65

#1	.31119	.72625	.00080	.00395	.11473	.0224	.08134	.86775
#2	.31686	.71221	-.00014	.00431	.10830	.0245	.08115	-.15649

Sample Name: J4946-03 Acquired: 9/18/2018 1:00:57 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB12983RT Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .15456
%RSD 189.29

#1 .02764
#2 -.19094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.9	43669.	4390.0	107.47	2864.5
Stddev	2.8	286.	46.9	1.28	11.4
%RSD	.15183	.65395	1.0685	1.1894	.39936

#1	1839.9	43467.	4356.9	106.56	2856.4
#2	1843.9	43871.	4423.2	108.37	2872.5

Sample Name: J4947-03 Acquired: 9/18/2018 1:05:06 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 97-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.00012	.00424	.00334	.00089	.22948	.08094	.00001
Stddev	.00187	.00169	.00015	.00044	.00191	.00656	.00013	.00001
%RSD	823.68	1363.4	3.5104	13.062	213.88	2.8573	.16215	116.79

#1	.00109	-.00132	.00414	.00365	-.00046	.23411	.08084	.00000
#2	-.00155	.00107	.00435	.00303	.00224	.22484	.08103	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	17.938	.00130	.00077	.00531	.18534	.18132	4.3555
Stddev	.00000	.026	.00015	.00009	.00008	.00597	.00046	.0298
%RSD	3.5121	.14706	11.380	11.082	1.5222	3.2207	.25227	.68516

#1	-.00011	17.919	.00120	.00071	.00526	.18112	.18099	4.3766
#2	-.00011	17.956	.00141	.00083	.00537	.18956	.18164	4.3344

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00143	285.10	.00129	.05737	2.2150	.00027	.00710
Stddev	.00041	.00034	2.34	.00061	.00042	.0159	.00004	.00685
%RSD	349.18	23.695	.82147	47.153	.73618	.71875	14.625	96.474

#1	-.00017	-.00167	283.45	.00086	.05708	2.2038	.00024	.00226
#2	.00041	-.00119	286.76	.00172	.05767	2.2263	.00029	.01194

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33509	.82633	.00078	.01087	.11778	.6119	.07307	<.00000
Stddev	.00139	.00364	.00004	.00092	.01488	.0067	.00029	.17124
%RSD	.41475	.44095	5.6378	8.4614	12.636	1.087	.39172	45.196

#1	.33411	.82375	.00081	.01022	.10726	.6072	.07286	-.49996
#2	.33607	.82891	.00075	.01152	.12831	.6166	.07327	-.25779

Sample Name: J4947-03 Acquired: 9/18/2018 1:05:06 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 97-20 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .15249
 %RSD 28.203

#1 -.43285
 #2 -.64849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.9	44544.	4544.1	111.28	2923.4
Stddev	13.5	37.	20.0	.81	20.8
%RSD	.72046	.08245	.44045	.72546	.71183

#1	1879.4	44570.	4558.3	111.85	2938.1
#2	1860.3	44518.	4530.0	110.71	2908.7

Sample Name: J4948-03 Acquired: 9/18/2018 1:09:17 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB44766RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00018	.00040	.00078	.00372	.17559	.10784	.00014
Stddev	.00003	.00125	.00044	.00029	.00137	.00977	.00096	.00009
%RSD	12.911	688.67	111.66	36.779	36.941	5.5621	.88670	61.443

#1	-.00028	.00070	.00008	.00057	.00469	.18249	.10852	.00020
#2	-.00023	-.00106	.00071	.00098	.00274	.16868	.10717	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	5.3333	.00031	.00118	.01126	.15538	.18804	.92181
Stddev	.00002	.0491	.00020	.00022	.00021	.00071	.00008	.06761
%RSD	24.194	.91988	65.433	19.083	1.8487	.45692	.04500	7.3342

#1	-.00007	5.2986	.00017	.00134	.01141	.15588	.18798	.87400
#2	-.00010	5.3680	.00046	.00102	.01111	.15488	.18810	.96961

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00140	344.99	.00018	.05635	.35257	.00074	.00119
Stddev	.00022	.00052	3.00	.00002	.00028	.00449	.00025	.00242
%RSD	376.27	36.841	.86994	11.369	.50492	1.2725	33.228	203.52

#1	-.00021	-.00177	342.87	.00020	.05655	.35574	.00057	-.00052
#2	.00010	-.00104	347.11	.00017	.05615	.34939	.00092	.00290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26393	.58386	.00082	.00797	.11072	.0181	.03339	.01606
Stddev	.00548	.00296	.00080	.00005	.00226	.0003	.00009	.19107
%RSD	2.0749	.50653	97.226	.62873	2.0433	1.773	.26174	1189.4

#1	.26005	.58177	.00026	.00801	.10913	.0184	.03333	.15117
#2	.26780	.58596	.00139	.00794	.11232	.0179	.03345	-.11904

Sample Name: J4948-03 Acquired: 9/18/2018 1:09:17 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB44766RT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .36311
 Stddev .21015
 %RSD 57.875

#1 .21451
 #2 .51171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.4	43328.	4384.0	106.02	2861.9
Stddev	4.0	75.	.0	.35	2.7
%RSD	.21771	.17385	.00007	.33246	.09438

#1	1840.2	43275.	4384.0	105.77	2860.0
#2	1834.6	43382.	4384.0	106.27	2863.8

Sample Name: J4949-03 Acquired: 9/18/2018 1:13:29 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 153 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00397	-.00019	.02436	.00229	.00221	.62777	.18576	.00012
Stddev	.00236	.00114	.00043	.00168	.00015	.01278	.00040	.00001
%RSD	59.561	603.01	1.7448	73.470	7.0108	2.0352	.21651	8.2230

#1	-.00230	-.00099	.02406	.00348	.00210	.61873	.18547	.00013
#2	-.00564	.00062	.02466	.00110	.00232	.63680	.18604	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	14.446	.00032	.00095	.00834	.46775	.15993	2.5217
Stddev	.00004	.116	.00057	.00005	.00019	.01358	.00153	.0011
%RSD	4.9194	.80135	179.40	5.5994	2.3184	2.9027	.95867	.04457

#1	.00085	14.364	-.00009	.00098	.00848	.47735	.15884	2.5209
#2	.00091	14.528	.00072	.00091	.00820	.45815	.16101	2.5225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00140	-.00115	377.05	.00128	.07165	.80815	.00055	.02112
Stddev	.00010	.00024	4.13	.00058	.00057	.03236	.00017	.00643
%RSD	7.0275	20.600	1.0950	45.190	.78876	4.0044	30.836	30.419

#1	-.00133	-.00099	374.13	.00169	.07205	.83103	.00043	.02567
#2	-.00147	-.00132	379.97	.00087	.07125	.78527	.00066	.01658

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23795	1.3433	-.00025	.02472	.10282	.0570	.06892	.45285
Stddev	.00386	.0190	.00093	.00059	.00041	.0023	.00002	.69992
%RSD	1.6237	1.4159	376.66	2.3947	.39406	4.051	.02274	154.56

#1	.24068	1.3299	.00041	.02430	.10310	.0554	.06893	.94776
#2	.23522	1.3568	-.00091	.02514	.10253	.0586	.06891	-.04207

Sample Name: J4949-03 Acquired: 9/18/2018 1:13:29 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 153 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .04846
%RSD 61.164

#1 -.11349
#2 -.04496

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.2	43496.	4477.3	109.70	2867.3
Stddev	.4	42.	28.4	.70	.7
%RSD	.02196	.09753	.63460	.63777	.02576

#1	1863.9	43526.	4497.4	109.20	2866.7
#2	1864.5	43466.	4457.2	110.19	2867.8

Sample Name: J4950-03 Acquired: 9/18/2018 1:17:38 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RB32734RT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00017	-.00099	.00316	.00282	.18523	.11775	.00001
Stddev	.00391	.00094	.00028	.00114	.00234	.00353	.00029	.00004
%RSD	1032.3	559.14	28.085	36.025	82.997	1.9053	.24315	259.56

#1	.00238	-.00084	-.00118	.00236	.00447	.18274	.11754	-.00001
#2	-.00314	.00050	-.00079	.00397	.00116	.18773	.11795	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	7.8703	-.00008	.00110	.02437	.11620	.23001	.85506
Stddev	.00007	.0140	.00014	.00020	.00012	.01278	.00103	.04358
%RSD	92.189	.17764	169.22	18.314	.50131	11.002	.44978	5.0972

#1	-.00003	7.8802	.00002	.00124	.02445	.10716	.22928	.82424
#2	-.00013	7.8604	-.00018	.00096	.02428	.12524	.23074	.88588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00117	347.34	-.00006	.04334	.15912	.00056	.00476
Stddev	.00037	.00026	3.18	.00029	.00087	.05875	.00001	.00691
%RSD	294.89	22.097	.91496	458.75	2.0161	36.920	2.1852	145.12

#1	-.00013	-.00136	349.59	.00014	.04272	.20066	.00055	.00965
#2	.00038	-.00099	345.10	-.00027	.04396	.11758	.00057	-.00012

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33394	.66003	.00013	.00568	.11916	.0136	.04032	.12118
Stddev	.00411	.00971	.00058	.00022	.00965	.0010	.00018	.14074
%RSD	1.2322	1.4717	448.04	3.7981	8.0965	7.507	.45366	116.14

#1	.33103	.66690	.00054	.00553	.11233	.0129	.04045	.02167
#2	.33685	.65316	-.00028	.00584	.12598	.0144	.04019	.22070

Sample Name: J4950-03 Acquired: 9/18/2018 1:17:38 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB32734RT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .11913
 %RSD 52.933

#1 -.30930
 #2 -.14082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.0	43556.	4395.1	107.33	2877.4
Stddev	3.4	92.	29.2	1.81	3.8
%RSD	.18291	.21129	.66416	1.6874	.13063

#1	1839.6	43621.	4374.5	108.61	2874.7
#2	1844.4	43491.	4415.8	106.05	2880.0

Sample Name: J4951-03 Acquired: 9/18/2018 1:21:50 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB48380RT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00047	.00142	.00503	.00089	.06038	.11042
Stddev	.00467	.00022	.00174	.00244	.00007	.00090	.00069
%RSD	119.36	47.044	122.02	48.482	8.3519	1.4859	.62756

#1	.00722	-.00062	.00020	.00331	.00084	.05975	.10993
#2	.00061	-.00031	.00265	.00676	.00095	.06102	.11091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00031	157.81	.00056	.00053	.00479	-.01026
Stddev	.00002	.00008	.17	.00039	.00001	.00047	.01209
%RSD	80.125	25.093	.10588	69.405	2.2829	9.8385	117.81

#1	-.00004	.00036	157.93	.00084	.00052	.00512	-.01881
#2	-.00001	.00025	157.70	.00029	.00054	.00445	-.00171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10402	2.8752	-.00135	-.00097	327.68	.00124	.04649
Stddev	.00052	.0185	.00028	.00073	2.55	.00073	.00046
%RSD	.49684	.64208	20.674	74.907	.77959	58.986	.98834

#1	.10365	2.8882	-.00155	-.00149	329.49	.00073	.04682
#2	.10438	2.8621	-.00115	-.00046	325.87	.00176	.04617

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7167	.00088	.00861	4.9495	3.0694	-.00038	.00175
Stddev	.0202	.00041	.01765	.0046	.0352	.00008	.00124
%RSD	.42764	46.727	205.07	.09376	1.1482	20.492	70.778

#1	4.7024	.00059	-.00387	4.9528	3.0943	-.00033	.00087
#2	4.7309	.00117	.02109	4.9462	3.0445	-.00044	.00262

Sample Name: J4951-03 Acquired: 9/18/2018 1:21:50 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RB48380RT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14410	.0468	.86945	4.3817	F<.00000
Stddev	.00230	.0018	.00079	.4017	.07185
%RSD	1.5973	3.785	.09085	9.1682	4.9657

#1	.14248	.0480	.87000	4.6658	-1.4977
#2	.14573	.0455	.86889	4.0977	-1.3961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.7	42552.	4349.6	106.53	2768.1
Stddev	4.3	20.	32.7	1.34	12.0
%RSD	.23957	.04804	.75254	1.2583	.43438

#1	1786.7	42566.	4326.4	105.58	2759.6
#2	1792.7	42537.	4372.7	107.47	2776.6

Sample Name: J4952-03 Acquired: 9/18/2018 1:25:59 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2015-161-20- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00359	.00157	-.00148	.00363	.00161	.08089	.08209	.00004
Stddev	.00220	.00105	.00054	.00261	.00044	.00701	.00016	.00004
%RSD	61.392	66.688	36.643	71.899	27.302	8.6710	.20009	120.61

#1	-.00515	.00231	-.00110	.00178	.00193	.07593	.08221	.00001
#2	-.00203	.00083	-.00186	.00547	.00130	.08585	.08197	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	8.1860	-.00016	.00107	.00660	.03200	.18830	1.5874
Stddev	.00008	.0043	.00044	.00009	.00041	.00675	.00054	.0557
%RSD	43.207	.05262	270.54	8.6147	6.2841	21.103	.28598	3.5102

#1	-.00013	8.1829	-.00047	.00101	.00690	.02723	.18792	1.5480
#2	-.00025	8.1890	.00015	.00114	.00631	.03678	.18868	1.6268

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00080	363.34	.00093	.02331	.19197	.00058	-.00045
Stddev	.00021	.00025	4.72	.00041	.00015	.01379	.00011	.00289
%RSD	20.153	31.251	1.3003	43.805	.62816	7.1810	19.606	641.70

#1	-.00090	-.00098	366.68	.00064	.02321	.20171	.00050	.00159
#2	-.00120	-.00062	359.99	.00122	.02342	.18222	.00066	-.00249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52664	.53928	.00105	.00501	.10269	.0121	.03542	.13848
Stddev	.00145	.00545	.00061	.00047	.00443	.0010	.00012	.19350
%RSD	.27572	1.0099	58.459	9.4190	4.3137	7.897	.34885	139.73

#1	.52766	.54313	.00061	.00468	.09956	.0115	.03533	.00165
#2	.52561	.53543	.00148	.00535	.10583	.0128	.03551	.27530

Sample Name: J4952-03 Acquired: 9/18/2018 1:25:59 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2015-161-20- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.55893
%RSD	600.46

#1	-.48831
#2	.30214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.4	43578.	4453.6	110.29	2883.0
Stddev	.7	130.	27.0	.06	8.8
%RSD	.04050	.29781	.60572	.05148	.30496

#1	1848.9	43486.	4434.5	110.25	2889.2
#2	1847.8	43670.	4472.7	110.33	2876.7

Sample Name: CCV15 Acquired: 9/18/2018 1:30:10 Type: Unk
Method: P4-ICP2(v2435) 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	5.0071	5.3645	4.8672	5.0587	5.1342	10.479	10.619
Stddev	.0028	.0051	.0061	.0273	.0112	.080	.016
%RSD	.05578	.09518	.12477	.54011	.21736	.76391	.15362

#1	5.0091	5.3681	4.8629	5.0780	5.1421	10.536	10.607
#2	5.0052	5.3609	4.8715	5.0394	5.1263	10.422	10.630

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25892	2.4812	25.931	1.0318	2.5464	1.2632	4.9872
Stddev	.00037	.0019	.237	.0051	.0018	.0037	.0222
%RSD	.14103	.07743	.91469	.49722	.07047	.29400	.44469

#1	.25918	2.4826	25.764	1.0354	2.5477	1.2658	4.9716
#2	.25866	2.4799	26.099	1.0282	2.5451	1.2606	5.0029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5936	25.398	2.3596	1.2382	27.123	2.5624	2.6466
Stddev	.0006	.163	.0042	.0030	.156	.0061	.0093
%RSD	.02299	.64258	.17869	.24408	.57573	.23734	.35007

#1	2.5932	25.282	2.3626	1.2404	27.013	2.5667	2.6401
#2	2.5940	25.513	2.3566	1.2361	27.234	2.5581	2.6532

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.203	4.9870	5.3783	4.9154	F 5.6021	4.7913	5.0412
Stddev	.014	.0082	.0241	.0076	.0366	.0086	.0214
%RSD	.05457	.16433	.44732	.15425	.65319	.17965	.42476

#1	26.193	4.9928	5.3613	4.9207	5.5762	4.7974	5.0260
#2	26.213	4.9812	5.3953	4.9100	5.6279	4.7852	5.0563

Sample Name: CCV15 Acquired: 9/18/2018 1:30:10 Type: Unk
 Method: P4-ICP2(v2435) 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	5.1282	4.916	F 6.0888	F<.00000	F<.00000
Stddev	.0179	.001	.0063	.16962	1.2022
%RSD	.34915	.0196	.10310	17.197	184.03

#1	5.1155	4.917	6.0843	-.86642	-1.5033
#2	5.1408	4.915	6.0932	-1.1063	.19682

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.9	45856.	4463.5	106.69	3064.8
Stddev	6.8	108.	25.7	.26	8.7
%RSD	.34332	.23495	.57608	.24163	.28545

#1	1963.2	45780.	4481.7	106.87	3058.6
#2	1972.7	45932.	4445.3	106.51	3071.0

Sample Name: CCB15 Acquired: 9/18/2018 1:33:57 Type: Unk
Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7457 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	.00344	F -.01148	-.00098	-.00085	-.01768	-.00215
Stddev	.00063	.00006	.00025	.00028	.00005	.00077	.00013
%RSD	40.996	1.6394	2.1851	28.952	6.1632	4.3609	6.0891

#1	.00198	.00348	-.01130	-.00118	-.00088	-.01822	-.00224
#2	.00109	.00340	-.01166	-.00078	-.00081	-.01713	-.00205

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00010	-.05782	-.00074	.00003	-.00091	.01071
Stddev	.00003	.00004	.00465	.00000	.00008	.00010	.00263
%RSD	28.339	40.760	8.0370	.49569	294.99	10.730	24.519

#1	.00009	-.00007	-.05453	-.00075	.00009	-.00098	.01257
#2	.00014	-.00013	-.06110	-.00074	-.00003	-.00084	.00885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01083	.00624	-.00039	-.16280	.00008	-.00097
Stddev	.00005	.01154	.00013	.00004	.00055	.00009	.00002
%RSD	86.087	106.53	2.1067	10.055	.33511	112.44	1.5661

#1	-.00010	-.00267	.00614	-.00036	-.16241	.00002	-.00098
#2	-.00002	-.01899	.00633	-.00042	-.16318	.00015	-.00096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.31645	-.00005	-.00782	F -.01172	-.03283	-.00510	.00482
Stddev	.03513	.00005	.00158	.00095	.00130	.00048	.00039
%RSD	11.102	117.05	20.219	8.0794	3.9750	9.3501	8.0009

#1	-.29161	-.00001	-.00894	-.01239	-.03191	-.00477	.00455
#2	-.34129	-.00008	-.00670	-.01105	-.03375	-.00544	.00510

Sample Name: CCB15 Acquired: 9/18/2018 1:33:57 Type: Unk
 Method: P4-ICP2(v2435) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7457 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02836	-.0018	-.00052	F<.00000	F<.00000
Stddev	.00123	.0002	.00000	5.5353	.77540
%RSD	4.3254	13.21	.30168	6.2411	7.7758

#1	.02749	-.0020	-.00052	-84.778	-10.520
#2	.02923	-.0016	-.00052	-92.606	-9.4236

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6573.0	140270.	8515.5	222.92	11448.
Stddev	166.0	4022.	119.5	4.22	295.
%RSD	2.5253	2.8675	1.4032	1.8924	2.5775

#1	6455.7	137420.	8599.9	225.90	11239.
#2	6690.4	143110.	8431.0	219.93	11656.