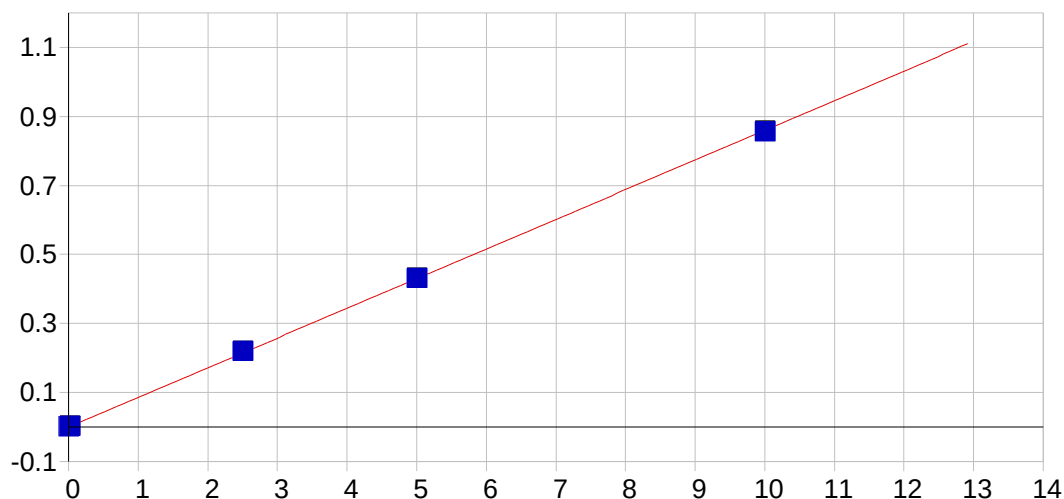


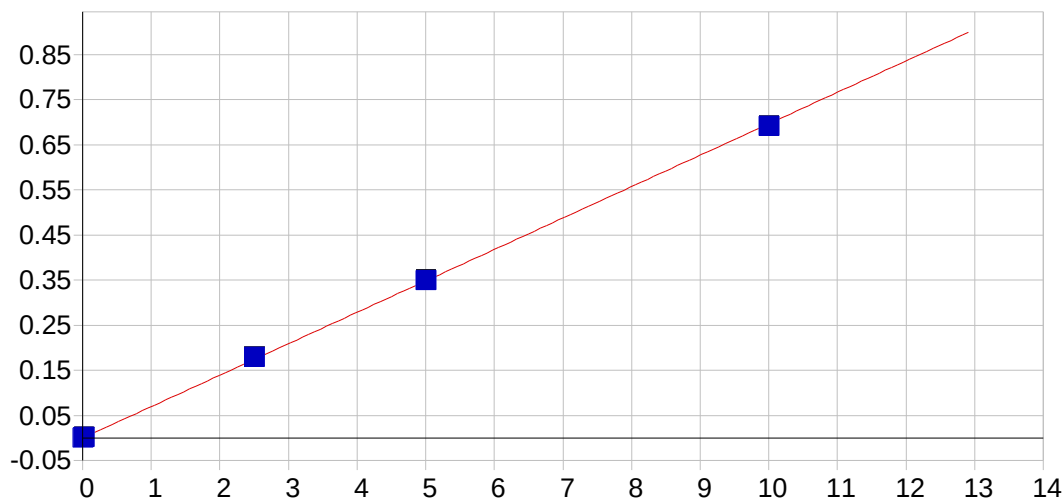


As 189.042 {478}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.085985 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003843
 Predicted MQL: 0.012811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.02000	.02251	.003	12.5	.00179	.000	1
S3	2.5000	2.5452	.045	1.81	.21869	.001	1
S4	5.0000	5.0006	.001	.013	.42980	.000	1
S5	10.000	9.9517	-.048	-.483	.85549	.001	1



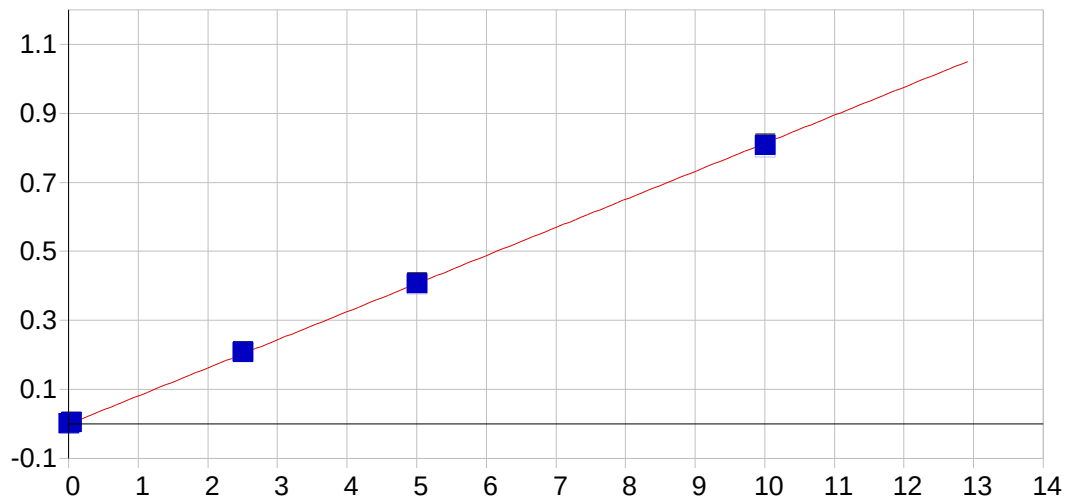
As 189.042 {479}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000199 Re-Slope: 1.000000

A1 (Gain): 0.069694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003448
 Predicted MQL: 0.011493

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.02000	.02400	.004	20.0	.00147	.000	1
S3	2.5000	2.5713	.071	2.85	.17900	.000	1
S4	5.0000	5.0013	.001	.027	.34834	.001	1
S5	10.000	9.9233	-.077	-.767	.69135	.001	1

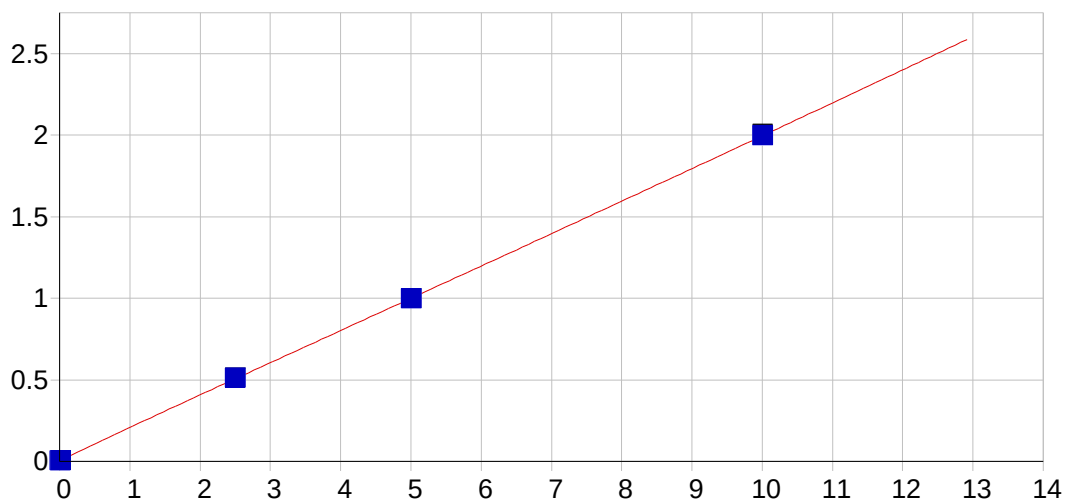


TI 190.856 {477}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000216 Re-Slope: 1.000000
 A1 (Gain): 0.081344 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002008
 Predicted MQL: 0.006693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00022	.000	1
S1	.04000	.04839	.008	21.0	.00364	.000	1
S3	2.5000	2.5606	.061	2.42	.20599	.000	1
S4	5.0000	5.0020	.002	.040	.40250	.001	1
S5	10.000	9.9292	-.071	-.708	.79912	.002	1

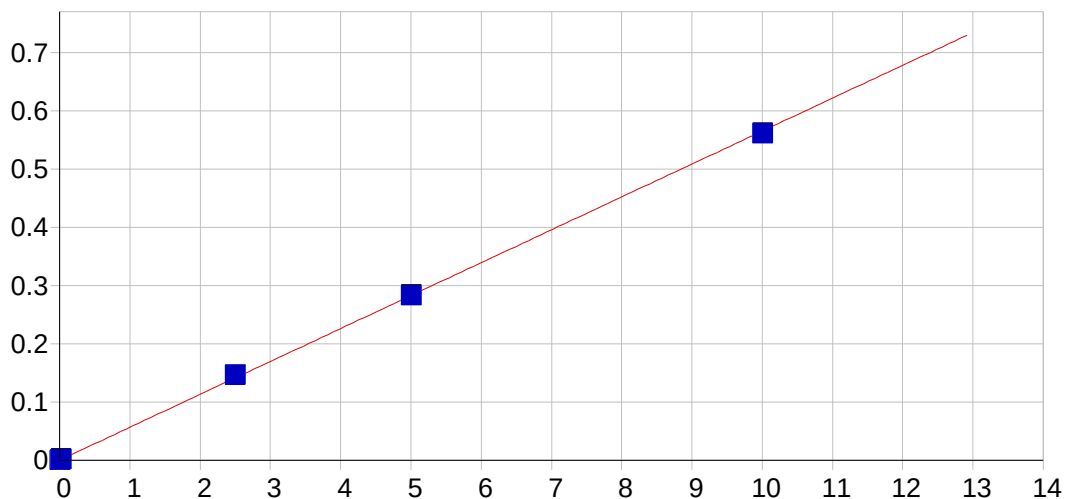


Pb 220.353 {453}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.002791 Re-Slope: 1.000000
A1 (Gain): 0.204717 Y-int: 0.000000
A2 (Curvature): 0.000941
n (Exponent): 0.970000
Correlation: 0.999993 Status: Warning Positive Curvature
Std Error of Est: 0.000023
Predicted MDL: 0.001249
Predicted MQL: 0.004163

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00279	.000	1
S1	.01200	.01102	-.001	-8.13	.00533	.000	1
S3	2.5000	2.5130	.013	.518	.50824	.001	1
S4	5.0000	4.9827	-.017	-.345	.99489	.002	1
S5	10.000	10.005	.005	.054	1.9940	.007	1



Se 196.090 {472}

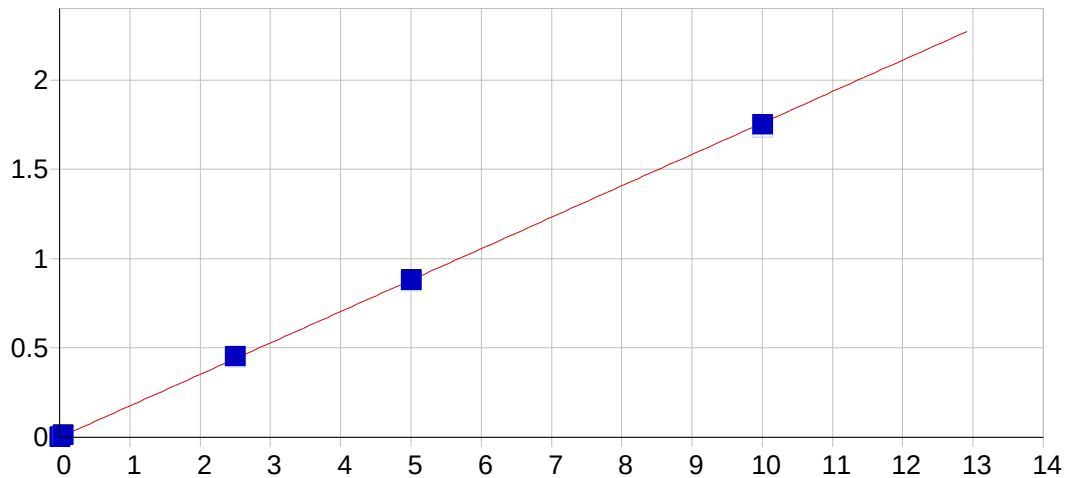
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000245 Re-Slope: 1.000000
A1 (Gain): 0.056478 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000017
 Predicted MDL: 0.004654
 Predicted MQL: 0.015512

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.02000	.02000	-.000	-.021	.00138	.000	1
S3	2.5000	2.5745	.074	2.98	.14565	.000	1
S4	5.0000	5.0033	.003	.066	.28283	.001	1
S5	10.000	9.9222	-.078	-.778	.56066	.000	1



Sb 206.833 {463}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

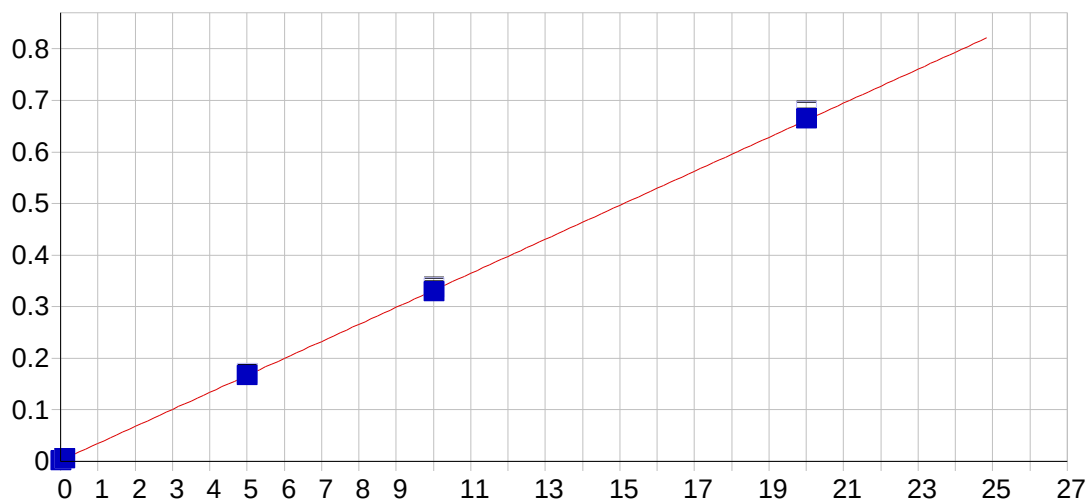
Weighting: 1/Conc

A0 (Offset): 0.000323
 A1 (Gain): 0.175881
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000074
 Predicted MDL: 0.002086
 Predicted MQL: 0.006952

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	.00032	.000	1
S1	.05000	.05481	.005	9.62	.00974	.000	1
S3	2.5000	2.5578	.058	2.31	.44525	.001	1
S4	5.0000	4.9960	-.004	-.080	.86913	.001	1
S5	10.000	9.9415	-.059	-.585	1.7291	.001	1

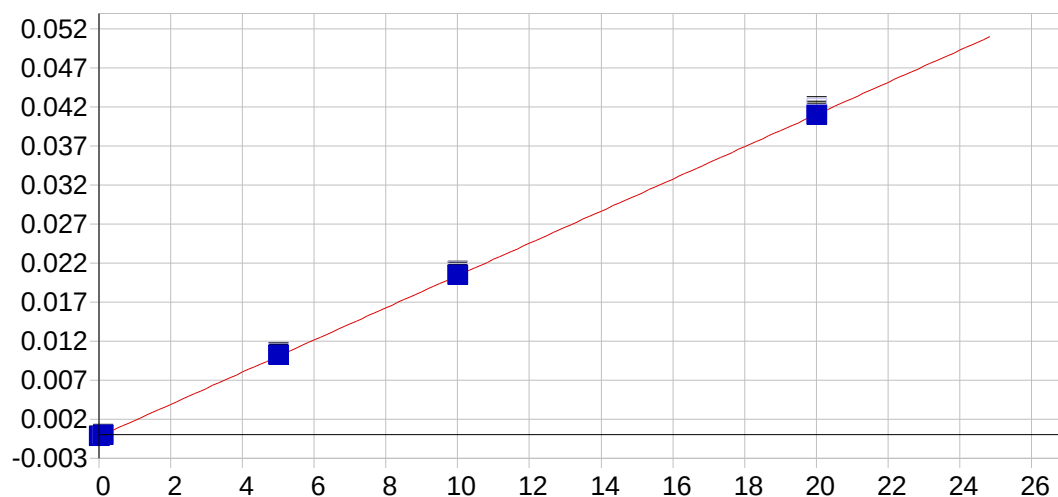


AI 308.215 {109}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001688 Re-Slope: 1.000000
 A1 (Gain): 0.032996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003476
 Predicted MQL: 0.011587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00169	.000	1
S1	.10000	.10083	.001	.825	.00524	.000	1
S3	5.0000	4.9938	-.006	-.124	.16975	.000	1
S4	10.000	9.9298	-.070	-.702	.33590	.001	1
S5	20.000	20.076	.076	.378	.67723	.001	1



AI 309.271 {109}

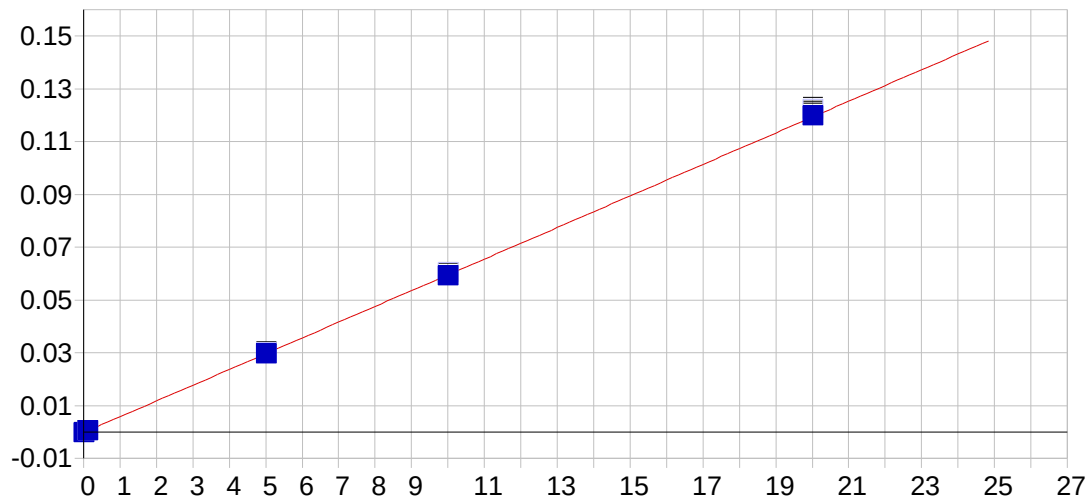
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.002063 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000002
 Predicted MDL: 0.032796
 Predicted MQL: 0.109322

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00021	.000	1
S1	.10000	.07746	-.023	-22.5	-.00004	.000	1
S3	5.0000	5.0690	.069	1.38	.01045	.000	1
S4	10.000	10.013	.013	.129	.02085	.000	1
S5	20.000	19.942	-.058	-.291	.04175	.000	1



AI 396.152 { 85}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

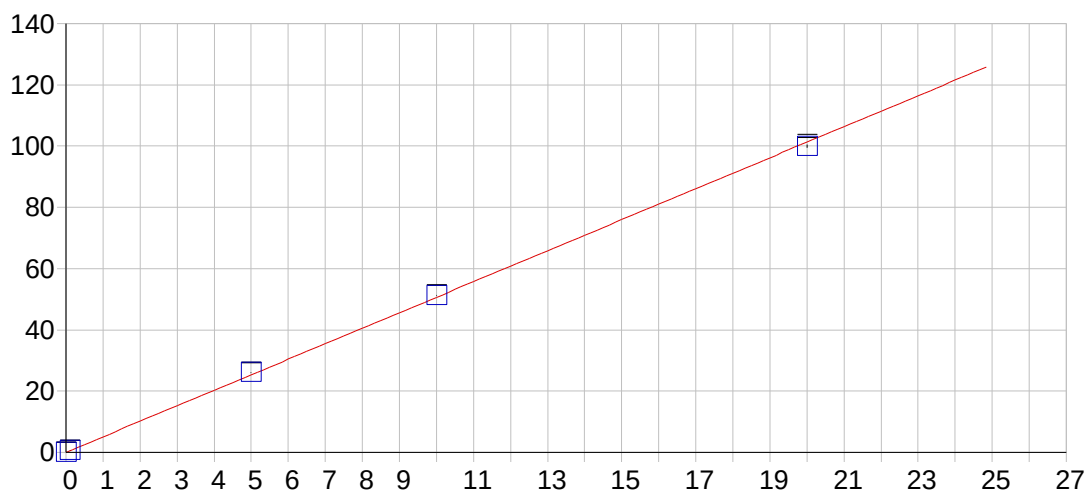
Weighting: 1/Conc

A0 (Offset): -0.000245
 A1 (Gain): 0.005977
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000003
 Predicted MDL: 0.016804
 Predicted MQL: 0.056013

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.10000	.10485	.005	4.85	.00042	.000	1
S3	5.0000	4.9822	-.018	-.357	.03013	.000	1
S4	10.000	9.9230	-.077	-.770	.06025	.000	1
S5	20.000	20.090	.090	.449	.12220	.001	1

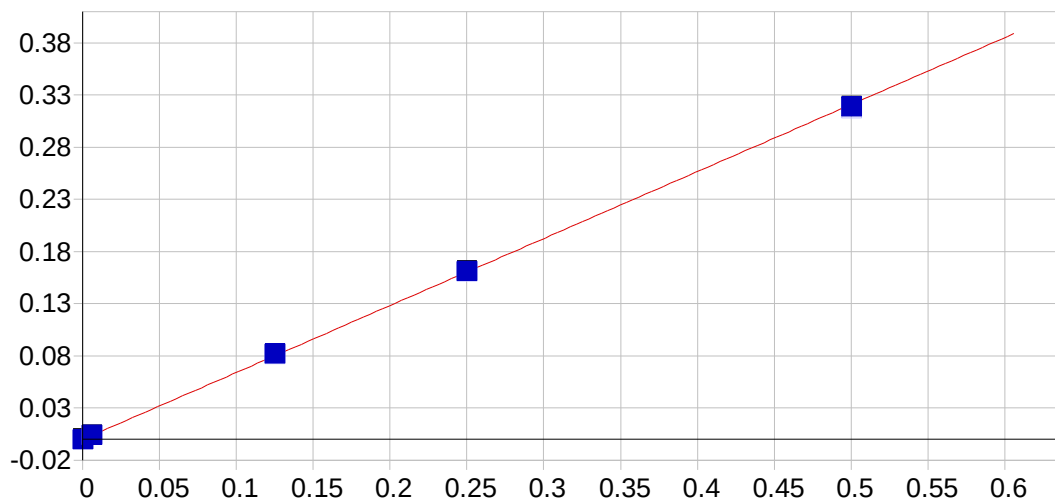


Ba 493.409 { 68}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.037959 Re-Slope: 1.000000
 A1 (Gain): 5.061756 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.006290
 Predicted MDL: 0.000738
 Predicted MQL: 0.002459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03789	.000	1
S1	.10000	.11067	.011	10.7	.59813	.004	1
S3	5.0000	5.1351	.135	2.70	26.031	.061	1
S5	20.000	19.744	-.256	-1.28	99.978	.514	1
S4	10.000	10.110	.110	1.10	51.213	.097	1



Be 234.861 {144}

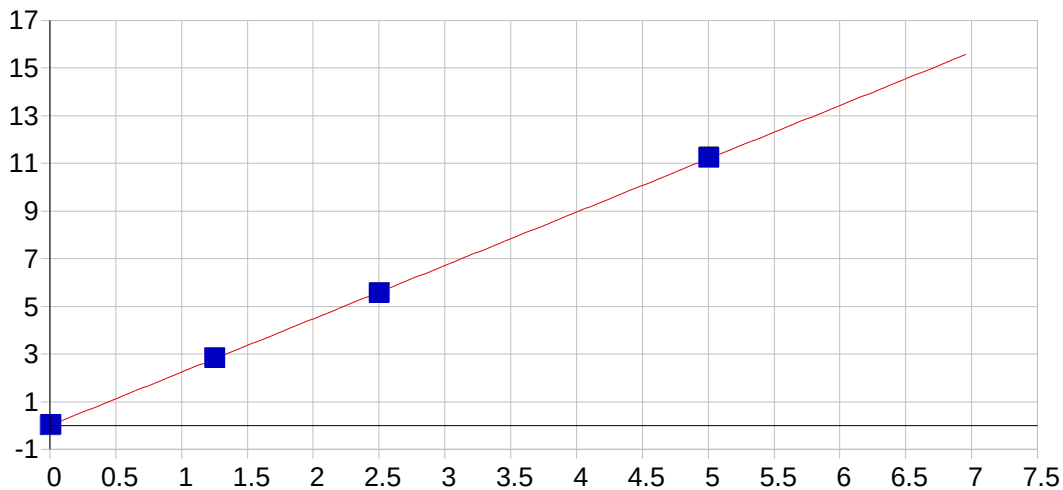
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.642079 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944
 Std Error of Est: 0.000020
 Predicted MDL: 0.000095
 Predicted MQL: 0.000317

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	.00623	.000	3.80	.00388	.000	1
S3	.12500	.12765	.003	2.12	.08138	.000	1
S4	.25000	.25095	.001	.382	.16004	.001	1
S5	.50000	.49617	-.004	-.767	.31648	.001	1



Cd 226.502 {449}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

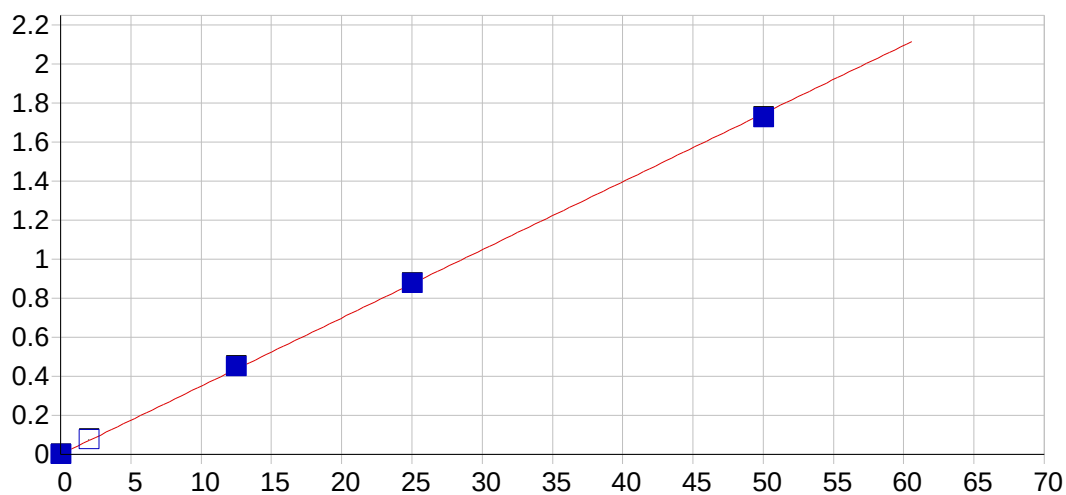
Weighting: 1/Conc

A0 (Offset): -0.000897
 A1 (Gain): 2.238724
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000107
 Predicted MDL: 0.000134
 Predicted MQL: 0.000448

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	-.00090	.000	1
S1	.00600	.00615	.000	2.51	.01290	.000	1
S3	1.2500	1.2522	.002	.173	2.8030	.000	1
S4	2.5000	2.4801	-.020	-.796	5.5527	.009	1
S5	5.0000	5.0176	.018	.352	11.235	.023	1

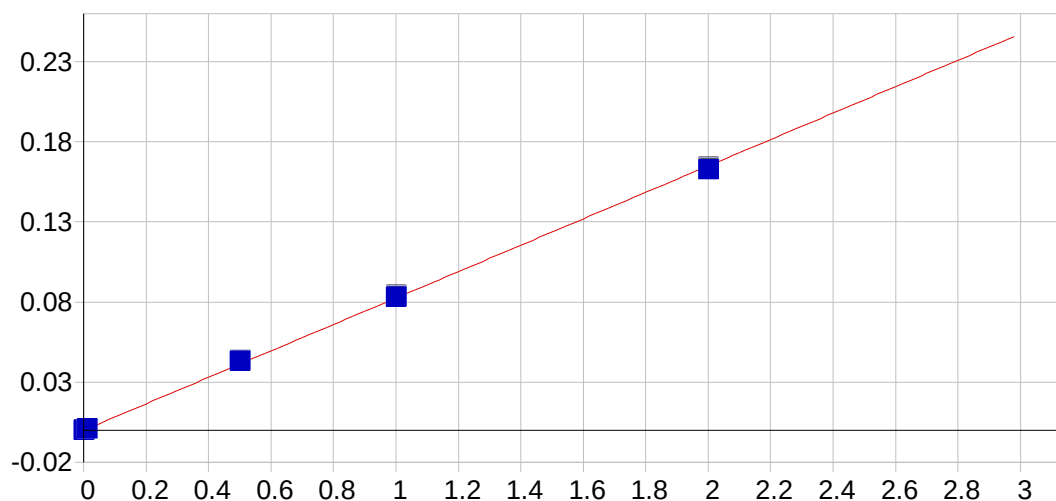


Ca 373.690 { 90}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000617 Re-Slope: 1.000000
 A1 (Gain): 0.034918 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000382
 Predicted MDL: 0.023716
 Predicted MQL: 0.079054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1873	.187	9.37	.07699	.000	1
S0	.00000	-.00023	-.000	.000	.00061	.000	1
S3	12.500	12.871	.371	2.97	.45029	.001	1
S4	25.000	25.046	.046	.184	.87563	.004	1
S5	50.000	49.395	-.605	-1.21	1.7263	.002	1



Cr 267.716 {126}

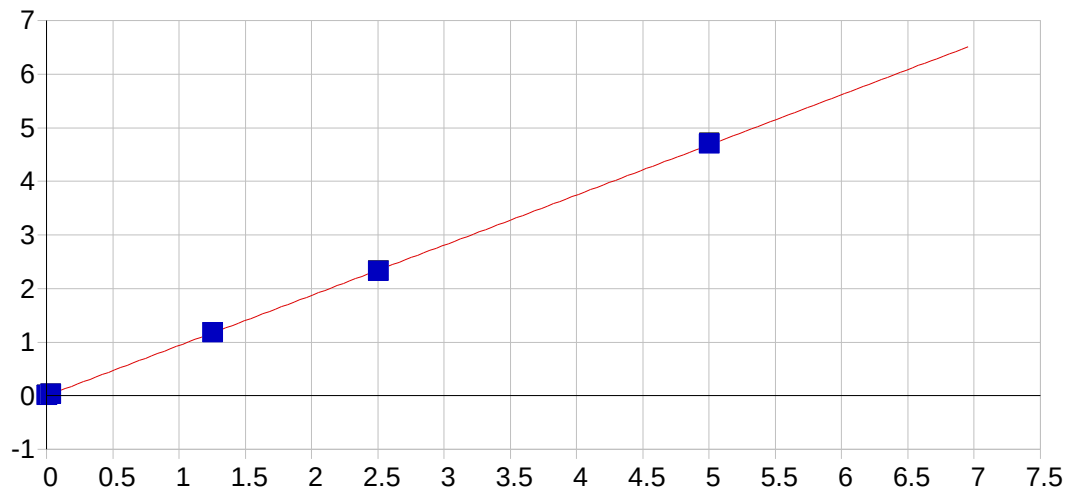
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.082474 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801
 Std Error of Est: 0.000013
 Predicted MDL: 0.000778
 Predicted MQL: 0.002593

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01039	.000	3.92	.00087	.000	1
S3	.50000	.52159	.022	4.32	.04334	.000	1
S4	1.0000	1.0071	.007	.705	.08368	.001	1
S5	2.0000	1.9710	-.029	-1.45	.16379	.000	1



Co 228.616 {447}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

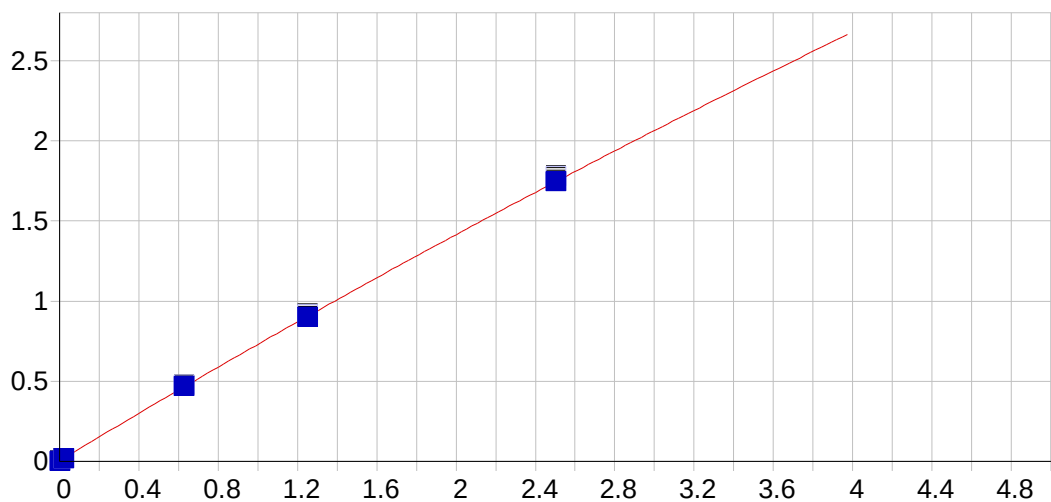
Weighting: 1/Conc

A0 (Offset): -0.000301
 A1 (Gain): 0.935950
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000149
 Predicted MDL: 0.000293
 Predicted MQL: 0.000975

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	-.00030	.000	1
S1	.03000	.03289	.003	9.64	.03030	.000	1
S3	1.2500	1.2536	.004	.291	1.1740	.003	1
S4	2.5000	2.4790	-.021	-.839	2.3218	.004	1
S5	5.0000	5.0145	.014	.289	4.6967	.012	1

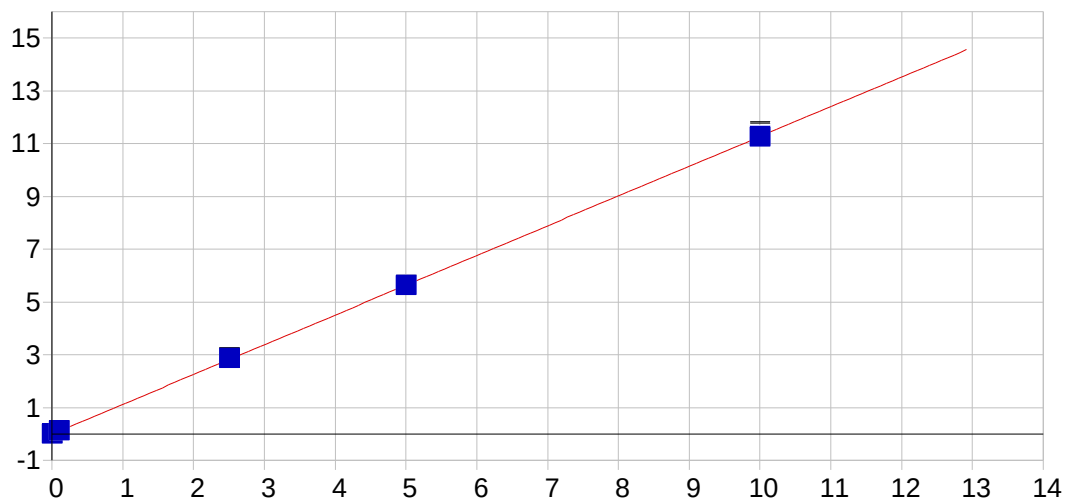


Cu 224.700 {450}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001496 Re-Slope: 1.000000
 A1 (Gain): 0.745712 Y-int: 0.000000
 A2 (Curvature): -0.016994
 n (Exponent): 0.990000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.000584
 Predicted MQL: 0.001946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00150	.000	1
S1	.02000	.01976	-.000	-1.20	.01705	.001	1
S3	.62500	.62992	.005	.787	.47432	.001	1
S4	1.2500	1.2428	-.007	-.574	.91558	.002	1
S5	2.5000	2.5025	.002	.100	1.7770	.006	1



Fe 240.488 {140}

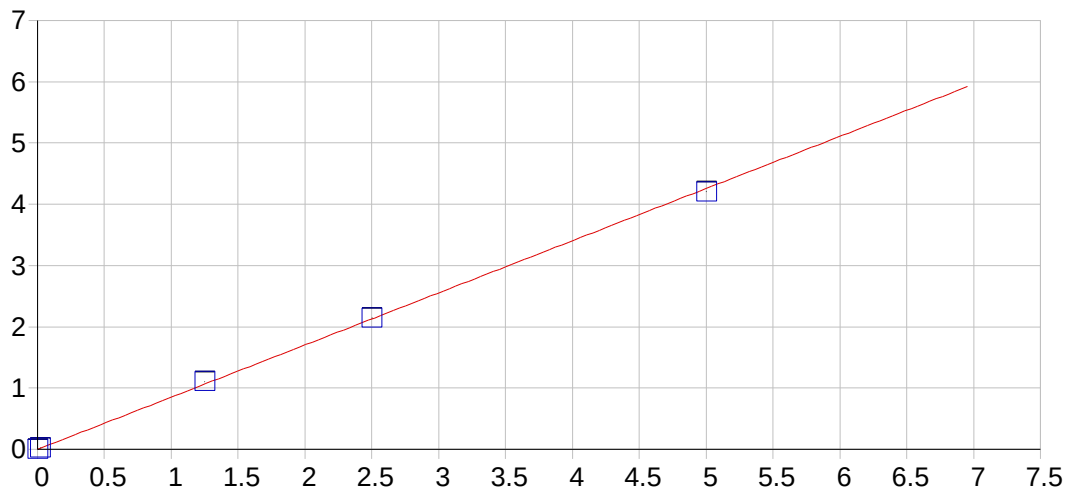
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007222 Re-Slope: 1.000000
 A1 (Gain): 1.127878 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000525
 Predicted MDL: 0.010836
 Predicted MQL: 0.036121

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00723	.006	1
S1	.10000	.10831	.008	8.31	.11549	.004	1
S3	2.5000	2.5349	.035	1.40	2.8660	.017	1
S4	5.0000	4.9837	-.016	-.325	5.6422	.014	1
S5	10.000	9.9731	-.027	-.269	11.298	.154	1



Mn 257.610 {131}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

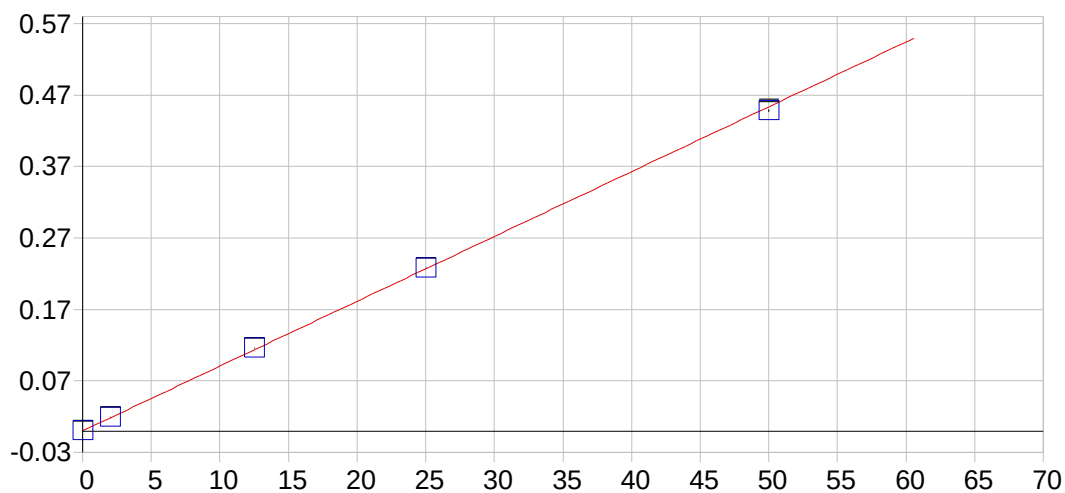
Weighting: 1/Conc

A0 (Offset): 0.000216
 A1 (Gain): 0.851428
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827
 Std Error of Est: 0.000270
 Predicted MDL: 0.000085
 Predicted MQL: 0.000284

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	.00021	.000	1
S1	.02000	.02268	.003	13.4	.01953	.000	1
S3	1.2500	1.2949	.045	3.59	1.1028	.001	1
S4	2.5000	2.5195	.020	.781	2.1454	.002	1
S5	5.0000	4.9329	-.067	-1.34	4.2002	.005	1

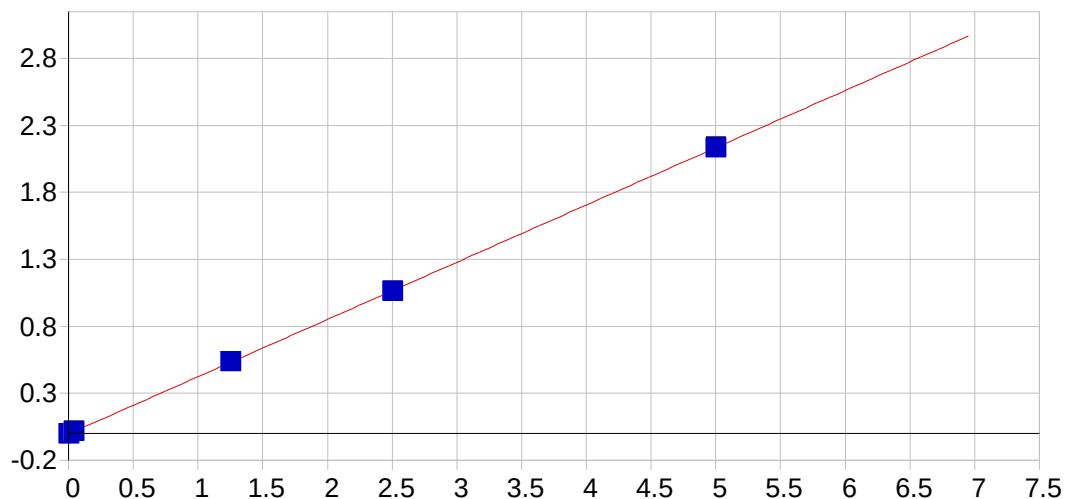


Mg 279.079 {121}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.009072 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.050956
 Predicted MQL: 0.169855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1397	.140	6.99	.01945	.000	1
S0	.00000	-.00017	-.000	.000	.00004	.000	1
S3	12.500	12.786	.286	2.29	.11604	.000	1
S4	25.000	25.135	.135	.538	.22807	.000	1
S5	50.000	49.440	-.560	-1.12	.44857	.002	1



Ni 231.604 {445}

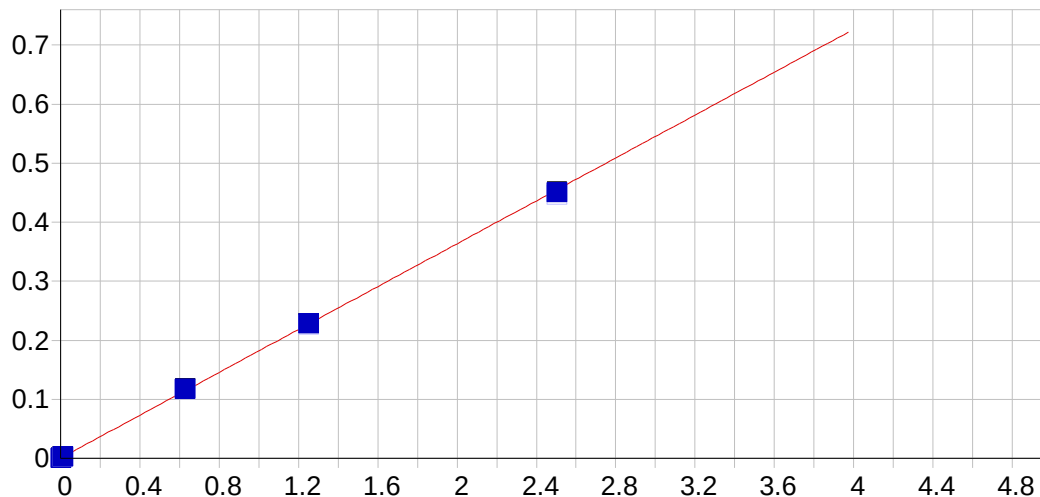
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003308 Re-Slope: 1.000000
 A1 (Gain): 0.427487 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000066
 Predicted MDL: 0.000592
 Predicted MQL: 0.001973

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00331	.000	1
S1	.04000	.04279	.003	6.97	.01499	.000	1
S3	1.2500	1.2612	.011	.894	.53641	.001	1
S4	2.5000	2.4878	-.012	-.488	1.0614	.001	1
S5	5.0000	4.9982	-.002	-.035	2.1357	.004	1



Ag 328.068 {103}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

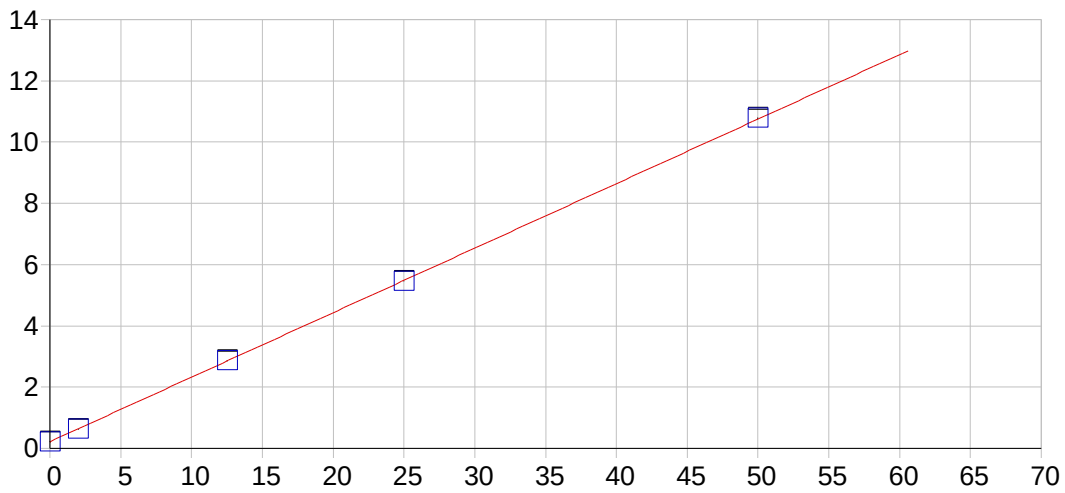
Weighting: 1/Conc

A0 (Offset): 0.000370
 A1 (Gain): 0.181603
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900
 Std Error of Est: 0.000022
 Predicted MDL: 0.000682
 Predicted MQL: 0.002275

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	.00037	.000	1
S1	.01000	.01071	.001	7.13	.00228	.000	1
S3	.62500	.64469	.020	3.15	.11616	.000	1
S4	1.2500	1.2512	.001	.095	.22501	.000	1
S5	2.5000	2.4784	-.022	-.863	.44531	.001	1

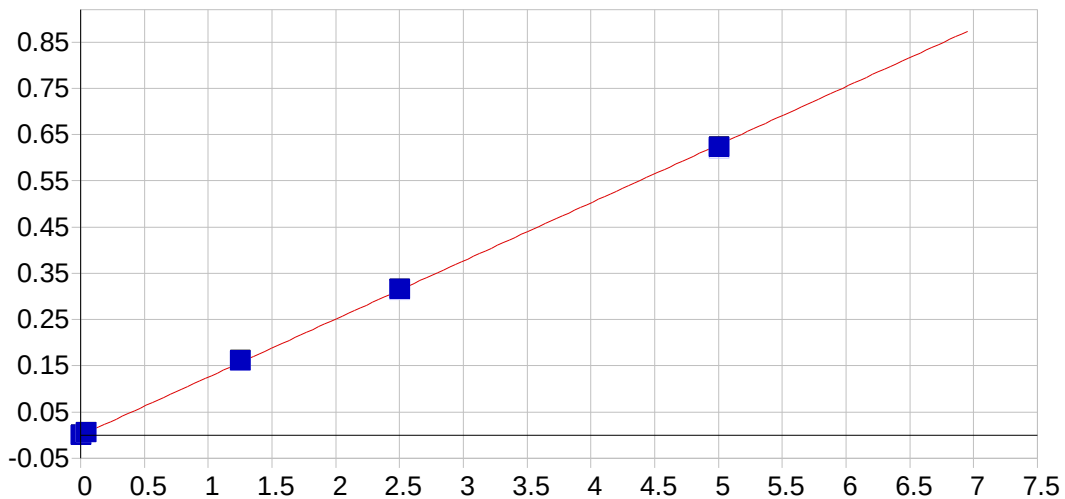


Na 589.592 { 57}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.218927 Re-Slope: 1.000000
 A1 (Gain): 0.210645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000664
 Predicted MDL: 0.012669
 Predicted MQL: 0.042231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9433	-.057	-2.84	.62827	.008	1
S0	.00000	.00005	.000	.000	.21894	.014	1
S3	12.500	12.556	.056	.450	2.8638	.015	1
S4	25.000	24.864	-.136	-.546	5.4563	.009	1
S5	50.000	50.137	.137	.274	10.780	.031	1



V 292.402 {115}

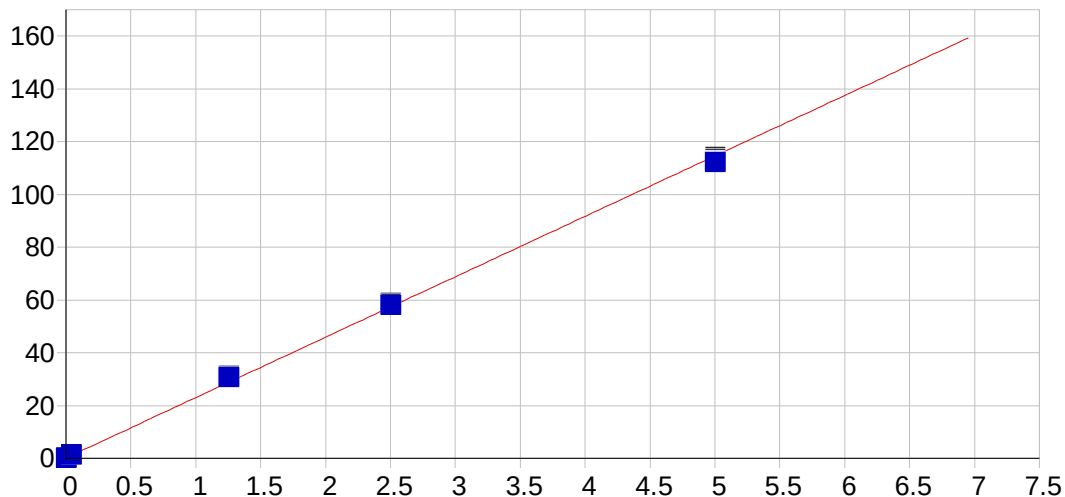
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000113 Re-Slope: 1.000000
 A1 (Gain): 0.125627 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000045
 Predicted MDL: 0.000697
 Predicted MQL: 0.002322

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.04000	.04546	.005	13.7	.00552	.000	1
S3	1.2500	1.2823	.032	2.58	.15995	.000	1
S4	2.5000	2.5056	.006	.224	.31261	.000	1
S5	5.0000	4.9567	-.043	-.866	.61848	.000	1



Zn 206.200 {163}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

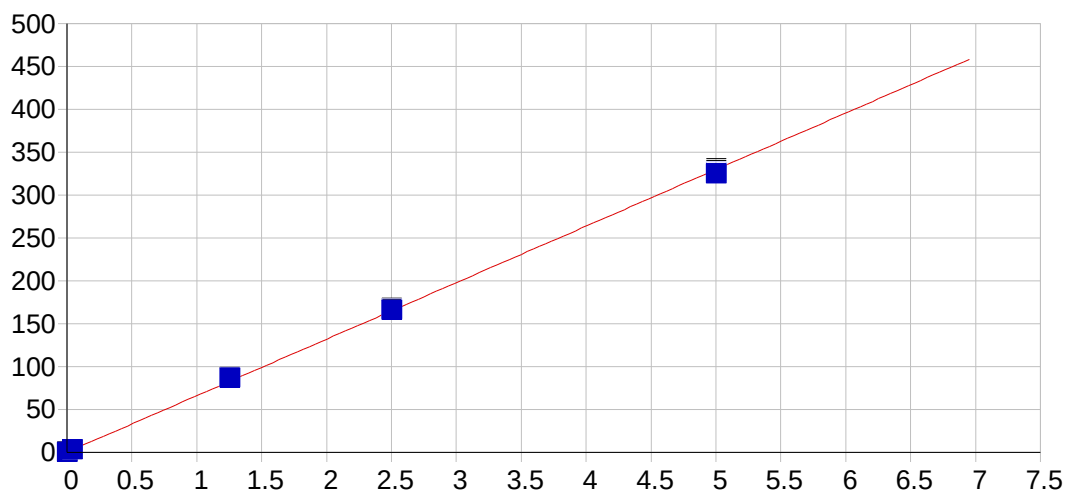
Weighting: 1/Conc

A0 (Offset): 0.098270
 A1 (Gain): 22.899273
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999509
 Std Error of Est: 0.017477
 Predicted MDL: 0.000651
 Predicted MQL: 0.002169

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	.09810	.013	1
S1	.04000	.04527	.005	13.2	1.1409	.032	1
S3	1.2500	1.3291	.079	6.33	30.707	.247	1
S4	2.5000	2.5310	.031	1.24	58.402	.306	1
S5	5.0000	4.8846	-.115	-2.31	112.65	1.22	1

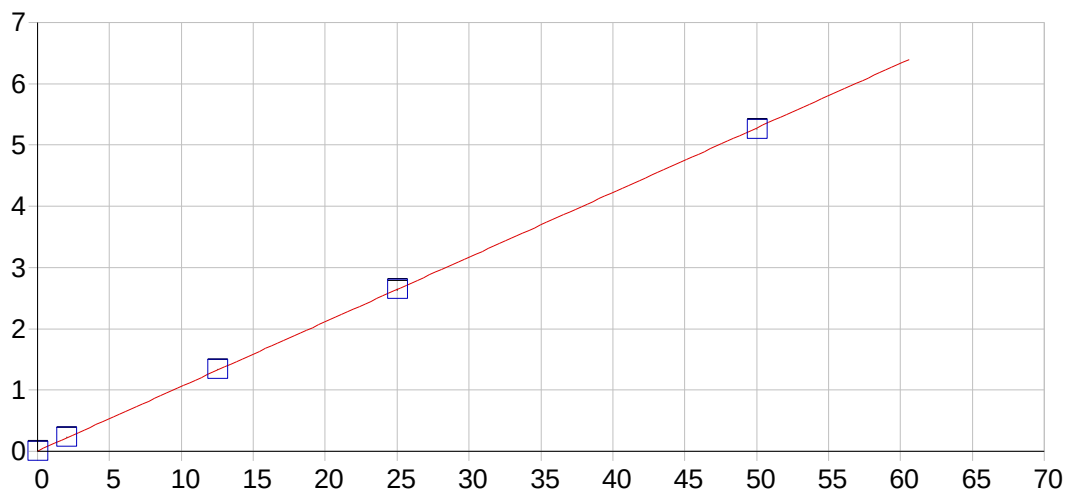


Zn 213.856 {458}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.192041 Re-Slope: 1.000000
 A1 (Gain): 65.911114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.036266
 Predicted MDL: 0.000113
 Predicted MQL: 0.000376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.19167	.007	1
S1	.04000	.04411	.004	10.3	3.1168	.047	1
S3	1.2500	1.3095	.060	4.76	87.002	.128	1
S4	2.5000	2.5141	.014	.564	166.90	.692	1
S5	5.0000	4.9223	-.078	-1.55	326.62	3.65	1



K 766.490 {44}

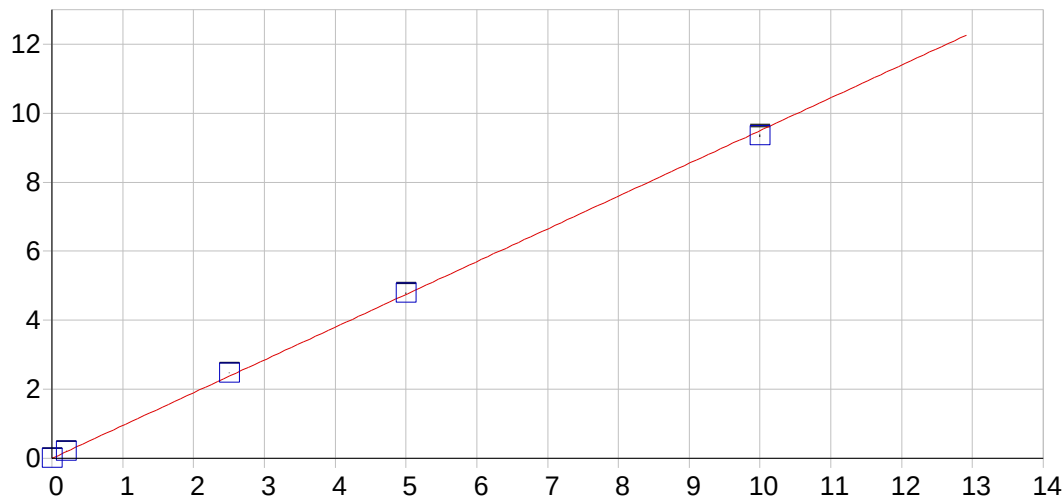
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004909 Re-Slope: 1.000000
 A1 (Gain): 0.105469 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000503
 Predicted MDL: 0.036198
 Predicted MQL: 0.120660

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0908	.091	4.54	.22542	.001	1
S0	.00000	-.00010	-.000	.000	.00490	.001	1
S3	12.500	12.650	.150	1.20	1.3391	.003	1
S4	25.000	24.967	-.033	-.132	2.6382	.016	1
S5	50.000	49.792	-.208	-.415	5.2565	.006	1



Mo 202.030 {467}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

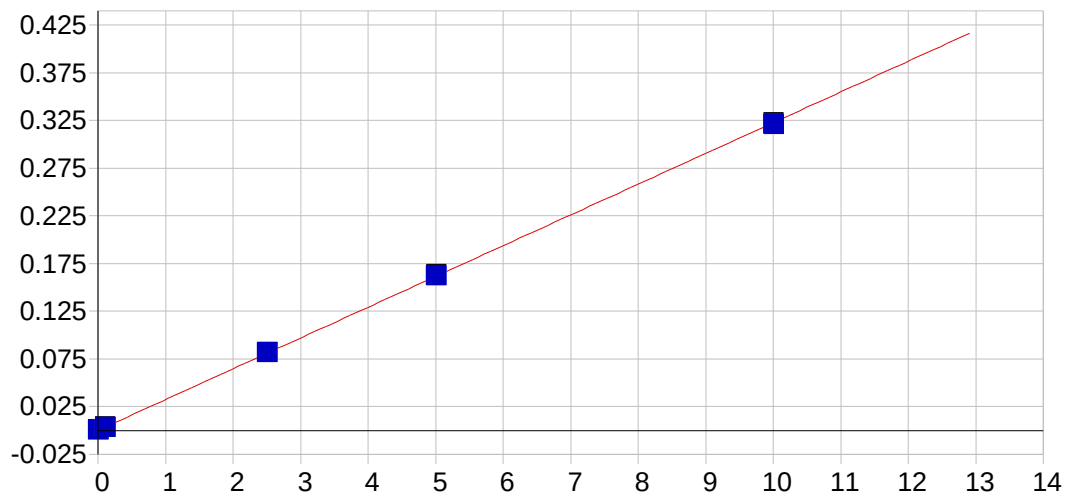
Weighting: 1/Conc

A0 (Offset): 0.000323
 A1 (Gain): 0.949510
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768
 Std Error of Est: 0.001571
 Predicted MDL: 0.000351
 Predicted MQL: 0.001169

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00030	.000	1
S1	.20000	.21354	.014	6.77	.20308	.001	1
S3	2.5000	2.6046	.105	4.18	2.4734	.002	1
S4	5.0000	5.0422	.042	.845	4.7880	.016	1
S5	10.000	9.8396	-.160	-1.60	9.3431	.032	1

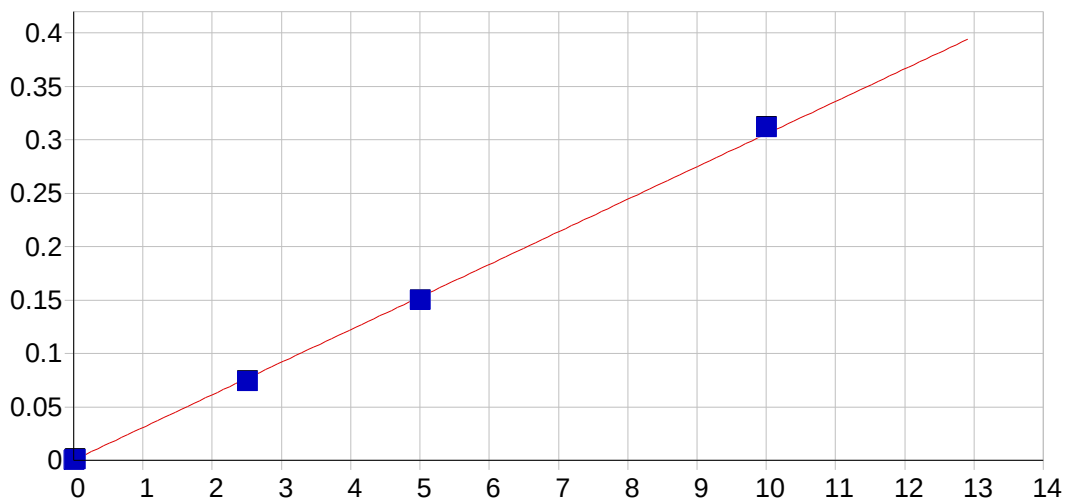


B 249.678 {135}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.032252 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.010750
 Predicted MQL: 0.035833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.10000	.09894	-.001	-1.06	.00341	.000	1
S3	2.5000	2.5219	.022	.877	.08138	.000	1
S4	5.0000	5.0257	.026	.514	.16194	.001	1
S5	10.000	9.9534	-.047	-.466	.32049	.001	1



S 182.034 {485}

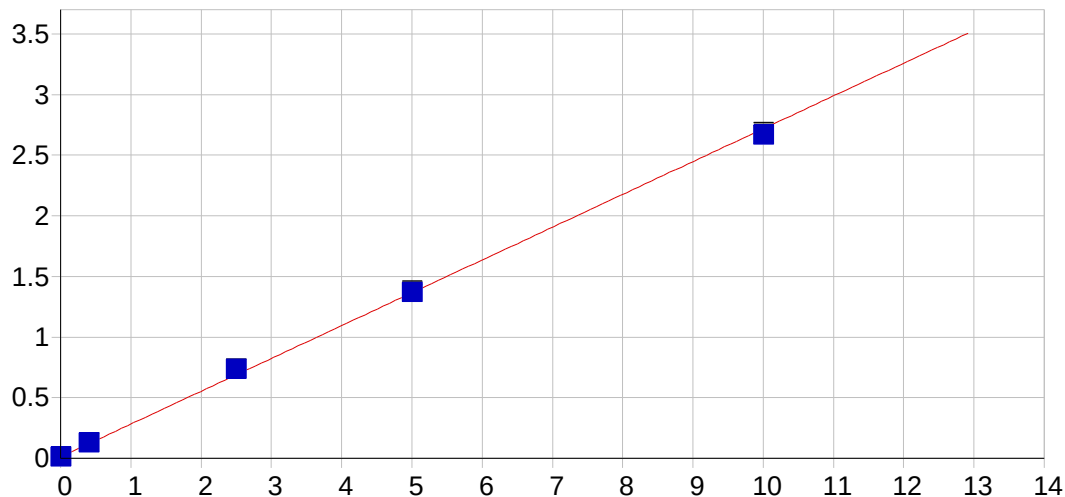
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000278 Re-Slope: 1.000000
 A1 (Gain): 0.030513 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718
 Std Error of Est: 0.000017
 Predicted MDL: 0.004397
 Predicted MQL: 0.014658

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.02000	.01589	-.004	-20.5	.00074	.000	1
S3	2.5000	2.4099	-.090	-3.61	.07373	.000	1
S4	5.0000	4.9001	-.100	-2.00	.14963	.000	1
S5	10.000	10.194	.194	1.94	.31099	.001	1



Si 288.158 {117}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

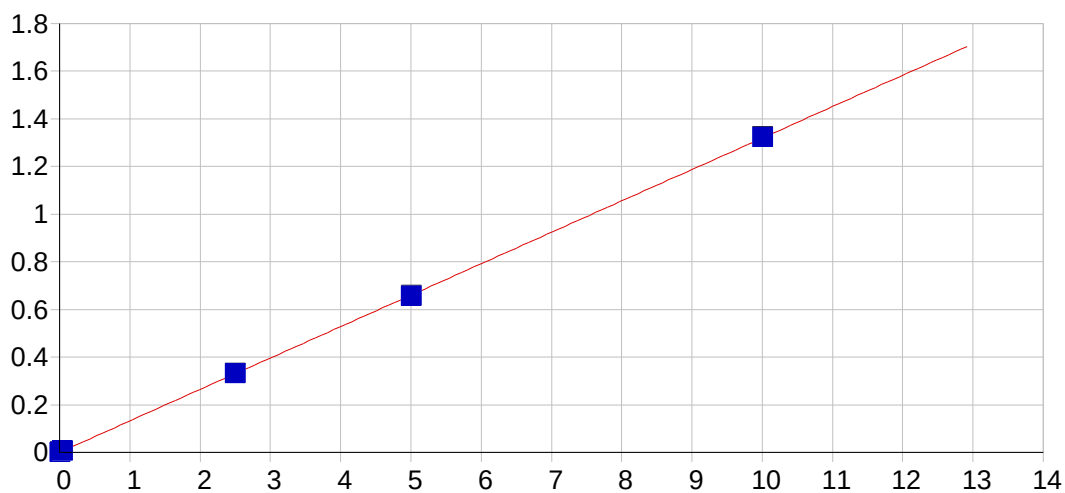
Weighting: 1/Conc

A0 (Offset): 0.012112
 A1 (Gain): 0.270565
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999560
 Std Error of Est: 0.000876
 Predicted MDL: 0.003679
 Predicted MQL: 0.012263

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	-.00004	-.000	.000	.01210	.001	1
S1	.40000	.41697	.017	4.24	.12484	.001	1
S3	2.5000	2.6690	.169	6.76	.73388	.001	1
S4	5.0000	5.0039	.004	.077	1.3653	.014	1
S5	10.000	9.8102	-.190	-1.90	2.6650	.018	1

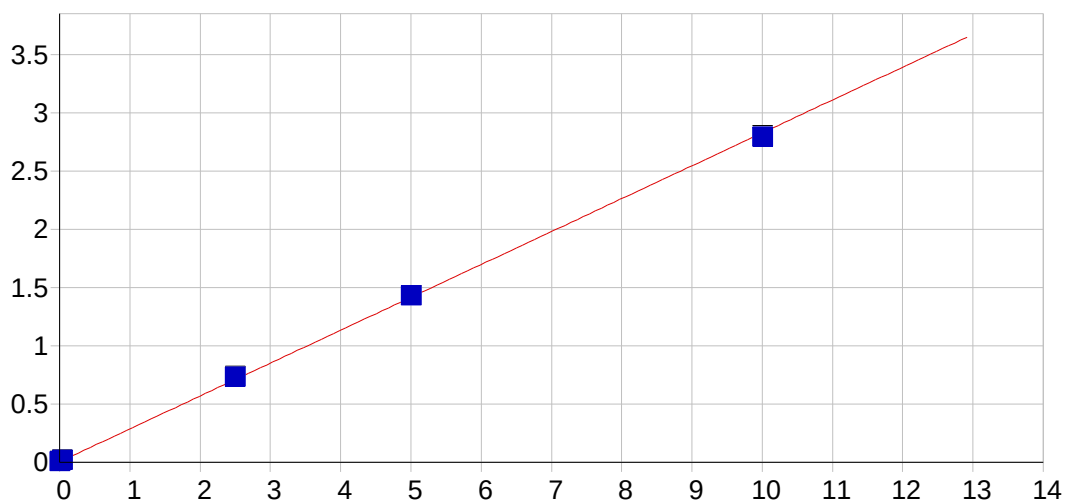


Sn 189.989 {477}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000523 Re-Slope: 1.000000
 A1 (Gain): 0.131889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001046
 Predicted MQL: 0.003487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.04000	.04303	.003	7.57	.00620	.000	1
S3	2.5000	2.5059	.006	.237	.33108	.000	1
S4	5.0000	4.9726	-.027	-.548	.65647	.001	1
S5	10.000	10.018	.018	.185	1.3221	.003	1



Ti 336.121 {100}

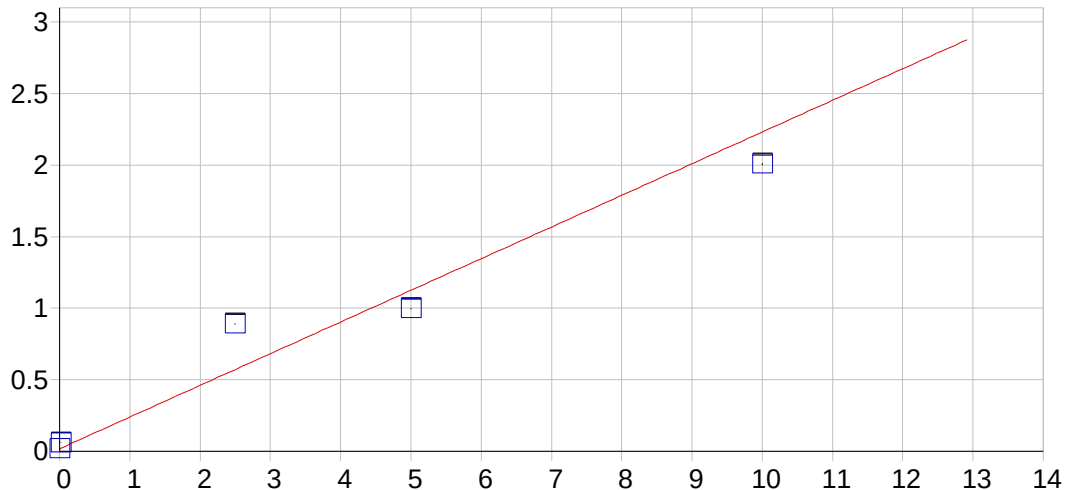
Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004643 Re-Slope: 1.000000
 A1 (Gain): 0.282212 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834
 Std Error of Est: 0.000175
 Predicted MDL: 0.002325
 Predicted MQL: 0.007751

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00464	.000	1
S1	.04000	.04657	.007	16.4	.01778	.000	1
S3	2.5000	2.5790	.079	3.16	.73238	.001	1
S4	5.0000	5.0476	.048	.952	1.4290	.000	1
S5	10.000	9.8668	-.133	-1.33	2.7888	.010	1



Li 670.784 { 50}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

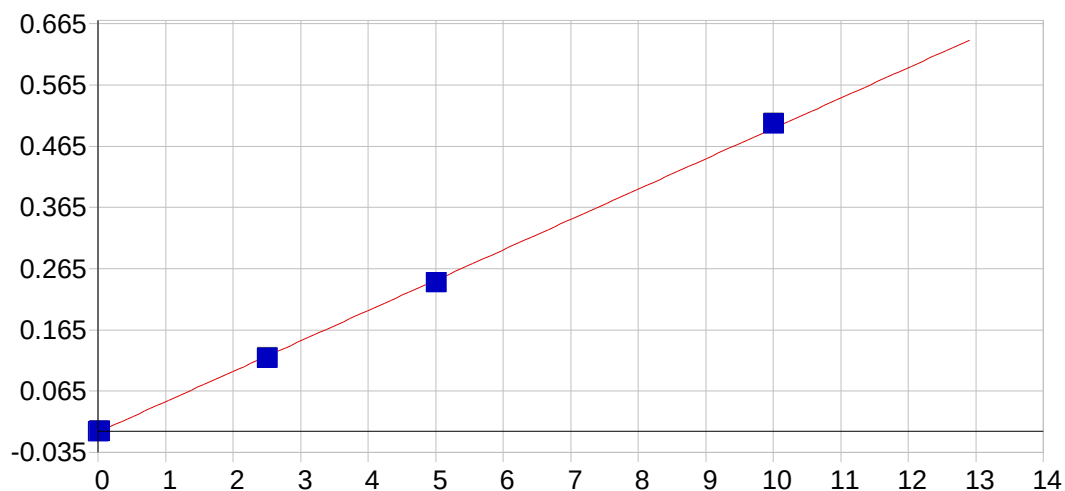
Weighting: 1/Conc

A0 (Offset): 0.018533
 A1 (Gain): 0.221311
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.938139
 Std Error of Est: 0.001973
 Predicted MDL: 0.014179
 Predicted MQL: 0.047262

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	.01849	.001	1
S1	.02000	.18701	.167	835.	.05992	.003	1
S3	2.5000	3.9314	1.43	57.3	.88859	.005	1
S4	5.0000	4.4193	-.581	-11.6	.99657	.003	1
S5	10.000	8.9823	-1.02	-10.2	2.0064	.006	1

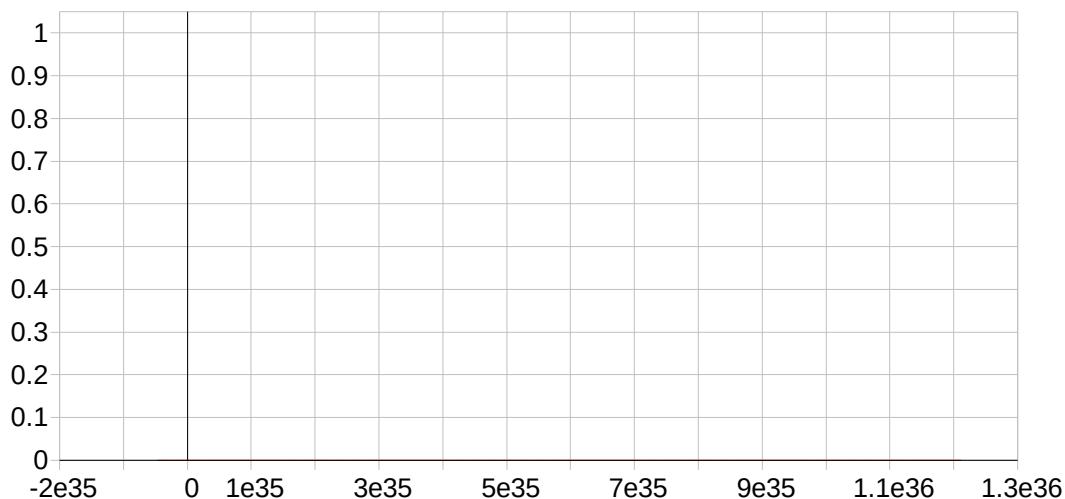


P 177.495 {490}

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001876 Re-Slope: 1.000000
 A1 (Gain): 0.049578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002702
 Predicted MQL: 0.009007

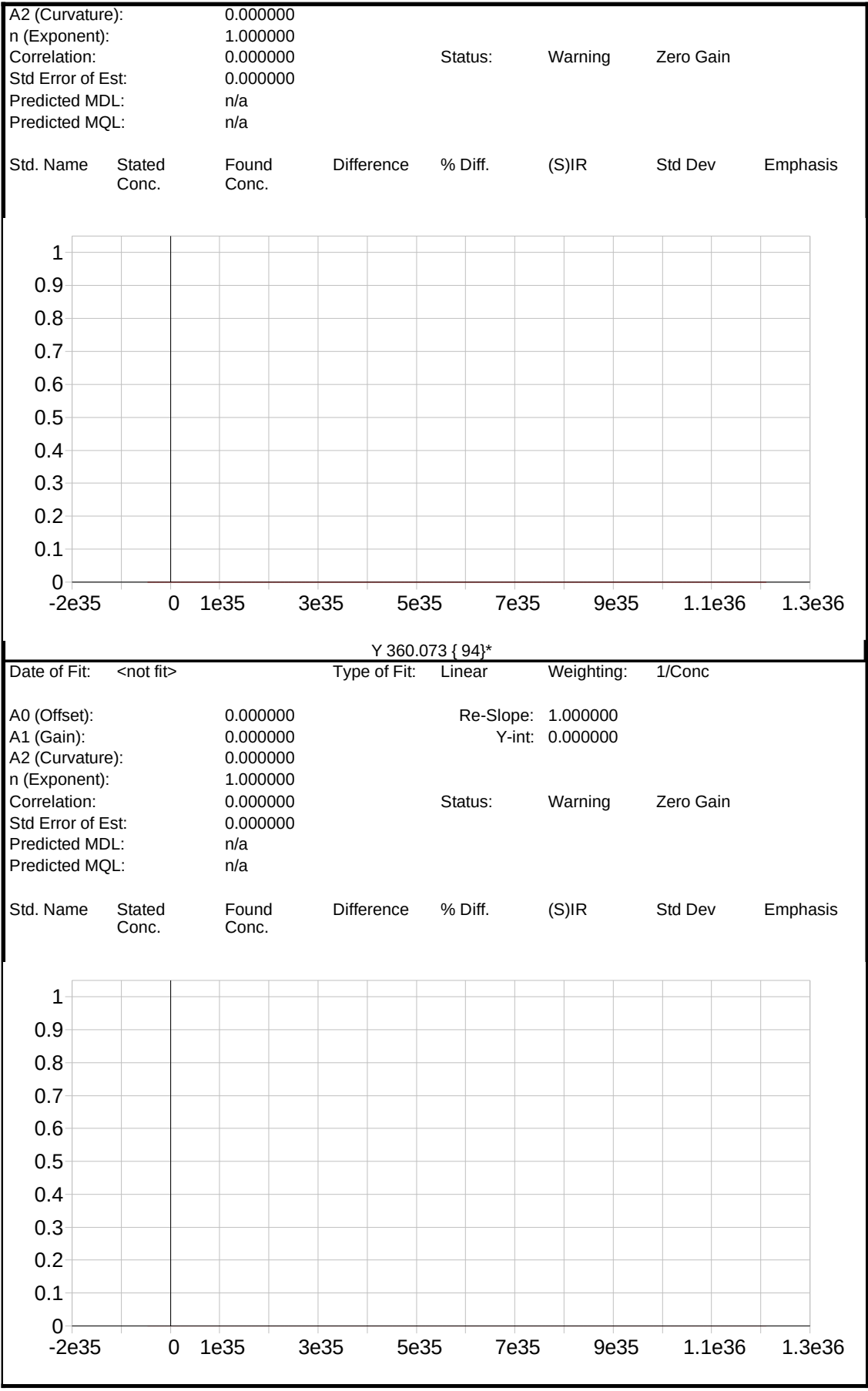
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00188	.000	1
S1	.02000	.01800	-.002	-10.0	-.00099	.000	1
S3	2.5000	2.4295	-.070	-2.82	.11839	.001	1
S4	5.0000	4.9178	-.082	-1.64	.24158	.000	1
S5	10.000	10.155	.155	1.55	.50085	.000	1

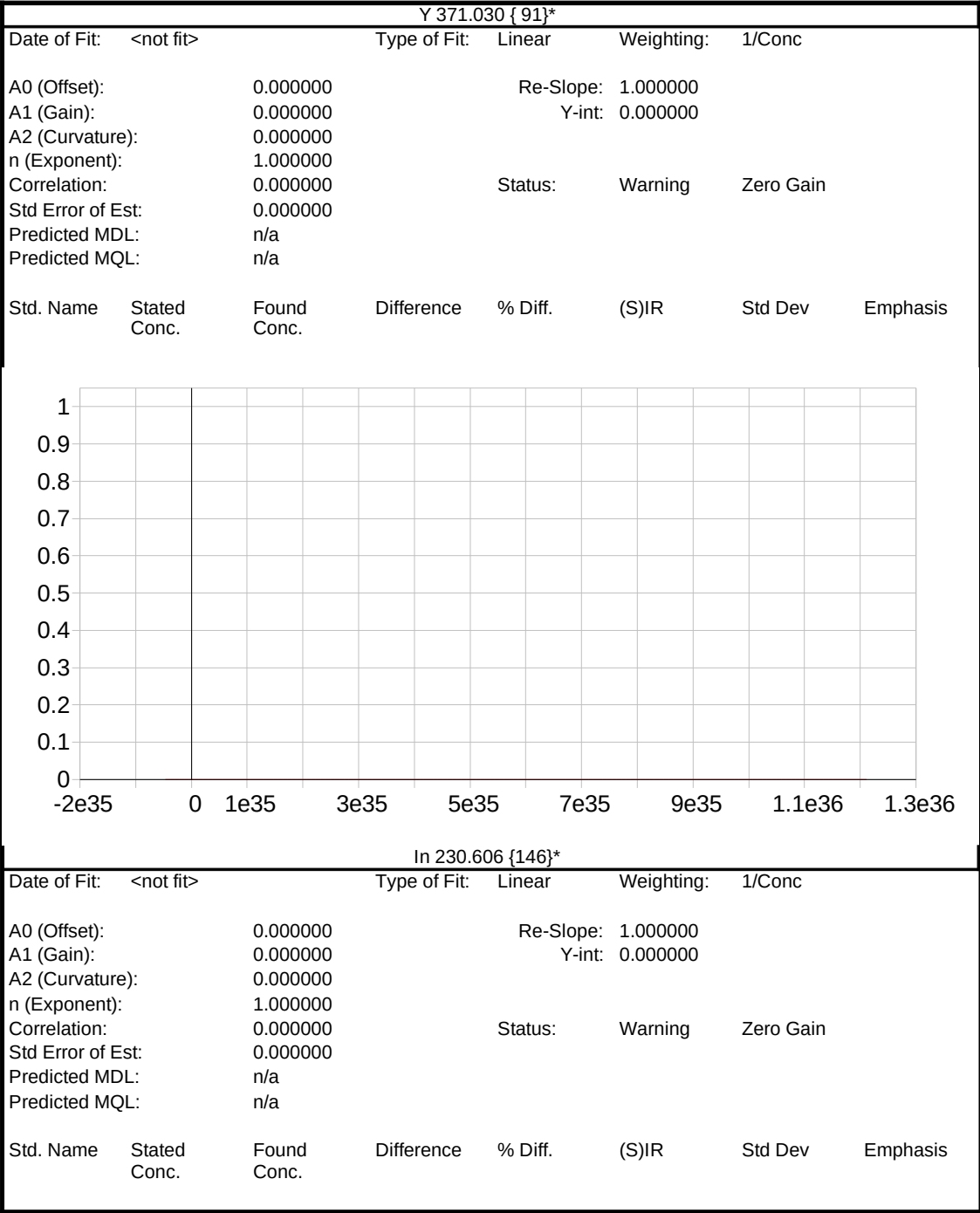


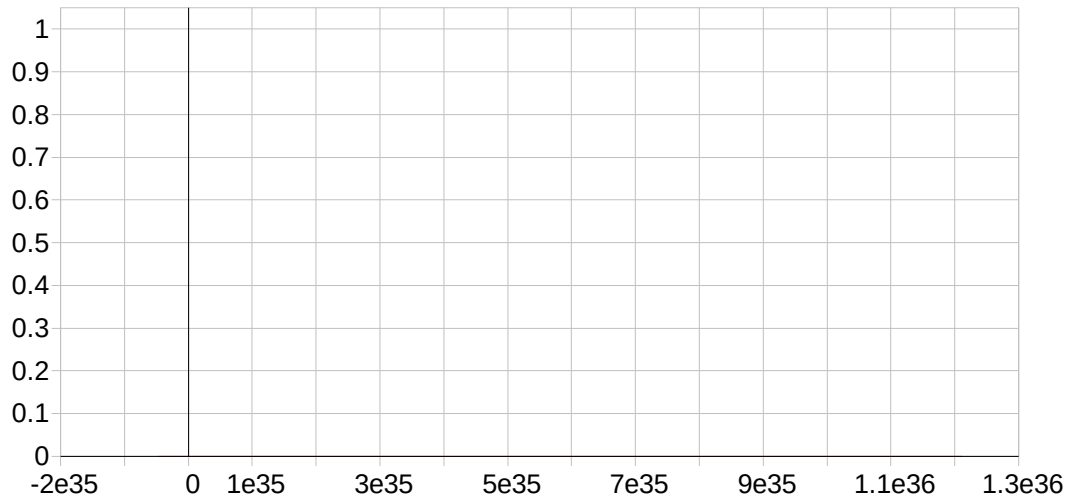
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

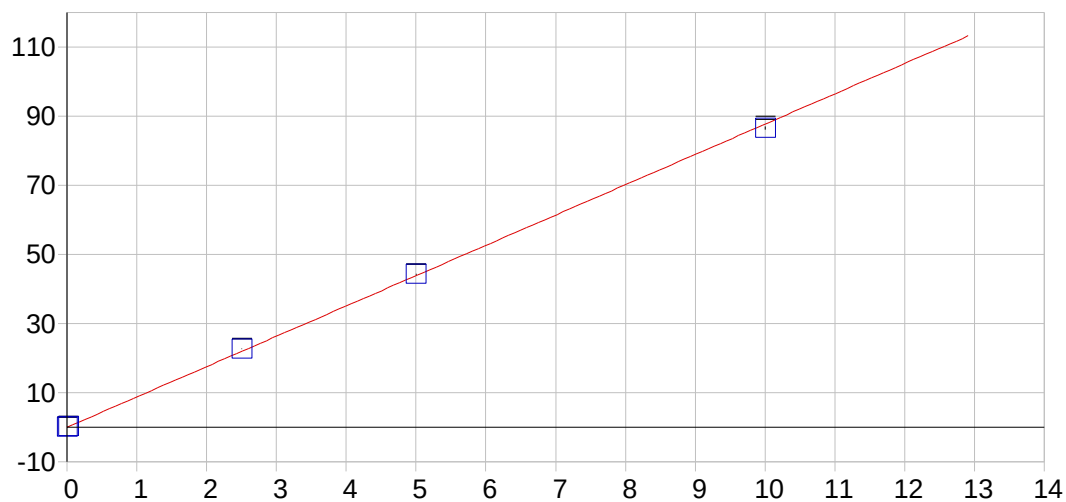
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 9/25/2018 11:48:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006569

Re-Slope: 1.000000

A1 (Gain): 8.771052

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999854

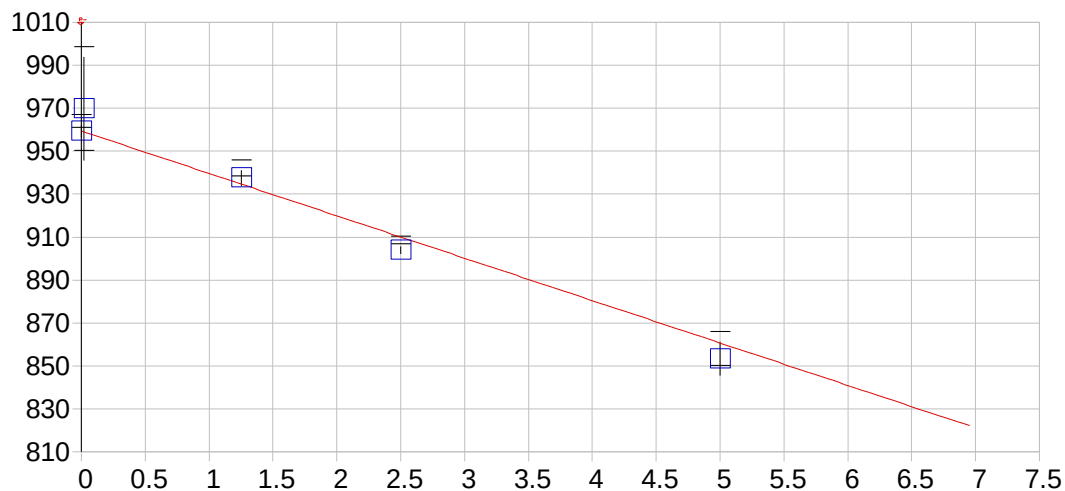
Status: OK.

Std Error of Est: 0.003618

Predicted MDL: 0.000140

Predicted MQL: 0.000465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00658	.000	1
S1	.02000	.02091	.001	4.57	.17686	.001	1
S3	2.5000	2.5827	.083	3.31	22.647	.072	1
S4	5.0000	5.0510	.051	1.02	44.296	.029	1
S5	10.000	9.8654	-.135	-1.35	86.523	.474	1

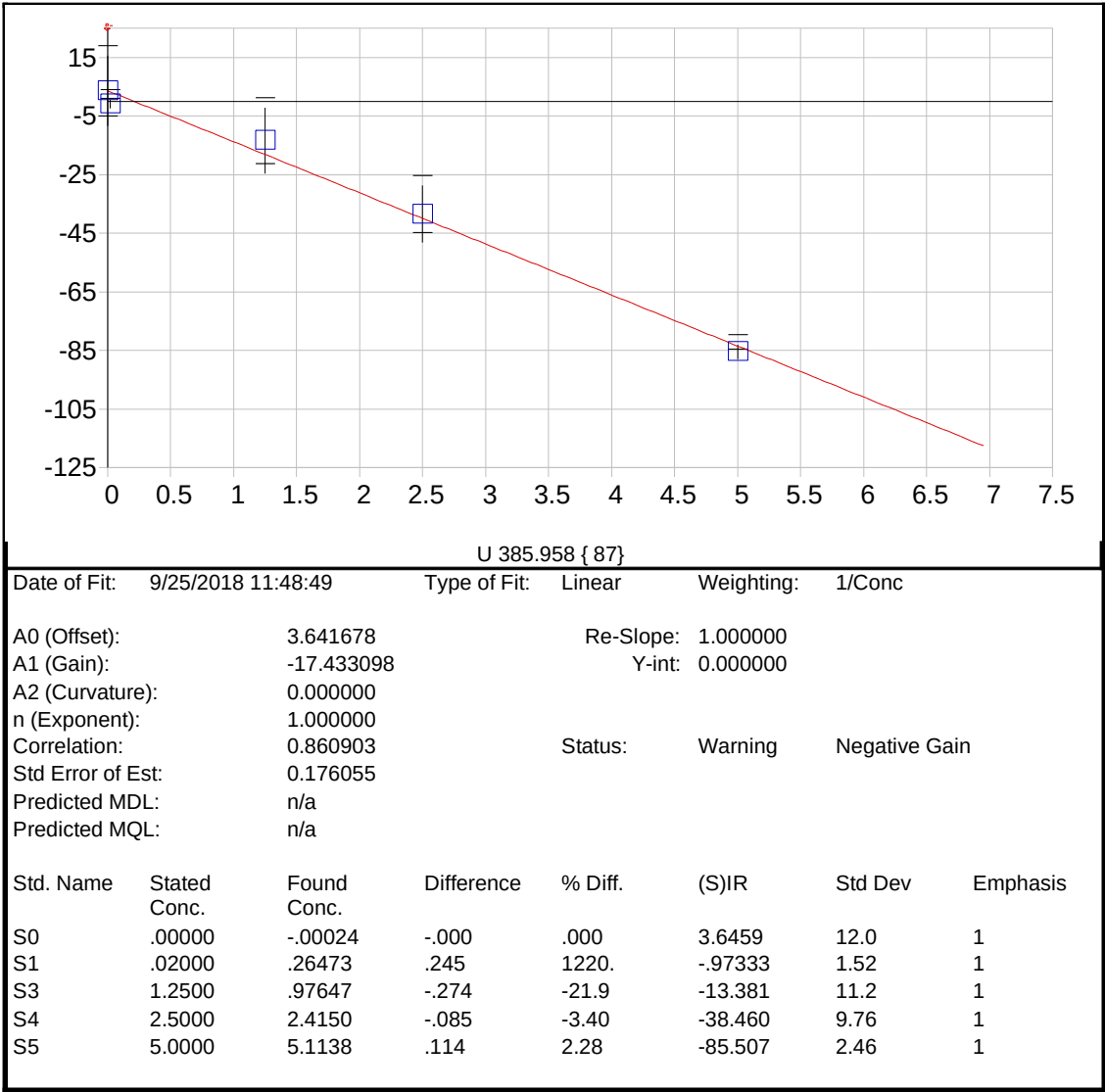


U 367.007 { 92 }

Date of Fit: 9/25/2018 11:48:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 959.398306 Re-Slope: 1.000000
A1 (Gain): -19.746557 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.609259 Status: Warning Negative Gain
Std Error of Est: 0.439193
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00054	.001	.000	959.39	2.90	1
S1	.02000	-.52328	-.543	-2720.	969.73	24.1	1
S3	1.2500	1.1064	-.144	-11.5	937.55	3.73	1
S4	2.5000	2.8127	.313	12.5	903.86	1.90	1
S5	5.0000	5.3742	.374	7.48	853.28	7.93	1



Sample Name: S0 Acquired: 9/25/2018 11:21:56 Type: Cal
Method: P4-ICP2(v2455) 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	-.00020	-.00022	.00279	.00024	.00032	-.00024	.03789	-.00008
Stddev	.00004	.00029	.00038	.00006	.00022	.00002	.00011	.00006
%RSD	18.382	132.94	13.710	25.299	68.920	7.0164	.30235	76.401

#1	-.00017	-.00001	.00306	.00029	.00016	-.00026	.03781	-.00012
#2	-.00023	-.00042	.00252	.00020	.00048	-.00023	.03797	-.00004

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	-.00090	.00061	.00001	-.00030	.00150	-.00723	.00021	.00004
Stddev	.00012	.00039	.00004	.00002	.00018	.00578	.00003	.00050
%RSD	13.341	63.701	326.95	5.0780	12.228	79.932	13.668	1364.8

#1	-.00098	.00088	.00004	-.00029	.00162	-.00314	.00019	-.00031
#2	-.00081	.00033	-.00001	-.00031	.00137	-.01132	.00023	.00039

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	-.00331	.00037	.21894	-.00011	.19167	.00490	.00030	.00023
Stddev	.00008	.00001	.01447	.00005	.00740	.00140	.00026	.00034
%RSD	2.4904	1.9210	6.6100	43.353	3.8587	28.682	86.886	148.99

#1	-.00325	.00036	.20870	-.00008	.18644	.00589	.00012	-.00001
#2	-.00337	.00037	.22917	-.00015	.19690	.00390	.00049	.00047

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	.00028	.01210	.00052	.00464	.01849	-.0019	-.00658	959.39
Stddev	.00011	.00061	.00010	.00006	.00087	.0001	.00026	2.90
%RSD	39.766	5.0593	19.026	1.3440	4.6969	3.452	4.0247	.30214

#1	.00020	.01167	.00045	.00460	.01788	-.0018	-.00677	961.44
#2	.00036	.01253	.00059	.00469	.01911	-.0019	-.00640	957.34

Sample Name: S0 Acquired: 9/25/2018 11:21:56 Type: Cal
Method: P4-ICP2(v2455) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	3.6459
Stddev	12.003
%RSD	329.21

#1	12.133
#2	-4.8413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.7	49633.	4047.3	100.14	3615.6
Stddev	13.2	162.	16.3	.79	16.8
%RSD	.60249	.32565	.40295	.79121	.46402

#1	2186.4	49518.	4058.8	100.70	3603.7
#2	2205.1	49747.	4035.7	99.576	3627.5

Sample Name: S1 Acquired: 9/25/2018 11:25:57 Type: Cal
Method: P4-ICP2(v2455) 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	.00147	.00364	.00533	.00138	.00974	.00042	.59813	.00388
Stddev	.00003	.00010	.00017	.00030	.00002	.00008	.00373	.00003
%RSD	2.2279	2.7098	3.2609	22.043	.21911	19.733	.62299	.65210
#1	.00150	.00371	.00546	.00116	.00973	.00036	.60077	.00390
#2	.00145	.00357	.00521	.00159	.00976	.00048	.59550	.00386
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	.01290	.00087	.03030	.01705	.11549	.01953	.01499	.00228
Stddev	.00024	.00001	.00012	.00063	.00370	.00015	.00010	.00004
%RSD	1.8489	1.4390	.38475	3.7151	3.2038	.74780	.69023	1.7531
#1	.01273	.00086	.03021	.01750	.11287	.01963	.01507	.00225
#2	.01307	.00088	.03038	.01660	.11811	.01943	.01492	.00231
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	.00552	3.1168	.20308	.00341	.00074	.12484	.00620	.01778
Stddev	.00005	.0468	.00060	.00038	.00020	.00146	.00005	.00031
%RSD	.88222	1.5020	.29705	11.066	27.072	1.1659	.83553	1.7684
#1	.00556	3.0837	.20265	.00314	.00060	.12381	.00623	.01800
#2	.00549	3.1499	.20351	.00367	.00089	.12587	.00616	.01756
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.05992	-.0010	.17686	969.73	-.97333			
Stddev	.00337	.0000	.00081	24.11	1.5174			
%RSD	5.6260	3.920	.45560	2.4862	155.90			
#1	.05754	-.0010	.17743	952.68	.09966			
#2	.06230	-.0010	.17629	986.78	-2.0463			

Sample Name: S1 Acquired: 9/25/2018 11:25:57 Type: Cal
Method: P4-ICP2(v2455) 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	2192.3	49587.	4036.9	102.46	3581.2
Stddev	12.5	307.	9.2	1.23	23.6
%RSD	.56924	.61832	.22866	1.1983	.65951
#1	2183.5	49370.	4043.5	103.33	3564.5
#2	2201.2	49804.	4030.4	101.59	3597.9

Sample Name: S2 Acquired: 9/25/2018 11:30:01 Type: Cal
Method: P4-ICP2(v2455) 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	.07699	.01945	.62827	.22542
Stddev	.00033	.00016	.00806	.00061
%RSD	.42262	.81659	1.2831	.27025

#1	.07676	.01956	.62257	.22499
#2	.07722	.01934	.63397	.22585

Int. Std.	Y_3710
Units	Cts/S
Avg	4018.1
Stddev	37.8
%RSD	.94070

#1	3991.4
#2	4044.8

Sample Name: S3 Acquired: 9/25/2018 11:33:59 Type: Cal
Method: P4-ICP2(v2455) 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	.17900	.20599	.50824	.14565	.44525	.03013	26.031	.08138
Stddev	.00037	.00010	.00115	.00014	.00137	.00012	.061	.00000
%RSD	.20771	.04960	.22609	.09819	.30874	.39832	.23362	.00124
#1	.17873	.20591	.50905	.14575	.44428	.03021	25.988	.08138
#2	.17926	.20606	.50743	.14555	.44622	.03004	26.074	.08138
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	2.8030	.45029	.04334	1.1740	.47432	2.8660	1.1028	.11604
Stddev	.0001	.00097	.00020	.0030	.00135	.0172	.0007	.00010
%RSD	.00206	.21464	.45326	.25623	.28434	.60030	.06284	.08571
#1	2.8030	.44961	.04347	1.1761	.47337	2.8782	1.1023	.11611
#2	2.8030	.45098	.04320	1.1718	.47528	2.8538	1.1032	.11597
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	.53641	.11616	2.8638	.15995	87.002	1.3391	2.4734	.08138
Stddev	.00127	.00012	.0151	.00007	.128	.0031	.0025	.00025
%RSD	.23731	.10501	.52834	.04067	.14762	.23255	.09973	.31064
#1	.53551	.11625	2.8531	.15999	86.912	1.3413	2.4717	.08120
#2	.53731	.11607	2.8745	.15990	87.093	1.3369	2.4752	.08156
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	.07373	.73388	.33108	.73238	.88859	.1184	22.647	937.55
Stddev	.00027	.00070	.00041	.00087	.00459	.0007	.072	3.73
%RSD	.37109	.09499	.12477	.11881	.51659	.5596	.31969	.39818
#1	.07353	.73437	.33079	.73299	.88535	.1189	22.595	940.19
#2	.07392	.73339	.33138	.73176	.89184	.1179	22.698	934.91

Sample Name: S3 Acquired: 9/25/2018 11:33:59 Type: Cal
Method: P4-ICP2(v2455) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-13.381
Stddev	11.238
%RSD	83.983

#1	-5.4348
#2	-21.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.3	48821.	4023.3	99.543	3394.0
Stddev	3.7	123.	25.2	.148	11.0
%RSD	.17256	.25290	.62631	.14904	.32430

#1	2166.6	48909.	4041.1	99.438	3386.2
#2	2171.9	48734.	4005.5	99.648	3401.7

Sample Name: S4 Acquired: 9/25/2018 11:37:48 Type: Cal
Method: P4-ICP2(v2455) 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	.34834	.40250	.99489	.28283	.86913	.06025	51.213	.16004
Stddev	.00137	.00056	.00177	.00070	.00071	.00006	.097	.00053
%RSD	.39334	.13970	.17768	.24736	.08117	.10233	.18855	.33031

#1	.34931	.40289	.99614	.28234	.86963	.06029	51.144	.15967
#2	.34737	.40210	.99364	.28333	.86864	.06021	51.281	.16042

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	5.5527	.87563	.08368	2.3218	.91558	5.6422	2.1454	.22807
Stddev	.0088	.00358	.00060	.0040	.00249	.0143	.0016	.00035
%RSD	.15881	.40837	.71488	.17272	.27203	.25273	.07282	.15369

#1	5.5589	.87816	.08326	2.3246	.91734	5.6523	2.1443	.22782
#2	5.5464	.87311	.08410	2.3189	.91382	5.6321	2.1465	.22831

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	1.0614	.22501	5.4563	.31261	166.90	2.6382	4.7880	.16194
Stddev	.0012	.00034	.0088	.00006	.69	.0163	.0164	.00097
%RSD	.11520	.15263	.16135	.01984	.41473	.61765	.34365	.60186

#1	1.0622	.22477	5.4501	.31256	166.41	2.6266	4.7996	.16263
#2	1.0605	.22526	5.4625	.31265	167.39	2.6497	4.7763	.16125

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	.14963	1.3653	.65647	1.4290	.99657	.2416	44.296	903.86
Stddev	.00010	.0135	.00063	.0004	.00323	.0005	.029	1.90
%RSD	.06684	.99123	.09592	.02700	.32403	.2067	.06619	.21016

#1	.14955	1.3557	.65691	1.4292	.99885	.2419	44.275	902.51
#2	.14970	1.3748	.65602	1.4287	.99428	.2412	44.317	905.20

Sample Name: S4 Acquired: 9/25/2018 11:37:48 Type: Cal
Method: P4-ICP2(v2455) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-38.460
Stddev	9.764
%RSD	25.388

#1	-45.364
#2	-31.555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.7	48170.	3994.7	97.751	3284.7
Stddev	13.1	106.	4.0	.058	22.2
%RSD	.60464	.22066	.10083	.05981	.67658

#1	2153.5	48095.	3991.9	97.710	3269.0
#2	2172.0	48245.	3997.6	97.792	3300.4

Sample Name: S5 Acquired: 9/25/2018 11:41:35 Type: Cal
Method: P4-ICP2(v2455) 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	.69135	.79912	1.9940	.56066	1.7291	.12220	99.978	.31648
Stddev	.00109	.00246	.0068	.00027	.0005	.00081	.514	.00061
%RSD	.15782	.30836	.33941	.04886	.03093	.66275	.51455	.19261
#1	.69212	.80086	1.9988	.56085	1.7287	.12163	100.34	.31691
#2	.69058	.79738	1.9892	.56046	1.7294	.12278	99.614	.31605
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	11.235	1.7263	.16379	4.6967	1.7770	11.298	4.2002	.44857
Stddev	.023	.0023	.00019	.0122	.0061	.154	.0052	.00160
%RSD	.20175	.13152	.11309	.25936	.34122	1.3650	.12479	.35630
#1	11.251	1.7247	.16366	4.7053	1.7813	11.189	4.1965	.44744
#2	11.219	1.7279	.16393	4.6880	1.7727	11.407	4.2039	.44970
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	2.1357	.44531	10.780	.61848	326.62	5.2565	9.3431	.32049
Stddev	.0036	.00088	.031	.00016	3.65	.0059	.0320	.00145
%RSD	.16714	.19722	.28673	.02610	1.1162	.11123	.34252	.45284
#1	2.1382	.44593	10.802	.61837	324.04	5.2606	9.3658	.32152
#2	2.1332	.44469	10.758	.61859	329.20	5.2523	9.3205	.31947
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	.31099	2.6650	1.3221	2.7888	2.0064	.5009	86.523	853.28
Stddev	.00102	.0185	.0029	.0103	.0064	.0003	.474	7.93
%RSD	.32797	.69356	.22238	.36967	.31736	.0631	.54798	.92921
#1	.31171	2.6780	1.3242	2.7961	2.0109	.5006	86.188	858.88
#2	.31027	2.6519	1.3200	2.7815	2.0019	.5011	86.859	847.67

Sample Name: S5 Acquired: 9/25/2018 11:41:35 Type: Cal
Method: P4-ICP2(v2455) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-85.507
Stddev	2.464
%RSD	2.8820

#1	-87.250
#2	-83.765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.7	47169.	3971.3	95.892	3108.7
Stddev	9.5	8.	35.0	.925	15.1
%RSD	.44555	.01616	.88250	.96440	.48657

#1	2117.0	47175.	3946.5	96.546	3098.0
#2	2130.3	47164.	3996.1	95.239	3119.4

Sample Name: ICV01 Acquired: 9/25/2018 11:45:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.0922	F 1.1171	1.0438	F 1.0887	1.0418	2.6345	F .52637
Stddev	.0075	.0016	.0017	.0050	.0000	.0243	.00181
%RSD	.68496	.14629	.15975	.46242	.00376	.92342	.34321

#1	1.0869	1.1159	1.0450	1.0852	1.0419	2.6517	.52509
#2	1.0975	1.1182	1.0426	1.0923	1.0418	2.6173	.52765

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51511	F .52900	F 10.542	F .53801	.51031	.51555	5.2269
Stddev	.00095	.00160	.027	.00017	.00117	.00034	.1035
%RSD	.18404	.30337	.25480	.03220	.22843	.06548	1.9808

#1	.51578	.53014	10.561	.53788	.50948	.51579	5.1537
#2	.51444	.52787	10.523	.53813	.51113	.51531	5.3001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .53986	6.1557	.52198	.48574	9.9618	F .52763	1.0465
Stddev	.00047	.0196	.00003	.00226	.1531	.00263	.0275
%RSD	.08774	.31862	.00633	.46603	1.5372	.49787	2.6246

#1	.53953	6.1695	.52200	.48414	9.8535	.52948	1.0271
#2	.54020	6.1418	.52195	.48734	10.070	.52577	1.0659

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.329	F 2.6368	F 2.6312	F .00328	2.5132	2.5602	F 2.6863
Stddev	.031	.0097	.0277	.00206	.0386	.0008	.0002
%RSD	.30400	.36579	1.0527	62.917	1.5367	.03024	.00641

#1	10.351	2.6436	2.6116	.00182	2.4859	2.5607	2.6864
#2	10.307	2.6300	2.6508	.00474	2.5406	2.5596	2.6862

Sample Name: ICV01 Acquired: 9/25/2018 11:45:31 Type: Unk
 Method: P4-ICP2(v2455) 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 -.00546	F .0023	F .39894	F 1.5036	F 2.4599
Stddev	.00200	.0016	.00328	.1770	.0515
%RSD	36.657	70.33	.82173	11.769	2.0955

#1	-.00688	.0012	.39662	1.6288	2.4235
#2	-.00405	.0035	.40126	1.3785	2.4964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.1	49066.	4062.8	101.37	3499.9
Stddev	8.1	111.	40.7	2.64	8.8
%RSD	.36728	.22526	1.0025	2.6074	.25082

#1	2201.3	48987.	4091.6	103.24	3493.7
#2	2212.8	49144.	4034.0	99.500	3506.1

Sample Name: LLICV01 Acquired: 9/25/2018 12:00:24 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02353	.04791	.01015	.02157	.05668	.10480	.10662	.00630
Stddev	.00130	.00046	.00091	.00236	.00202	.00841	.00041	.00003
%RSD	5.5243	.96468	8.9832	10.929	3.5672	8.0207	.38468	.52782

#1	.02445	.04824	.01079	.02323	.05525	.11075	.10691	.00632
#2	.02261	.04758	.00950	.01990	.05811	.09886	.10633	.00627

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	2.0689	.01033	.03311	.01980	.11126	.02272	2.1615
Stddev	.00007	.0189	.00018	.00007	.00003	.00944	.00009	.0347
%RSD	1.1431	.91539	1.7659	.21779	.14214	8.4851	.39461	1.6047

#1	.00621	2.0823	.01020	.03316	.01978	.10458	.02265	2.1861
#2	.00611	2.0555	.01046	.03306	.01982	.11793	.02278	2.1370

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04288	.01046	1.6172	.04522	.04497	1.9862	.20984	.10167
Stddev	.00053	.00023	.0158	.00025	.00093	.0124	.00010	.00486
%RSD	1.2388	2.2063	.97786	.55903	2.0693	.62255	.04598	4.7795

#1	.04251	.01030	1.6060	.04540	.04431	1.9950	.20991	.10510
#2	.04326	.01063	1.6284	.04504	.04562	1.9775	.20977	.09823

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01446	.40013	.04205	.04553	F .16660	.0163	.02055	F 1.5919
Stddev	.00144	.00320	.00007	.00086	.01020	.0011	.00014	.2875
%RSD	9.9442	.80073	.17713	1.8986	6.1203	6.906	.69284	18.060

#1	.01344	.39787	.04200	.04614	.15939	.0155	.02065	1.3886
#2	.01547	.40240	.04210	.04492	.17381	.0171	.02044	1.7952

Sample Name: LLICV01 Acquired: 9/25/2018 12:00:24 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .79964
Stddev .01516
%RSD 1.8958

#1 .81036
#2 .78892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.0	49198.	4028.5	100.93	3613.1
Stddev	22.0	58.	26.1	.99	19.7
%RSD	.99587	.11851	.64737	.98186	.54639

#1	2196.5	49157.	4010.1	101.63	3599.1
#2	2227.6	49239.	4047.0	100.23	3627.0

Sample Name: ICB01 Acquired: 9/25/2018 12:04:27 Type: Unk
Method: P4-ICP2(v2455) 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	.00071	.00073	-.00055	.00090	.00160	-.00001	-.00056
Stddev	.00397	.00145	.00034	.00166	.00093	.00064	.00043
%RSD	563.04	198.35	62.428	184.43	58.266	9697.3	76.251

#1	.00352	.00176	-.00031	-.00027	.00226	.00045	-.00026
#2	-.00210	-.00029	-.00079	.00207	.00094	-.00046	-.00086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00005	.00315	-.00062	-.00002	.00005	.00770
Stddev	.00005	.00006	.01125	.00064	.00006	.00035	.00652
%RSD	155.04	117.00	356.85	102.98	254.65	700.51	84.672

#1	.00000	-.00009	.01110	-.00107	.00002	.00029	.00309
#2	-.00007	-.00001	-.00480	-.00017	-.00006	-.00020	.01232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01754	.00010	.00020	-.57657	-.00020	-.00027
Stddev	.00000	.00266	.00045	.00049	.00572	.00053	.00007
%RSD	11.201	15.145	456.77	244.83	.99216	259.97	26.774

#1	-.00000	.01566	.00041	-.00015	-.57252	.00017	-.00022
#2	-.00000	.01942	-.00022	.00055	-.58061	-.00058	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11050	-.00005	-.01040	-.00130	-.00105	.00058	.00478
Stddev	.02050	.00038	.01068	.00423	.00023	.00087	.00165
%RSD	18.551	837.73	102.67	325.75	21.797	151.04	34.649

#1	-.12499	-.00032	-.00285	-.00429	-.00088	.00120	.00361
#2	-.09600	.00022	-.01795	.00169	-.00121	-.00004	.00595

Sample Name: ICB01 Acquired: 9/25/2018 12:04:27 Type: Unk
Method: P4-ICP2(v2455) 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 -.01263	.0029	-.00003	F 2.2723	F .78449
Stddev	.01379	.0009	.00001	.2338	.22289
%RSD	109.16	33.19	31.297	10.287	28.412

#1	-.00288	.0035	-.00004	2.1070	.94210
#2	-.02239	.0022	-.00002	2.4375	.62689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.6	49181.	4047.2	102.31	3655.7
Stddev	6.3	143.	10.7	.40	7.5
%RSD	.28392	.29164	.26382	.38747	.20595

#1	2218.2	49080.	4039.7	102.03	3650.4
#2	2227.1	49283.	4054.8	102.59	3661.1

Sample Name: CRI01 Acquired: 9/25/2018 12:10:12 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02046	.05003	.01087	.02414	.05580	.11825	.10802	.00636
Stddev	.00003	.00290	.00037	.00015	.00009	.00444	.00049	.00005
%RSD	.13392	5.8042	3.3727	.62714	.16390	3.7538	.45125	.77256
#1	.02048	.04798	.01113	.02403	.05573	.11511	.10767	.00633
#2	.02044	.05209	.01061	.02424	.05586	.12139	.10836	.00640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	2.1631	.01041	.03346	.02028	.11775	.02326	2.2304
Stddev	.00010	.0151	.00020	.00005	.00018	.00184	.00011	.0226
%RSD	1.5862	.69772	1.9003	.13708	.87618	1.5597	.47004	1.0141
#1	.00639	2.1524	.01055	.03350	.02015	.11645	.02319	2.2144
#2	.00625	2.1738	.01027	.03343	.02040	.11905	.02334	2.2464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04357	.01066	1.5998	.04585	.04818	2.0065	.21215	.11270
Stddev	.00011	.00017	.0216	.00009	.00023	.0010	.00047	.00266
%RSD	.26278	1.5856	1.3499	.20121	.46989	.04992	.22082	2.3579
#1	.04349	.01054	1.5845	.04592	.04834	2.0058	.21248	.11458
#2	.04365	.01078	1.6150	.04579	.04802	2.0072	.21181	.11082
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01769	.42146	.04287	.04870	F .18271	.0181	.02095	F 2.6119
Stddev	.00242	.00171	.00083	.00027	.00689	.0020	.00015	.2132
%RSD	13.695	.40660	1.9469	.56183	3.7732	11.33	.71933	8.1611
#1	.01940	.42025	.04346	.04851	.17784	.0166	.02106	2.4612
#2	.01597	.42267	.04228	.04889	.18759	.0195	.02084	2.7627

Sample Name: CRI01 Acquired: 9/25/2018 12:10:12 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .67187
Stddev .09713
%RSD 14.456

#1 .74055
#2 .60319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.8	49020.	4012.9	101.02	3635.3
Stddev	3.5	59.	11.6	.13	4.6
%RSD	.15741	.11956	.28922	.12515	.12643

#1	2229.2	49062.	4021.1	101.10	3638.5
#2	2224.3	48979.	4004.7	100.93	3632.0

Sample Name: ICSA01 Acquired: 9/25/2018 12:14:15 Type: Unk
Method: P4-ICP2(v2455) 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	.01320	-.00442	-.00377	-.01786	.00117	285.81	.00579	.00007
Stddev	.00105	.00206	.00537	.00086	.00076	1.40	.00013	.00018
%RSD	7.9331	46.749	142.36	4.8172	64.926	.49086	2.2433	266.29
#1	.01394	-.00588	.00003	-.01847	.00171	286.80	.00588	-.00006
#2	.01246	-.00296	-.00756	-.01725	.00063	284.82	.00569	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	248.51	.05672	-.00042	.00076	102.61	.01107	268.08
Stddev	.00043	2.98	.00024	.00014	.00283	4.59	.00028	3.14
%RSD	14.135	1.2009	.41771	32.758	373.93	4.4688	2.5013	1.1708
#1	.00335	246.40	.05689	-.00052	.00276	99.363	.01088	265.86
#2	.00274	250.62	.05656	-.00032	-.00124	105.85	.01127	270.30
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.00106	-.52323	.00217	.00138	-.06654	-.00018	.02769
Stddev	.00009	.00039	.02925	.00054	.00007	.00535	.00001	.00701
%RSD	8.3581	37.149	5.5906	24.907	4.9512	8.0467	5.9579	25.308
#1	-.00116	.00078	-.54392	.00179	.00133	-.06276	-.00017	.02273
#2	-.00103	.00134	-.50255	.00255	.00142	-.07033	-.00019	.03264
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00911	-.00904	.01332	-.00026	F .04973	F .0243	F .10440	F 6.9962
Stddev	.00026	.00258	.00234	.00177	.01683	.0008	.00010	.5593
%RSD	2.8612	28.575	17.597	673.24	33.839	3.263	.09491	7.9946
#1	.00929	-.01087	.01497	.00099	.03783	.0249	.10433	7.3917
#2	.00892	-.00722	.01166	-.00151	.06163	.0237	.10447	6.6007

Sample Name: ICSA01 Acquired: 9/25/2018 12:14:15 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 18.498
Stddev	.644
%RSD	3.4808

#1	18.043
#2	18.954

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.0	44787.	4006.4	94.116	2913.5
Stddev	2.1	134.	36.8	3.980	1.1
%RSD	.10038	.29839	.91949	4.2293	.03881

#1	2064.5	44692.	4032.4	96.930	2912.7
#2	2067.5	44881.	3980.3	91.301	2914.3

Sample Name: ICSAB01 Acquired: 9/25/2018 12:18:21 Type: Unk
Method: P4-ICP2(v2455) 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	.12353	.11346	.05065	.04090	.64651	288.66	.54620	.57312
Stddev	.00033	.00275	.00070	.00346	.00316	.74	.00136	.00032
%RSD	.26922	2.4266	1.3734	8.4482	.48919	.25490	.24867	.05499
#1	.12376	.11151	.05016	.04335	.64875	288.14	.54524	.57334
#2	.12329	.11540	.05114	.03846	.64428	289.18	.54716	.57290
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1264	248.97	.59539	.53699	.48774	103.77	.55562	267.57
Stddev	.0015	.51	.00410	.00092	.00102	2.44	.00269	.17
%RSD	.13734	.20327	.68942	.17116	.20849	2.3539	.48379	.06505
#1	1.1253	248.62	.59249	.53634	.48702	105.50	.55372	267.45
#2	1.1275	249.33	.59829	.53764	.48846	102.05	.55752	267.70
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0632	.20716	-.49874	.54030	1.0753	-.04125	.00841	.02059
Stddev	.0036	.00092	.02255	.00161	.0235	.02843	.00049	.00455
%RSD	.33487	.44562	4.5215	.29861	2.1821	68.929	5.8755	22.117
#1	1.0606	.20782	-.51469	.53916	1.0919	-.06135	.00806	.02381
#2	1.0657	.20651	-.48280	.54144	1.0587	-.02114	.00876	.01737
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01508	.00635	.01835	.00805	F .04762	F .0244	.11080	F 7.4799
Stddev	.00135	.00023	.00213	.00040	.01688	.0004	.00022	.8386
%RSD	8.9272	3.6247	11.626	4.9807	35.454	1.484	.20259	11.211
#1	.01412	.00651	.01986	.00777	.05956	.0242	.11064	8.0728
#2	.01603	.00619	.01685	.00834	.03568	.0247	.11096	6.8869

Sample Name: ICSAB01 Acquired: 9/25/2018 12:18:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 19.006
Stddev .058
%RSD .30273

#1 18.965
#2 19.047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.3	44293.	3977.0	92.315	2896.5
Stddev	6.8	5.	5.2	2.235	5.2
%RSD	.33288	.01085	.13001	2.4207	.17811

#1	2047.5	44290.	3980.6	90.735	2892.8
#2	2057.2	44297.	3973.3	93.895	2900.1

Sample Name: CCV01 Acquired: 9/25/2018 12:26:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1403	5.1795	5.1539	5.1713	5.2324	10.629	10.304	.26280
Stddev	.0132	.0008	.0040	.0116	.0069	.038	.046	.00020
%RSD	.25653	.01499	.07743	.22439	.13272	.35415	.44347	.07675
#1	5.1310	5.1801	5.1567	5.1795	5.2374	10.602	10.337	.26295
#2	5.1496	5.1790	5.1511	5.1631	5.2275	10.655	10.272	.26266
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5789	25.876	1.0471	2.5696	1.2904	5.2223	2.6414	25.773
Stddev	.0008	.129	.0025	.0022	.0004	.1503	.0064	.092
%RSD	.02932	.49924	.23837	.08743	.02956	2.8778	.24258	.35641
#1	2.5784	25.967	1.0454	2.5680	1.2901	5.3286	2.6459	25.838
#2	2.5794	25.785	1.0489	2.5712	1.2906	5.1161	2.6369	25.708
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5641	1.2909	25.903	2.6210	2.6101	25.851	5.1682	5.2216
Stddev	.0062	.0059	.151	.0014	.0849	.223	.0001	.0232
%RSD	.24050	.45373	.58131	.05234	3.2513	.86208	.00276	.44513
#1	2.5597	1.2950	26.010	2.6200	2.6702	26.009	5.1683	5.2380
#2	2.5685	1.2867	25.797	2.6220	2.5501	25.694	5.1681	5.2051
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1023	5.0714	5.1307	5.2290	4.6994	5.139	5.2866	F 4.2926
Stddev	.0040	.0541	.0372	.0170	.0273	.007	.0296	.1121
%RSD	.07739	1.0668	.72451	.32578	.58067	.1403	.55905	2.6107
#1	5.1050	5.1096	5.1569	5.2170	4.7187	5.144	5.3075	4.2133
#2	5.0995	5.0331	5.1044	5.2411	4.6801	5.134	5.2657	4.3718

Sample Name: CCV01 Acquired: 9/25/2018 12:26:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6175
Stddev	.2871
%RSD	7.9372

#1	3.4144
#2	3.8205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.9	47752.	4021.7	97.858	3293.8
Stddev	3.3	85.	53.8	3.234	7.0
%RSD	.15014	.17854	1.3389	3.3048	.21202

#1	2165.6	47692.	3983.7	95.572	3288.8
#2	2170.2	47813.	4059.8	100.15	3298.7

Sample Name: CCB01 Acquired: 9/25/2018 12:29:53 Type: Unk
 Method: P4-ICP2(v2455) 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	.00128	.00176	-.00022	-.00233	.00025	-.00558	-.00156
Stddev	.00150	.00013	.00083	.00259	.00144	.00737	.00014
%RSD	116.73	7.3165	375.10	111.21	585.17	132.12	8.6586

#1	.00234	.00185	-.00080	-.00050	.00127	-.01079	-.00147
#2	.00022	.00166	.00036	-.00417	-.00077	-.00037	-.00166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00000	.00081	-.00018	-.00003	-.00011	.00560
Stddev	.00004	.00006	.01701	.00059	.00003	.00076	.00266
%RSD	3676.2	11865.	2100.4	328.82	105.09	709.25	47.464

#1	-.00003	-.00005	-.01122	-.00060	-.00001	.00043	.00748
#2	.00003	.00004	.01284	.00024	-.00005	-.00065	.00372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.02787	.00002	.00009	-.71112	-.00060	-.00026
Stddev	.00011	.03312	.00065	.00007	.00902	.00036	.00011
%RSD	196.11	118.82	2824.8	73.843	1.2688	60.743	43.038

#1	.00002	.05129	-.00044	.00004	-.70474	-.00034	-.00018
#2	-.00013	.00445	.00048	.00014	-.71750	-.00085	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10886	.00031	.00356	-.00127	-.00517	.00008	.00359
Stddev	.05064	.00008	.00054	.00444	.00196	.00067	.00095
%RSD	46.516	26.826	15.075	350.49	37.848	796.90	26.585

#1	-.14466	.00037	.00393	-.00441	-.00379	-.00039	.00292
#2	-.07305	.00025	.00318	.00187	-.00655	.00055	.00427

Sample Name: CCB01 Acquired: 9/25/2018 12:29:53 Type: Unk
 Method: P4-ICP2(v2455) 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 -.01145	.0030	-.00001	F 1.2402	F .73501
Stddev	.00053	.0009	.00002	.1732	.29039
%RSD	4.6271	28.50	302.69	13.965	39.509

#1	-.01182	.0024	.00001	1.1177	.52967
#2	-.01107	.0036	-.00002	1.3627	.94035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.4	49486.	4062.3	100.61	3668.4
Stddev	6.9	145.	3.1	.38	5.4
%RSD	.30713	.29325	.07509	.38016	.14847

#1	2225.5	49384.	4064.4	100.34	3664.5
#2	2235.2	49589.	4060.1	100.88	3672.2

Sample Name: PB113144BL Acquired: 9/25/2018 12:33:15 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He 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	.00220	-.00030	-.00017	-.00071	.00471	-.00150
Stddev	.00065	.00111	.00009	.00225	.00058	.00356	.00002
%RSD	28.238	50.651	31.241	1358.8	81.932	75.528	1.5711

#1	.00276	.00141	-.00023	.00142	-.00113	.00219	-.00151
#2	.00184	.00298	-.00037	-.00175	-.00030	.00723	-.00148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00002	.00067	-.00027	-.00002	.00020	.01948
Stddev	.00004	.00013	.00869	.00036	.00019	.00036	.00496
%RSD	78.389	729.33	1290.1	136.58	1120.1	176.02	25.440

#1	-.00002	-.00011	-.00547	-.00001	-.00015	-.00005	.02299
#2	-.00008	.00008	.00681	-.00053	.00012	.00045	.01598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.05926	.00003	-.00002	-.73198	.00046	-.00027
Stddev	.00001	.05222	.00004	.00027	.01735	.00049	.00005
%RSD	13.781	88.119	137.48	1731.0	2.3710	106.64	16.585

#1	-.00006	-.09618	.00006	-.00021	-.74425	.00080	-.00024
#2	-.00005	-.02233	.00000	.00018	-.71971	.00011	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11161	.00013	-.00785	-.00365	.00102	-.00010	.00372
Stddev	.03411	.00030	.01382	.00053	.00167	.00012	.00284
%RSD	30.567	234.20	176.11	14.583	164.18	115.04	76.480

#1	-.08749	-.00009	-.01762	-.00403	-.00016	-.00019	.00171
#2	-.13573	.00034	.00193	-.00327	.00220	-.00002	.00573

Sample Name: PB113144BL Acquired: 9/25/2018 12:33:15 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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 -.01764	.0003	.00001	F 1.2051	F .61984
Stddev	.00266	.0006	.00002	1.1288	.52055
%RSD	15.055	172.3	152.12	93.667	83.982

#1	-.01952	.0007	.00003	2.0033	.98793
#2	-.01576	-.0001	-.00000	.40694	.25175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.6	49434.	4041.1	101.50	3672.1
Stddev	2.8	182.	15.4	.92	.9
%RSD	.12650	.36838	.38082	.90195	.02506

#1	2238.6	49305.	4052.0	102.15	3672.8
#2	2242.6	49562.	4030.2	100.85	3671.5

Sample Name: PB113113BS Acquired: 9/25/2018 12:37:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80821	2.0801	.97064	2.0724	.78616	1.9709	.19595
Stddev	.00038	.0045	.00141	.0056	.00186	.0509	.00172
%RSD	.04748	.21670	.14553	.26910	.23678	2.5820	.88017

#1	.80848	2.0769	.96964	2.0764	.78747	2.0068	.19717
#2	.80794	2.0833	.97164	2.0685	.78484	1.9349	.19473

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19919	.20039	.98754	.40038	.19137	.29472	2.9389
Stddev	.00074	.00015	.00321	.00378	.00056	.00124	.0004
%RSD	.37401	.07643	.32511	.94435	.29408	.42025	.01389

#1	.19971	.20028	.98527	.40306	.19176	.29560	2.9386
#2	.19866	.20050	.98981	.39771	.19097	.29384	2.9392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20803	1.9672	.48058	.07234	F 2.2824	.30095	.19834
Stddev	.00021	.0287	.00018	.00041	.0017	.00186	.00307
%RSD	.10225	1.4610	.03803	.57109	.07363	.61863	1.5464

#1	.20818	1.9469	.48071	.07263	2.2812	.30227	.19617
#2	.20788	1.9876	.48045	.07205	2.2836	.29964	.20051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7562	.39636	.28434	F -.00387	.89183	.66257	.20491
Stddev	.0183	.00128	.00193	.00298	.00691	.00470	.00019
%RSD	.18780	.32357	.67975	77.089	.77473	.70893	.09411

#1	9.7692	.39727	.28297	-.00176	.88694	.65925	.20504
#2	9.7433	.39546	.28571	-.00598	.89671	.66589	.20477

Sample Name: PB113113BS Acquired: 9/25/2018 12:37:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 1.7053	5.314	.19573	F 2.7734	F .39190
Stddev	.0191	.001	.00016	.5361	.29118
%RSD	1.1185	.0228	.08430	19.330	74.300

#1	1.7188	5.315	.19561	3.1524	.18600
#2	1.6918	5.313	.19584	2.3943	.59779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.6	49181.	4076.3	102.70	3579.3
Stddev	5.4	194.	29.4	1.45	4.0
%RSD	.24242	.39363	.72162	1.4162	.11076

#1	2222.8	49044.	4097.1	103.72	3576.5
#2	2230.4	49318.	4055.5	101.67	3582.1

Sample Name: PB113146BL Acquired: 9/25/2018 12:41:15 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	.00049	-.00044	-.00025	.00013	.02107	-.00086
Stddev	.00057	.00112	.00108	.00112	.00047	.01800	.00010
%RSD	35.918	226.77	244.70	440.18	362.04	85.406	11.867

#1	.00118	.00128	.00032	-.00104	-.00020	.00835	-.00093
#2	.00198	-.00030	-.00121	.00054	.00046	.03379	-.00079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00016	-.01116	-.00020	.00002	.00000	.00532
Stddev	.00007	.00001	.00517	.00000	.00008	.00018	.00379
%RSD	417.24	3.2351	46.307	1.6340	385.41	5390.8	71.191

#1	-.00007	-.00017	-.00750	-.00020	.00008	.00013	.00799
#2	.00003	-.00016	-.01481	-.00020	-.00004	-.00012	.00264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01147	.00005	.00023	-.75039	-.00038	-.00020
Stddev	.00004	.07718	.00007	.00043	.01214	.00014	.00005
%RSD	101.86	672.94	134.03	185.25	1.6181	36.542	24.536

#1	-.00001	.04311	.00000	.00054	-.75897	-.00048	-.00024
#2	-.00008	-.06605	.00010	-.00007	-.74180	-.00028	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.13260	.00005	-.00346	-.00347	.00046	.00021	.00138
Stddev	.01649	.00007	.01679	.00045	.00299	.00015	.00165
%RSD	12.436	157.75	485.07	13.032	652.35	71.799	119.83

#1	-.14426	.00010	.00841	-.00379	-.00165	.00010	.00254
#2	-.12094	-.00001	-.01533	-.00315	.00257	.00031	.00021

Sample Name: PB113146BL Acquired: 9/25/2018 12:41:15 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 -.01551	-.0000	.00000	F .91428	F .26743
Stddev	.01322	.0008	.00007	.05872	.34554
%RSD	85.219	8181.	5110.2	6.4224	129.21

#1	-.00616	-.0006	.00005	.95581	.02310
#2	-.02485	.0005	-.00005	.87276	.51176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.1	49691.	4078.0	102.94	3690.0
Stddev	2.0	1.	28.6	.96	1.2
%RSD	.09111	.00287	.70021	.92786	.03161

#1	2240.6	49690.	4057.8	103.61	3689.2
#2	2237.7	49692.	4098.2	102.26	3690.8

Sample Name: PB113146BS Acquired: 9/25/2018 12:45:22 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80397	2.0697	.96781	2.0552	.78297	1.9567	.19474
Stddev	.00001	.0027	.00173	.0041	.00094	.0128	.00070
%RSD	.00161	.13094	.17832	.19937	.11943	.65575	.35771

#1	.80396	2.0678	.96659	2.0581	.78363	1.9476	.19524
#2	.80398	2.0716	.96903	2.0523	.78231	1.9657	.19425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19891	.19950	.97275	.40279	.19057	.29321	2.9175
Stddev	.00043	.00022	.02856	.00171	.00036	.00051	.0423
%RSD	.21642	.11019	2.9362	.42497	.18764	.17308	1.4491

#1	.19861	.19966	.95255	.40158	.19082	.29357	2.8876
#2	.19921	.19935	.99295	.40400	.19032	.29285	2.9474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20744	1.9289	.47894	.07188	F 2.2733	.30170	.19596
Stddev	.00053	.0180	.00122	.00015	.0058	.00176	.00141
%RSD	.25701	.93237	.25542	.21454	.25598	.58461	.71925

#1	.20706	1.9162	.47981	.07199	2.2692	.30046	.19497
#2	.20781	1.9416	.47808	.07177	2.2774	.30295	.19696

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6673	.39421	.29283	F -.00754	.88246	.66327	.20169
Stddev	.0185	.00037	.00647	.00042	.00166	.00146	.00186
%RSD	.19108	.09370	2.2094	5.6009	.18811	.22044	.92383

#1	9.6804	.39395	.28825	-.00784	.88363	.66430	.20037
#2	9.6543	.39447	.29740	-.00724	.88128	.66223	.20301

Sample Name: PB113146BS Acquired: 9/25/2018 12:45:22 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 1.7062	5.303	.19536	F 2.1797	F .35480
Stddev	.0078	.002	.00056	.2760	.02436
%RSD	.45728	.0301	.28574	12.663	6.8648

#1	1.7007	5.302	.19575	2.3748	.37202
#2	1.7117	5.304	.19497	1.9845	.33757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.5	49149.	4088.0	103.60	3584.8
Stddev	6.7	24.	8.5	.63	6.7
%RSD	.30115	.04806	.20835	.61272	.18756

#1	2222.7	49165.	4082.0	104.05	3580.0
#2	2232.2	49132.	4094.0	103.15	3589.5

Sample Name: PB113146TB Acquired: 9/25/2018 12:49:15 Type: Unk
Method: P4-ICP2(v2455) 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	.00078	-.00379	.00020	.00174	-.00048	-.00195	-.00144	-.00009
Stddev	.00032	.00020	.00021	.00065	.00015	.01055	.00025	.00001
%RSD	40.679	5.3794	105.45	37.265	31.664	542.05	17.299	7.5780
#1	.00100	-.00393	.00005	.00128	-.00037	.00551	-.00162	-.00009
#2	.00055	-.00364	.00035	.00220	-.00059	-.00941	-.00127	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.06170	.00061	-.00011	.00013	.01902	.00009	-.00785
Stddev	.00006	.00484	.00063	.00003	.00050	.00183	.00001	.05141
%RSD	29.595	7.8496	103.00	31.775	372.94	9.6494	16.130	654.84
#1	-.00015	.05827	.00106	-.00008	-.00022	.02031	.00008	.02850
#2	-.00023	.06512	.00017	-.00013	.00049	.01772	.00010	-.04421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00056	F 318.10	-.00067	.01555	-.09075	.00012	.00208
Stddev	.00040	.00058	1.87	.00058	.00050	.02224	.00007	.00308
%RSD	103.31	103.76	.58652	87.198	3.2284	24.505	61.874	148.19
#1	.00010	-.00098	316.78	-.00026	.01519	-.07502	.00007	-.00010
#2	.00066	-.00015	319.42	-.00108	.01590	-.10647	.00017	.00426
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	.00719	.00323	.00414	-.02574	.0010	.00010	F 5.6166
Stddev	.00138	.00105	.00174	.00095	.01002	.0016	.00007	.2841
%RSD	25.010	14.558	53.835	23.023	38.941	163.3	72.813	5.0577
#1	.00651	.00645	.00446	.00481	-.01865	.0021	.00015	5.4157
#2	.00455	.00793	.00200	.00346	-.03283	-.0001	.00005	5.8174

Sample Name: PB113146TB Acquired: 9/25/2018 12:49:15 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6894
Stddev .4600
%RSD 17.103

#1 2.3641
#2 3.0146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.3	46185.	4080.6	100.23	3229.0
Stddev	8.8	53.	17.0	2.20	12.8
%RSD	.41964	.11447	.41589	2.1961	.39782

#1	2099.0	46222.	4092.6	101.79	3219.9
#2	2111.5	46148.	4068.6	98.673	3238.0

Sample Name: PB113114BL Acquired: 9/25/2018 12:53:23 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113114BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	.00305	-.00123	-.00265	.00020	-.00042	-.00091
Stddev	.00292	.00121	.00024	.00041	.00037	.00195	.00009
%RSD	115.64	39.592	19.912	15.486	182.22	469.54	9.7894

#1	-.00046	.00219	-.00140	-.00294	-.00006	.00097	-.00098
#2	-.00458	.00390	-.00105	-.00236	.00046	-.00180	-.00085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00001	-.00429	-.00046	.00015	.00016	.01276
Stddev	.00001	.00007	.00036	.00024	.00005	.00015	.00801
%RSD	29.066	610.45	8.3244	51.362	35.213	94.940	62.814

#1	-.00005	.00004	-.00454	-.00029	.00019	.00005	.00709
#2	-.00003	-.00006	-.00403	-.00063	.00011	.00026	.01842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00855	-.00019	-.00030	-.72351	.00004	-.00029
Stddev	.00004	.04096	.00064	.00025	.01838	.00067	.00008
%RSD	65.503	479.26	329.95	84.098	2.5406	1552.4	28.822

#1	-.00009	.02042	.00026	-.00048	-.73651	.00051	-.00035
#2	-.00003	-.03751	-.00065	-.00012	-.71052	-.00043	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15034	.00022	-.00526	-.00259	-.00617	.00073	.00015
Stddev	.03905	.00041	.01512	.00021	.00161	.00073	.00067
%RSD	25.973	184.72	287.35	8.1000	26.187	99.717	442.97

#1	-.12273	-.00007	.00543	-.00244	-.00731	.00124	.00062
#2	-.17795	.00051	-.01595	-.00274	-.00502	.00022	-.00032

Sample Name: PB113114BL Acquired: 9/25/2018 12:53:23 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113114BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01571	.0010	-.00003	F 1.7859	F .67826
Stddev	.00268	.0008	.00002	.0068	.25567
%RSD	17.083	81.91	79.157	.38027	37.695

#1	-.01381	.0004	-.00004	1.7811	.85904
#2	-.01761	.0016	-.00001	1.7907	.49748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.2	49557.	4075.8	103.02	3687.2
Stddev	14.9	125.	61.3	2.18	24.3
%RSD	.66462	.25255	1.5035	2.1205	.65859

#1	2235.7	49468.	4032.4	101.48	3670.0
#2	2256.8	49645.	4119.1	104.57	3704.3

Sample Name: PB113147BS Acquired: 9/25/2018 12:57:26 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113114BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80812	2.0740	.96940	2.0615	.78193	1.9430	.19298
Stddev	.00621	.0002	.00091	.0011	.00515	.0050	.00124
%RSD	.76834	.01039	.09433	.05425	.65874	.25903	.64387

#1	.81251	2.0741	.97004	2.0623	.78557	1.9395	.19210
#2	.80373	2.0738	.96875	2.0607	.77829	1.9466	.19386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19890	.20007	.98948	.40198	.19130	.29375	2.9874
Stddev	.00080	.00002	.01224	.00116	.00043	.00009	.1114
%RSD	.40097	.00885	1.2368	.28923	.22569	.03089	3.7292

#1	.19946	.20008	.98082	.40280	.19161	.29369	3.0661
#2	.19834	.20006	.99813	.40115	.19100	.29381	2.9086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20777	1.9358	.47942	.07206	F 2.3009	.30245	.20192
Stddev	.00058	.0852	.00042	.00069	.0026	.00041	.00585
%RSD	.27986	4.4016	.08746	.96044	.11420	.13483	2.8959

#1	.20818	1.8756	.47972	.07255	2.2990	.30274	.20605
#2	.20736	1.9961	.47913	.07157	2.3027	.30216	.19778

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6150	.39545	.29385	F -.01269	.90180	.66441	.20154
Stddev	.0353	.00002	.00436	.00066	.00225	.00183	.00222
%RSD	.36748	.00480	1.4832	5.1913	.24969	.27498	1.1037

#1	9.5900	.39543	.29693	-.01223	.90020	.66312	.19997
#2	9.6399	.39546	.29077	-.01316	.90339	.66571	.20312

Sample Name: PB113147BS Acquired: 9/25/2018 12:57:26 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113114BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.7286	F 5.291	F .19592	F 1.8405	.64903
Stddev	.0270	.003	.00040	.0082	.19412
%RSD	1.5589	.0467	.20638	.44740	29.909

#1	1.7096	5.289	.19563	1.8347	.51176
#2	1.7477	5.293	.19620	1.8463	.78629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.0	49372.	4054.9	101.12	3587.9
Stddev	11.2	36.	14.3	3.40	17.7
%RSD	.50366	.07331	.35233	3.3645	.49451

#1	2222.0	49346.	4065.0	98.714	3575.4
#2	2237.9	49397.	4044.8	103.53	3600.5

Sample Name: J4980-16DL2X4 Acquired: 9/25/2018 13:01:18 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	.00221	.00047	.00147	.00019	-.00025	.01985	-.00009
Stddev	.00175	.00091	.00014	.00015	.00009	.01309	.00041	.00002
%RSD	101.92	41.150	29.374	10.017	49.405	5248.3	2.0507	24.523

#1	.00048	.00157	.00056	.00158	.00012	.00901	.02013	-.00011
#2	.00296	.00286	.00037	.00137	.00025	-.00951	.01956	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	10.549	.00111	.00002	-.00009	.07430	.00048	1.6059
Stddev	.00002	.045	.00024	.00040	.00028	.00385	.00009	.0037
%RSD	7.8581	.42353	22.028	1725.6	326.01	5.1840	17.792	.23170

#1	.00026	10.518	.00128	.00031	.00011	.07158	.00042	1.6032
#2	.00029	10.581	.00094	-.00026	-.00029	.07703	.00054	1.6085

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00023	28.581	-.00020	.00313	2.0222	-.00020	.02731
Stddev	.00025	.00042	.044	.00005	.00013	.0074	.00009	.00145
%RSD	69.206	179.54	.15456	24.601	4.1953	.36684	43.961	5.3265

#1	.00019	.00053	28.550	-.00024	.00303	2.0274	-.00014	.02628
#2	.00055	-.00006	28.612	-.00017	.00322	2.0169	-.00026	.02834

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0176	1.5384	-.00069	.00186	-.00781	.0013	.05934	1.8978
Stddev	.0184	.0045	.00047	.00138	.00189	.0028	.00033	.3353
%RSD	.60903	.29229	67.596	73.951	24.258	209.5	.55414	17.668

#1	3.0046	1.5416	-.00036	.00089	-.00915	-.0006	.05957	1.6607
#2	3.0306	1.5352	-.00102	.00284	-.00647	.0033	.05910	2.1349

Sample Name: J4980-16DL2X4 Acquired: 9/25/2018 13:01:18 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1292
Stddev	.1771
%RSD	15.682

#1	1.0040
#2	1.2544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.6	48760.	4057.4	102.75	3512.3
Stddev	8.0	61.	11.2	.11	2.7
%RSD	.36436	.12540	.27697	.10431	.07710

#1	2186.0	48803.	4049.4	102.67	3510.4
#2	2197.2	48717.	4065.3	102.82	3514.2

Sample Name: J4980-17DL2X4 Acquired: 9/25/2018 13:05:19 Type: Unk
Method: P4-ICP2(v2455) 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	.00288	.00048	-.00034	.00049	-.00046	.00708	.00981	-.00004
Stddev	.00067	.00015	.00071	.00017	.00285	.00148	.00021	.00002
%RSD	23.296	31.734	208.99	33.979	624.56	20.939	2.1788	63.079

#1	.00336	.00059	.00016	.00037	-.00248	.00603	.00966	-.00005
#2	.00241	.00037	-.00084	.00061	.00156	.00813	.00996	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	8.7771	.00166	.00025	.00120	.00884	.00054	1.5507
Stddev	.00003	.0061	.00052	.00009	.00015	.01373	.00001	.0963
%RSD	20.615	.06969	31.264	37.016	12.514	155.38	1.9636	6.2070

#1	-.00018	8.7814	.00129	.00032	.00109	-.00087	.00053	1.4826
#2	-.00014	8.7727	.00203	.00019	.00130	.01854	.00054	1.6187

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00011	27.197	.00028	.00460	1.6571	.00008	.04040
Stddev	.00004	.00030	.091	.00048	.00019	.0251	.00036	.01081
%RSD	8.0817	271.17	.33371	173.15	4.1599	1.5139	440.39	26.753

#1	.00044	.00010	27.261	.00062	.00474	1.6749	.00033	.03276
#2	.00049	-.00033	27.133	-.00006	.00447	1.6394	-.00017	.04804

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8108	2.0505	-.00218	.00336	-.00907	.0060	.05431	3.5225
Stddev	.0073	.0024	.00010	.00242	.00621	.0018	.00040	.2078
%RSD	.15145	.11500	4.6801	71.890	68.402	30.57	.73509	5.8997

#1	4.8160	2.0489	-.00211	.00507	-.01346	.0073	.05403	3.6695
#2	4.8057	2.0522	-.00225	.00165	-.00468	.0047	.05460	3.3756

Sample Name: J4980-17DL2X4 Acquired: 9/25/2018 13:05:19 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1490
Stddev .8037
%RSD 69.949

#1 .58071
#2 1.7174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.9	48072.	4040.6	99.211	3526.7
Stddev	5.4	82.	2.8	2.965	16.9
%RSD	.24657	.17139	.06982	2.9882	.48060

#1	2189.1	48014.	4038.6	97.115	3514.7
#2	2196.7	48130.	4042.6	101.31	3538.7

Sample Name: J4980-18DL2X4 Acquired: 9/25/2018 13:08:44 Type: Unk
Method: P4-ICP2(v2455) 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	.00537	.00068	.00003	-.00067	.00061	.00788	.00899	-.00004
Stddev	.00130	.00111	.00064	.00204	.00159	.01832	.00053	.00007
%RSD	24.227	163.10	2345.4	303.25	261.95	232.50	5.8860	183.78

#1	.00629	-.00010	.00048	.00077	.00173	.02083	.00862	.00001
#2	.00445	.00147	-.00042	-.00211	-.00052	-.00507	.00936	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	8.8374	.00267	.00028	.00036	.01978	.00058	1.5249
Stddev	.00015	.0588	.00003	.00013	.00028	.00362	.00003	.0395
%RSD	115.01	.66523	1.0376	46.618	77.671	18.304	5.6305	2.5905

#1	-.00002	8.7958	.00265	.00019	.00056	.02234	.00061	1.4970
#2	-.00023	8.8790	.00269	.00037	.00016	.01722	.00056	1.5528

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00029	27.452	-.00000	.00582	1.7050	.00013	.03440
Stddev	.00032	.00014	.135	.00012	.00012	.0169	.00001	.00090
%RSD	22.157	49.296	.49330	2396.0	2.0872	.99292	5.3813	2.6046

#1	.00165	.00039	27.356	.00008	.00574	1.6931	.00013	.03377
#2	.00120	.00019	27.547	-.00009	.00591	1.7170	.00012	.03504

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8645	2.1024	-.00125	.00138	.00202	.0058	.05501	2.1315
Stddev	.0310	.0289	.00032	.00096	.02790	.0017	.00013	.3257
%RSD	.63695	1.3720	25.827	69.412	1380.1	30.22	.22886	15.282

#1	4.8865	2.0820	-.00148	.00206	-.01770	.0045	.05492	2.3618
#2	4.8426	2.1228	-.00102	.00070	.02175	.0070	.05510	1.9012

Sample Name: J4980-18DL2X4 Acquired: 9/25/2018 13:08:44 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .73346
 Stddev .13182
 %RSD 17.972

#1 .82668
 #2 .64025

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.1	48691.	4063.3	100.83	3542.7
Stddev	8.5	84.	18.3	.66	18.0
%RSD	.38680	.17152	.45106	.64995	.50696

#1	2202.0	48750.	4076.2	101.29	3530.0
#2	2214.1	48632.	4050.3	100.36	3555.4

Sample Name: CCV02 Acquired: 9/25/2018 13:12:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0784	5.1253	5.1077	5.1403	5.1963	10.746	10.017	.26083
Stddev	.0140	.0233	.0075	.0130	.0068	.131	.016	.00121
%RSD	.27501	.45420	.14587	.25260	.13039	1.2219	.15493	.46344
#1	5.0883	5.1417	5.1130	5.1495	5.2011	10.839	10.006	.26169
#2	5.0685	5.1088	5.1024	5.1311	5.1915	10.653	10.028	.25998
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5617	25.711	1.0373	2.5541	1.2807	5.2126	2.6322	25.678
Stddev	.0068	.162	.0008	.0048	.0047	.0700	.0068	.419
%RSD	.26426	.63054	.07587	.18718	.36564	1.3424	.25780	1.6324
#1	2.5665	25.596	1.0367	2.5575	1.2840	5.1631	2.6370	25.381
#2	2.5569	25.826	1.0379	2.5507	1.2774	5.2621	2.6274	25.974
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5426	1.2820	25.610	2.6095	2.5761	25.569	5.1081	5.1989
Stddev	.0107	.0045	.083	.0054	.0345	.136	.0078	.0234
%RSD	.42032	.35107	.32590	.20557	1.3402	.53109	.15225	.45113
#1	2.5502	1.2851	25.551	2.6133	2.5517	25.473	5.1136	5.1823
#2	2.5351	1.2788	25.669	2.6057	2.6005	25.665	5.1026	5.2154
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0575	4.9496	5.0903	5.2137	4.6713	5.108	5.2482	F 4.2659
Stddev	.0218	.0540	.0329	.0351	.0360	.020	.0176	.3027
%RSD	.43068	1.0908	.64714	.67269	.77096	.3879	.33440	7.0953
#1	5.0729	4.9114	5.1136	5.1889	4.6968	5.122	5.2357	4.4800
#2	5.0421	4.9878	5.0670	5.2385	4.6458	5.094	5.2606	4.0519

Sample Name: CCV02 Acquired: 9/25/2018 13:12:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9466
Stddev .1479
%RSD 5.0193

#1 2.8421
#2 3.0512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.2	47731.	4047.2	98.327	3296.8
Stddev	7.1	253.	35.0	1.181	13.6
%RSD	.32696	.53098	.86451	1.2014	.41154

#1	2163.2	47551.	4071.9	99.162	3287.2
#2	2173.2	47910.	4022.5	97.492	3306.4

Sample Name: CCB02 Acquired: 9/25/2018 13:16:30 Type: Unk
Method: P4-ICP2(v2455) 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	.00370	.00200	-.00113	-.00285	-.00071	.00505	-.00064	-.00006
Stddev	.00339	.00046	.00042	.00052	.00060	.00703	.00031	.00000
%RSD	91.589	23.099	37.336	18.184	84.339	139.22	48.550	1.9812
#1	.00130	.00167	-.00143	-.00248	-.00029	.00008	-.00042	-.00006
#2	.00610	.00232	-.00083	-.00321	-.00113	.01002	-.00086	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00933	-.00017	.00016	-.00023	.00623	-.00001	-.04413
Stddev	.00010	.00976	.00024	.00021	.00046	.01250	.00003	.00646
%RSD	1818.7	104.63	140.06	129.92	195.99	200.66	186.99	14.651
#1	.00007	-.01623	-.00034	.00001	-.00055	-.00261	.00000	-.03955
#2	-.00006	-.00243	-.00000	.00031	.00009	.01507	-.00003	-.04870
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00023	-.76433	.00019	-.00031	-.14087	.00046	-.00699
Stddev	.00012	.00014	.00630	.00004	.00010	.02387	.00004	.00665
%RSD	57.905	59.504	.82373	19.691	33.761	16.944	7.8200	95.199
#1	.00030	.00033	-.76879	.00022	-.00038	-.15775	.00048	-.01169
#2	.00012	.00013	-.75988	.00016	-.00023	-.12400	.00043	-.00228
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00401	.00035	.00248	-.00310	-.0008	.00007	F 1.3660
Stddev	.00418	.00424	.00032	.00035	.00336	.0007	.00009	.1174
%RSD	613.76	105.79	91.697	14.282	108.57	89.25	119.89	8.5925
#1	-.00364	-.00701	.00012	.00273	-.00548	-.0013	.00013	1.4490
#2	.00227	-.00101	.00058	.00223	-.00072	-.0003	.00001	1.2830

Sample Name: CCB02 Acquired: 9/25/2018 13:16:30 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .71241
Stddev .06530
%RSD 9.1658

#1 .66624
#2 .75858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.7	49536.	4050.2	101.57	3681.8
Stddev	5.5	381.	18.6	.00	4.8
%RSD	.24731	.76958	.45821	.00105	.13169

#1	2235.8	49267.	4037.1	101.57	3678.4
#2	2243.7	49806.	4063.3	101.57	3685.2

Sample Name: J4993-07 Acquired: 9/25/2018 13:20:35 Type: Unk
Method: P4-ICP2(v2455) 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	.00268	.00145	.00231	-.00247	-.00078	.11385	.05653	.00007
Stddev	.00203	.00176	.00037	.00008	.00052	.00655	.00048	.00001
%RSD	75.692	121.39	16.137	3.1808	67.213	5.7571	.84169	12.542

#1	.00124	.00269	.00204	-.00253	-.00041	.10921	.05619	.00006
#2	.00411	.00021	.00257	-.00242	-.00115	.11848	.05687	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	4.0314	.00172	.00031	.01069	.79886	.08177	.19181
Stddev	.00009	.0046	.00015	.00009	.00070	.01238	.00073	.03099
%RSD	73.543	.11436	8.6603	28.814	6.5111	1.5497	.89246	16.159

#1	.00006	4.0281	.00183	.00025	.01119	.80762	.08125	.21372
#2	.00019	4.0346	.00162	.00038	.01020	.79011	.08229	.16989

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00019	.53800	.00079	.03761	1.2246	.00009	.00873
Stddev	.00002	.00009	.01527	.00034	.00032	.0027	.00010	.00038
%RSD	.70776	46.479	2.8381	42.927	.85290	.22476	104.18	4.3166

#1	.00265	-.00013	.52721	.00102	.03784	1.2265	.00016	.00847
#2	.00262	-.00025	.54880	.00055	.03738	1.2226	.00002	.00900

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56581	.57841	-.00155	.01178	-.01508	.0204	.04475	3.1965
Stddev	.00288	.00907	.00063	.00224	.00221	.0007	.00016	.2214
%RSD	.50877	1.5676	40.825	19.034	14.685	3.219	.35175	6.9272

#1	.56377	.58482	-.00200	.01337	-.01664	.0200	.04464	3.0399
#2	.56784	.57199	-.00110	.01020	-.01351	.0209	.04486	3.3530

Sample Name: J4993-07 Acquired: 9/25/2018 13:20:35 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .91654
Stddev .41831
%RSD 45.640

#1 .62075
#2 1.2123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.4	48913.	4109.5	104.25	3630.7
Stddev	9.3	132.	.9	1.04	14.6
%RSD	.42053	.26991	.02284	1.0005	.40289

#1	2210.8	49006.	4108.8	103.51	3620.4
#2	2224.0	48819.	4110.1	104.99	3641.0

Sample Name: J4993-07DUP Acquired: 9/25/2018 13:24:38 Type: Unk
Method: P4-ICP2(v2455) 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	.00001	.00117	.00156	-.00145	-.00153	.12116	.05830	.00006
Stddev	.00393	.00066	.00033	.00392	.00123	.00581	.00013	.00008
%RSD	77695.	56.273	21.049	270.63	80.014	4.7937	.22224	129.99

#1	.00278	.00070	.00133	.00132	-.00240	.11705	.05840	.00012
#2	-.00277	.00163	.00179	-.00423	-.00066	.12526	.05821	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	4.1461	.00118	.00034	.01097	.83209	.08401	.25645
Stddev	.00008	.0563	.00061	.00031	.00045	.02148	.00042	.00262
%RSD	47.354	1.3568	51.713	92.270	4.0982	2.5811	.50523	1.0207

#1	.00011	4.1063	.00161	.00012	.01065	.84728	.08371	.25830
#2	.00021	4.1858	.00075	.00056	.01129	.81690	.08431	.25460

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	-.00006	.56629	.00052	.03932	1.2447	.00017	.00344
Stddev	.00002	.00019	.00236	.00017	.00097	.0003	.00034	.00179
%RSD	.70743	322.83	.41727	33.068	2.4767	.02480	198.61	52.145

#1	.00281	.00008	.56796	.00040	.03863	1.2445	-.00007	.00217
#2	.00284	-.00020	.56462	.00064	.04001	1.2449	.00041	.00470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58067	.60086	-.00028	.01101	-.02059	.0184	.04618	2.1845
Stddev	.00282	.00989	.00079	.00113	.00138	.0004	.00009	.9284
%RSD	.48592	1.6461	282.03	10.219	6.7011	2.359	.18826	42.499

#1	.57868	.59387	-.00084	.01022	-.02157	.0187	.04612	2.8410
#2	.58267	.60785	.00028	.01181	-.01962	.0181	.04624	1.5280

Sample Name: J4993-07DUP Acquired: 9/25/2018 13:24:38 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.88842
Stddev	.06638
%RSD	7.4719

#1	.93536
#2	.84148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.6	49003.	4087.7	102.93	3630.8
Stddev	6.9	131.	36.4	1.39	7.6
%RSD	.31007	.26688	.89111	1.3505	.20956

#1	2209.7	48910.	4113.4	103.91	3625.4
#2	2219.4	49095.	4061.9	101.95	3636.2

Sample Name: J4993-07LX5 Acquired: 9/25/2018 13:28:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	.00074	-.00049	.00076	.00057	.03592	.01155	-.00001
Stddev	.00604	.00200	.00055	.00518	.00185	.00335	.00020	.00002
%RSD	161.68	271.04	113.28	680.55	323.92	9.3170	1.7088	233.05

#1	.00801	.00215	-.00010	-.00290	-.00074	.03829	.01141	.00001
#2	-.00054	-.00067	-.00088	.00442	.00188	.03355	.01169	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.86199	.00208	.00012	.00253	.19029	.01768	.05840
Stddev	.00007	.01339	.00055	.00004	.00016	.01541	.00028	.03540
%RSD	178.36	1.5539	26.617	30.967	6.2243	8.0979	1.5631	60.617

#1	.00001	.85252	.00247	.00014	.00265	.20118	.01787	.08343
#2	-.00009	.87146	.00169	.00009	.00242	.17939	.01748	.03337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00016	-.51483	.00007	.00803	.13530	.00019	-.01320
Stddev	.00012	.00019	.00593	.00060	.00022	.02351	.00004	.01225
%RSD	6.1257	120.80	1.1515	828.90	2.7702	17.376	23.373	92.799

#1	.00200	-.00002	-.51903	-.00035	.00819	.15193	.00016	-.02186
#2	.00183	-.00030	-.51064	.00049	.00787	.11868	.00022	-.00454

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11641	.12220	.00026	.00558	-.00699	.0049	.00971	1.1591
Stddev	.00018	.00778	.00007	.00011	.01015	.0021	.00016	.1472
%RSD	.15461	6.3685	25.851	1.9910	145.14	43.79	1.6867	12.697

#1	.11654	.12770	.00022	.00550	-.01417	.0034	.00983	1.0551
#2	.11629	.11669	.00031	.00566	.00018	.0064	.00959	1.2632

Sample Name: J4993-07LX5 Acquired: 9/25/2018 13:28:42 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0690
 Stddev .4403
 %RSD 41.186

#1 .75771
 #2 1.3804

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.7	49203.	4097.3	102.46	3644.3
Stddev	2.3	129.	36.2	2.38	16.4
%RSD	.10514	.26267	.88345	2.3261	.45053

#1	2221.1	49112.	4071.7	100.77	3632.7
#2	2224.4	49295.	4122.9	104.14	3655.9

Sample Name: J4993-07MS Acquired: 9/25/2018 13:32:48 Type: Unk
Method: P4-ICP2(v2455) 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	.82693	2.1289	.99299	2.1452	.81328	2.1067	.24321	.20141	.20452
Stddev	.00809	.0307	.01023	.0136	.01269	.0291	.00112	.00025	.00225
%RSD	.97889	1.4409	1.0298	.63268	1.5607	1.3797	.45863	.12500	1.1009

#1	.82121	2.1072	.98575	2.1356	.80431	2.1273	.24242	.20159	.20293
#2	.83265	2.1506	1.0002	2.1548	.82226	2.0862	.24400	.20123	.20611

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7534	.40271	.19511	.31224	3.6395	.28251	2.1443	.49413	.07248
Stddev	.0096	.00089	.00344	.00474	.0373	.00090	.0705	.00709	.00020
%RSD	.20267	.22148	1.7626	1.5176	1.0260	.31847	3.2867	1.4348	.26910

#1	4.7602	.40208	.19268	.30888	3.6131	.28188	2.0944	.48912	.07234
#2	4.7466	.40334	.19754	.31559	3.6659	.28315	2.1941	.49915	.07262

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4788	.30542	.25881	10.956	.40249	.30431	.52274	1.4145	.67687
Stddev	.0174	.00134	.00655	.007	.00443	.00752	.00837	.0301	.00936
%RSD	.49988	.43810	2.5317	.06745	1.1002	2.4715	1.6006	2.1251	1.3834

#1	3.4665	.30447	.25418	10.951	.39936	.29899	.51682	1.3932	.67025
#2	3.4911	.30636	.26345	10.962	.40562	.30963	.52865	1.4357	.68349

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20867	1.7063	5.505	.23238	2.4485	.50368
Stddev	.00374	.0012	.067	.00140	.3448	.14140
%RSD	1.7908	.07028	1.223	.60158	14.082	28.074

#1	.20603	1.7055	5.457	.23139	2.6923	.40369
#2	.21132	1.7072	5.552	.23337	2.2047	.60367

Sample Name: J4993-07MS Acquired: 9/25/2018 13:32:48 Type: Unk
Method: P4-ICP2(v2455) 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	2213.1	48900.	4111.6	103.46	3564.1
Stddev	6.0	179.	38.2	1.26	5.3
%RSD	.27265	.36618	.93019	1.2178	.15000
#1	2208.9	48773.	4138.7	104.35	3560.3
#2	2217.4	49026.	4084.6	102.57	3567.9

Sample Name: J4993-07MSD Acquired: 9/25/2018 13:36:41 Type: Unk
Method: P4-ICP2(v2455) 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	.91959	2.3682	1.1117	2.3998	.90977	2.3153	.26747	.22429	.22768
Stddev	.00105	.0177	.0131	.0235	.00821	.0020	.00219	.00190	.00172
%RSD	.11418	.74657	1.1737	.97792	.90194	.08737	.81745	.84757	.75673

#1	.92033	2.3557	1.1025	2.3832	.90396	2.3167	.26593	.22294	.22646
#2	.91885	2.3807	1.1209	2.4164	.91557	2.3138	.26902	.22563	.22890

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0744	.44882	.21726	.34609	4.0408	.31056	2.3896	.55011	.08086
Stddev	.0336	.00122	.00150	.00383	.0017	.00194	.0117	.00511	.00011
%RSD	.66233	.27157	.68834	1.1065	.04212	.62389	.48914	.92892	.12990

#1	5.0507	.44796	.21620	.34339	4.0396	.30919	2.3979	.54650	.08078
#2	5.0982	.44968	.21832	.34880	4.0420	.31193	2.3814	.55373	.08093

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8936	.33629	.29040	12.016	.45213	.33722	.57319	1.5466	.75205
Stddev	.0199	.00318	.00339	.059	.00403	.01132	.01548	.0045	.00592
%RSD	.51074	.94667	1.1678	.48961	.89085	3.3574	2.7003	.29351	.78749

#1	3.8795	.33404	.28801	11.975	.44928	.32922	.56225	1.5434	.74786
#2	3.9077	.33854	.29280	12.058	.45498	.34523	.58414	1.5498	.75624

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22749	1.8821	6.158	.25697	2.8103	1.2590
Stddev	.00041	.0319	.057	.00093	.2033	.0756
%RSD	.18001	1.6965	.9259	.36262	7.2332	6.0011

#1	.22778	1.8595	6.118	.25631	2.6666	1.3125
#2	.22721	1.9047	6.199	.25762	2.9540	1.2056

Sample Name: J4993-07MSD Acquired: 9/25/2018 13:36:41 Type: Unk
Method: P4-ICP2(v2455) 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	2206.3	48551.	4110.3	101.78	3543.1
Stddev	11.4	105.	1.6	.31	16.7
%RSD	.51571	.21693	.03855	.30347	.47090
#1	2198.3	48626.	4109.2	101.56	3531.3
#2	2214.3	48477.	4111.4	102.00	3554.9

Sample Name: J4984-01 Acquired: 9/25/2018 13:40:33 Type: Unk
Method: P4-ICP2(v2455) 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	.00691	.00052	.00314	-.00073	-.00319	-.02240	.02262	.00012
Stddev	.00121	.00211	.00065	.00396	.00257	.00456	.00045	.00001
%RSD	17.574	409.06	20.656	544.04	80.690	20.362	1.9919	7.3583

#1	.00605	.00201	.00360	-.00353	-.00500	-.01918	.02294	.00011
#2	.00776	-.00098	.00268	.00207	-.00137	-.02563	.02230	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	67.239	-.00073	-.00010	.00141	.00218	.00736	155.16
Stddev	.00016	.771	.00029	.00012	.00071	.00510	.00016	2.32
%RSD	45.430	1.1460	40.501	117.44	50.593	233.53	2.1573	1.4929

#1	-.00047	67.784	-.00052	-.00018	.00090	-.00142	.00747	156.80
#2	-.00024	66.694	-.00093	-.00002	.00191	.00579	.00725	153.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	.00056	1237.3	.00153	-.00122	51.598	.00200	.53282
Stddev	.00004	.00006	18.5	.00051	.00001	.482	.00032	.02264
%RSD	1.7673	10.173	1.4943	33.577	1.1797	.93381	15.837	4.2495

#1	-.00218	.00052	1250.4	.00189	-.00121	51.939	.00223	.54883
#2	-.00212	.00060	1224.3	.00117	-.00123	51.258	.00178	.51681

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.87	1.0026	-.04511	.00241	.19288	.0879	.97276	8.0810
Stddev	.16	.0270	.00009	.00016	.00444	.0028	.00943	.3259
%RSD	.12453	2.6883	.19898	6.4663	2.3002	3.227	.96893	4.0334

#1	125.76	1.0216	-.04518	.00230	.18974	.0899	.97942	8.3114
#2	125.98	.98353	-.04505	.00252	.19601	.0859	.96609	7.8505

Sample Name: J4984-01 Acquired: 9/25/2018 13:40:33 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8038
Stddev .0191
%RSD .39792

#1 4.8173
#2 4.7903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.5	44487.	4126.5	100.44	2933.7
Stddev	6.9	191.	54.4	.63	5.4
%RSD	.32907	.42969	1.3188	.62727	.18308

#1	2092.3	44352.	4088.1	100.88	2937.5
#2	2082.6	44623.	4165.0	99.990	2929.9

Sample Name: J4993-07A Acquired: 9/25/2018 13:44:40 Type: Unk
Method: P4-ICP2(v2455) 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	.96109	2.4656	1.1466	2.5008	.95560	2.5233	.28561	.23356	.23607
Stddev	.00079	.0051	.0004	.0029	.00315	.0193	.00010	.00034	.00013
%RSD	.08228	.20669	.03800	.11413	.32919	.76644	.03331	.14576	.05479
#1	.96053	2.4620	1.1463	2.5029	.95337	2.5369	.28555	.23332	.23598
#2	.96165	2.4692	1.1469	2.4988	.95782	2.5096	.28568	.23380	.23616
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3798	.46938	.22598	.36155	4.3593	.32347	2.4959	.57033	.08464
Stddev	.0238	.00120	.00013	.00033	.0276	.00012	.0701	.00028	.00033
%RSD	.44137	.25528	.05771	.09137	.63401	.03599	2.8071	.04899	.38771
#1	5.3630	.47023	.22607	.36132	4.3788	.32355	2.5455	.57053	.08441
#2	5.3966	.46854	.22589	.36179	4.3397	.32339	2.4464	.57013	.08487
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5560	.35233	.29409	12.777	.47073	.34162	.60101	1.5920	.78165
Stddev	.0071	.00071	.00033	.064	.00012	.00270	.01353	.0101	.00168
%RSD	.15626	.20211	.11252	.50157	.02448	.78957	2.2505	.63300	.21500
#1	4.5510	.35283	.29385	12.731	.47082	.33971	.61057	1.5849	.78284
#2	4.5611	.35183	.29432	12.822	.47065	.34353	.59145	1.5991	.78047
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24516	2.0448	6.402	.27522	.88332	.76494			
Stddev	.00082	.0055	.017	.00079	.23098	.53170			
%RSD	.33419	.26932	.2708	.28775	26.150	69.509			
#1	.24458	2.0409	6.414	.27578	.71999	1.1409			
#2	.24574	2.0487	6.390	.27466	1.0467	.38897			

Sample Name: J4993-07A Acquired: 9/25/2018 13:44:40 Type: Unk
Method: P4-ICP2(v2455) 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	2257.1	50509.	4356.9	106.60	3643.7
Stddev	16.8	133.	3.4	.65	30.6
%RSD	.74391	.26427	.07803	.61361	.84071
#1	2245.2	50415.	4354.5	106.14	3622.1
#2	2269.0	50603.	4359.3	107.07	3665.4

Sample Name: PB113011BL Acquired: 9/25/2018 13:48:33 Type: Unk
Method: P4-ICP2(v2455) 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	.00049	.00145	-.00160	.00033	.00078	-.00772	-.00136	-.00000
Stddev	.00041	.00019	.00137	.00056	.00182	.00936	.00003	.00001
%RSD	82.945	12.930	85.362	170.12	234.54	121.30	2.5035	1599.2
#1	.00020	.00131	-.00257	.00073	-.00051	-.00110	-.00139	.00001
#2	.00078	.00158	-.00064	-.00007	.00207	-.01434	-.00134	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.01637	-.00035	.00014	-.00023	.00385	-.00004	-.05003
Stddev	.00001	.00167	.00075	.00019	.00008	.00538	.00007	.05069
%RSD	18.942	10.174	212.97	131.55	34.571	139.59	166.93	101.31
#1	-.00009	-.01754	-.00088	.00028	-.00017	.00005	-.00009	-.01419
#2	-.00007	-.01519	.00018	.00001	-.00029	.00766	.00001	-.08588
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00026	-.61118	-.00003	-.00040	-.07703	-.00025	-.00427
Stddev	.00030	.00028	.01216	.00065	.00009	.01231	.00018	.00672
%RSD	298.82	107.82	1.9898	1902.3	22.381	15.980	72.138	157.27
#1	-.00011	-.00006	-.61978	-.00049	-.00033	-.08573	-.00038	.00048
#2	.00031	-.00046	-.60258	.00042	-.00046	-.06832	-.00012	-.00903
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	-.00378	-.00042	.00045	-.00646	.0016	.00008	F .33325
Stddev	.00348	.00174	.00057	.00185	.01185	.0004	.00001	.74273
%RSD	202.76	45.951	134.75	408.79	183.51	22.87	12.568	222.88
#1	-.00418	-.00255	-.00002	.00176	-.01483	.0014	.00008	.85843
#2	.00074	-.00501	-.00083	-.00086	.00192	.0019	.00007	-.19194

Sample Name: PB113011BL Acquired: 9/25/2018 13:48:33 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .92623
Stddev	.17636
%RSD	19.041

#1	1.0509
#2	.80153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.2	50443.	4212.2	105.45	3742.2
Stddev	6.8	234.	10.3	.75	7.7
%RSD	.29899	.46397	.24478	.71123	.20705

#1	2273.0	50277.	4205.0	104.92	3747.7
#2	2263.4	50608.	4219.5	105.98	3736.7

Sample Name: PB113011BS Acquired: 9/25/2018 13:52:37 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80429	2.0773	.96599	2.0655	.79239	1.9690	.19244
Stddev	.00525	.0062	.00079	.0072	.00176	.0090	.00082
%RSD	.65260	.29815	.08146	.34654	.22269	.45646	.42627

#1	.80800	2.0817	.96543	2.0706	.79363	1.9627	.19186
#2	.80058	2.0729	.96654	2.0605	.79114	1.9754	.19302

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19785	.19978	.98631	.39839	.19006	.29467	2.9306
Stddev	.00024	.00031	.01272	.00022	.00033	.00130	.0105
%RSD	.12365	.15307	1.2895	.05474	.17409	.44229	.35701

#1	.19803	.19957	.97731	.39855	.18983	.29375	2.9232
#2	.19768	.20000	.99530	.39824	.19029	.29559	2.9380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20675	1.9556	.47821	.07298	F 2.3379	.30071	.19650
Stddev	.00019	.0202	.00103	.00142	.0236	.00054	.00064
%RSD	.09426	1.0348	.21532	1.9432	1.0086	.17932	.32399

#1	.20689	1.9412	.47748	.07398	2.3546	.30109	.19605
#2	.20662	1.9699	.47894	.07198	2.3212	.30032	.19695

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7337	.39620	.29655	F -.01188	.88507	.65596	.19957
Stddev	.0010	.00272	.00037	.00007	.00417	.00190	.00127
%RSD	.01068	.68543	.12393	.58189	.47139	.28959	.63431

#1	9.7344	.39812	.29681	-.01193	.88212	.65461	.19867
#2	9.7330	.39428	.29629	-.01183	.88802	.65730	.20046

Sample Name: PB113011BS Acquired: 9/25/2018 13:52:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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 1.7228	5.307	.19693	F 1.3503	F .60433
Stddev	.0081	.007	.00029	.0121	.43777
%RSD	.46831	.1339	.14753	.89913	72.439

#1	1.7171	5.313	.19672	1.3417	.29478
#2	1.7285	5.302	.19713	1.3589	.91388

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.4	49932.	4149.9	104.47	3627.8
Stddev	10.0	111.	3.4	.17	6.3
%RSD	.44475	.22297	.08264	.16100	.17237

#1	2238.3	49853.	4147.4	104.59	3623.4
#2	2252.4	50011.	4152.3	104.36	3632.3

Sample Name: J4984-01DUP Acquired: 9/25/2018 13:56:28 Type: Unk
Method: P4-ICP2(v2455) 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	.00383	.00199	.00310	-.00000	-.00222	-.00936	.02241	-.00008
Stddev	.00222	.00003	.00072	.00176	.00100	.01562	.00073	.00003
%RSD	58.053	1.7075	23.212	150000.	45.180	166.87	3.2384	38.294

#1	.00226	.00197	.00361	-.00125	-.00293	.00168	.02292	-.00006
#2	.00541	.00201	.00259	.00125	-.00151	-.02041	.02190	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	64.827	-.00161	.00009	.00119	-.01028	.00930	151.69
Stddev	.00011	.542	.00040	.00025	.00067	.00414	.00316	.36
%RSD	40.189	.83577	24.848	265.48	56.681	40.294	33.915	.23765

#1	-.00035	65.210	-.00133	-.00008	.00071	-.01321	.00707	151.95
#2	-.00019	64.443	-.00189	.00027	.00167	-.00735	.01153	151.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	.00069	1189.8	.00201	-.00120	49.556	.00137	.51761
Stddev	.00083	.00048	25.7	.00084	.00027	.402	.00023	.00316
%RSD	48.876	69.324	2.1560	41.739	22.726	.81203	16.448	.61096

#1	-.00111	.00035	1208.0	.00261	-.00100	49.840	.00121	.51538
#2	-.00229	.00102	1171.7	.00142	-.00139	49.271	.00153	.51985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	124.38	.99690	-.04396	-.00101	.19558	.0926	.94260	13.937
Stddev	.20	.04121	.00022	.00198	.00599	.0014	.01021	10.880
%RSD	.16422	4.1340	.50731	195.35	3.0616	1.468	1.0837	78.065

#1	124.53	.96776	-.04411	.00039	.19981	.0936	.94982	6.2435
#2	124.24	1.0260	-.04380	-.00241	.19134	.0917	.93538	21.630

Sample Name: J4984-01DUP Acquired: 9/25/2018 13:56:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5499
Stddev .1067
%RSD 2.3457

#1 4.6253
#2 4.4744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.4	38134.	4283.1	101.60	2953.1
Stddev	4.8	11091.	51.3	4.18	6.5
%RSD	.22750	29.085	1.1967	4.1118	.21956

#1	2099.0	45976.	4246.9	98.649	2948.5
#2	2105.8	30291.	4319.4	104.56	2957.7

Sample Name: CCV03 Acquired: 9/25/2018 14:00:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0772	5.1278	5.0555	5.1833	5.2380	10.845	9.8433	.25675
Stddev	.0148	.0248	.0168	.0150	.0241	.008	.0064	.00058
%RSD	.29108	.48408	.33140	.29004	.46062	.07392	.06483	.22676
#1	5.0876	5.1453	5.0674	5.1939	5.2550	10.840	9.8388	.25634
#2	5.0667	5.1102	5.0437	5.1727	5.2209	10.851	9.8478	.25716
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5435	25.181	1.0138	2.5293	1.2768	5.1158	2.6019	24.674
Stddev	.0085	.059	.0067	.0087	.0012	.0144	.0051	.149
%RSD	.33307	.23610	.66044	.34306	.09252	.28113	.19543	.60589
#1	2.5495	25.139	1.0090	2.5354	1.2776	5.1056	2.5984	24.779
#2	2.5375	25.223	1.0185	2.5231	1.2759	5.1260	2.6055	24.568
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5202	1.2645	25.383	2.5805	2.4558	25.376	5.0813	5.1364
Stddev	.0039	.0026	.020	.0036	.0029	.005	.0011	.0081
%RSD	.15563	.20548	.08010	.13837	.11838	.02116	.02154	.15817
#1	2.5230	1.2663	25.369	2.5780	2.4579	25.380	5.0806	5.1306
#2	2.5174	1.2626	25.398	2.5831	2.4538	25.372	5.0821	5.1421
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0970	4.7108	5.0052	5.1348	4.7177	5.132	5.1936	F 3.7023
Stddev	.0141	.0134	.0171	.0225	.0089	.026	.0010	.0198
%RSD	.27636	.28531	.34208	.43834	.18777	.5164	.01865	.53592
#1	5.1070	4.7203	5.0173	5.1507	4.7240	5.151	5.1929	3.6882
#2	5.0871	4.7013	4.9931	5.1189	4.7114	5.113	5.1943	3.7163

Sample Name: CCV03 Acquired: 9/25/2018 14:00:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1027
Stddev .0809
%RSD 2.6082

#1 3.1599
#2 3.0455

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.9	48637.	4275.1	103.68	3345.8
Stddev	6.1	131.	.7	.30	18.4
%RSD	.27576	.26998	.01713	.29076	.55134

#1	2195.6	48730.	4274.6	103.47	3332.8
#2	2204.2	48544.	4275.6	103.89	3358.9

Sample Name: CCB03 Acquired: 9/25/2018 14:04:18 Type: Unk
Method: P4-ICP2(v2455) 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	.00066	.00177	-.00295	-.00110	-.00036	.01123	-.00136	.00000
Stddev	.00096	.00036	.00078	.00115	.00136	.00313	.00017	.00000
%RSD	144.83	20.570	26.392	104.34	380.16	27.885	12.715	440.82

#1	-.00002	.00203	-.00350	-.00029	.00060	.00902	-.00124	-.00000
#2	.00134	.00151	-.00240	-.00192	-.00132	.01345	-.00148	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00193	-.00007	.00029	-.00023	.00639	-.00006	-.05055
Stddev	.00005	.00498	.00020	.00013	.00073	.00246	.00004	.03208
%RSD	61.382	257.83	286.50	44.956	319.83	38.503	60.619	63.449

#1	.00005	.00545	.00007	.00038	.00029	.00813	-.00003	-.02787
#2	.00012	-.00159	-.00021	.00019	-.00075	.00465	-.00009	-.07324

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00006	-.55772	-.00027	-.00038	-.05462	.00041	.00108
Stddev	.00013	.00045	.00648	.00063	.00005	.02064	.00001	.00283
%RSD	34.079	748.38	1.1627	235.12	14.370	37.782	3.4832	262.74

#1	.00049	.00026	-.56230	.00018	-.00041	-.04003	.00042	.00307
#2	.00030	-.00038	-.55313	-.00072	-.00034	-.06921	.00040	-.00092

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	-.00364	-.00068	.00310	-.00516	.0008	.00012	.67096
Stddev	.00370	.00076	.00112	.00111	.00220	.0017	.00006	.32512
%RSD	136.05	20.829	164.33	35.601	42.700	218.4	51.254	48.455

#1	-.00010	-.00310	-.00148	.00232	-.00672	-.0004	.00008	.90085
#2	-.00533	-.00417	.00011	.00389	-.00360	.0020	.00016	.44107

Sample Name: CCB03 Acquired: 9/25/2018 14:04:18 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .72943
 Stddev .18146
 %RSD 24.877

#1 .85775
 #2 .60112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.3	50439.	4237.2	107.17	3743.4
Stddev	2.9	59.	10.4	1.04	5.6
%RSD	.12658	.11692	.24508	.97475	.14834

#1	2266.2	50397.	4229.9	106.43	3739.5
#2	2270.3	50480.	4244.6	107.90	3747.3

Sample Name: J4984-01LX5 Acquired: 9/25/2018 14:08:21 Type: Unk
Method: P4-ICP2(v2455) 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	.00390	.00077	.00059	-.00057	-.00091	.01084	.00383	.00004
Stddev	.00185	.00412	.00038	.00291	.00064	.00791	.00045	.00015
%RSD	47.558	532.92	64.865	506.92	70.818	72.943	11.624	401.14

#1	.00521	-.00214	.00032	-.00263	-.00045	.01644	.00415	.00014
#2	.00259	.00368	.00086	.00148	-.00136	.00525	.00352	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	13.874	.03722	.00052	.00067	.16436	.00641	30.701
Stddev	.00003	.052	.00013	.00038	.00004	.00121	.00005	.013
%RSD	16.336	.37574	.35681	72.149	6.2571	.73808	.76536	.04113

#1	-.00018	13.837	.03732	.00079	.00070	.16350	.00645	30.710
#2	-.00015	13.911	.03713	.00026	.00064	.16521	.00638	30.692

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02485	.00000	259.69	.00068	.00564	9.7296	.00486	.09667
Stddev	.00033	.00016	.21	.00073	.00001	.0269	.00003	.00561
%RSD	1.3377	5253.6	.08278	106.81	.13317	.27655	.61700	5.8083

#1	.02462	.00012	259.84	.00017	.00564	9.7486	.00488	.10064
#2	.02509	-.00011	259.53	.00119	.00563	9.7106	.00483	.09270

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.662	.20246	-.00753	.00136	.03579	.0157	.20088	2.9198
Stddev	.047	.00054	.00067	.00144	.00588	.0013	.00022	.4656
%RSD	.20654	.26502	8.8428	106.38	16.433	8.456	.11189	15.946

#1	22.629	.20208	-.00706	.00034	.03163	.0166	.20072	3.2490
#2	22.695	.20284	-.00800	.00238	.03995	.0147	.20104	2.5906

Sample Name: J4984-01LX5 Acquired: 9/25/2018 14:08:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1948
Stddev	.1808
%RSD	8.2364

#1	2.3226
#2	2.0670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.6	47487.	4204.5	105.29	3258.5
Stddev	1.9	72.	8.3	.81	.5
%RSD	.08970	.15080	.19845	.77130	.01516

#1	2171.0	47437.	4210.4	105.86	3258.1
#2	2168.3	47538.	4198.6	104.72	3258.8

Sample Name: J4984-01MS Acquired: 9/25/2018 14:12:29 Type: Unk
Method: P4-ICP2(v2455) 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	.94921	2.1401	1.1012	2.3901	.89278	2.3959	.22715	.24594	.23444
Stddev	.00009	.0020	.0012	.0098	.00104	.0068	.00124	.00075	.00068
%RSD	.00908	.09521	.10758	.40794	.11655	.28228	.54421	.30295	.28883
#1	.94914	2.1415	1.1004	2.3970	.89204	2.4007	.22803	.24541	.23491
#2	.94927	2.1387	1.1020	2.3832	.89351	2.3911	.22628	.24647	.23396
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.389	.42778	.21973	.29431	3.2090	.22656	151.47	.54270	.08631
Stddev	.709	.00006	.00137	.00145	.0509	.00017	.13	.00254	.00084
%RSD	1.0839	.01297	.62341	.49385	1.5854	.07425	.08317	.46808	.97559
#1	65.890	.42774	.22070	.29533	3.2450	.22644	151.56	.54450	.08691
#2	64.888	.42782	.21876	.29328	3.1731	.22668	151.38	.54091	.08572
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	1173.1	.33364	.21387	60.468	.41520	.82884	120.59	1.8662	.73704
Stddev	25.3	.00165	.00157	.536	.00169	.00985	1.23	.0026	.00146
%RSD	2.1575	.49343	.73468	.88589	.40813	1.1886	1.0184	.13720	.19847
#1	1191.0	.33480	.21498	60.847	.41640	.82188	121.46	1.8680	.73808
#2	1155.3	.33248	.21275	60.089	.41401	.83581	119.72	1.8644	.73601
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22006	2.1700	7.576	1.1463	6.2615	4.5428			
Stddev	.00114	.0137	.038	.0102	.2587	.1435			
%RSD	.51970	.62974	.5035	.89152	4.1314	3.1583			
#1	.21925	2.1797	7.603	1.1535	6.0786	4.4413			
#2	.22087	2.1604	7.549	1.1391	6.4444	4.6442			

Sample Name: J4984-01MS Acquired: 9/25/2018 14:12:29 Type: Unk
Method: P4-ICP2(v2455) 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	2131.1	45659.	4268.5	103.15	2967.9
Stddev	15.5	62.	44.9	1.45	27.3
%RSD	.72832	.13621	1.0517	1.4057	.92148
#1	2120.2	45703.	4236.7	102.12	2948.5
#2	2142.1	45615.	4300.2	104.17	2987.2

Sample Name: J4984-01MSD Acquired: 9/25/2018 14:16:24 Type: Unk
Method: P4-ICP2(v2455) 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	.94150	2.1444	1.1004	2.3916	.90128	2.3596	.22827	.24358	.23484
Stddev	.00237	.0030	.0004	.0136	.00837	.0104	.00046	.00042	.00018
%RSD	.25158	.14074	.03609	.56955	.92862	.44023	.20007	.17414	.07534
#1	.94317	2.1423	1.1001	2.3820	.89536	2.3522	.22860	.24328	.23497
#2	.93982	2.1466	1.1007	2.4013	.90720	2.3669	.22795	.24388	.23472
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.255	.42358	.22017	.29333	3.2699	.22588	151.74	.54270	.08531
Stddev	.166	.00107	.00024	.00239	.0578	.00066	.45	.00340	.00098
%RSD	.25022	.25297	.10742	.81420	1.7691	.29005	.29394	.62718	1.1528
#1	66.372	.42283	.22000	.29164	3.2290	.22541	152.05	.54029	.08600
#2	66.137	.42434	.22034	.29502	3.3108	.22634	151.42	.54510	.08461
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	1178.0	.33114	.21981	61.084	.41426	.83929	120.97	1.8833	.74013
Stddev	11.1	.00039	.00697	.087	.00214	.00258	.34	.0076	.00127
%RSD	.94521	.11926	3.1729	.14209	.51686	.30688	.27696	.40209	.17149
#1	1185.9	.33086	.21488	61.145	.41274	.83747	121.21	1.8779	.74103
#2	1170.1	.33142	.22474	61.022	.41577	.84111	120.73	1.8886	.73924
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21923	2.1759	7.572	1.1596	7.2488	4.7893			
Stddev	.00238	.0057	.006	.0009	.0424	.0988			
%RSD	1.0846	.26409	.0789	.07746	.58431	2.0633			
#1	.21755	2.1719	7.576	1.1602	7.2788	4.8592			
#2	.22091	2.1800	7.567	1.1589	7.2189	4.7194			

Sample Name: J4984-01MSD Acquired: 9/25/2018 14:16:24 Type: Unk
Method: P4-ICP2(v2455) 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	2116.9	45496.	4207.5	99.786	2944.0
Stddev	.1	32.	13.4	2.462	6.1
%RSD	.00623	.07053	.31952	2.4677	.20833
#1	2117.0	45474.	4198.0	101.53	2939.7
#2	2116.8	45519.	4217.1	98.045	2948.3

Sample Name: J4984-01A Acquired: 9/25/2018 14:20:19 Type: Unk
Method: P4-ICP2(v2455) 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	.96787	2.1718	1.1110	2.4389	.91557	2.4145	.23079	.24633	.23673
Stddev	.00093	.0067	.0002	.0076	.00593	.0097	.00034	.00048	.00025
%RSD	.09608	.31073	.01440	.31285	.64739	.40131	.14625	.19484	.10622

#1	.96853	2.1766	1.1111	2.4443	.91976	2.4076	.23103	.24599	.23691
#2	.96721	2.1671	1.1109	2.4335	.91138	2.4213	.23055	.24667	.23656

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.750	.42610	.22211	.29765	3.1807	.22671	152.90	.54759	.08752
Stddev	.366	.00455	.00086	.00075	.0515	.00068	.25	.00050	.00015
%RSD	.54822	1.0685	.38674	.25131	1.6180	.29783	.16660	.09082	.16847

#1	67.009	.42288	.22272	.29818	3.1443	.22624	153.08	.54794	.08762
#2	66.491	.42932	.22151	.29713	3.2171	.22719	152.72	.54724	.08742

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	1186.0	.33629	.21390	62.141	.42216	.84973	123.13	1.9215	.74905
Stddev	14.7	.00088	.00341	.260	.00087	.00324	.12	.0344	.00399
%RSD	1.2373	.26234	1.5961	.41801	.20671	.38176	.09558	1.7886	.53286

#1	1196.4	.33692	.21149	62.325	.42155	.85202	123.22	1.9458	.75187
#2	1175.6	.33567	.21632	61.958	.42278	.84743	123.05	1.8972	.74623

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22016	2.2049	7.684	1.1702	8.1596	4.5997
Stddev	.00069	.0109	.016	.0048	.7607	.3094
%RSD	.31520	.49246	.2063	.41330	9.3222	6.7258

#1	.22065	2.2126	7.673	1.1736	7.6217	4.8185
#2	.21967	2.1972	7.695	1.1667	8.6974	4.3809

Sample Name: J4984-01A Acquired: 9/25/2018 14:20:19 Type: Unk
Method: P4-ICP2(v2455) 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	2082.9	45239.	4177.7	102.17	2902.6
Stddev	2.9	151.	14.9	1.58	3.5
%RSD	.13906	.33400	.35769	1.5418	.12209
#1	2080.8	45346.	4167.2	103.28	2900.1
#2	2084.9	45132.	4188.3	101.05	2905.1

Sample Name: J5023-12 Acquired: 9/25/2018 14:24:14 Type: Unk
Method: P4-ICP2(v2455) 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	.00377	-.00181	.01943	.00255	-.00113	.06720	.20735	.00005
Stddev	.00047	.00234	.00061	.00266	.00025	.01118	.00002	.00010
%RSD	12.473	128.95	3.1440	104.08	22.155	16.638	.00847	173.10

#1	.00410	-.00016	.01900	.00443	-.00131	.05929	.20734	.00012
#2	.00344	-.00347	.01987	.00067	-.00095	.07510	.20736	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	32.309	-.00109	.00579	.00792	3.6569	2.2195	2.9118
Stddev	.00008	.023	.00057	.00016	.00017	.0064	.0004	.0464
%RSD	56.953	.07193	52.564	2.8027	2.1268	.17581	.01935	1.5919

#1	.00021	32.326	-.00149	.00568	.00780	3.6523	2.2198	2.8791
#2	.00009	32.293	-.00068	.00591	.00803	3.6614	2.2192	2.9446

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00357	.00006	316.27	-.00246	.03538	.73218	.00024	-.00019
Stddev	.00009	.00021	5.09	.00059	.00051	.03589	.00030	.00172
%RSD	2.4323	340.18	1.6108	24.033	1.4432	4.9015	126.31	898.97

#1	.00351	.00021	319.87	-.00204	.03502	.75755	.00045	-.00141
#2	.00363	-.00009	312.67	-.00288	.03575	.70680	.00003	.00102

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07775	.27996	.00317	.00194	.04460	.0032	.09088	4.9410
Stddev	.00381	.00094	.00042	.00003	.01601	.0018	.00009	.3710
%RSD	4.8994	.33407	13.129	1.6501	35.890	57.79	.10045	7.5083

#1	.08044	.28062	.00346	.00192	.03328	.0045	.09095	5.2033
#2	.07506	.27930	.00287	.00197	.05592	.0019	.09082	4.6787

Sample Name: J5023-12 Acquired: 9/25/2018 14:24:14 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0418
Stddev .0254
%RSD .62819

#1 4.0239
#2 4.0598

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2132.3	47345.	4263.7	102.89	3206.5
Stddev	13.8	203.	13.6	.41	15.0
%RSD	.64833	.42869	.31955	.39517	.46721

#1	2122.6	47201.	4254.1	103.18	3195.9
#2	2142.1	47488.	4273.4	102.60	3217.1

Sample Name: PB113160BL Acquired: 9/25/2018 14:28:22 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113160BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	.00226	-.00172	-.00137	.00084	.00323	-.00045	.00002
Stddev	.00093	.00137	.00037	.00240	.00225	.00881	.00029	.00000
%RSD	46.275	60.950	21.207	175.19	269.29	272.99	64.298	28.342

#1	.00135	.00323	-.00198	.00033	-.00076	.00946	-.00066	.00001
#2	.00266	.00128	-.00146	-.00306	.00243	-.00300	-.00025	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01920	-.00016	.00003	-.00030	.00511	-.00004	-.00257
Stddev	.00002	.00631	.00012	.00011	.00005	.00728	.00005	.01113
%RSD	336.09	32.863	75.166	350.68	15.259	142.32	140.16	433.89

#1	.00002	-.01473	-.00007	-.00005	-.00026	-.00003	-.00000	-.01044
#2	-.00001	-.02366	-.00024	.00011	-.00033	.01026	-.00007	.00531

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00013	-.07359	.00064	-.00040	-.00256	-.00008	.00554
Stddev	.00017	.00031	.03475	.00010	.00002	.00043	.00022	.01492
%RSD	37.073	237.56	47.224	15.899	4.1237	16.679	281.51	269.30

#1	.00033	.00009	-.09816	.00057	-.00041	-.00286	-.00024	.01609
#2	.00057	-.00036	-.04902	.00071	-.00039	-.00226	.00008	-.00501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	-.00489	-.00066	.00186	.00335	-.0003	.00011	F .27827
Stddev	.00042	.00254	.00004	.00086	.00072	.0010	.00013	.48473
%RSD	24.560	51.958	5.8755	45.963	21.589	347.0	119.07	174.19

#1	-.00203	-.00309	-.00064	.00126	.00284	.0004	.00002	.62102
#2	-.00143	-.00668	-.00069	.00247	.00386	-.0010	.00020	-.06449

Sample Name: PB113160BL Acquired: 9/25/2018 14:28:22 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113160BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1448
Stddev .0750
%RSD 6.5540

#1 1.1979
#2 1.0918

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.3	51156.	4302.0	106.12	3781.6
Stddev	2.7	44.	35.6	.22	.4
%RSD	.11931	.08647	.82639	.20899	.01103

#1	2291.3	51124.	4327.2	106.28	3781.3
#2	2287.4	51187.	4276.9	105.96	3781.9

Sample Name: PB113160BS Acquired: 9/25/2018 14:32:27 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113160BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79618	2.0617	.96296	2.0584	.78974	1.9928	.19095
Stddev	.00138	.0090	.00155	.0034	.00169	.0016	.00059
%RSD	.17322	.43868	.16123	.16634	.21381	.07871	.30988

#1	.79521	2.0681	.96406	2.0559	.78855	1.9939	.19054
#2	.79716	2.0553	.96186	2.0608	.79093	1.9917	.19137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19600	.19881	.99137	.39481	.19014	.29341	3.0047
Stddev	.00063	.00028	.00072	.00210	.00008	.00116	.0442
%RSD	.31958	.14071	.07244	.53063	.04457	.39643	1.4698

#1	.19645	.19901	.99087	.39630	.19008	.29259	3.0360
#2	.19556	.19861	.99188	.39333	.19020	.29423	2.9735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20614	1.8796	.47574	.07207	2.6091	.29880	.19783
Stddev	.00036	.0134	.00099	.00057	.0073	.00340	.00131
%RSD	.17323	.71166	.20707	.78519	.27990	1.1393	.66433

#1	.20639	1.8702	.47644	.07247	2.6143	.30121	.19876
#2	.20588	1.8891	.47504	.07167	2.6039	.29640	.19690

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7716	.39256	.29236	F -.00523	.87862	.65480	.20217
Stddev	.0260	.00112	.00597	.00188	.00219	.00258	.00036
%RSD	.26604	.28423	2.0416	36.016	.24922	.39473	.17832

#1	9.7900	.39177	.29658	-.00656	.88017	.65298	.20192
#2	9.7532	.39335	.28814	-.00390	.87707	.65663	.20243

Sample Name: PB113160BS Acquired: 9/25/2018 14:32:27 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113160BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.7120	5.294	.19670	F .51610	F .46650
Stddev	.0050	.013	.00023	.13929	.18207
%RSD	.29034	.2503	.11796	26.988	39.029

#1	1.7085	5.284	.19653	.41761	.59524
#2	1.7156	5.303	.19686	.61460	.33775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.5	50528.	4244.8	104.45	3663.0
Stddev	1.2	86.	1.2	.51	1.6
%RSD	.05301	.17081	.02779	.48980	.04349

#1	2274.3	50467.	4245.6	104.09	3664.1
#2	2272.6	50589.	4243.9	104.81	3661.9

Sample Name: J5017-01 Acquired: 9/25/2018 14:36:20 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57021	-.25526	37.355	-.75054	2.3508	40.388	1.0358
Stddev	.01021	.00575	.034	.00805	.0050	.333	.0060
%RSD	1.7902	2.2511	.09082	1.0721	.21437	.82384	.58309

#1	.56300	-.25932	37.379	-.74485	2.3544	40.153	1.0401
#2	.57743	-.25120	37.331	-.75623	2.3472	40.623	1.0316

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04021	.29608	122.60	.45904	.30077	6.3592	F 2537.0
Stddev	.00028	.00094	.74	.00279	.00030	.0266	.5
%RSD	.68980	.31816	.60387	.60732	.09921	.41829	.01981

#1	.04002	.29675	123.12	.46101	.30098	6.3403	2537.3
#2	.04041	.29541	122.08	.45707	.30056	6.3780	2536.6

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.930	16.838	1.2019	-.01876	.76020	.47469	4.9493
Stddev	.073	.173	.0053	.00059	.00066	.00346	.0019
%RSD	.56426	1.0254	.43709	3.1194	.08621	.72892	.03899

#1	12.879	16.960	1.2057	-.01918	.76067	.47224	4.9479
#2	12.982	16.716	1.1982	-.01835	.75974	.47713	4.9507

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5999	.01982	2.7164	13.234	3.1227	7.7094	1.4027
Stddev	.0405	.00044	.0126	.046	.0422	.0476	.0048
%RSD	.88029	2.1946	.46221	.34464	1.3515	.61798	.34193

#1	4.6285	.01952	2.7075	13.266	3.1525	7.7431	1.4061
#2	4.5713	.02013	2.7253	13.202	3.0928	7.6757	1.3993

Sample Name: J5017-01 Acquired: 9/25/2018 14:36:20 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.52841	37.11	.35998	F<.00000	^ *****
Stddev	.01052	.01	.00097	3.2873	-----
%RSD	1.9911	.0341	.26878	1.8470	-----

#1	.52097	37.10	.36066	-180.30	^ -----
#2	.53585	37.12	.35930	-175.65	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.0	46994.	4404.2	99.237	2273.7
Stddev	1.1	206.	28.5	.098	4.5
%RSD	.05782	.43827	.64607	.09863	.19862

#1	1976.8	47139.	4384.1	99.168	2270.5
#2	1975.2	46848.	4424.3	99.306	2276.9

Sample Name: J5017-02 Acquired: 9/25/2018 14:40:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09454	-.03555	.17867	-.06190	-.00280	192.26	1.3562	.00980
Stddev	.00253	.00086	.00053	.00138	.00027	.53	.0020	.00004
%RSD	2.6776	2.4324	.29493	2.2232	9.7586	.27310	.14841	.40405

#1	.09633	-.03616	.17904	-.06093	-.00299	191.89	1.3576	.00977
#2	.09275	-.03494	.17829	-.06287	-.00260	192.63	1.3548	.00983

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02088	1050.4	.22698	.20371	.34361	347.23	6.9907	314.51
Stddev	.00078	10.6	.00038	.00019	.00048	2.73	.0270	.15
%RSD	3.7332	1.0071	.16590	.09536	.13986	.78486	.38644	.04875

#1	.02033	1057.9	.22724	.20385	.34327	349.16	7.0098	314.40
#2	.02143	1042.9	.22671	.20357	.34395	345.30	6.9716	314.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41935	.00711	1.2449	.32551	1.2305	27.221	.00343	.30071
Stddev	.00032	.00002	.0136	.00091	.0139	.024	.00011	.01724
%RSD	.07535	.24230	1.0955	.27867	1.1300	.08964	3.1668	5.7330

#1	.41913	.00712	1.2352	.32487	1.2404	27.204	.00351	.31290
#2	.41957	.00709	1.2545	.32615	1.2207	27.239	.00336	.28852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6764	2.7446	.02290	1.5891	3.4865	11.97	1.7761	21.196
Stddev	.0390	.0237	.00051	.0005	.0015	.05	.0036	.266
%RSD	.83383	.86282	2.2104	.03340	.04392	.4571	.20348	1.2538

#1	4.6488	2.7279	.02325	1.5888	3.4876	11.93	1.7787	21.008
#2	4.7039	2.7613	.02254	1.5895	3.4854	12.01	1.7736	21.384

Sample Name: J5017-02 Acquired: 9/25/2018 14:40:21 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 27.883
 Stddev .117
 %RSD .41910

#1 27.801
 #2 27.966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.0	53336.	5113.0	93.200	2537.2
Stddev	10.4	201.	18.4	1.093	10.8
%RSD	.43965	.37593	.35994	1.1726	.42733

#1	2381.4	53194.	5100.0	92.427	2544.9
#2	2366.6	53478.	5126.0	93.972	2529.6

Sample Name: J5017-03 Acquired: 9/25/2018 14:44:27 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09095	-.03687	.22178	-.07572	-.00181	257.01	1.8985
Stddev	.00245	.00428	.00303	.00430	.00052	.74	.0068
%RSD	2.6989	11.614	1.3658	5.6761	28.851	.28903	.36013

#1	.09268	-.03989	.22392	-.07268	-.00217	257.54	1.8937
#2	.08921	-.03384	.21964	-.07876	-.00144	256.49	1.9034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01374	.02195	272.89	.28026	.24034	.39833	491.61
Stddev	.00030	.00025	1.25	.00260	.00040	.00120	2.90
%RSD	2.1979	1.1254	.45742	.92927	.16812	.30096	.58969

#1	.01353	.02212	272.01	.28210	.24063	.39917	489.56
#2	.01395	.02177	273.78	.27842	.24006	.39748	493.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4565	154.77	.52482	.01541	.92383	.41870	1.4240
Stddev	.0049	.42	.00270	.00020	.02084	.00160	.0098
%RSD	.07560	.27238	.51531	1.3186	2.2562	.38246	.68612

#1	6.4599	154.47	.52673	.01527	.90909	.41757	1.4171
#2	6.4530	155.07	.52291	.01555	.93857	.41984	1.4309

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.665	.00279	.35703	3.9905	1.7091	.02740	1.1677
Stddev	.127	.00016	.01905	.0159	.0081	.00077	.0003
%RSD	.49494	5.9200	5.3358	.39871	.47238	2.8137	.02832

#1	25.575	.00267	.37050	4.0017	1.7034	.02795	1.1675
#2	25.755	.00290	.34356	3.9792	1.7148	.02686	1.1680

Sample Name: J5017-03 Acquired: 9/25/2018 14:44:27 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.7409	12.27	.93317	F<.00000	23.205
Stddev	.0063	.02	.00396	.33459	.081
%RSD	.16723	.1327	.42388	1.4620	.34889

#1	3.7365	12.28	.93037	-23.122	23.263
#2	3.7454	12.26	.93596	-22.649	23.148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.6	57220.	5339.2	97.687	2807.9
Stddev	11.9	119.	19.7	.533	13.6
%RSD	.45875	.20881	.36855	.54512	.48281

#1	2575.2	57135.	5353.1	98.064	2798.3
#2	2592.0	57304.	5325.3	97.311	2817.5

Sample Name: CCV04 Acquired: 9/25/2018 14:48:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0179	5.0629	5.0141	5.1132	5.1585	10.833	9.8138	.25545
Stddev	.0064	.0001	.0074	.0114	.0109	.000	.0258	.00071
%RSD	.12708	.00267	.14704	.22332	.21030	.00301	.26329	.27776
#1	5.0224	5.0630	5.0193	5.1051	5.1662	10.832	9.7955	.25596
#2	5.0133	5.0628	5.0089	5.1213	5.1508	10.833	9.8320	.25495
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5129	25.228	1.0051	2.5026	1.2637	5.0961	2.5692	24.729
Stddev	.0023	.080	.0018	.0007	.0030	.0790	.0076	.001
%RSD	.09075	.31880	.17853	.02927	.23543	1.5509	.29785	.00371
#1	2.5113	25.171	1.0064	2.5031	1.2616	5.1520	2.5746	24.728
#2	2.5145	25.285	1.0039	2.5021	1.2658	5.0403	2.5638	24.729
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4989	1.2534	25.120	2.5461	2.4711	25.360	5.0429	5.0943
Stddev	.0014	.0045	.068	.0025	.0393	.077	.0013	.0215
%RSD	.05392	.35573	.27131	.09880	1.5896	.30454	.02505	.42150
#1	2.4979	1.2565	25.072	2.5479	2.4989	25.305	5.0438	5.0791
#2	2.4998	1.2502	25.169	2.5443	2.4434	25.414	5.0420	5.1095
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0239	4.7159	4.9601	5.1208	4.6061	5.084	5.1836	F 4.1855
Stddev	.0246	.0011	.0310	.0080	.0008	.001	.0161	.7351
%RSD	.49074	.02422	.62515	.15650	.01746	.0247	.30987	17.564
#1	5.0414	4.7151	4.9821	5.1151	4.6055	5.083	5.1723	4.7054
#2	5.0065	4.7167	4.9382	5.1265	4.6066	5.085	5.1950	3.6657

Sample Name: CCB04 Acquired: 9/25/2018 14:52:12 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	.00086	-.00128	.00072	-.00031	-.00131	.00081	-.00006
Stddev	.00112	.00217	.00074	.00338	.00075	.00042	.00044	.00001
%RSD	40.577	251.72	57.998	466.97	246.16	32.430	54.453	14.728

#1	.00357	.00240	-.00076	.00311	.00023	-.00101	.00112	-.00006
#2	.00198	-.00067	-.00181	-.00166	-.00084	-.00161	.00050	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00700	-.00018	.00002	-.00040	.00397	.00003	-.06488
Stddev	.00007	.00253	.00050	.00019	.00011	.00877	.00006	.00870
%RSD	107.82	36.201	282.51	843.02	28.226	220.96	220.70	13.410

#1	-.00011	.00879	.00018	.00016	-.00048	.01017	.00007	-.07103
#2	-.00002	.00521	-.00053	-.00011	-.00032	-.00223	-.00002	-.05873

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00039	-.71193	.00029	-.00040	-.08732	.00062	-.00378
Stddev	.00012	.00015	.01598	.00000	.00012	.01065	.00009	.00841
%RSD	31.758	38.413	2.2452	1.3276	30.639	12.199	14.100	222.60

#1	.00047	-.00028	-.72323	.00029	-.00049	-.07978	.00068	.00217
#2	.00030	-.00049	-.70062	.00029	-.00032	-.09485	.00056	-.00972

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	-.00120	.00010	.00267	-.00858	-.0001	-.00003	F .63318
Stddev	.00489	.00035	.00059	.00015	.00729	.0008	.00009	.10999
%RSD	535.99	29.396	614.74	5.6457	84.975	1168.	292.59	17.370

#1	-.00437	-.00095	.00051	.00257	-.01373	-.0006	.00003	.55541
#2	.00254	-.00145	-.00032	.00278	-.00342	.0005	-.00010	.71095

Sample Name: CCB04 Acquired: 9/25/2018 14:52:12 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .77202
Stddev	.75589
%RSD	97.911

#1	1.3065
#2	.23752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.9	50464.	4217.1	105.86	3747.6
Stddev	10.6	52.	14.2	1.64	20.7
%RSD	.46587	.10288	.33771	1.5449	.55201

#1	2267.4	50501.	4227.2	107.02	3733.0
#2	2282.4	50428.	4207.1	104.71	3762.2

Sample Name: CCV04 Acquired: 9/25/2018 14:48:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2632
Stddev .4133
%RSD 12.666

#1 3.5555
#2 2.9710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.6	48383.	4206.0	101.89	3342.8
Stddev	6.1	159.	2.6	1.86	6.5
%RSD	.27578	.32786	.06068	1.8302	.19376

#1	2191.3	48270.	4207.8	100.57	3338.2
#2	2199.9	48495.	4204.2	103.21	3347.4

Sample Name: J5023-12LX5 Acquired: 9/25/2018 15:05:57 Type: Unk
Method: P4-ICP2(v2455) 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	.00178	-.00072	.00369	-.00547	-.00261	.01887	.04254	.00004
Stddev	.00001	.00152	.00002	.00408	.00023	.00785	.00150	.00007
%RSD	.56549	209.87	.42073	74.643	8.9831	41.604	3.5148	203.14

#1	.00178	.00035	.00370	-.00258	-.00277	.02442	.04360	-.00002
#2	.00179	-.00180	.00367	-.00836	-.00244	.01332	.04148	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	6.5651	-.00065	.00124	.00162	.71669	.45501	.61379
Stddev	.00008	.0033	.00055	.00006	.00018	.01042	.00006	.00186
%RSD	413.23	.05000	83.563	4.9568	10.823	1.4541	.01215	.30306

#1	.00004	6.5674	-.00027	.00120	.00149	.70932	.45505	.61248
#2	-.00008	6.5628	-.00104	.00129	.00174	.72406	.45497	.61511

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00000	66.396	-.00062	.00708	.03218	.00010	.00126
Stddev	.00038	.00053	.635	.00002	.00005	.00438	.00023	.00796
%RSD	51.525	15333.	.95668	2.5942	.73901	13.623	223.31	632.35

#1	.00102	-.00038	65.947	-.00061	.00705	.02908	-.00006	-.00437
#2	.00047	.00037	66.845	-.00063	.00712	.03528	.00026	.00689

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01666	.05639	.00033	.00360	-.01589	-.0010	.01860	3.3599
Stddev	.00420	.00041	.00162	.00183	.00920	.0008	.00007	.1860
%RSD	25.182	.72329	491.24	50.836	57.934	85.71	.37130	5.5371

#1	.01369	.05610	.00147	.00231	-.02240	-.0004	.01855	3.4915
#2	.01963	.05668	-.00081	.00490	-.00938	-.0015	.01865	3.2284

Sample Name: J5023-12LX5 Acquired: 9/25/2018 15:05:57 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6455
Stddev	.2609
%RSD	15.855

#1	1.8300
#2	1.4610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.4	48753.	4177.9	104.08	3447.9
Stddev	7.2	214.	19.8	.13	7.1
%RSD	.32667	.43878	.47390	.12849	.20702

#1	2193.3	48602.	4191.9	104.17	3442.9
#2	2203.5	48905.	4163.9	103.98	3453.0

Sample Name: J5023-12MS Acquired: 9/25/2018 15:09:59 Type: Unk
Method: P4-ICP2(v2455) 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	.85454	2.0264	1.0169	2.1776	.82272	2.1594	.39596	.19871	.21219
Stddev	.01124	.0318	.0109	.0208	.00812	.0438	.00215	.00131	.00282
%RSD	1.3149	1.5676	1.0759	.95492	.98692	2.0270	.54303	.65841	1.3285

#1	.84660	2.0040	1.0091	2.1629	.81698	2.1284	.39444	.19778	.21020
#2	.86249	2.0489	1.0246	2.1923	.82846	2.1903	.39748	.19963	.21419

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.281	.39095	.20795	.29194	6.4817	2.3833	4.6515	.50545	.07201
Stddev	.006	.00548	.00369	.00303	.0485	.0078	.0701	.00661	.00077
%RSD	.01754	1.4029	1.7722	1.0383	.74840	.32935	1.5063	1.3069	1.0715

#1	33.277	.38707	.20534	.28980	6.4474	2.3778	4.7011	.50078	.07146
#2	33.286	.39483	.21055	.29409	6.5160	2.3889	4.6020	.51012	.07255

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	330.97	.30222	.22683	10.562	.41740	.28951	.06024	1.1108	.70258
Stddev	2.20	.00054	.00494	.165	.00634	.00595	.00041	.0078	.01288
%RSD	.66491	.17706	2.1764	1.5586	1.5195	2.0544	.67818	.70526	1.8326

#1	332.53	.30185	.22333	10.446	.41291	.28531	.06053	1.1163	.69348
#2	329.42	.30260	.23032	10.679	.42188	.29372	.05995	1.1052	.71169

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19891	1.7552	6.156	.28007	5.3771	3.6053
Stddev	.00146	.0131	.081	.00121	.6133	.7650
%RSD	.73601	.74870	1.318	.43200	11.405	21.217

#1	.19995	1.7459	6.099	.27922	4.9434	3.0644
#2	.19788	1.7645	6.214	.28093	5.8107	4.1462

Sample Name: J5023-12MS Acquired: 9/25/2018 15:09:59 Type: Unk
Method: P4-ICP2(v2455) 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	2115.4	47036.	4187.8	102.15	3155.7
Stddev	12.0	135.	8.0	.52	16.8
%RSD	.56618	.28654	.19145	.51269	.53255
#1	2106.9	47131.	4193.4	102.52	3143.9
#2	2123.8	46941.	4182.1	101.78	3167.6

Sample Name: J5023-12MSD Acquired: 9/25/2018 15:13:56 Type: Unk
Method: P4-ICP2(v2455) 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	.90877	2.1535	1.0836	2.3170	.87816	2.3705	.41534	.21595	.22610
Stddev	.00317	.0101	.0068	.0031	.00083	.0373	.00101	.00121	.00020
%RSD	.34871	.46927	.62452	.13458	.09490	1.5746	.24387	.56079	.08890

#1	.91101	2.1463	1.0788	2.3192	.87874	2.3441	.41462	.21509	.22595
#2	.90653	2.1606	1.0884	2.3148	.87757	2.3969	.41605	.21680	.22624

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.198	.42705	.22183	.31131	6.8440	2.3759	4.8798	.53837	.07767
Stddev	.043	.00165	.00064	.00047	.0011	.0017	.0154	.00194	.00080
%RSD	.12961	.38588	.28907	.15257	.01591	.07065	.31517	.36127	1.0334

#1	33.167	.42589	.22138	.31098	6.8448	2.3747	4.8689	.53699	.07824
#2	33.228	.42822	.22229	.31165	6.8432	2.3771	4.8906	.53974	.07711

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	325.87	.32932	.24059	11.574	.44688	.32535	.06386	1.1905	.75308
Stddev	3.76	.00083	.00054	.075	.00062	.00935	.00102	.0226	.00375
%RSD	1.1548	.25283	.22534	.64782	.13968	2.8751	1.5927	1.8968	.49775

#1	328.53	.32990	.24098	11.521	.44732	.31874	.06458	1.2065	.75043
#2	323.21	.32873	.24021	11.627	.44644	.33197	.06314	1.1746	.75573

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22239	1.9408	6.528	.29809	4.8196	4.0048
Stddev	.00151	.0244	.005	.00126	.4710	.2434
%RSD	.67905	1.2583	.0814	.42227	9.7729	6.0776

#1	.22132	1.9235	6.532	.29898	5.1526	3.8327
#2	.22346	1.9580	6.525	.29720	4.4865	4.1769

Sample Name: J5023-12MSD Acquired: 9/25/2018 15:13:56 Type: Unk
Method: P4-ICP2(v2455) 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	2121.4	47580.	4234.9	102.12	3171.9
Stddev	3.8	37.	27.1	.48	1.1
%RSD	.17786	.07867	.63918	.47495	.03620
#1	2118.7	47553.	4215.8	101.77	3172.7
#2	2124.1	47606.	4254.0	102.46	3171.1

Sample Name: J5023-12A Acquired: 9/25/2018 15:17:52 Type: Unk
Method: P4-ICP2(v2455) 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	.92458	2.1770	1.0992	2.3448	.89227	2.4017	.41629	.22023	.22896
Stddev	.00038	.0051	.0033	.0070	.00580	.0267	.00068	.00001	.00010
%RSD	.04147	.23518	.29743	.29699	.65041	1.1130	.16329	.00367	.04240

#1	.92485	2.1806	1.1015	2.3497	.89637	2.4206	.41677	.22022	.22889
#2	.92431	2.1734	1.0969	2.3398	.88817	2.3828	.41581	.22023	.22903

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.274	.43724	.22510	.31459	6.8412	2.3785	4.9598	.54563	.07932
Stddev	.089	.00151	.00108	.00049	.0774	.0026	.0052	.00135	.00033
%RSD	.26660	.34472	.47761	.15521	1.1316	.11115	.10525	.24793	.41879

#1	33.211	.43831	.22434	.31493	6.7865	2.3804	4.9561	.54467	.07909
#2	33.336	.43618	.22586	.31424	6.8960	2.3767	4.9635	.54659	.07956

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	327.52	.33553	.24324	11.782	.45342	.32098	.05823	1.2150	.76374
Stddev	1.05	.00173	.00647	.006	.00238	.00389	.00070	.0065	.00033
%RSD	.31953	.51422	2.6600	.05416	.52540	1.2127	1.1953	.53585	.04341

#1	326.78	.33431	.23867	11.777	.45510	.31823	.05872	1.2104	.76351
#2	328.25	.33675	.24782	11.786	.45173	.32373	.05773	1.2196	.76398

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22587	1.9533	6.621	.30575	4.7200	3.3746
Stddev	.00267	.0093	.005	.00076	.5375	.0617
%RSD	1.1805	.47502	.0772	.24770	11.387	1.8282

#1	.22398	1.9467	6.617	.30521	5.1001	3.3310
#2	.22776	1.9598	6.624	.30628	4.3399	3.4183

Sample Name: J5023-12A Acquired: 9/25/2018 15:17:52 Type: Unk
Method: P4-ICP2(v2455) 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	2122.5	47680.	4231.8	102.35	3171.1
Stddev	10.0	116.	5.4	2.18	6.8
%RSD	.47253	.24271	.12693	2.1298	.21293
#1	2115.4	47599.	4235.6	103.89	3166.4
#2	2129.6	47762.	4228.0	100.81	3175.9

Sample Name: J5017-08 Acquired: 9/25/2018 17:55:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5017-07MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84306	2.0776	1.3993	1.7449	.71589	252.46	1.5119
Stddev	.00292	.0106	.0042	.0008	.00008	1.74	.0082
%RSD	.34660	.50810	.30302	.04307	.01170	.69106	.54199

#1	.84512	2.0701	1.3963	1.7443	.71584	251.22	1.5177
#2	.84099	2.0851	1.4023	1.7454	.71595	253.69	1.5061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18899	.22919	75.406	.58546	.41315	.55715	408.88
Stddev	.00106	.00112	.379	.00104	.00140	.00164	4.11
%RSD	.56110	.48926	.50291	.17704	.33839	.29384	1.0048

#1	.18824	.22840	75.674	.58620	.41217	.55599	411.78
#2	.18974	.22999	75.138	.58473	.41414	.55831	405.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8387	71.720	.87882	.07642	3.4083	.64430	1.4081
Stddev	.0188	.074	.00191	.00058	.0322	.00268	.0162
%RSD	.21269	.10297	.21714	.75808	.94437	.41529	1.1521

#1	8.8254	71.772	.87748	.07683	3.4311	.64241	1.4196
#2	8.8520	71.668	.88017	.07601	3.3856	.64619	1.3967

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.447	.35360	.62056	24.001	2.8880	.73958	1.2367
Stddev	.130	.00076	.00120	.074	.0227	.00311	.0017
%RSD	.41406	.21570	.19325	.31027	.78581	.42060	.14102

#1	31.539	.35414	.62141	23.948	2.9040	.73738	1.2354
#2	31.355	.35306	.61971	24.053	2.8719	.74178	1.2379

Sample Name: J5017-08 Acquired: 9/25/2018 17:55:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5017-07MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.4929	16.39	.55964	F<.00000	24.138
Stddev	.0194	.03	.00348	.15116	.840
%RSD	.43135	.1803	.62160	.66712	3.4811
#1	4.4792	16.37	.56210	-22.766	24.733
#2	4.5066	16.41	.55718	-22.552	23.544
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.7	56667.	5235.0	102.70	3057.4
Stddev	3.2	90.	46.6	1.50	1.4
%RSD	.12441	.15817	.88932	1.4561	.04543
#1	2534.4	56731.	5202.1	101.64	3058.4
#2	2538.9	56604.	5267.9	103.76	3056.4

Sample Name: PB113113BL Acquired: 9/25/2018 15:21:48 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	.00061	-.00159	.00057	.00039	.00122	.00105
Stddev	.00123	.00052	.00044	.00370	.00008	.00477	.00002
%RSD	31.874	86.293	27.870	653.61	20.667	390.53	2.2988

#1	.00299	.00098	-.00191	-.00205	.00033	.00459	.00106
#2	.00473	.00024	-.00128	.00318	.00045	-.00215	.00103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00000	-.00900	-.00027	.00022	-.00007	.00608
Stddev	.00008	.00017	.01178	.00083	.00006	.00027	.00404
%RSD	335.37	3876.1	130.90	304.46	27.881	375.30	66.406

#1	.00003	.00012	-.01733	-.00086	.00026	-.00027	.00322
#2	-.00008	-.00013	-.00067	.00032	.00018	.00012	.00893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.02465	.00038	-.00048	-.67588	-.00035	-.00028
Stddev	.00002	.03787	.00067	.00070	.00428	.00032	.00009
%RSD	29.480	153.62	178.47	147.28	.63339	92.651	31.217

#1	.00005	-.05143	.00085	-.00097	-.67891	-.00012	-.00034
#2	.00008	.00213	-.00010	.00002	-.67286	-.00058	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08864	-.00002	-.00071	-.00535	-.00347	-.00011	.00149
Stddev	.01825	.00019	.01194	.00081	.00194	.00018	.00070
%RSD	20.588	776.64	1691.8	15.131	55.778	160.83	46.904

#1	-.10154	.00011	.00774	-.00592	-.00210	.00002	.00100
#2	-.07573	-.00016	-.00915	-.00477	-.00485	-.00023	.00199

Sample Name: PB113113BL Acquired: 9/25/2018 15:21:48 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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 -.01558	.0005	.00005	F .25676	F .76618
Stddev	.01430	.0004	.00000	.06349	.08907
%RSD	91.770	89.72	.62738	24.727	11.625

#1	-.02570	.0002	.00005	.30166	.82916
#2	-.00547	.0008	.00005	.21187	.70320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.9	50854.	4214.7	104.44	3748.1
Stddev	5.1	15.	8.9	.85	5.1
%RSD	.22464	.02936	.21002	.81040	.13657

#1	2274.3	50844.	4221.0	105.04	3744.5
#2	2281.5	50865.	4208.5	103.84	3751.7

Sample Name: PB113113TB Acquired: 9/25/2018 15:29:45 Type: Unk
Method: P4-ICP2(v2455) 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	.00029	-.00171	-.00215	-.00119	.00224	.00256	-.00004	-.00011
Stddev	.00080	.00021	.00007	.00442	.00035	.00596	.00015	.00002
%RSD	279.39	12.460	3.1826	372.11	15.446	232.92	433.21	17.793
#1	.00085	-.00186	-.00211	.00194	.00200	.00677	.00007	-.00012
#2	-.00028	-.00156	-.00220	-.00432	.00249	-.00166	-.00014	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00706	.00055	.00010	-.00010	-.00080	-.00018	-.02223
Stddev	.00004	.01217	.00007	.00009	.00041	.00066	.00001	.00865
%RSD	179.58	172.53	12.565	91.565	416.34	83.068	6.8612	38.915
#1	.00001	.00155	.00050	.00016	-.00039	-.00126	-.00019	-.01611
#2	-.00006	-.01566	.00060	.00004	.00019	-.00033	-.00017	-.02835
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00051	-.77605	.00035	.00255	-.15060	.00012	-.01283
Stddev	.00013	.00033	.01146	.00076	.00003	.00934	.00027	.01110
%RSD	385.01	65.068	1.4770	216.24	1.0822	6.2011	236.05	86.510
#1	.00012	-.00028	-.78415	.00089	.00254	-.15720	.00031	-.02068
#2	-.00006	-.00075	-.76794	-.00019	.00257	-.14399	-.00008	-.00498
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00526	-.00308	.00018	.00089	-.03228	.0030	.00011	F .49359
Stddev	.00104	.00082	.00123	.00087	.01243	.0014	.00004	.37849
%RSD	19.730	26.752	699.37	98.201	38.523	46.08	34.753	76.682
#1	-.00599	-.00250	-.00069	.00027	-.04107	.0040	.00013	.22595
#2	-.00452	-.00366	.00105	.00150	-.02348	.0020	.00008	.76122

Sample Name: PB113113TB Acquired: 9/25/2018 15:29:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .79376
Stddev	.25219
%RSD	31.772

#1	.97208
#2	.61543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.5	50805.	4194.1	104.00	3731.5
Stddev	9.1	114.	8.1	.29	15.3
%RSD	.40444	.22433	.19388	.27661	.41064

#1	2235.1	50725.	4199.9	103.79	3720.6
#2	2247.9	50886.	4188.4	104.20	3742.3

Sample Name: J5017-04 Acquired: 9/25/2018 15:33:49 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10229	-.04099	.47743	-.08633	.00198	337.16	2.6551
Stddev	.00166	.00380	.00142	.00326	.00178	2.58	.0002
%RSD	1.6199	9.2638	.29756	3.7798	90.021	.76377	.00730

#1	.10346	-.03831	.47642	-.08402	.00324	335.34	2.6550
#2	.10111	-.04368	.47843	-.08863	.00072	338.98	2.6552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01777	.02888	66.487	.38336	.40786	.48274	645.68
Stddev	.00003	.00035	.277	.00201	.00114	.00283	3.82
%RSD	.16404	1.2197	.41635	.52364	.28069	.58699	.59095

#1	.01779	.02863	66.683	.38194	.40867	.48073	648.38
#2	.01775	.02913	66.291	.38478	.40705	.48474	642.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0903	81.548	.56089	.02189	.41118	.48437	1.6965
Stddev	.0239	.006	.00319	.00121	.00172	.00672	.0120
%RSD	.39190	.00747	.56834	5.5163	.41862	1.3864	.70844

#1	6.1072	81.544	.56315	.02274	.41239	.47962	1.7050
#2	6.0735	81.553	.55864	.02104	.40996	.48912	1.6880

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.882	.00829	.39242	13.651	2.2264	.06418	1.0330
Stddev	.085	.00007	.00310	.011	.0019	.00073	.0047
%RSD	.30614	.83589	.79104	.08113	.08385	1.1376	.45212

#1	27.942	.00834	.39462	13.659	2.2251	.06367	1.0297
#2	27.821	.00825	.39023	13.644	2.2278	.06470	1.0363

Sample Name: J5017-04 Acquired: 9/25/2018 15:33:49 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4352	8.393	.31234	F<.00000	27.973
Stddev	.0247	.005	.00046	.67692	.202
%RSD	.71945	.0596	.14800	1.7020	.72165

#1	3.4177	8.390	.31266	-39.293	28.116
#2	3.4527	8.397	.31201	-40.250	27.830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.5	58955.	5392.4	98.627	2919.1
Stddev	.7	93.	2.4	.807	18.6
%RSD	.02440	.15773	.04516	.81838	.63567

#1	2668.0	59021.	5390.7	98.057	2905.9
#2	2668.9	58889.	5394.2	99.198	2932.2

Sample Name: J5017-05 Acquired: 9/25/2018 15:37:49 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12110	-.03861	.56999	-.07379	-.00253	291.04	1.7440
Stddev	.00006	.00523	.00167	.00319	.00134	.28	.0042
%RSD	.04544	13.544	.29218	4.3256	52.981	.09471	.24196

#1	.12106	-.04230	.56881	-.07154	-.00158	291.23	1.7470
#2	.12114	-.03491	.57116	-.07605	-.00348	290.84	1.7410

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01434	.02886	337.57	.28904	.24993	.35488	522.03
Stddev	.00028	.00007	.22	.00112	.00007	.00115	5.60
%RSD	1.9832	.23699	.06451	.38668	.02616	.32439	1.0719

#1	.01414	.02882	337.72	.28983	.24997	.35569	525.99
#2	.01454	.02891	337.41	.28825	.24988	.35406	518.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.375	150.47	.52765	.01755	22.936	.42540	1.5461
Stddev	.023	.46	.00042	.00147	.058	.00261	.0225
%RSD	.19840	.30372	.07965	8.4021	.25235	.61292	1.4547

#1	11.391	150.15	.52795	.01859	22.977	.42356	1.5620
#2	11.359	150.79	.52735	.01650	22.895	.42725	1.5302

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.984	.00258	.35974	4.2693	2.1245	.03235	1.2139
Stddev	.057	.00034	.00992	.0156	.0107	.00212	.0004
%RSD	.22677	13.286	2.7580	.36575	.50596	6.5435	.03608

#1	25.024	.00282	.36675	4.2582	2.1169	.03086	1.2136
#2	24.944	.00234	.35272	4.2803	2.1321	.03385	1.2143

Sample Name: J5017-05 Acquired: 9/25/2018 15:37:49 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4618	12.41	.82612	F<.00000	28.320
Stddev	.0314	.01	.00207	.59433	.989
%RSD	.90825	.1098	.25035	2.2390	3.4922

#1	3.4840	12.42	.82758	-26.124	29.019
#2	3.4395	12.40	.82465	-26.964	27.620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.9	59003.	5524.7	96.826	2732.3
Stddev	18.2	111.	25.1	1.428	4.2
%RSD	.69043	.18879	.45521	1.4749	.15276

#1	2619.0	58924.	5506.9	95.816	2729.4
#2	2644.7	59082.	5542.5	97.836	2735.3

Sample Name: PB113144BS Acquired: 9/25/2018 15:45:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76492	1.9363	.91380	1.9083	.78069	1.9451	.18815
Stddev	.00096	.0068	.00163	.0011	.00013	.0037	.00030
%RSD	.12542	.35206	.17814	.05635	.01636	.19238	.15751

#1	.76559	1.9412	.91265	1.9075	.78078	1.9424	.18836
#2	.76424	1.9315	.91495	1.9090	.78060	1.9477	.18794

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18274	.18752	.98793	.38441	.18290	.28030	2.8885
Stddev	.00041	.00001	.00484	.00013	.00048	.00085	.0323
%RSD	.22484	.00547	.48975	.03392	.26243	.30502	1.1196

#1	.18244	.18753	.99135	.38432	.18324	.28091	2.8657
#2	.18303	.18752	.98451	.38450	.18256	.27970	2.9114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19816	1.8476	.45913	.06848	3.3847	.29231	.18722
Stddev	.00034	.0385	.00031	.00005	.0066	.00079	.00330
%RSD	.16983	2.0857	.06719	.07385	.19494	.27049	1.7613

#1	.19793	1.8203	.45891	.06852	3.3800	.29287	.18489
#2	.19840	1.8748	.45934	.06845	3.3893	.29175	.18956

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5240	.40388	.28472	F -.01032	.85518	.63942	.20169
Stddev	.0542	.00006	.00466	.00146	.00022	.00131	.00143
%RSD	.56887	.01529	1.6358	14.133	.02541	.20513	.70997

#1	9.4856	.40384	.28142	-.00929	.85534	.64035	.20068
#2	9.5623	.40393	.28801	-.01136	.85503	.63849	.20270

Sample Name: PB113144BS Acquired: 9/25/2018 15:45:42 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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 1.6625	4.961	.19259	F 1.4322	.79926
Stddev	.0021	.009	.00091	.3429	.42986
%RSD	.12646	.1724	.47303	23.945	53.782

#1	1.6639	4.967	.19323	1.6746	1.1032
#2	1.6610	4.955	.19194	1.1897	.49530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.7	50138.	4162.9	102.93	3599.7
Stddev	6.0	17.	.0	1.20	15.1
%RSD	.27289	.03426	.00093	1.1688	.41993

#1	2209.4	50150.	4162.9	103.79	3589.0
#2	2218.0	50126.	4162.9	102.08	3610.4

Sample Name: CCV05 Acquired: 9/25/2018 15:49:35 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13879 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1313	5.1686	5.1517	5.2001	5.2674	10.851	10.000	.26049
Stddev	.0062	.0035	.0077	.0031	.0008	.126	.025	.00004
%RSD	.12117	.06785	.14993	.05862	.01434	1.1634	.25088	.01677
#1	5.1357	5.1711	5.1571	5.2023	5.2668	10.762	10.018	.26052
#2	5.1269	5.1661	5.1462	5.1980	5.2679	10.940	9.9826	.26046
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5816	26.002	1.0330	2.5733	1.2951	5.2738	2.6147	25.522
Stddev	.0014	.185	.0048	.0041	.0008	.0982	.0010	.064
%RSD	.05227	.71269	.46687	.15834	.06049	1.8625	.03656	.25013
#1	2.5826	25.871	1.0295	2.5704	1.2956	5.2044	2.6141	25.567
#2	2.5807	26.133	1.0364	2.5762	1.2945	5.3433	2.6154	25.476
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5680	1.2899	25.749	2.6049	2.5983	26.035	5.1858	5.2249
Stddev	.0039	.0010	.093	.0047	.0212	.016	.0073	.0082
%RSD	.15016	.08118	.35969	.18218	.81589	.06306	.14007	.15673
#1	2.5707	1.2892	25.815	2.6015	2.5833	26.046	5.1909	5.2191
#2	2.5653	1.2907	25.684	2.6082	2.6133	26.023	5.1806	5.2307
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1137	4.9188	5.0768	5.2654	4.7225	5.204	5.3015	F 3.7611
Stddev	.0074	.0064	.0160	.0191	.0304	.001	.0152	.3309
%RSD	.14460	.12960	.31428	.36299	.64456	.0199	.28727	8.7980
#1	5.1085	4.9234	5.0881	5.2519	4.7010	5.204	5.3123	3.9951
#2	5.1189	4.9143	5.0656	5.2789	4.7440	5.203	5.2907	3.5272

Sample Name: CCV05 Acquired: 9/25/2018 15:49:35 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13879 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1859
Stddev	.5795
%RSD	18.188

#1	2.7762
#2	3.5956

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.0	48579.	4154.6	99.067	3316.3
Stddev	6.3	49.	20.7	.537	8.4
%RSD	.28989	.10047	.49898	.54221	.25256

#1	2179.5	48544.	4139.9	99.447	3310.4
#2	2188.4	48613.	4169.2	98.687	3322.2

Sample Name: CCB05 Acquired: 9/25/2018 15:53:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13879 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.00205	-.00165	-.00314	-.00164	.01826	.00140
Stddev	.00304	.00000	.00081	.00236	.00050	.01368	.00027
%RSD	93.882	.06897	48.856	75.062	30.656	74.935	19.697

#1	.00109	.00204	-.00223	-.00480	-.00129	.00858	.00159
#2	.00539	.00205	-.00108	-.00147	-.00200	.02793	.00120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00000	-.00369	.00034	.00007	.00026	.00666
Stddev	.00001	.00010	.00630	.00051	.00001	.00007	.01081
%RSD	36.049	32273.	170.72	149.27	21.613	25.955	162.34

#1	-.00001	.00007	.00076	-.00002	.00008	.00031	-.00098
#2	-.00002	-.00007	-.00814	.00070	.00006	.00021	.01430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01747	.00044	.00030	-.82257	.00012	-.00031
Stddev	.00007	.01406	.00012	.00014	.00645	.00013	.00005
%RSD	125.33	80.492	26.113	46.348	.78393	106.25	15.596

#1	-.00011	-.02741	.00052	.00040	-.81801	.00021	-.00028
#2	-.00001	-.00753	.00036	.00020	-.82713	.00003	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08400	.00057	.00357	-.00277	-.00031	.00061	.00287
Stddev	.00650	.00029	.00580	.00053	.00021	.00012	.00252
%RSD	7.7392	51.771	162.40	19.287	67.681	19.301	87.862

#1	-.07940	.00077	.00768	-.00239	-.00016	.00052	.00465
#2	-.08859	.00036	-.00053	-.00315	-.00045	.00069	.00109

Sample Name: CCB05 Acquired: 9/25/2018 15:53:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13879 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03415	-.0006	.00011	F .62189	F 1.2376
Stddev	.00518	.0004	.00001	.24550	.5048
%RSD	15.153	57.80	13.889	39.476	40.792

#1	-.03049	-.0004	.00012	.44830	.88062
#2	-.03781	-.0009	.00010	.79548	1.5946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.9	50565.	4191.2	105.38	3728.7
Stddev	1.8	46.	8.9	1.09	2.0
%RSD	.07981	.09004	.21288	1.0365	.05485

#1	2266.6	50597.	4184.9	106.15	3730.2
#2	2269.2	50533.	4197.5	104.60	3727.3

Sample Name: J5056-01 Acquired: 9/25/2018 15:57:25 Type: Unk
Method: P4-ICP2(v2455) 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	.00852	-.00247	.01109	.00581	.00278	.60069	.52038	-.00011
Stddev	.00369	.00121	.00033	.00115	.00138	.00296	.00224	.00002
%RSD	43.249	49.120	2.9717	19.755	49.585	.49271	.43060	20.652

#1	.01113	-.00333	.01085	.00662	.00375	.59860	.52197	-.00010
#2	.00592	-.00161	.01132	.00500	.00180	.60278	.51880	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	213.36	.00197	.00052	.02573	7.3639	.62825	32.435
Stddev	.00002	.54	.00026	.00000	.00059	.0908	.00032	.167
%RSD	9.8504	.25443	13.348	.62885	2.2754	1.2333	.05100	.51622

#1	.00018	213.75	.00178	.00052	.02531	7.2997	.62848	32.317
#2	.00020	212.98	.00215	.00052	.02614	7.4282	.62802	32.553

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00001	279.40	.00198	.16498	26.753	.00159	1.4568
Stddev	.00020	.00039	1.25	.00027	.00298	.209	.00002	.0036
%RSD	65.256	4519.8	.44803	13.723	1.8084	.78157	1.4499	.24510

#1	.00017	.00029	278.52	.00179	.16287	26.901	.00161	1.4594
#2	.00045	-.00027	280.29	.00217	.16709	26.606	.00157	1.4543

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6643	20.315	.00115	.01524	1.1072	.2692	1.3197	8.9214
Stddev	.0136	.089	.00056	.00063	.0019	.0066	.0042	.6634
%RSD	.17729	.44004	48.674	4.1620	.17355	2.465	.31525	7.4364

#1	7.6739	20.378	.00154	.01569	1.1058	.2739	1.3226	9.3905
#2	7.6547	20.252	.00075	.01480	1.1086	.2645	1.3167	8.4523

Sample Name: J5056-01 Acquired: 9/25/2018 15:57:25 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9825
Stddev .2872
%RSD 5.7636

#1 4.7795
#2 5.1856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.0	45939.	4130.3	100.45	3035.5
Stddev	11.2	106.	31.0	.64	16.1
%RSD	.54979	.23065	.75034	.64087	.53158

#1	2023.1	45864.	4108.4	100.90	3024.1
#2	2038.9	46014.	4152.3	99.990	3046.9

Sample Name: PB113147BL Acquired: 9/25/2018 16:01:30 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7485 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00257	-.00120	-.00054	-.00003	.00370	.00104
Stddev	.00335	.00044	.00007	.00182	.00090	.00730	.00032
%RSD	913.28	17.125	5.4706	336.16	2790.9	197.42	31.033

#1	-.00200	.00288	-.00124	-.00183	-.00067	-.00146	.00081
#2	.00274	.00226	-.00115	.00075	.00060	.00886	.00126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00011	.00226	-.00031	.00008	.00009	.00743
Stddev	.00011	.00004	.00211	.00009	.00037	.00018	.00046
%RSD	373.24	34.563	93.396	30.364	491.67	204.32	6.2029

#1	.00005	-.00008	.00376	-.00024	.00034	-.00004	.00710
#2	-.00011	-.00014	.00077	-.00038	-.00019	.00021	.00775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.03547	.00009	.00011	-.79467	.00065	-.00031
Stddev	.00001	.02459	.00013	.00042	.00558	.00010	.00006
%RSD	383.98	69.322	138.25	372.62	.70210	15.542	18.262

#1	.00000	-.05286	.00019	.00041	-.79861	.00073	-.00035
#2	-.00001	-.01808	.00000	-.00018	-.79072	.00058	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10795	.00002	.00183	-.00468	-.00178	.00056	.00158
Stddev	.04494	.00029	.00642	.00339	.00049	.00036	.00022
%RSD	41.630	1374.9	351.81	72.472	27.208	65.159	13.829

#1	-.13972	.00023	.00637	-.00708	-.00144	.00030	.00174
#2	-.07617	-.00018	-.00272	-.00228	-.00213	.00082	.00143

Sample Name: PB113147BL Acquired: 9/25/2018 16:01:30 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7485 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03096	-.0012	.00002	F .26643	F .97561
Stddev	.00152	.0006	.00014	.24152	.06603
%RSD	4.8999	49.99	561.56	90.649	6.7678

#1	-.03204	-.0016	-.00007	.09565	1.0223
#2	-.02989	-.0008	.00012	.43721	.92892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.4	50843.	4224.2	106.76	3730.8
Stddev	7.8	38.	9.4	.68	15.6
%RSD	.34598	.07377	.22332	.63526	.41737

#1	2261.8	50816.	4230.8	106.28	3719.8
#2	2272.9	50869.	4217.5	107.24	3741.9

Sample Name: PB113114BS Acquired: 9/25/2018 16:05:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75159	1.9204	.90582	1.8897	.77138	1.9301	.18668
Stddev	.00138	.0129	.00162	.0038	.00026	.0374	.00022
%RSD	.18403	.67282	.17846	.20169	.03355	1.9372	.11778

#1	.75257	1.9295	.90696	1.8924	.77120	1.9037	.18683
#2	.75062	1.9112	.90467	1.8870	.77156	1.9566	.18652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18004	.18568	.95304	.37874	.18110	.27796	2.8113
Stddev	.00031	.00086	.00262	.00082	.00012	.00036	.0324
%RSD	.16991	.46195	.27444	.21659	.06590	.12889	1.1540

#1	.17982	.18629	.95120	.37816	.18118	.27821	2.7884
#2	.18025	.18508	.95489	.37932	.18101	.27770	2.8342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19556	1.8405	.45250	.06852	3.3404	.29245	.18216
Stddev	.00016	.0101	.00098	.00034	.0122	.00140	.00129
%RSD	.08269	.55103	.21731	.49517	.36502	.47757	.70599

#1	.19545	1.8477	.45320	.06828	3.3318	.29344	.18125
#2	.19568	1.8333	.45181	.06876	3.3490	.29146	.18307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4294	.39871	.26880	F -.01037	.84559	.63204	.20188
Stddev	.0517	.00167	.00595	.00287	.00994	.00112	.00287
%RSD	.54783	.41836	2.2137	27.624	1.1752	.17729	1.4225

#1	9.3929	.39989	.26459	-.01240	.85262	.63284	.20392
#2	9.4659	.39753	.27301	-.00835	.83856	.63125	.19985

Sample Name: PB113114BS Acquired: 9/25/2018 16:05:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 1.6306	4.925	.19121	F .38322	.89051
Stddev	.0105	.004	.00020	.24272	.21237
%RSD	.64353	.0851	.10390	63.338	23.849

#1	1.6380	4.928	.19135	.21159	.74034
#2	1.6232	4.922	.19107	.55485	1.0407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.4	50532.	4247.8	106.01	3639.0
Stddev	25.6	108.	29.5	.39	38.6
%RSD	1.1449	.21405	.69446	.36433	1.0620

#1	2220.3	50456.	4226.9	105.74	3611.7
#2	2256.5	50609.	4268.6	106.28	3666.3

Sample Name: PB113105BL Acquired: 9/25/2018 16:13:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00366	.00129	-.00173	-.00479	.00033	.00599	.00069
Stddev	.00137	.00014	.00108	.00130	.00201	.00634	.00006
%RSD	37.438	10.971	62.470	27.222	599.50	105.75	8.8119

#1	.00269	.00119	-.00249	-.00387	-.00108	.00151	.00065
#2	.00463	.00139	-.00097	-.00571	.00175	.01048	.00073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00009	-.00440	-.00014	.00034	-.00058	.00791
Stddev	.00004	.00018	.01960	.00037	.00000	.00048	.01124
%RSD	43.742	204.69	445.13	255.78	.01421	82.582	142.16

#1	-.00011	-.00022	-.01827	.00012	.00034	-.00024	-.00004
#2	-.00006	.00004	.00946	-.00041	.00034	-.00091	.01585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.03764	.00026	.00016	F 1.0478	.00042	-.00038
Stddev	.00003	.06505	.00035	.00053	.0214	.00074	.00006
%RSD	49.585	172.82	134.76	343.06	2.0393	175.38	14.759

#1	-.00009	.00836	.00051	-.00022	1.0629	.00095	-.00042
#2	-.00004	-.08364	.00001	.00053	1.0327	-.00010	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24176	.00012	-.00135	.00484	-.00346	-.00093	-.00008
Stddev	.02282	.00017	.00638	.00255	.00089	.00130	.00150
%RSD	9.4381	148.13	471.90	52.645	25.606	139.27	1932.0

#1	.22562	-.00001	.00316	.00664	-.00284	-.00001	.00098
#2	.25789	.00024	-.00586	.00304	-.00409	-.00185	-.00114

Sample Name: PB113105BL Acquired: 9/25/2018 16:13:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 .03117	.0022	.00005	F<.00000	F .56892
Stddev	.01963	.0000	.00007	.25258	.45660
%RSD	62.971	2.003	147.15	49.519	80.257

#1	.01729	.0023	.00010	-.33146	.24605
#2	.04505	.0022	-.00000	-.68866	.89178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.0	51814.	4323.7	106.44	3765.7
Stddev	7.9	22.	12.1	1.29	22.5
%RSD	.34579	.04308	.28040	1.2103	.59673

#1	2281.5	51798.	4315.1	105.53	3749.8
#2	2292.6	51830.	4332.3	107.35	3781.6

Sample Name: PB113105BS Acquired: 9/25/2018 16:17:35 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79217	2.0137	.95093	1.9877	.80937	2.0339	.19453
Stddev	.00162	.0058	.00115	.0026	.00350	.0122	.00076
%RSD	.20421	.28862	.12130	.12979	.43234	.59791	.39172

#1	.79102	2.0096	.95012	1.9895	.81184	2.0253	.19507
#2	.79331	2.0178	.95175	1.9859	.80689	2.0425	.19399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18727	.19516	1.0731	.39881	.19059	.29399	2.9671
Stddev	.00053	.00028	.0089	.00028	.00032	.00105	.0223
%RSD	.28045	.14538	.82655	.07089	.16571	.35856	.75015

#1	.18689	.19496	1.0668	.39861	.19037	.29325	2.9828
#2	.18764	.19536	1.0794	.39901	.19081	.29474	2.9514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20458	1.9208	.47742	.07013	3.1838	.30108	.19172
Stddev	.00122	.0609	.00136	.00028	.0280	.00052	.00060
%RSD	.59778	3.1734	.28505	.40469	.87884	.17352	.31087

#1	.20371	1.9639	.47645	.07033	3.1640	.30071	.19214
#2	.20544	1.8777	.47838	.06993	3.2036	.30144	.19130

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8980	.41464	.28426	F -.00628	.81221	.66096	.20784
Stddev	.0037	.00104	.01433	.00078	.00164	.00006	.00039
%RSD	.03782	.25018	5.0428	12.392	.20193	.00888	.18891

#1	9.9007	.41390	.27413	-.00683	.81105	.66100	.20757
#2	9.8954	.41537	.29440	-.00573	.81337	.66091	.20812

Sample Name: PB113105BS Acquired: 9/25/2018 16:17:35 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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 1.7138	F 5.186	.19896	F<.00000	F .62568
Stddev	.0009	.026	.00058	.19631	.22164
%RSD	.05386	.4984	.29318	36.496	35.424

#1	1.7144	5.168	.19938	-.67671	.78240
#2	1.7131	5.204	.19855	-.39909	.46896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.3	51679.	4365.4	108.04	3686.3
Stddev	3.7	14.	2.8	.68	6.9
%RSD	.16220	.02645	.06303	.62772	.18647

#1	2272.7	51688.	4367.3	107.56	3681.4
#2	2277.9	51669.	4363.4	108.52	3691.2

Sample Name: J5019-01 Acquired: 9/25/2018 16:21:27 Type: Unk
Method: P4-ICP2(v2455) 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	.00951	.00044	.00429	.00586	-.00281	-.04856	.02481	-.00002
Stddev	.00204	.00148	.00033	.00160	.00054	.02584	.00070	.00003
%RSD	21.415	332.65	7.6126	27.361	19.053	53.200	2.8410	110.77

#1	.00807	.00149	.00452	.00472	-.00244	-.03030	.02531	-.00004
#2	.01095	-.00060	.00406	.00699	-.00319	-.06683	.02432	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	103.31	-.00179	-.00017	.00154	-.01958	.02446	282.80
Stddev	.00002	1.12	.00035	.00020	.00056	.01567	.00001	1.84
%RSD	6.0783	1.0815	19.364	113.46	36.518	80.020	.05709	.65240

#1	-.00034	104.10	-.00204	-.00003	.00193	-.03066	.02445	281.49
#2	-.00031	102.52	-.00155	-.00031	.00114	-.00850	.02447	284.10

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00408	-.00005	1987.8	.00134	-.00083	95.745	.00258	.95828
Stddev	.00009	.00033	40.3	.00035	.00002	1.225	.00013	.00018
%RSD	2.1116	612.88	2.0260	25.866	2.8621	1.2797	4.8703	.01852

#1	-.00414	.00018	2016.3	.00109	-.00082	96.611	.00249	.95815
#2	-.00402	-.00029	1959.4	.00159	-.00085	94.879	.00267	.95840

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	238.38	1.1121	-.08679	-.00008	.36188	.1240	1.7054	9.6424
Stddev	1.81	.0098	.00014	.00017	.00156	.0010	.0190	.4180
%RSD	.75978	.87874	.16531	215.66	.43214	.8390	1.1109	4.3347

#1	239.66	1.1190	-.08669	-.00019	.36299	.1247	1.7188	9.9380
#2	237.10	1.1052	-.08689	.00004	.36078	.1233	1.6920	9.3469

Sample Name: J5019-01 Acquired: 9/25/2018 16:21:27 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8350
Stddev .0533
%RSD 1.1030

#1 4.7973
#2 4.8727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.1	43270.	4138.7	97.620	2693.2
Stddev	11.7	135.	26.6	2.680	18.2
%RSD	.59102	.31300	.64199	2.7448	.67599

#1	1977.8	43366.	4119.9	95.725	2680.3
#2	1994.4	43174.	4157.5	99.515	2706.1

Sample Name: J5017-06 Acquired: 9/25/2018 16:25:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10081	-.03584	.25206	-.06892	-.00191	283.98	1.8767
Stddev	.00739	.00136	.00670	.00598	.00065	.54	.0029
%RSD	7.3281	3.7832	2.6591	8.6753	34.149	.18853	.15563

#1	.09558	-.03680	.25680	-.07315	-.00145	284.36	1.8746
#2	.10603	-.03488	.24732	-.06469	-.00237	283.60	1.8787

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01449	.02257	121.31	.29878	.25730	.34986	543.15
Stddev	.00019	.00081	.36	.00054	.00179	.00238	7.19
%RSD	1.3114	3.6085	.29535	.17947	.69454	.68008	1.3233

#1	.01435	.02314	121.06	.29916	.25856	.35154	538.07
#2	.01462	.02199	121.57	.29840	.25604	.34818	548.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0523	104.63	.55268	.02041	13.164	.41775	1.4981
Stddev	.0082	.97	.00025	.00092	.029	.00265	.0224
%RSD	.11605	.92699	.04483	4.5120	.22045	.63551	1.4975

#1	7.0581	103.94	.55251	.01976	13.144	.41587	1.4822
#2	7.0465	105.31	.55286	.02107	13.185	.41963	1.5139

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.238	.00083	.47518	2.9704	1.7544	.03174	1.1271
Stddev	.019	.00025	.01432	.0062	.0261	.00018	.0027
%RSD	.08261	30.615	3.0133	.20808	1.4850	.57017	.23903

#1	23.224	.00100	.46505	2.9748	1.7360	.03161	1.1252
#2	23.251	.00065	.48530	2.9661	1.7728	.03187	1.1290

Sample Name: J5017-06 Acquired: 9/25/2018 16:25:34 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4127	12.52	.54566	F<.00000	30.047
Stddev	.0284	.00	.00066	1.1163	.366
%RSD	.83350	.0081	.12172	3.0189	1.2184

#1	3.3926	12.52	.54519	-36.186	29.788
#2	3.4328	12.52	.54613	-37.765	30.306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.0	62858.	5795.6	99.409	2900.9
Stddev	3.9	118.	23.7	1.293	6.7
%RSD	.14051	.18775	.40928	1.3012	.23161

#1	2772.2	62775.	5812.3	100.32	2896.1
#2	2777.7	62942.	5778.8	98.495	2905.6

Sample Name: J5017-07 Acquired: 9/25/2018 16:29:36 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13726	-.02678	.36379	-.06169	-.00072	252.49	1.3601
Stddev	.00485	.00423	.00257	.00552	.00112	.09	.0014
%RSD	3.5349	15.808	.70722	8.9471	153.92	.03391	.09911

#1	.13383	-.02977	.36198	-.05779	-.00151	252.56	1.3592
#2	.14069	-.02379	.36561	-.06560	.00006	252.43	1.3611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01108	.01493	76.253	.30314	.20778	.31762	404.02
Stddev	.00043	.00060	.044	.00220	.00032	.00144	3.27
%RSD	3.8646	4.0506	.05739	.72461	.15551	.45327	.80908

#1	.01138	.01451	76.222	.30469	.20755	.31660	406.34
#2	.01078	.01536	76.283	.30158	.20800	.31864	401.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7654	71.733	.40803	.00996	.84954	.38591	1.2126
Stddev	.0005	.195	.00103	.00093	.02212	.00068	.0099
%RSD	.00605	.27124	.25314	9.3393	2.6033	.17501	.81756

#1	8.7651	71.596	.40876	.01062	.83390	.38638	1.2196
#2	8.7658	71.871	.40730	.00930	.86518	.38543	1.2055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.935	.01461	.35734	23.940	2.2224	.02327	1.0665
Stddev	.068	.00002	.00068	.023	.0135	.00050	.0022
%RSD	.29823	.13584	.18936	.09788	.60505	2.1432	.20626

#1	22.886	.01462	.35686	23.957	2.2129	.02363	1.0650
#2	22.983	.01459	.35782	23.923	2.2319	.02292	1.0681

Sample Name: J5017-07 Acquired: 9/25/2018 16:29:36 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.8834	10.48	.39490	F<.00000	25.233
Stddev	.0074	.01	.00069	.12547	1.083
%RSD	.25701	.0896	.17559	.48112	4.2920

#1	2.8781	10.49	.39441	-25.991	24.467
#2	2.8886	10.48	.39539	-26.168	25.999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.1	57324.	5278.7	105.34	3083.7
Stddev	3.6	226.	11.3	.98	6.5
%RSD	.13983	.39465	.21434	.92911	.21019

#1	2558.6	57164.	5286.7	104.65	3079.1
#2	2563.6	57484.	5270.7	106.03	3088.3

Sample Name: J5051-01 Acquired: 9/25/2018 16:34:43 Type: Unk
Method: P4-ICP2(v2455) 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	.00608	.00152	.00212	-.00135	-.00192	-.02338	.02060	.00009
Stddev	.00529	.00140	.00059	.00104	.00088	.00164	.00010	.00009
%RSD	87.077	92.164	28.073	76.673	45.968	7.0328	.48432	100.12

#1	.00233	.00252	.00254	-.00209	-.00254	-.02222	.02053	.00015
#2	.00982	.00053	.00170	-.00062	-.00129	-.02455	.02067	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	58.467	-.00120	-.00031	.00181	-.00569	.00203	126.26
Stddev	.00008	.352	.00036	.00008	.00049	.00756	.00027	.07
%RSD	30.928	.60134	29.641	25.310	27.061	133.03	13.472	.05738

#1	-.00033	58.218	-.00095	-.00037	.00215	-.00034	.00184	126.21
#2	-.00021	58.715	-.00145	-.00026	.00146	-.01104	.00222	126.31

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	-.00009	991.45	.00122	-.00160	41.627	.00124	.43342
Stddev	.00039	.00005	3.01	.00010	.00018	.336	.00045	.01043
%RSD	19.476	51.843	.30353	7.8939	11.414	.80764	36.405	2.4062

#1	-.00227	-.00012	993.58	.00115	-.00147	41.389	.00156	.44080
#2	-.00172	-.00006	989.32	.00128	-.00173	41.864	.00092	.42605

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.69	.87412	-.03543	-.00016	.13283	.0777	.80343	5.3720
Stddev	.73	.00171	.00047	.00306	.00245	.0012	.00603	3.6320
%RSD	.72231	.19569	1.3151	1884.6	1.8444	1.584	.75011	67.610

#1	101.21	.87291	-.03510	-.00233	.13110	.0786	.79917	2.8038
#2	100.18	.87533	-.03576	.00200	.13456	.0768	.80769	7.9402

Sample Name: J5051-01 Acquired: 9/25/2018 16:34:43 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6664
 Stddev .3123
 %RSD 8.5186

#1 3.4455
 #2 3.8872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.4	47028.	4318.2	103.90	3008.6
Stddev	15.3	3804.	24.7	1.08	18.5
%RSD	.71993	8.0887	.57176	1.0415	.61375

#1	2115.6	49718.	4335.7	103.14	2995.6
#2	2137.2	44338.	4300.8	104.67	3021.7

Sample Name: J5017-07DUP Acquired: 9/25/2018 16:38:50 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13519	-.02794	.36734	-.06093	-.00177	257.04	1.3904
Stddev	.00355	.00145	.00093	.00024	.00126	.89	.0299
%RSD	2.6265	5.1732	.25351	.39482	70.841	.34581	2.1507

#1	.13770	-.02896	.36800	-.06110	-.00266	256.42	1.3692
#2	.13268	-.02692	.36668	-.06076	-.00089	257.67	1.4115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01110	.01506	76.939	.30905	.20994	.31672	411.78
Stddev	.00006	.00160	1.931	.00073	.00023	.00167	10.24
%RSD	.56870	10.623	2.5104	.23719	.11105	.52830	2.4869

#1	.01106	.01619	75.573	.30854	.20978	.31791	404.54
#2	.01115	.01393	78.304	.30957	.21011	.31554	419.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7842	72.933	.41517	.01077	1.0753	.38979	1.2295
Stddev	.0026	2.120	.00244	.00135	.0774	.00284	.0213
%RSD	.02973	2.9063	.58839	12.539	7.2014	.72968	1.7290

#1	8.7823	71.434	.41344	.00981	1.0205	.38778	1.2145
#2	8.7860	74.432	.41690	.01172	1.1300	.39180	1.2446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.465	.01538	.35298	24.282	2.3096	.02240	1.0832
Stddev	.539	.00004	.01629	.034	.0646	.00050	.0246
%RSD	2.2983	.27466	4.6145	.13809	2.7968	2.2503	2.2670

#1	23.084	.01535	.34146	24.306	2.2639	.02205	1.0659
#2	23.847	.01541	.36450	24.259	2.3553	.02276	1.1006

Sample Name: J5017-07DUP Acquired: 9/25/2018 16:38:50 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-SO Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.9652	10.57	.40212	F<.00000	25.064
Stddev	.0566	.01	.00862	.21725	.191
%RSD	1.9092	.0780	2.1435	.85453	.76254

#1	2.9251	10.58	.39602	-25.269	24.928
#2	3.0052	10.57	.40821	-25.576	25.199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.6	56651.	5168.6	103.41	3043.8
Stddev	2.7	65.	100.0	1.80	12.3
%RSD	.10554	.11462	1.9350	1.7398	.40386

#1	2530.5	56605.	5239.3	104.68	3052.5
#2	2526.7	56697.	5097.9	102.14	3035.1

Sample Name: CCV07 Acquired: 9/25/2018 16:51:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1075	5.1071	5.0824	5.1926	5.2645	10.876	9.8557	.25517
Stddev	.0163	.0037	.0039	.0420	.0124	.068	.1022	.00019
%RSD	.31896	.07159	.07686	.80780	.23567	.62873	1.0364	.07252
#1	5.1191	5.1097	5.0852	5.2223	5.2732	10.827	9.9280	.25530
#2	5.0960	5.1045	5.0797	5.1630	5.2557	10.924	9.7835	.25504
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5443	25.373	1.0156	2.5389	1.2862	5.1354	2.5671	24.998
Stddev	.0012	.003	.0007	.0008	.0046	.0087	.0019	.042
%RSD	.04518	.01146	.06588	.03087	.35661	.16975	.07313	.16704
#1	2.5435	25.371	1.0151	2.5383	1.2894	5.1415	2.5658	24.968
#2	2.5451	25.375	1.0160	2.5394	1.2829	5.1292	2.5684	25.027
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5298	1.2703	25.223	2.5701	2.4806	25.592	5.1350	5.1103
Stddev	.0001	.0027	.250	.0075	.0311	.178	.0143	.0164
%RSD	.00241	.21521	.99076	.29034	1.2541	.69477	.27903	.32136
#1	2.5298	1.2683	25.400	2.5648	2.5026	25.718	5.1451	5.1219
#2	2.5298	1.2722	25.046	2.5753	2.4586	25.466	5.1249	5.0987
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0800	4.7822	5.0182	5.2074	4.6492	5.174	5.2433	F 2.6634
Stddev	.0030	.0530	.0279	.0192	.0136	.020	.0612	.1097
%RSD	.05850	1.1078	.55506	.36942	.29328	.3846	1.1666	4.1182
#1	5.0821	4.8196	4.9985	5.2210	4.6589	5.188	5.2866	2.5859
#2	5.0779	4.7447	5.0379	5.1938	4.6396	5.160	5.2001	2.7410

Sample Name: CCV07 Acquired: 9/25/2018 16:51:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1628
Stddev .0485
%RSD 1.5343

#1 3.1285
#2 3.1971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.3	49210.	4288.7	103.14	3338.1
Stddev	16.8	262.	49.6	1.61	16.3
%RSD	.76962	.53169	1.1561	1.5581	.48757

#1	2177.4	49025.	4253.6	102.00	3326.6
#2	2201.2	49395.	4323.7	104.27	3349.7

Sample Name: CCB07 Acquired: 9/25/2018 16:55:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.00295	-.00173	-.00252	.00019	-.00139	.00106
Stddev	.00124	.00330	.00070	.00295	.00099	.00037	.00017
%RSD	59.447	112.04	40.265	117.05	521.23	26.898	16.478

#1	.00121	.00529	-.00124	-.00461	.00089	-.00165	.00093
#2	.00296	.00061	-.00222	-.00043	-.00051	-.00112	.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	-.01445	-.00043	.00015	-.00018	.00538
Stddev	.00003	.00002	.03469	.00051	.00008	.00047	.01889
%RSD	345.93	102.79	240.15	117.96	50.058	257.83	351.07

#1	-.00001	-.00003	.01009	-.00007	.00010	.00015	.01874
#2	.00003	-.00000	-.03898	-.00079	.00020	-.00051	-.00798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.05166	.00054	.00020	-.50178	.00033	-.00034
Stddev	.00004	.04431	.00012	.00040	.02906	.00016	.00013
%RSD	70.888	85.776	22.246	203.38	5.7919	50.194	39.333

#1	-.00009	-.02033	.00046	-.00009	-.52233	.00021	-.00024
#2	-.00003	-.08299	.00063	.00048	-.48123	.00044	-.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04177	.00079	-.00454	-.00373	-.00218	-.00008	.00057
Stddev	.00443	.00004	.00124	.00242	.00035	.00054	.00057
%RSD	10.599	4.7111	27.353	64.858	16.033	693.08	99.327

#1	-.04490	.00076	-.00366	-.00202	-.00243	.00030	.00097
#2	-.03864	.00081	-.00542	-.00543	-.00193	-.00046	.00017

Sample Name: CCB07 Acquired: 9/25/2018 16:55:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 -.02853	.0016	.00010	F<.00000	F .80383
Stddev	.00006	.0014	.00000	.25820	.10418
%RSD	.20238	82.92	.51123	28.306	12.960

#1	-.02857	.0026	.00010	-1.0947	.73016
#2	-.02849	.0007	.00010	-.72958	.87749

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.6	51548.	4330.8	107.23	3784.2
Stddev	4.5	114.	20.1	.18	4.2
%RSD	.19569	.22144	.46296	.17085	.11088

#1	2287.4	51467.	4345.0	107.10	3781.2
#2	2293.7	51629.	4316.6	107.36	3787.1

Sample Name: J5051-01DUP Acquired: 9/25/2018 16:59:36 Type: Unk
Method: P4-ICP2(v2455) 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	.00701	-.00046	.00184	-.00084	-.00285	-.01745	.02138	.00008
Stddev	.00073	.00026	.00039	.00010	.00067	.00329	.00107	.00009
%RSD	10.356	56.943	21.016	12.201	23.587	18.831	5.0189	119.31

#1	.00650	-.00027	.00156	-.00077	-.00333	-.01978	.02062	.00014
#2	.00753	-.00064	.00211	-.00092	-.00238	-.01513	.02214	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	59.675	-.00193	-.00012	.00192	-.01852	.00202	128.67
Stddev	.00003	.648	.00002	.00027	.00037	.00834	.00002	.74
%RSD	9.2622	1.0866	.86321	218.51	19.102	45.034	.98592	.57146

#1	-.00035	60.133	-.00192	.00007	.00166	-.01262	.00204	129.19
#2	-.00040	59.216	-.00194	-.00031	.00218	-.02442	.00201	128.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00227	.00003	1023.0	.00097	-.00170	42.498	.00098	.45398
Stddev	.00115	.00023	7.2	.00100	.00001	.404	.00022	.00676
%RSD	50.487	731.00	.70790	103.35	.42247	.94984	22.098	1.4892

#1	-.00146	.00020	1028.2	.00026	-.00170	42.784	.00113	.44920
#2	-.00308	-.00013	1017.9	.00167	-.00169	42.213	.00083	.45876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.75	.88514	-.03608	.00160	.14385	.0764	.82032	6.2754
Stddev	.30	.00631	.00057	.00201	.01284	.0008	.00922	.2177
%RSD	.28962	.71260	1.5885	125.18	8.9234	1.048	1.1238	3.4685

#1	102.54	.88960	-.03568	.00018	.13477	.0759	.82684	6.4293
#2	102.97	.88068	-.03649	.00302	.15292	.0770	.81380	6.1214

Sample Name: J5051-01DUP Acquired: 9/25/2018 16:59:36 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5132
Stddev .3061
%RSD 6.7816

#1 4.2968
#2 4.7297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.0	45882.	4200.2	101.79	2949.3
Stddev	3.8	75.	15.8	1.79	5.4
%RSD	.18125	.16441	.37720	1.7573	.18274

#1	2083.7	45936.	4189.0	100.52	2953.1
#2	2078.3	45829.	4211.4	103.05	2945.5

Sample Name: J5019-01DUP Acquired: 9/25/2018 17:03:42 Type: Unk
Method: P4-ICP2(v2455) 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	.00700	.00186	.00435	.00435	-.00346	-.06470	.02493	.00013
Stddev	.00135	.00183	.00066	.00638	.00247	.00550	.00034	.00008
%RSD	19.275	98.310	15.295	146.85	71.413	8.5040	1.3672	63.477
#1	.00795	.00315	.00482	.00886	-.00172	-.06081	.02469	.00018
#2	.00604	.00057	.00388	-.00017	-.00521	-.06859	.02517	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	103.80	-.00168	-.00054	.00204	-.00878	.02478	284.56
Stddev	.00006	.01	.00038	.00016	.00011	.00088	.00010	.55
%RSD	13.292	.01183	22.473	30.163	5.5294	9.9829	.39875	.19307
#1	-.00049	103.81	-.00195	-.00043	.00196	-.00816	.02485	284.95
#2	-.00041	103.79	-.00142	-.00066	.00212	-.00940	.02471	284.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00398	.00074	2003.0	.00051	-.00096	96.143	.00200	.97293
Stddev	.00009	.00028	32.2	.00024	.00000	.208	.00001	.01084
%RSD	2.2451	38.203	1.6088	47.141	.43230	.21636	.62413	1.1140
#1	-.00404	.00054	2025.8	.00068	-.00097	96.290	.00201	.98059
#2	-.00391	.00094	1980.2	.00034	-.00096	95.996	.00199	.96527
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	238.56	1.1093	-.08665	-.00066	.36449	.1250	1.7177	10.480
Stddev	.59	.0098	.00064	.00249	.00761	.0011	.0034	.107
%RSD	.24833	.88515	.73767	378.15	2.0875	.8858	.19741	1.0217
#1	238.14	1.1162	-.08710	.00110	.36987	.1242	1.7200	10.404
#2	238.98	1.1023	-.08619	-.00242	.35911	.1258	1.7153	10.555

Sample Name: J5019-01DUP Acquired: 9/25/2018 17:03:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.1288
Stddev .3646
%RSD 7.1089

#1 4.8710
#2 5.3866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.5	42467.	4068.0	97.891	2658.1
Stddev	6.8	193.	16.7	.756	8.9
%RSD	.34665	.45384	.40951	.77254	.33311

#1	1959.3	42331.	4056.3	98.426	2664.4
#2	1949.7	42603.	4079.8	97.356	2651.9

Sample Name: J5051-01MS Acquired: 9/25/2018 17:11:54 Type: Unk
Method: P4-ICP2(v2455) 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	1.0098	2.2720	1.1701	2.5736	.94919	2.5707	.24089	.25575	.24714
Stddev	.0020	.0032	.0006	.0084	.00071	.0260	.00142	.00047	.00024
%RSD	.19826	.14265	.05234	.32519	.07438	1.0120	.58743	.18570	.09913
#1	1.0084	2.2697	1.1705	2.5677	.94969	2.5523	.24189	.25609	.24696
#2	1.0112	2.2743	1.1696	2.5796	.94869	2.5891	.23989	.25542	.24731
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.634	.45056	.23252	.31612	3.4565	.23136	127.64	.57612	.09050
Stddev	.145	.00023	.00098	.00001	.0038	.00001	.41	.00166	.00006
%RSD	.24339	.05003	.42333	.00283	.11005	.00539	.32317	.28787	.06409
#1	59.736	.45040	.23321	.31613	3.4592	.23137	127.34	.57729	.09054
#2	59.531	.45072	.23182	.31611	3.4538	.23136	127.93	.57494	.09046
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	985.50	.35360	.22892	54.376	.44266	.77983	101.20	1.8468	.78209
Stddev	5.40	.00154	.00382	.199	.00104	.01395	.24	.0100	.00211
%RSD	.54820	.43555	1.6698	.36643	.23424	1.7889	.23532	.54060	.26975
#1	989.32	.35468	.23162	54.517	.44192	.76996	101.03	1.8539	.78358
#2	981.68	.35251	.22622	54.236	.44339	.78969	101.37	1.8398	.78060
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22988	2.2314	8.007	1.0355	7.0212	3.8679			
Stddev	.00068	.0036	.020	.0015	.0158	.2349			
%RSD	.29588	.16075	.2526	.14379	.22494	6.0721			
#1	.22940	2.2289	7.993	1.0365	7.0101	4.0340			
#2	.23036	2.2340	8.021	1.0344	7.0324	3.7018			

Sample Name: J5051-01MS Acquired: 9/25/2018 17:11:54 Type: Unk
Method: P4-ICP2(v2455) 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	2074.0	45814.	4214.1	99.735	2919.2
Stddev	3.3	131.	14.4	1.349	2.4
%RSD	.15919	.28565	.34160	1.3524	.08385
#1	2076.4	45722.	4203.9	98.781	2920.9
#2	2071.7	45907.	4224.3	100.69	2917.4

Sample Name: J5051-01MSD Acquired: 9/25/2018 17:15:49 Type: Unk
Method: P4-ICP2(v2455) 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	.99992	2.2686	1.1604	2.5683	.95158	2.5187	.23943	.25356	.24559
Stddev	.00037	.0082	.0008	.0033	.00491	.0056	.00063	.00044	.00017
%RSD	.03678	.36278	.07078	.12812	.51624	.22452	.26311	.17376	.06898
#1	1.0002	2.2628	1.1610	2.5660	.95505	2.5227	.23988	.25325	.24571
#2	.99966	2.2744	1.1598	2.5707	.94811	2.5147	.23899	.25387	.24547
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.516	.44913	.23061	.31513	3.4012	.22969	127.63	.57095	.08910
Stddev	.123	.00209	.00009	.00073	.0034	.00029	.26	.00043	.00037
%RSD	.20644	.46491	.04029	.23271	.09925	.12628	.20131	.07537	.41268
#1	59.603	.45061	.23068	.31461	3.3988	.22989	127.81	.57125	.08936
#2	59.430	.44765	.23054	.31565	3.4036	.22948	127.45	.57064	.08884
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	989.42	.34818	.22863	54.188	.44331	.77799	100.36	1.8623	.77697
Stddev	4.41	.00130	.00282	.054	.00050	.01421	.07	.0076	.00366
%RSD	.44533	.37218	1.2347	.09909	.11250	1.8266	.06638	.40889	.47125
#1	992.54	.34726	.23062	54.226	.44367	.76794	100.31	1.8677	.77438
#2	986.31	.34909	.22663	54.150	.44296	.78804	100.41	1.8569	.77956
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23086	2.2278	7.946	1.0352	6.6690	3.4826			
Stddev	.00083	.0049	.010	.0015	.1977	.7636			
%RSD	.36015	.22188	.1218	.14188	2.9651	21.927			
#1	.23027	2.2313	7.940	1.0342	6.8088	2.9426			
#2	.23145	2.2243	7.953	1.0363	6.5292	4.0225			

Sample Name: J5051-01MSD Acquired: 9/25/2018 17:15:49 Type: Unk
Method: P4-ICP2(v2455) 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	2079.2	45906.	4190.0	99.729	2929.9
Stddev	.7	9.	10.9	1.502	1.4
%RSD	.03278	.01868	.26070	1.5059	.04772
#1	2079.7	45912.	4182.3	98.667	2928.9
#2	2078.7	45900.	4197.8	100.79	2930.9

Sample Name: J5051-01A Acquired: 9/25/2018 17:19:45 Type: Unk
Method: P4-ICP2(v2455) 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	.98929	2.2466	1.1589	2.5281	.94598	2.5129	.23446	.25255	.24454
Stddev	.00046	.0123	.0020	.0068	.00070	.0132	.00462	.00027	.00035
%RSD	.04691	.54693	.17002	.27045	.07429	.52387	1.9698	.10496	.14418

#1	.98896	2.2379	1.1575	2.5233	.94548	2.5036	.23772	.25273	.24430
#2	.98962	2.2552	1.1603	2.5330	.94648	2.5223	.23119	.25236	.24479

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.520	.44311	.22992	.31065	3.3147	.22926	125.26	.56957	.08948
Stddev	1.210	.00077	.00051	.00007	.0461	.00083	3.06	.00040	.00023
%RSD	2.0679	.17433	.22337	.02194	1.3910	.36109	2.4443	.06956	.26104

#1	59.376	.44256	.23029	.31060	3.3473	.22985	127.42	.56985	.08931
#2	57.664	.44366	.22956	.31070	3.2821	.22868	123.10	.56929	.08964

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	975.97	.34829	.22216	53.214	.43927	.75782	100.25	1.8290	.77404
Stddev	18.66	.00125	.00347	1.081	.00192	.01506	.03	.0295	.00311
%RSD	1.9119	.35775	1.5635	2.0309	.43779	1.9876	.02896	1.6124	.40174

#1	989.16	.34741	.22462	53.978	.43791	.76847	100.23	1.8499	.77624
#2	962.78	.34917	.21971	52.450	.44062	.74716	100.27	1.8082	.77184

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22598	2.1540	7.886	1.0161	7.0409	3.9277
Stddev	.00426	.0362	.030	.0213	.2743	.4630
%RSD	1.8873	1.6807	.3785	2.0993	3.8959	11.789

#1	.22900	2.1796	7.907	1.0312	7.2349	4.2551
#2	.22297	2.1284	7.865	1.0010	6.8470	3.6003

Sample Name: J5051-01A Acquired: 9/25/2018 17:19:45 Type: Unk
Method: P4-ICP2(v2455) 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	2088.4	45853.	4251.5	102.31	2934.2
Stddev	9.3	62.	76.5	1.08	11.5
%RSD	.44461	.13578	1.7994	1.0530	.39295
#1	2095.0	45897.	4197.4	101.55	2942.4
#2	2081.8	45809.	4305.6	103.07	2926.1

Sample Name: J5019-01MS Acquired: 9/25/2018 17:23:41 Type: Unk
Method: P4-ICP2(v2455) 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	.99846	2.1848	1.1433	2.5028	.95599	2.5321	.23652	.26221	.24255
Stddev	.00678	.0056	.0040	.0106	.00426	.0185	.00056	.00153	.00018
%RSD	.67888	.25536	.34562	.42472	.44531	.73052	.23724	.58404	.07335

#1	.99367	2.1888	1.1405	2.4953	.95298	2.5451	.23691	.26329	.24268
#2	1.0033	2.1809	1.1460	2.5103	.95900	2.5190	.23612	.26112	.24243

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.48	.42823	.22795	.29646	3.2300	.24527	279.77	.55923	.09304
Stddev	.38	.00029	.00017	.00135	.0496	.00023	.45	.00162	.00074
%RSD	.37140	.06728	.07418	.45616	1.5362	.09483	.16176	.29036	.79225

#1	102.74	.42803	.22783	.29551	3.2650	.24544	280.09	.55808	.09356
#2	102.21	.42844	.22806	.29742	3.1949	.24511	279.45	.56038	.09252

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	1929.2	.33862	.21956	106.05	.42919	1.2627	232.96	2.0740	.72883
Stddev	22.4	.00149	.00518	.25	.00106	.0126	.34	.0224	.00007
%RSD	1.1617	.44076	2.3611	.23841	.24597	.99946	.14526	1.0807	.00956

#1	1945.0	.33967	.22323	106.23	.42844	1.2716	233.20	2.0581	.72878
#2	1913.3	.33756	.21590	105.87	.42993	1.2538	232.72	2.0898	.72888

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22583	2.4670	8.293	1.9021	10.662	4.7928
Stddev	.00111	.0126	.001	.0058	.504	.6264
%RSD	.49368	.50911	.0131	.30272	4.7299	13.070

#1	.22662	2.4581	8.294	1.9062	11.018	5.2358
#2	.22504	2.4759	8.292	1.8981	10.305	4.3499

Sample Name: J5019-01MS Acquired: 9/25/2018 17:23:41 Type: Unk
Method: P4-ICP2(v2455) 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	1971.8	42881.	4057.0	97.524	2655.2
Stddev	3.9	77.	4.1	2.311	.4
%RSD	.19657	.18029	.10005	2.3692	.01329
#1	1974.5	42826.	4054.1	95.890	2655.5
#2	1969.0	42935.	4059.9	99.158	2655.0

Sample Name: J5019-01MSD Acquired: 9/25/2018 17:27:36 Type: Unk
Method: P4-ICP2(v2455) 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	.99754	2.1833	1.1449	2.5165	.95400	2.5659	.23553	.26167	.24279
Stddev	.00365	.0023	.0000	.0023	.00567	.0295	.00029	.00069	.00050
%RSD	.36546	.10658	.00385	.09058	.59451	1.1499	.12328	.26343	.20533
#1	1.0001	2.1850	1.1448	2.5181	.95801	2.5867	.23532	.26215	.24244
#2	.99496	2.1817	1.1449	2.5149	.94999	2.5450	.23573	.26118	.24314
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.53	.43258	.22840	.29659	3.1974	.24488	279.04	.56029	.09221
Stddev	.42	.00198	.00058	.00051	.0600	.00044	.13	.00223	.00030
%RSD	.41023	.45665	.25609	.17035	1.8757	.17900	.04830	.39818	.32995
#1	101.23	.43118	.22882	.29623	3.2398	.24519	278.94	.55872	.09243
#2	101.82	.43398	.22799	.29695	3.1549	.24457	279.14	.56187	.09200
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	1879.3	.34130	.21701	104.91	.43058	1.2484	232.53	2.0368	.72505
Stddev	18.0	.00215	.00230	.51	.00262	.0113	.84	.0165	.00628
%RSD	.96018	.62850	1.0598	.48477	.60932	.90143	.35927	.80898	.86630
#1	1866.5	.34281	.21864	104.55	.42873	1.2404	233.12	2.0251	.72949
#2	1892.0	.33978	.21539	105.27	.43244	1.2563	231.94	2.0484	.72061
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22609	2.4407	8.293	1.8835	11.001	5.1106			
Stddev	.00027	.0124	.012	.0110	.033	.1611			
%RSD	.11942	.50798	.1401	.58134	.29747	3.1518			
#1	.22628	2.4319	8.301	1.8758	10.977	5.2245			
#2	.22590	2.4495	8.285	1.8913	11.024	4.9967			

Sample Name: J5019-01MSD Acquired: 9/25/2018 17:27:36 Type: Unk
Method: P4-ICP2(v2455) 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	1973.7	42973.	4102.5	99.008	2661.5
Stddev	.5	49.	29.6	1.144	2.3
%RSD	.02312	.11309	.72205	1.1560	.08798
#1	1974.1	42938.	4123.4	98.199	2659.9
#2	1973.4	43007.	4081.5	99.817	2663.2

Sample Name: J5019-01A Acquired: 9/25/2018 17:31:32 Type: Unk
Method: P4-ICP2(v2455) 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	.99600	2.1798	1.1462	2.5091	.95117	2.5435	.23927	.26181	.24302
Stddev	.00440	.0007	.0017	.0010	.00153	.0021	.00080	.00054	.00041
%RSD	.44185	.03354	.15168	.03934	.16103	.08065	.33244	.20520	.16686
#1	.99289	2.1803	1.1474	2.5098	.95225	2.5450	.23983	.26219	.24330
#2	.99911	2.1792	1.1450	2.5084	.95008	2.5421	.23871	.26143	.24273
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.67	.43127	.22769	.29726	3.2846	.24535	279.86	.56052	.09400
Stddev	.35	.00078	.00010	.00159	.1423	.00045	.05	.00050	.00025
%RSD	.34572	.18049	.04544	.53321	4.3324	.18347	.01824	.08958	.26980
#1	102.93	.43072	.22776	.29614	3.3853	.24503	279.90	.56017	.09418
#2	102.42	.43182	.22761	.29838	3.1840	.24566	279.83	.56088	.09382
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	1905.9	.34458	.22385	106.67	.42985	1.2632	232.12	2.0670	.73066
Stddev	34.3	.00156	.00690	.21	.00158	.0160	.23	.0139	.00211
%RSD	1.7985	.45239	3.0838	.19849	.36801	1.2708	.10104	.67253	.28875
#1	1930.2	.34348	.22873	106.82	.42873	1.2518	231.95	2.0768	.72917
#2	1881.7	.34568	.21897	106.52	.43097	1.2745	232.28	2.0571	.73216
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22408	2.4747	8.301	1.9063	10.705	4.9552			
Stddev	.00018	.0040	.017	.0052	.193	.6099			
%RSD	.07912	.16150	.1991	.27426	1.8022	12.307			
#1	.22396	2.4775	8.312	1.9100	10.841	5.3864			
#2	.22421	2.4718	8.289	1.9026	10.568	4.5239			

Sample Name: J5019-01A Acquired: 9/25/2018 17:31:32 Type: Unk
 Method: P4-ICP2(v2455) 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	1978.1	42824.	4046.8	96.344	2667.4
Stddev	8.4	132.	22.8	2.731	4.4
%RSD	.42409	.30929	.56240	2.8341	.16647
#1	1984.1	42730.	4030.7	94.413	2670.5
#2	1972.2	42917.	4062.9	98.274	2664.3

Sample Name: J5051-01LX5 Acquired: 9/25/2018 17:35:27 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00326	.00109	.00087	-.00170	.00044	.01034	.00501	.00001
Stddev	.00104	.00068	.00026	.00238	.00100	.02264	.00069	.00003
%RSD	31.969	61.827	29.853	139.97	227.30	219.06	13.757	208.88

#1	.00252	.00062	.00106	-.00339	.00115	.02635	.00550	-.00001
#2	.00399	.00157	.00069	-.00002	-.00027	-.00567	.00452	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	12.670	-.00128	-.00021	.00021	-.00534	.00035	26.062
Stddev	.00005	.040	.00029	.00015	.00031	.01359	.00005	.029
%RSD	83.834	.31945	22.745	70.238	148.84	254.32	13.237	.11217

#1	-.00002	12.641	-.00148	-.00011	.00043	-.01495	.00031	26.041
#2	-.00009	12.698	-.00107	-.00032	-.00001	.00427	.00038	26.083

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	.00006	199.42	.00035	-.00037	9.2106	.00107	.08973
Stddev	.00019	.00092	.98	.00050	.00006	.0547	.00025	.00668
%RSD	21.592	1547.4	.49225	142.80	17.419	.59395	23.101	7.4439

#1	-.00076	-.00059	198.72	-.00000	-.00041	9.2493	.00090	.08501
#2	-.00103	.00071	200.11	.00070	-.00032	9.1719	.00125	.09446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.449	.18108	-.00754	.00257	.07108	.0113	.17588	5.0747
Stddev	.032	.00207	.00026	.00028	.00300	.0006	.00054	.2228
%RSD	.16503	1.1415	3.5076	10.976	4.2200	4.948	.30731	4.3903

#1	19.472	.18254	-.00772	.00237	.07320	.0109	.17626	5.2323
#2	19.426	.17962	-.00735	.00277	.06896	.0117	.17549	4.9172

Sample Name: J5051-01LX5 Acquired: 9/25/2018 17:35:27 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1990
Stddev .6446
%RSD 29.313

#1 2.6548
#2 1.7432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.5	47036.	4154.6	102.13	3228.6
Stddev	3.3	236.	19.6	1.14	7.1
%RSD	.15568	.50215	.47168	1.1157	.21862

#1	2136.9	46869.	4168.5	102.93	3223.6
#2	2132.2	47203.	4140.8	101.32	3233.6

Sample Name: J5019-01LX5 Acquired: 9/25/2018 17:39:36 Type: Unk
Method: P4-ICP2(v2455) 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	.00508	.00141	.00029	.00259	.00021	-.00580	.00639	.00009
Stddev	.00333	.00146	.00072	.00232	.00037	.01510	.00047	.00007
%RSD	65.469	103.93	250.98	89.802	173.86	260.24	7.3030	81.569

#1	.00273	.00037	.00079	.00423	.00048	.00488	.00606	.00004
#2	.00743	.00244	-.00022	.00094	-.00005	-.01648	.00672	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	21.314	-.00068	-.00036	.00024	.01177	.00488	55.120
Stddev	.00005	.011	.00053	.00009	.00018	.00093	.00004	.422
%RSD	27.087	.05217	77.151	23.775	73.826	7.9092	.82193	.76508

#1	-.00021	21.306	-.00031	-.00043	.00037	.01243	.00485	54.821
#2	-.00014	21.322	-.00106	-.00030	.00012	.01111	.00491	55.418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	.00019	435.96	.00001	-.00169	18.418	.00031	.18263
Stddev	.00005	.00070	3.03	.00061	.00000	.023	.00019	.00469
%RSD	2.7524	359.91	.69527	4692.4	.22291	.12434	61.427	2.5660

#1	-.00165	-.00030	438.10	-.00042	-.00170	18.434	.00045	.18594
#2	-.00172	.00069	433.81	.00044	-.00169	18.402	.00018	.17931

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.512	.21703	-.01533	.00180	.10210	.0187	.34553	5.0521
Stddev	.043	.00543	.00026	.00126	.00452	.0003	.00082	1.0047
%RSD	.10077	2.5011	1.7042	69.913	4.4307	1.693	.23702	19.888

#1	42.542	.21319	-.01551	.00091	.10530	.0189	.34611	5.7625
#2	42.482	.22087	-.01514	.00270	.09890	.0184	.34495	4.3416

Sample Name: J5019-01LX5 Acquired: 9/25/2018 17:39:36 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0552
Stddev .1829
%RSD 5.9861

#1 3.1845
#2 2.9258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.1	46384.	4174.8	100.45	3073.8
Stddev	11.3	370.	10.7	1.70	7.5
%RSD	.53784	.79736	.25723	1.6917	.24489

#1	2089.1	46123.	4167.2	99.248	3068.5
#2	2105.1	46646.	4182.4	101.65	3079.1

Sample Name: CCV08 Acquired: 9/25/2018 17:43:43 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13880 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1189	5.1633	5.1391	5.2321	5.2925	10.826	9.9389	.25703
Stddev	.0083	.0140	.0076	.0231	.0169	.043	.0216	.00101
%RSD	.16108	.27178	.14777	.44199	.31838	.39466	.21743	.39454
#1	5.1130	5.1534	5.1445	5.2485	5.3045	10.856	9.9236	.25775
#2	5.1247	5.1732	5.1338	5.2158	5.2806	10.796	9.9541	.25632
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5762	25.673	1.0183	2.5619	1.2943	5.1292	2.5858	25.285
Stddev	.0009	.032	.0011	.0057	.0014	.1489	.0031	.029
%RSD	.03560	.12542	.10816	.22265	.10817	2.9030	.12056	.11494
#1	2.5756	25.650	1.0191	2.5579	1.2953	5.0239	2.5880	25.306
#2	2.5769	25.695	1.0175	2.5660	1.2933	5.2345	2.5836	25.264
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5564	1.2751	25.561	2.5813	2.4957	26.144	5.1661	5.1565
Stddev	.0057	.0007	.143	.0011	.0683	.056	.0033	.0012
%RSD	.22330	.05489	.55792	.04272	2.7358	.21257	.06346	.02295
#1	2.5524	1.2756	25.460	2.5821	2.4475	26.105	5.1684	5.1573
#2	2.5605	1.2746	25.662	2.5805	2.5440	26.183	5.1638	5.1556
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1379	4.8207	5.0459	5.2414	4.6828	5.241	5.2899	F 1.9080
Stddev	.0037	.0006	.0184	.0221	.0107	.001	.0137	.4596
%RSD	.07302	.01172	.36465	.42169	.22945	.0199	.25816	24.087
#1	5.1352	4.8203	5.0329	5.2570	4.6752	5.241	5.2802	2.2330
#2	5.1405	4.8211	5.0589	5.2258	4.6904	5.240	5.2995	1.5830

Sample Name: CCV08 Acquired: 9/25/2018 17:43:43 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13880 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4619
Stddev	.1027
%RSD	2.9660

#1	3.5345
#2	3.3893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.0	49741.	4295.2	104.83	3363.8
Stddev	2.9	250.	16.0	2.73	4.7
%RSD	.12894	.50248	.37210	2.6084	.13952

#1	2215.0	49564.	4283.9	106.77	3360.5
#2	2219.1	49918.	4306.5	102.90	3367.1

Sample Name: CCB08 Acquired: 9/25/2018 17:47:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13880 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	.00209	-.00260	-.00080	.00023	-.00170	.00126
Stddev	.00335	.00088	.00010	.00193	.00029	.00229	.00014
%RSD	100.78	42.196	4.0209	239.61	126.95	135.13	11.275

#1	.00096	.00147	-.00268	-.00217	.00002	-.00008	.00116
#2	.00569	.00271	-.00253	.00056	.00043	-.00332	.00137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	-.02173	-.00038	-.00001	-.00056	-.00113
Stddev	.00001	.00001	.00350	.00037	.00002	.00023	.00119
%RSD	41.432	82.898	16.090	96.746	183.18	40.611	105.03

#1	.00004	-.00002	-.01926	-.00012	-.00003	-.00040	-.00197
#2	.00002	-.00001	-.02420	-.00064	.00000	-.00072	-.00029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.05065	.00089	-.00008	.19234	-.00010	-.00204
Stddev	.00002	.02851	.00029	.00021	.03870	.00006	.00007
%RSD	14.233	56.281	32.573	261.33	20.120	64.511	3.5183

#1	-.00015	-.07081	.00110	-.00022	.16498	-.00005	-.00209
#2	-.00012	-.03049	.00069	.00007	.21970	-.00014	-.00199

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08490	.00056	-.01257	-.00435	-.00179	-.00082	.00245
Stddev	.03646	.00015	.00531	.00081	.00014	.00089	.00038
%RSD	42.943	27.296	42.226	18.656	7.6110	109.01	15.502

#1	.05912	.00067	-.00882	-.00378	-.00170	-.00145	.00218
#2	.11069	.00045	-.01632	-.00493	-.00189	-.00019	.00272

Sample Name: CCB08 Acquired: 9/25/2018 17:47:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13880 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.0021	.00012	F<.00000	F .61087
Stddev	.00503	.0003	.00002	.42518	.08339
%RSD	155.41	16.55	19.461	503.11	13.651

#1	-.00032	.0018	.00013	.21614	.55190
#2	.00680	.0023	.00010	-.38516	.66983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.7	51609.	4310.3	106.52	3773.3
Stddev	9.0	111.	9.0	.15	20.1
%RSD	.39396	.21427	.20961	.14333	.53357

#1	2286.3	51531.	4316.7	106.63	3759.1
#2	2299.1	51688.	4303.9	106.41	3787.6

Sample Name: J5017-07LX5 Acquired: 9/25/2018 17:51:32 Type: Unk
Method: P4-ICP2(v2455) 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	.03416	-.00295	.06695	-.01569	-.00052	53.589	.31280
Stddev	.00182	.00191	.00165	.00593	.00174	.234	.00062
%RSD	5.3181	64.690	2.4614	37.811	337.25	.43603	.19970

#1	.03288	-.00160	.06579	-.01149	-.00175	53.424	.31324
#2	.03544	-.00430	.06812	-.01988	.00072	53.754	.31236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	.00133	17.580	.11318	.04109	.07914	82.471
Stddev	.00015	.00004	.083	.00006	.00022	.00016	.701
%RSD	7.8735	3.2483	.47242	.05346	.54163	.20113	.85031

#1	.00206	.00130	17.639	.11322	.04125	.07903	82.967
#2	.00184	.00136	17.522	.11314	.04093	.07925	81.975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1140	16.438	.11189	.00121	.06827	.08732	.26636
Stddev	.0035	.067	.00111	.00013	.00542	.00037	.00337
%RSD	.16611	.41011	.99028	11.032	7.9329	.42289	1.2640

#1	2.1115	16.486	.11268	.00130	.06444	.08706	.26874
#2	2.1165	16.390	.11111	.00112	.07210	.08758	.26398

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2047	.00806	.05448	4.5216	.54043	.00417	.24318
Stddev	.0082	.00022	.01070	.0222	.00119	.00166	.00075
%RSD	.15739	2.7608	19.649	.49085	.22111	39.816	.30876

#1	5.2105	.00790	.06205	4.5373	.54127	.00534	.24265
#2	5.1989	.00822	.04691	4.5059	.53958	.00300	.24371

Sample Name: J5017-07LX5 Acquired: 9/25/2018 17:51:32 Type: Unk
 Method: P4-ICP2(v2455) 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	.64852	1.995	.09039	F<.00000	15.755
Stddev	.00618	.007	.00045	.04806	.442
%RSD	.95275	.3659	.49705	1.0327	2.8061

#1	.64415	2.000	.09008	-4.6197	16.068
#2	.65289	1.990	.09071	-4.6877	15.442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.1	52608.	4514.3	106.18	3492.5
Stddev	2.1	16.	38.2	1.31	10.9
%RSD	.08880	.03102	.84662	1.2328	.31193

#1	2362.6	52596.	4487.3	105.25	3484.8
#2	2359.6	52619.	4541.4	107.10	3500.2

Sample Name: J5017-08 Acquired: 9/25/2018 17:55:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5017-07MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84306	2.0776	1.3993	1.7449	.71589	252.46	1.5119
Stddev	.00292	.0106	.0042	.0008	.00008	1.74	.0082
%RSD	.34660	.50810	.30302	.04307	.01170	.69106	.54199

#1	.84512	2.0701	1.3963	1.7443	.71584	251.22	1.5177
#2	.84099	2.0851	1.4023	1.7454	.71595	253.69	1.5061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18899	.22919	75.406	.58546	.41315	.55715	408.88
Stddev	.00106	.00112	.379	.00104	.00140	.00164	4.11
%RSD	.56110	.48926	.50291	.17704	.33839	.29384	1.0048

#1	.18824	.22840	75.674	.58620	.41217	.55599	411.78
#2	.18974	.22999	75.138	.58473	.41414	.55831	405.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8387	71.720	.87882	.07642	3.4083	.64430	1.4081
Stddev	.0188	.074	.00191	.00058	.0322	.00268	.0162
%RSD	.21269	.10297	.21714	.75808	.94437	.41529	1.1521

#1	8.8254	71.772	.87748	.07683	3.4311	.64241	1.4196
#2	8.8520	71.668	.88017	.07601	3.3856	.64619	1.3967

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.447	.35360	.62056	24.001	2.8880	.73958	1.2367
Stddev	.130	.00076	.00120	.074	.0227	.00311	.0017
%RSD	.41406	.21570	.19325	.31027	.78581	.42060	.14102

#1	31.539	.35414	.62141	23.948	2.9040	.73738	1.2354
#2	31.355	.35306	.61971	24.053	2.8719	.74178	1.2379

Sample Name: J5017-08 Acquired: 9/25/2018 17:55:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5017-07MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.4929	16.39	.55964	F<.00000	24.138
Stddev	.0194	.03	.00348	.15116	.840
%RSD	.43135	.1803	.62160	.66712	3.4811
#1	4.4792	16.37	.56210	-22.766	24.733
#2	4.5066	16.41	.55718	-22.552	23.544
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.7	56667.	5235.0	102.70	3057.4
Stddev	3.2	90.	46.6	1.50	1.4
%RSD	.12441	.15817	.88932	1.4561	.04543
#1	2534.4	56731.	5202.1	101.64	3058.4
#2	2538.9	56604.	5267.9	103.76	3056.4

Sample Name: J5017-09 Acquired: 9/25/2018 17:59:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5017-07MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84058	2.0681	1.4004	1.7472	.71390	252.35	1.5205
Stddev	.00514	.0028	.0018	.0072	.00139	.46	.0042
%RSD	.61196	.13691	.13043	.41133	.19489	.18234	.27706

#1	.83694	2.0701	1.3991	1.7421	.71488	252.02	1.5235
#2	.84422	2.0661	1.4017	1.7523	.71291	252.67	1.5175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18919	.22870	75.691	.58533	.41180	.55664	409.27
Stddev	.00060	.00114	.016	.00335	.00079	.00091	4.78
%RSD	.31750	.50003	.02063	.57160	.19290	.16304	1.1684

#1	.18962	.22951	75.702	.58770	.41236	.55728	405.89
#2	.18877	.22789	75.680	.58296	.41124	.55600	412.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8211	72.395	.87719	.07618	3.3740	.64850	1.4065
Stddev	.0225	.039	.00065	.00005	.0084	.00283	.0213
%RSD	.25541	.05336	.07375	.06846	.24911	.43695	1.5175

#1	8.8052	72.422	.87765	.07614	3.3800	.65051	1.3914
#2	8.8370	72.368	.87673	.07621	3.3681	.64650	1.4216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.623	.35311	.62499	23.997	2.9260	.74067	1.2277
Stddev	.004	.00018	.00055	.008	.0401	.00046	.0027
%RSD	.01146	.05081	.08848	.03493	1.3708	.06244	.22407

#1	31.620	.35324	.62459	24.003	2.9544	.74100	1.2258
#2	31.625	.35299	.62538	23.991	2.8977	.74035	1.2297

Sample Name: J5017-09 Acquired: 9/25/2018 17:59:28 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5017-07MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.4811	16.38	.56401	F<.00000	23.561
Stddev	.0066	.01	.00300	.68041	.661
%RSD	.14784	.0916	.53184	2.7700	2.8044

#1	4.4764	16.39	.56613	-25.044	24.029
#2	4.4858	16.37	.56189	-24.082	23.094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.9	56679.	5220.3	102.81	3057.9
Stddev	15.2	30.	4.4	1.21	14.9
%RSD	.60100	.05210	.08514	1.1750	.48597

#1	2526.1	56700.	5217.2	103.66	3047.4
#2	2547.7	56658.	5223.4	101.95	3068.4

Sample Name: J5017-07A Acquired: 9/25/2018 18:03:26 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7485 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83320	2.0596	1.3954	1.7238	.72036	252.97	1.5170
Stddev	.00093	.0005	.0104	.0000	.00587	.33	.0151
%RSD	.11210	.02401	.74316	.00178	.81519	.13216	.99330

#1	.83254	2.0592	1.3881	1.7238	.71621	252.73	1.5277
#2	.83386	2.0599	1.4027	1.7238	.72451	253.20	1.5063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19020	.22963	76.130	.58188	.41104	.55824	400.75
Stddev	.00025	.00074	.867	.00131	.00031	.00105	.86
%RSD	.13245	.32333	1.1385	.22495	.07633	.18826	.21387

#1	.19002	.22911	76.743	.58096	.41127	.55749	401.35
#2	.19038	.23016	75.517	.58281	.41082	.55898	400.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8279	72.350	.87599	.07461	3.3364	.64537	1.3783
Stddev	.0215	.882	.00079	.00039	.0286	.00363	.0102
%RSD	.24326	1.2194	.09037	.52653	.85806	.56272	.73878

#1	8.8128	72.973	.87543	.07489	3.3567	.64281	1.3855
#2	8.8431	71.726	.87655	.07433	3.3162	.64794	1.3711

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.624	.35231	.60512	23.810	2.9111	.73838	1.2324
Stddev	.368	.00065	.00093	.109	.0125	.00285	.0078
%RSD	1.1637	.18397	.15360	.45623	.42808	.38621	.63292

#1	31.884	.35276	.60446	23.733	2.9199	.73637	1.2380
#2	31.364	.35185	.60578	23.887	2.9023	.74040	1.2269

Sample Name: J5017-07A Acquired: 9/25/2018 18:03:26 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7485 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.4765	16.27	.56256	F<.00000	22.969
Stddev	.0510	.02	.00422	.78949	.644
%RSD	1.1385	.1499	.74935	3.3664	2.8022

#1	4.5125	16.29	.56554	-22.894	22.514
#2	4.4404	16.25	.55958	-24.010	23.424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.9	56638.	5201.6	104.65	3057.5
Stddev	8.0	124.	75.4	.87	4.4
%RSD	.31677	.21848	1.4489	.82790	.14428

#1	2533.2	56550.	5148.3	104.04	3054.4
#2	2544.6	56725.	5254.9	105.26	3060.6

Sample Name: J5017-10 Acquired: 9/25/2018 18:07:24 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55235	-.23604	50.758	-.70979	1.2521	45.263	1.0684
Stddev	.00321	.00456	.133	.01452	.0029	.240	.0085
%RSD	.58147	1.9305	.26154	2.0461	.23095	.53107	.79575

#1	.55007	-.23926	50.664	-.72006	1.2541	45.093	1.0624
#2	.55462	-.23281	50.851	-.69952	1.2501	45.433	1.0744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03726	.26897	105.42	.59201	.31015	5.6676	F 2379.2
Stddev	.00028	.00377	.55	.00093	.00128	.0427	33.7
%RSD	.76133	1.4006	.52058	.15672	.41136	.75306	1.4152

#1	.03746	.27163	105.03	.59266	.30925	5.6978	2355.4
#2	.03706	.26630	105.81	.59135	.31105	5.6375	2403.0

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.322	11.558	1.4333	-.01425	2.0493	.39316	5.1858
Stddev	.030	.009	.0105	.00515	.0296	.00185	.0723
%RSD	.26461	.07354	.73336	36.122	1.4457	.47052	1.3941

#1	11.301	11.552	1.4259	-.01789	2.0284	.39446	5.1347
#2	11.344	11.564	1.4407	-.01061	2.0703	.39185	5.2369

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0172	.02805	2.3025	10.626	3.3461	2.4048	1.3934
Stddev	.0053	.00038	.0048	.044	.0007	.0011	.0022
%RSD	.10638	1.3459	.21007	.41087	.02211	.04625	.15823

#1	5.0135	.02778	2.2991	10.595	3.3466	2.4040	1.3950
#2	5.0210	.02832	2.3060	10.657	3.3456	2.4055	1.3919

Sample Name: J5017-10 Acquired: 9/25/2018 18:07:24 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RA-091918-NO Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.48002	39.49	.33642	F<.00000	^ *****
Stddev	.00313	.05	.00204	.88738	-----
%RSD	.65222	.1249	.60553	.53687	-----

#1	.48223	39.45	.33498	-164.66	^ -----
#2	.47780	39.52	.33786	-165.92	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.1	47145.	4416.8	100.49	2327.1
Stddev	12.4	10.	8.9	1.16	.7
%RSD	.62723	.02026	.20039	1.1592	.03203

#1	1967.3	47151.	4423.0	101.32	2326.6
#2	1984.9	47138.	4410.5	99.669	2327.6

Sample Name: J5044-01 Acquired: 9/25/2018 18:11:10 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID01-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12276	-.03386	.81487	-.06006	-.00304	200.88	1.5448
Stddev	.00310	.00106	.00090	.00120	.00095	.06	.0044
%RSD	2.5215	3.1385	.11022	2.0016	31.254	.03085	.28342

#1	.12495	-.03461	.81550	-.06091	-.00237	200.84	1.5417
#2	.12057	-.03311	.81423	-.05921	-.00371	200.93	1.5479

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01084	.01776	44.844	.19090	.24953	.37733	471.51
Stddev	.00044	.00037	.249	.00136	.00008	.00033	2.24
%RSD	4.0370	2.0757	.55509	.71093	.03341	.08861	.47603

#1	.01114	.01802	44.668	.19186	.24959	.37709	469.92
#2	.01053	.01750	45.020	.18994	.24947	.37757	473.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.991	53.411	.48127	.01786	2.2248	.30288	1.1845
Stddev	.009	.279	.00081	.00096	.0080	.00304	.0036
%RSD	.07356	.52158	.16804	5.3470	.35743	1.0043	.30766

#1	11.985	53.214	.48070	.01719	2.2192	.30073	1.1819
#2	11.997	53.608	.48184	.01854	2.2304	.30504	1.1871

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.474	.00203	.27884	1.9968	1.8873	.02974	1.3894
Stddev	.004	.00003	.00499	.0009	.0127	.00093	.0071
%RSD	.02451	1.6375	1.7898	.04330	.67134	3.1406	.51355

#1	16.471	.00201	.27531	1.9962	1.8784	.03040	1.3844
#2	16.477	.00205	.28236	1.9974	1.8963	.02908	1.3945

Sample Name: J5044-01 Acquired: 9/25/2018 18:11:10 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID01-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3755	10.54	.26888	F<.00000	26.426
Stddev	.0034	.03	.00025	.15840	.497
%RSD	.14186	.2807	.09346	.43581	1.8819
#1	2.3779	10.56	.26870	-36.457	26.777
#2	2.3731	10.52	.26906	-36.233	26.074
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.7	66269.	6030.5	104.68	3083.9
Stddev	1.8	30.	26.4	.21	6.6
%RSD	.05957	.04527	.43855	.20198	.21255
#1	2964.0	66290.	6049.2	104.83	3079.2
#2	2961.5	66248.	6011.8	104.53	3088.5

Sample Name: J5044-02 Acquired: 9/25/2018 18:15:13 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID02-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18043	-.03726	.70582	-.06455	-.00262	259.42	1.8013
Stddev	.00074	.00111	.00157	.00082	.00009	.11	.0077
%RSD	.40990	2.9686	.22274	1.2696	3.5607	.04404	.42764

#1	.17991	-.03647	.70693	-.06513	-.00268	259.34	1.7958
#2	.18095	-.03804	.70470	-.06397	-.00255	259.50	1.8067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01506	.02541	68.334	.24427	.30631	.54906	618.50
Stddev	.00003	.00085	.381	.00066	.00019	.00272	5.61
%RSD	.18711	3.3559	.55808	.26820	.06291	.49489	.90653

#1	.01508	.02601	68.064	.24474	.30645	.55098	614.54
#2	.01505	.02481	68.604	.24381	.30618	.54714	622.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.299	81.974	.66495	.02562	2.7341	.33907	1.8323
Stddev	.029	.594	.00363	.00078	.0313	.00156	.0123
%RSD	.18828	.72451	.54596	3.0395	1.1433	.45864	.67025

#1	15.279	81.554	.66238	.02507	2.7120	.34017	1.8236
#2	15.319	82.394	.66752	.02617	2.7562	.33797	1.8410

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.292	.00671	.38564	5.1016	1.8552	.07577	1.2228
Stddev	.071	.00020	.00474	.0210	.0127	.00038	.0068
%RSD	.34797	2.9163	1.2291	.41079	.68708	.50317	.55695

#1	20.242	.00657	.38229	5.0868	1.8462	.07604	1.2180
#2	20.341	.00684	.38899	5.1164	1.8642	.07550	1.2276

Sample Name: J5044-02 Acquired: 9/25/2018 18:15:13 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID02-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.7411	11.79	.40760	F<.00000	29.477
Stddev	.0050	.03	.00126	.67049	.704
%RSD	.13352	.2529	.30995	1.5115	2.3897

#1	3.7375	11.76	.40671	-43.885	29.975
#2	3.7446	11.81	.40850	-44.833	28.979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.2	65599.	6040.7	100.74	2951.6
Stddev	10.1	309.	4.6	.43	3.0
%RSD	.34822	.47161	.07613	.42771	.10002

#1	2900.1	65380.	6037.4	101.05	2949.6
#2	2914.4	65818.	6043.9	100.44	2953.7

Sample Name: J5044-03 Acquired: 9/25/2018 18:19:15 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID03-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13852	-.04155	.12522	-.06975	-.00481	242.26	1.5154
Stddev	.00060	.00183	.00377	.01026	.00013	2.22	.0095
%RSD	.43360	4.4000	3.0109	14.713	2.6822	.91524	.62572

#1	.13810	-.04026	.12256	-.06249	-.00472	240.69	1.5221
#2	.13895	-.04285	.12789	-.07700	-.00490	243.83	1.5087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01422	.02345	36.652	.24261	.32001	.46654	606.92
Stddev	.00022	.00054	.255	.00213	.00002	.00129	4.79
%RSD	1.5527	2.3196	.69574	.87759	.00593	.27560	.78886

#1	.01438	.02307	36.832	.24412	.31999	.46563	610.30
#2	.01407	.02384	36.471	.24111	.32002	.46745	603.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4992	73.156	.62019	.02570	1.8238	.32924	1.4348
Stddev	.0457	.236	.00166	.00055	.0034	.00177	.0251
%RSD	.48098	.32244	.26693	2.1281	.18795	.53800	1.7489

#1	9.4669	73.322	.61902	.02609	1.8262	.33049	1.4526
#2	9.5315	72.989	.62136	.02531	1.8214	.32799	1.4171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.438	.00239	.36884	1.2383	2.6853	.04003	1.2575
Stddev	.157	.00013	.00012	.0053	.0527	.00003	.0129
%RSD	.90045	5.4031	.03188	.42511	1.9628	.08151	1.0294

#1	17.549	.00230	.36892	1.2420	2.7226	.04006	1.2666
#2	17.327	.00248	.36876	1.2346	2.6481	.04001	1.2483

Sample Name: J5044-03 Acquired: 9/25/2018 18:19:15 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID03-COMP- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.1888	10.44	.25475	F<.00000	30.047
Stddev	.0045	.01	.00241	.65527	.087
%RSD	.14009	.1061	.94694	1.3964	.29012

#1	3.1920	10.45	.25646	-47.388	30.108
#2	3.1857	10.44	.25305	-46.461	29.985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.6	67659.	6143.0	103.14	3004.1
Stddev	5.6	154.	86.9	1.70	9.3
%RSD	.18487	.22788	1.4151	1.6456	.30921

#1	3000.6	67768.	6081.5	101.94	2997.5
#2	3008.5	67550.	6204.4	104.34	3010.6

Sample Name: J4281-03 Acquired: 9/25/2018 20:30:40 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DP-DRUM-3-OI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	-.00128	.01758	.00329	.00167	.04146	.12867	-.00015
Stddev	.00157	.00150	.00018	.00024	.00116	.00981	.00352	.00001
%RSD	105.42	117.12	1.0187	7.4044	69.546	23.665	2.7339	4.8069

#1	-.00038	-.00234	.01745	.00346	.00250	.03453	.12618	-.00015
#2	-.00260	-.00022	.01770	.00312	.00085	.04840	.13116	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	1.2084	.00107	.00012	.01090	.02970	.01107	.13722
Stddev	.00009	.0606	.00029	.00013	.00022	.00915	.00006	.02259
%RSD	19.358	5.0158	27.421	108.64	1.9752	30.804	.52043	16.459

#1	.00054	1.1656	.00086	.00020	.01105	.03617	.01111	.12125
#2	.00041	1.2513	.00128	.00003	.01075	.02323	.01103	.15319

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00043	238.33	.00055	.23767	.17581	.00063	.03905
Stddev	.00041	.00015	2.42	.00012	.00628	.00654	.00030	.00187
%RSD	68.423	35.337	1.0150	21.314	2.6404	3.7191	47.899	4.7884

#1	.00031	-.00033	236.62	.00047	.23324	.17119	.00084	.03773
#2	.00088	-.00054	240.04	.00063	.24211	.18044	.00042	.04037

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19000	.22623	.00121	.00269	-.01483	.0567	.00700	2.2461
Stddev	.00304	.00424	.00009	.00083	.00516	.0001	.00030	.0060
%RSD	1.5999	1.8763	7.4967	30.932	34.797	.1126	4.2255	.26579

#1	.18785	.22322	.00114	.00210	-.01848	.0567	.00679	2.2504
#2	.19215	.22923	.00127	.00327	-.01118	.0566	.00720	2.2419

Sample Name: J4281-03 Acquired: 9/25/2018 20:30:40 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DP-DRUM-3-OI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0622
 Stddev .0106
 %RSD .51529

#1 2.0697
 #2 2.0547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.7	48444.	4243.1	103.61	3320.6
Stddev	3.6	64.	66.4	2.27	1.1
%RSD	.17031	.13306	1.5646	2.1895	.03445

#1	2120.2	48398.	4290.0	105.22	3319.8
#2	2125.3	48489.	4196.1	102.01	3321.4

Sample Name: CCB12 Acquired: 9/25/2018 20:59:16 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	.00275	-.00239	-.00307	-.00235	.01065	.00140
Stddev	.00078	.00056	.00089	.00573	.00017	.00689	.00023
%RSD	39.394	20.360	37.017	186.41	7.1550	64.674	16.377
#1	.00254	.00236	-.00177	.00098	-.00223	.01551	.00124
#2	.00143	.00315	-.00302	-.00713	-.00247	.00578	.00156
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00006	-.01368	-.00009	.00003	-.00009	.00936
Stddev	.00004	.00014	.01476	.00039	.00001	.00062	.00835
%RSD	181.60	241.15	107.87	414.74	29.609	708.55	89.197
#1	.00005	-.00004	-.02412	-.00037	.00003	-.00053	.01526
#2	-.00001	.00015	-.00325	.00018	.00002	.00035	.00346
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.03079	.00014	-.00027	-.79137	.00019	-.00188
Stddev	.00003	.03027	.00017	.00005	.00281	.00096	.00003
%RSD	21.163	98.305	123.63	17.266	.35523	502.21	1.5992
#1	-.00014	-.00939	.00026	-.00024	-.78938	.00087	-.00186
#2	-.00018	-.05220	.00002	-.00031	-.79336	-.00049	-.00190
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07247	.00086	-.00017	-.00628	-.00146	-.00173	.00106
Stddev	.00479	.00041	.01059	.00102	.00112	.00001	.00035
%RSD	6.6051	47.607	6189.9	16.178	76.289	.49446	32.935
#1	-.07586	.00115	-.00766	-.00556	-.00067	-.00173	.00131
#2	-.06909	.00057	.00732	-.00699	-.00225	-.00172	.00081

Sample Name: CCB12 Acquired: 9/25/2018 20:59:16 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02797	.0007	.00003	F<.00000	F .74383
Stddev	.00330	.0009	.00006	.16163	.02367
%RSD	11.792	140.2	212.99	22.321	3.1822

#1	-.02564	.0013	-.00001	-.83841	.76056
#2	-.03030	.0000	.00007	-.60983	.72709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.8	50954.	4236.4	103.06	3716.3
Stddev	10.6	121.	.5	.10	11.9
%RSD	.47502	.23836	.01259	.09772	.31958

#1	2233.3	50868.	4236.0	102.99	3707.9
#2	2248.4	51040.	4236.7	103.13	3724.7

Sample Name: J5055-21 Acquired: 9/25/2018 21:36:35 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	-.00130	.00008	-.00028	-.00005	.01482	.04569	-.00007
Stddev	.00025	.00040	.00035	.00004	.00090	.01039	.00052	.00006
%RSD	8.4886	31.059	456.60	13.803	1699.0	70.120	1.1332	80.555

#1	-.00308	-.00159	-.00017	-.00026	.00059	.02217	.04533	-.00011
#2	-.00273	-.00102	.00032	-.00031	-.00069	.00747	.04606	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	8.5515	.00031	-.00005	.00038	.01179	.06436	.49055
Stddev	.00005	.0218	.00061	.00017	.00001	.01393	.00017	.03716
%RSD	30.852	.25526	192.56	351.08	1.5490	118.15	.26646	7.5744

#1	-.00012	8.5361	.00074	.00007	.00038	.00194	.06424	.46428
#2	-.00018	8.5669	-.00011	-.00017	.00037	.02164	.06448	.51682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00043	1.4360	.00027	.03559	.33376	.00046	.01466
Stddev	.00033	.00033	.0192	.00083	.00019	.01862	.00029	.00030
%RSD	56.054	76.914	1.3388	310.02	.54634	5.5775	62.790	2.0509

#1	.00036	-.00066	1.4224	-.00032	.03573	.32059	.00066	.01487
#2	.00083	-.00019	1.4495	.00085	.03545	.34692	.00025	.01445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3479	.92236	-.00023	.00206	-.01307	.0052	.04495	.18461
Stddev	.0011	.00414	.00002	.00214	.00002	.0017	.00015	.54233
%RSD	.08016	.44900	10.407	103.96	.12821	32.22	.33155	293.77

#1	1.3486	.91943	-.00022	.00054	-.01306	.0040	.04484	.56810
#2	1.3471	.92529	-.00025	.00357	-.01308	.0064	.04505	-.19887

Sample Name: J5055-21 Acquired: 9/25/2018 21:36:35 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4465
 Stddev .1506
 %RSD 10.411

#1 1.5530
 #2 1.3400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.1	50449.	4229.5	102.95	3653.6
Stddev	8.4	323.	3.9	.48	18.9
%RSD	.38505	.63944	.09172	.46156	.51661

#1	2170.1	50221.	4226.7	102.61	3640.2
#2	2182.0	50677.	4232.2	103.28	3666.9

Sample Name: J5044-04 Acquired: 9/25/2018 18:23:19 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID04-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15138	-.05006	.27696	-.07325	-.00065	255.83	1.4825
Stddev	.00086	.00152	.00041	.00305	.00203	.77	.0128
%RSD	.56754	3.0421	.14894	4.1592	311.35	.30048	.86467

#1	.15078	-.04898	.27666	-.07109	-.00209	256.37	1.4916
#2	.15199	-.05114	.27725	-.07540	.00079	255.29	1.4735

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01518	.02551	43.125	.25342	.30152	.46434	660.60
Stddev	.00017	.00020	.299	.00111	.00002	.00245	2.19
%RSD	1.1469	.80118	.69237	.43853	.00791	.52770	.33138

#1	.01531	.02536	43.336	.25263	.30151	.46261	659.05
#2	.01506	.02565	42.914	.25420	.30154	.46607	662.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9607	83.219	.61341	.02539	2.9435	.38402	1.4706
Stddev	.0474	.381	.00099	.00013	.0123	.00370	.0067
%RSD	.59565	.45824	.16115	.51937	.41776	.96310	.45280

#1	7.9942	83.489	.61410	.02549	2.9522	.38140	1.4658
#2	7.9272	82.949	.61271	.02530	2.9348	.38663	1.4753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.052	.00162	.40164	1.5311	3.8636	.03655	1.9728
Stddev	.102	.00030	.00976	.0063	.0291	.00069	.0076
%RSD	.50668	18.648	2.4298	.40807	.75444	1.9002	.38768

#1	20.124	.00183	.39474	1.5267	3.8430	.03605	1.9782
#2	19.980	.00140	.40854	1.5355	3.8842	.03704	1.9674

Sample Name: J5044-04 Acquired: 9/25/2018 18:23:19 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID04-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4232	12.93	.28186	F<.00000	30.537
Stddev	.0028	.02	.00293	1.3557	.704
%RSD	.08241	.1170	1.0396	2.7124	2.3064

#1	3.4252	12.92	.28393	-49.023	30.039
#2	3.4212	12.94	.27979	-50.941	31.035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.7	66492.	6022.0	102.10	2968.5
Stddev	2.1	405.	37.0	.36	12.3
%RSD	.07027	.60919	.61501	.35609	.41515

#1	2960.2	66205.	5995.8	102.36	2959.8
#2	2963.2	66778.	6048.2	101.85	2977.2

Sample Name: J5044-05 Acquired: 9/25/2018 18:27:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID05-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13225	-.05101	.05515	-.06823	-.00363	244.90	1.5481
Stddev	.00007	.00390	.00659	.00918	.00267	.25	.0012
%RSD	.04955	7.6490	11.947	13.452	73.608	.10101	.07923

#1	.13229	-.04825	.05981	-.07472	-.00174	245.08	1.5490
#2	.13220	-.05376	.05049	-.06174	-.00552	244.73	1.5472

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01535	.02676	40.581	.22814	.40915	.42868	649.10
Stddev	.00032	.00060	.011	.00023	.00111	.00327	8.97
%RSD	2.0722	2.2307	.02787	.10149	.27065	.76394	1.3817

#1	.01512	.02718	40.589	.22798	.40837	.43100	642.76
#2	.01557	.02634	40.573	.22830	.40993	.42637	655.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.897	78.964	.67253	.03052	1.5414	.34740	1.6721
Stddev	.024	.591	.00007	.00200	.0133	.00029	.0271
%RSD	.22454	.74835	.01003	6.5410	.86330	.08291	1.6214

#1	10.879	78.546	.67258	.02911	1.5320	.34760	1.6530
#2	10.914	79.382	.67249	.03193	1.5508	.34720	1.6913

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.615	.00015	.43843	1.3486	3.1252	.03136	2.1233
Stddev	.071	.00012	.01812	.0116	.0217	.00119	.0008
%RSD	.38321	77.944	4.1341	.85635	.69374	3.7862	.03844

#1	18.564	.00024	.42561	1.3404	3.1099	.03052	2.1227
#2	18.665	.00007	.45124	1.3568	3.1406	.03220	2.1239

Sample Name: J5044-05 Acquired: 9/25/2018 18:27:21 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID05-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.3366	14.06	.27546	F<.00000	30.479
Stddev	.0179	.05	.00059	.34240	.813
%RSD	.53596	.3617	.21248	.64204	2.6687

#1	3.3492	14.02	.27504	-53.573	29.904
#2	3.3239	14.10	.27587	-53.089	31.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.4	72345.	6550.8	101.48	2950.2
Stddev	6.9	43.	9.4	1.36	2.2
%RSD	.21526	.05967	.14301	1.3353	.07484

#1	3199.5	72314.	6557.4	102.43	2951.7
#2	3209.3	72375.	6544.2	100.52	2948.6

Sample Name: CCV09 Acquired: 9/25/2018 18:31:24 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1237	5.1698	5.1324	5.2251	5.2725	10.902	9.9715	.25700
Stddev	.0192	.0106	.0066	.0245	.0200	.063	.0637	.00005
%RSD	.37500	.20513	.12886	.46922	.37937	.57874	.63852	.01923
#1	5.1373	5.1773	5.1277	5.2425	5.2866	10.946	9.9265	.25696
#2	5.1101	5.1623	5.1371	5.2078	5.2583	10.857	10.017	.25703
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5757	25.691	1.0155	2.5639	1.2922	5.1756	2.5849	25.134
Stddev	.0039	.046	.0037	.0001	.0004	.0658	.0025	.224
%RSD	.15075	.18096	.36711	.00426	.02883	1.2712	.09549	.89117
#1	2.5730	25.658	1.0181	2.5640	1.2925	5.2221	2.5831	24.976
#2	2.5785	25.724	1.0129	2.5638	1.2920	5.1291	2.5866	25.293
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5614	1.2750	25.501	2.5860	2.5225	26.152	5.1735	5.1887
Stddev	.0024	.0025	.147	.0008	.0076	.261	.0114	.0359
%RSD	.09400	.19454	.57763	.02938	.29923	.99879	.22118	.69270
#1	2.5632	1.2768	25.397	2.5854	2.5172	25.967	5.1816	5.1633
#2	2.5597	1.2733	25.605	2.5865	2.5278	26.337	5.1654	5.2141
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1057	4.8610	5.0396	5.2259	4.6965	5.234	5.2999	F 3.0707
Stddev	.0082	.0536	.0125	.0085	.0214	.008	.0352	.2672
%RSD	.16092	1.1018	.24806	.16285	.45580	.1554	.66399	8.7006
#1	5.0999	4.8231	5.0308	5.2199	4.6814	5.240	5.2750	3.2596
#2	5.1115	4.8988	5.0485	5.2319	4.7117	5.229	5.3248	2.8818

Sample Name: CCV09 Acquired: 9/25/2018 18:31:24 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5245
Stddev	.4671
%RSD	13.252

#1	3.8548
#2	3.1942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2211.9	49508.	4268.3	103.31	3356.5
Stddev	6.3	67.	60.7	.04	7.3
%RSD	.28409	.13590	1.4217	.03656	.21653

#1	2207.4	49556.	4311.2	103.34	3351.3
#2	2216.3	49461.	4225.4	103.29	3361.6

Sample Name: CCB09 Acquired: 9/25/2018 18:35:09 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	.00182	-.00238	-.00113	-.00072	.01247	.00147
Stddev	.00078	.00016	.00141	.00225	.00023	.00917	.00006
%RSD	26.505	8.7610	59.475	199.39	31.734	73.488	4.4132

#1	.00240	.00171	-.00138	-.00272	-.00056	.00599	.00152
#2	.00350	.00193	-.00338	.00046	-.00089	.01895	.00142

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00004	.00128	-.00055	.00015	-.00017	.00949
Stddev	.00003	.00003	.00533	.00014	.00008	.00099	.03371
%RSD	40.141	73.421	417.12	24.929	55.026	581.96	355.31

#1	-.00008	-.00006	.00505	-.00065	.00009	-.00087	.03332
#2	-.00005	-.00002	-.00249	-.00046	.00021	.00053	-.01435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01520	.00041	-.00012	-.65766	.00033	-.00199
Stddev	.00012	.01658	.00063	.00027	.01550	.00013	.00007
%RSD	108.57	109.07	155.60	222.61	2.3571	39.194	3.6290

#1	-.00020	-.00348	-.00004	.00007	-.66862	.00024	-.00194
#2	-.00003	-.02692	.00085	-.00031	-.64670	.00042	-.00204

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04762	.00058	.00404	-.00329	-.00115	-.00092	.00089
Stddev	.01241	.00026	.00749	.00224	.00147	.00058	.00152
%RSD	26.067	44.325	185.19	68.030	127.99	63.810	171.98

#1	-.03884	.00076	-.00125	-.00171	-.00011	-.00050	.00196
#2	-.05640	.00040	.00934	-.00488	-.00219	-.00133	-.00019

Sample Name: CCB09 Acquired: 9/25/2018 18:35:09 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00950	-.0002	.00008	F<.00000	F .78079
Stddev	.00580	.0002	.00007	.42515	.28627
%RSD	61.007	88.07	83.612	125.42	36.664

#1	-.00540	-.0001	.00003	-.03836	.57836
#2	-.01360	-.0003	.00013	-.63962	.98321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.5	51322.	4263.0	104.73	3765.4
Stddev	8.0	103.	16.6	.88	8.8
%RSD	.34805	.20037	.38972	.84395	.23272

#1	2279.8	51249.	4251.3	104.11	3759.2
#2	2291.1	51395.	4274.8	105.36	3771.6

Sample Name: J5044-06 Acquired: 9/25/2018 18:39:13 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID06-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12688	-.04464	.11162	-.06315	-.00276	243.65	1.5605
Stddev	.00152	.00347	.00405	.00420	.00116	.85	.0193
%RSD	1.1950	7.7640	3.6287	6.6542	42.052	.34704	1.2336

#1	.12795	-.04219	.11448	-.06018	-.00358	243.06	1.5469
#2	.12581	-.04709	.10875	-.06612	-.00194	244.25	1.5741

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01445	.02027	44.164	.22931	.37804	.43348	632.33
Stddev	.00011	.00181	.591	.00023	.00020	.00328	12.02
%RSD	.73002	8.9295	1.3390	.10128	.05303	.75698	1.9010

#1	.01453	.02155	43.746	.22914	.37790	.43580	623.83
#2	.01438	.01899	44.582	.22947	.37818	.43116	640.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.310	74.641	.62504	.02686	.45152	.35405	1.4832
Stddev	.033	1.049	.00270	.00147	.01750	.00015	.0221
%RSD	.29154	1.4058	.43268	5.4590	3.8764	.04208	1.4874

#1	11.333	73.899	.62695	.02583	.43915	.35416	1.4676
#2	11.287	75.383	.62313	.02790	.46390	.35395	1.4988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.292	.00044	.42534	1.4560	4.8321	.03083	1.8880
Stddev	.244	.00034	.00729	.0054	.0042	.00035	.0203
%RSD	1.2044	77.136	1.7149	.36907	.08777	1.1271	1.0764

#1	20.119	.00020	.42018	1.4522	4.8291	.03108	1.8737
#2	20.465	.00067	.43050	1.4598	4.8351	.03059	1.9024

Sample Name: J5044-06 Acquired: 9/25/2018 18:39:13 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID06-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.4397	12.41	.30399	F<.00000	32.571
Stddev	.0209	.04	.00433	1.0893	.575
%RSD	.60767	.3267	1.4233	2.2226	1.7640

#1	3.4250	12.44	.30093	-48.238	32.977
#2	3.4545	12.38	.30704	-49.778	32.165

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.8	68568.	6154.5	99.559	2986.6
Stddev	2.4	264.	26.2	1.404	7.2
%RSD	.08008	.38538	.42572	1.4105	.23955

#1	3040.1	68381.	6173.0	100.55	2981.6
#2	3043.5	68755.	6136.0	98.566	2991.7

Sample Name: J5044-07 Acquired: 9/25/2018 18:43:16 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID07-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19441	-.04295	2.0272	-.06614	-.00168	281.07	1.8165
Stddev	.00148	.00157	.0021	.00264	.00059	1.92	.0034
%RSD	.76264	3.6589	.10501	3.9901	35.034	.68185	.18612

#1	.19546	-.04406	2.0287	-.06801	-.00210	279.72	1.8141
#2	.19337	-.04184	2.0257	-.06427	-.00127	282.43	1.8189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01833	.02785	115.94	.28267	.37999	.57050	653.43
Stddev	.00038	.00119	.02	.00098	.00123	.00639	7.32
%RSD	2.0642	4.2906	.01325	.34575	.32384	1.1204	1.1200

#1	.01860	.02869	115.95	.28336	.38086	.57502	648.26
#2	.01806	.02700	115.93	.28198	.37912	.56598	658.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6314	76.448	.60879	.02630	.87181	.41276	2.3056
Stddev	.0178	.152	.00221	.00004	.01213	.00147	.0185
%RSD	.20597	.19899	.36269	.16312	1.3918	.35702	.80172

#1	8.6188	76.555	.61035	.02627	.86323	.41171	2.2925
#2	8.6439	76.340	.60723	.02633	.88039	.41380	2.3187

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.628	.00381	.41171	5.3359	2.1367	.16522	1.6485
Stddev	.085	.00008	.00735	.0160	.0171	.00247	.0095
%RSD	.32986	2.0230	1.7862	.29930	.79839	1.4939	.57492

#1	25.569	.00375	.40651	5.3472	2.1488	.16348	1.6418
#2	25.688	.00386	.41691	5.3246	2.1247	.16697	1.6552

Sample Name: J5044-07 Acquired: 9/25/2018 18:43:16 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID07-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.8625	20.10	.39344	F<.00000	32.376
Stddev	.0005	.08	.00044	.81387	.032
%RSD	.01408	.4138	.11308	1.8120	.09953
#1	3.8621	20.16	.39375	-44.339	32.398
#2	3.8628	20.04	.39312	-45.490	32.353
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.3	64871.	5961.7	98.837	2883.0
Stddev	7.0	25.	22.7	.688	4.1
%RSD	.24297	.03819	.38147	.69652	.14150
#1	2868.3	64854.	5945.6	99.323	2880.1
#2	2878.2	64889.	5977.8	98.350	2885.9

Sample Name: J5044-08 Acquired: 9/25/2018 18:47:17 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID08-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14771	-.05764	.35175	-.07338	-.00099	270.16	1.7148
Stddev	.00401	.00171	.00867	.00363	.00087	.01	.0025
%RSD	2.7147	2.9752	2.4636	4.9480	88.598	.00404	.14722

#1	.14487	-.05885	.35788	-.07595	-.00160	270.16	1.7130
#2	.15054	-.05643	.34562	-.07081	-.00037	270.15	1.7165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01705	.03583	48.192	.23753	.36777	.41318	768.96
Stddev	.00009	.00187	.005	.00092	.00046	.00057	11.19
%RSD	.52172	5.2089	.00958	.38692	.12397	.13784	1.4555

#1	.01699	.03715	48.196	.23688	.36809	.41358	761.05
#2	.01712	.03451	48.189	.23818	.36745	.41278	776.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8184	85.655	.71359	.03576	.89254	.36764	4.0656
Stddev	.0070	.104	.00028	.00141	.00827	.00063	.0507
%RSD	.12058	.12090	.03980	3.9440	.92680	.17216	1.2475

#1	5.8134	85.582	.71379	.03476	.88669	.36809	4.0297
#2	5.8233	85.728	.71339	.03676	.89839	.36719	4.1015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.851	.00086	.54473	1.8035	2.4091	.04429	2.0125
Stddev	.090	.00001	.02970	.0112	.0088	.00149	.0076
%RSD	.37745	1.4811	5.4525	.61898	.36532	3.3543	.37911

#1	23.788	.00087	.52373	1.7956	2.4153	.04534	2.0071
#2	23.915	.00085	.56573	1.8114	2.4029	.04324	2.0179

Sample Name: J5044-08 Acquired: 9/25/2018 18:47:17 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID08-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.6386	12.34	.32578	F<.00000	32.703
Stddev	.0049	.02	.00119	.24863	.226
%RSD	.13426	.1505	.36627	.40102	.68966
#1	3.6352	12.35	.32494	-61.823	32.543
#2	3.6421	12.33	.32662	-62.175	32.862
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.9	72534.	6622.9	100.46	2890.0
Stddev	4.3	95.	3.1	1.15	13.1
%RSD	.13507	.13036	.04733	1.1411	.45419
#1	3203.8	72467.	6620.6	101.27	2880.7
#2	3209.9	72601.	6625.1	99.648	2899.3

Sample Name: J5044-09 Acquired: 9/25/2018 18:51:19 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GRID09-COMP- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14198	-.03952	.12840	-.07012	-.00105	236.89	1.5139
Stddev	.00171	.00399	.00334	.00048	.00383	.25	.0035
%RSD	1.2068	10.105	2.5993	.67781	365.41	.10387	.23091

#1	.14319	-.04235	.12604	-.07045	-.00376	237.07	1.5164
#2	.14077	-.03670	.13076	-.06978	.00166	236.72	1.5115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01427	.02368	34.975	.25130	.34307	.49105	643.49
Stddev	.00030	.00039	.071	.00024	.00041	.00084	1.13
%RSD	2.0767	1.6521	.20239	.09490	.12083	.17140	.17590

#1	.01406	.02340	35.025	.25113	.34336	.49045	644.29
#2	.01448	.02395	34.925	.25147	.34278	.49164	642.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6173	77.099	.66320	.02725	4.3987	.34704	1.5336
Stddev	.0005	.226	.00113	.00010	.0091	.00110	.0051
%RSD	.00530	.29363	.17063	.36788	.20658	.31706	.33182

#1	9.6177	77.259	.66240	.02732	4.4051	.34626	1.5372
#2	9.6169	76.939	.66400	.02718	4.3923	.34782	1.5300

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.327	.00294	.40677	1.6506	2.5155	.11228	1.3284
Stddev	.060	.00020	.00750	.0069	.0089	.00051	.0106
%RSD	.34647	6.8804	1.8438	.41611	.35273	.45137	.79768

#1	17.370	.00308	.41207	1.6555	2.5093	.11193	1.3359
#2	17.285	.00279	.40146	1.6458	2.5218	.11264	1.3209

Sample Name: J5044-09 Acquired: 9/25/2018 18:51:19 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GRID09-COMP- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.2189	11.51	.28865	F<.00000	33.914
Stddev	.0030	.05	.00058	.24232	.218
%RSD	.09259	.3944	.20090	.47337	.64313

#1	3.2210	11.54	.28906	-51.361	33.760
#2	3.2168	11.48	.28824	-51.018	34.068

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3015.4	68063.	6131.4	101.49	2990.2
Stddev	3.3	226.	29.7	.51	8.8
%RSD	.11106	.33201	.48466	.49799	.29267

#1	3013.0	67903.	6110.4	101.13	2984.0
#2	3017.8	68222.	6152.4	101.84	2996.4

Sample Name: J5046-01 Acquired: 9/25/2018 18:55:22 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07230	-.01064	1.2302	-.01764	.00150	50.551	.29874
Stddev	.00161	.00128	.0154	.00268	.00136	.171	.00391
%RSD	2.2232	12.030	1.2489	15.217	90.925	.33890	1.3087

#1	.07343	-.00974	1.2411	-.01954	.00247	50.672	.30150
#2	.07116	-.01155	1.2193	-.01574	.00054	50.430	.29597

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	.00502	8.0902	.17787	.03010	.19038	119.86
Stddev	.00001	.00011	.0805	.00138	.00023	.00279	1.47
%RSD	.44148	2.1714	.99571	.77677	.77046	1.4648	1.2231

#1	.00268	.00510	8.1471	.17689	.03026	.19235	120.89
#2	.00270	.00494	8.0332	.17885	.02994	.18841	118.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5913	5.5370	.05289	.00190	2.1371	.22228	.73719
Stddev	.0025	.0111	.00015	.00053	.0052	.00142	.01034
%RSD	.15516	.20114	.28393	27.608	.24150	.63844	1.4030

#1	1.5931	5.5291	.05300	.00227	2.1334	.22328	.74451
#2	1.5896	5.5449	.05279	.00153	2.1407	.22128	.72988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5682	.00327	.05938	1.1114	1.0124	.02091	.54909
Stddev	.0222	.00008	.00427	.0117	.0183	.00025	.00305
%RSD	.48557	2.5509	7.1844	1.0539	1.8067	1.1831	.55537

#1	4.5525	.00333	.05637	1.1196	1.0253	.02074	.55125
#2	4.5839	.00321	.06240	1.1031	.99947	.02109	.54694

Sample Name: J5046-01 Acquired: 9/25/2018 18:55:22 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35226	2.759	.04059	F<.00000	17.275
Stddev	.01457	.042	.00012	.30895	.139
%RSD	4.1361	1.505	.29885	3.7374	.80583

#1	.34195	2.788	.04068	-8.0481	17.176
#2	.36256	2.729	.04051	-8.4850	17.373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.8	53830.	4698.7	106.98	3494.1
Stddev	31.6	93.	61.3	1.53	53.7
%RSD	1.3382	.17229	1.3048	1.4291	1.5379

#1	2342.4	53764.	4655.4	105.90	3456.1
#2	2387.1	53896.	4742.1	108.06	3532.1

Sample Name: J4774-05 Acquired: 9/25/2018 18:59:18 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09375	-.06001	.52418	-.06118	-.00396	202.83	.60102
Stddev	.00015	.00055	.00420	.00296	.00182	.69	.00032
%RSD	.16366	.91203	.80212	4.8346	45.965	.34151	.05243

#1	.09364	-.05962	.52716	-.05909	-.00267	202.34	.60124
#2	.09386	-.06039	.52121	-.06327	-.00524	203.32	.60079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.01322	116.16	.19414	.18038	.58092	384.54
Stddev	.00017	.00030	.09	.00062	.00072	.00037	3.49
%RSD	2.6338	2.2474	.07710	.32058	.40015	.06362	.90657

#1	.00625	.01301	116.23	.19370	.18089	.58066	387.01
#2	.00648	.01343	116.10	.19458	.17987	.58118	382.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1986	71.369	.29717	.00872	14.925	.58040	.89522
Stddev	.0125	.142	.00065	.00087	.036	.00061	.00544
%RSD	.24096	.19834	.21814	9.9863	.24229	.10481	.60761

#1	5.1898	71.269	.29671	.00933	14.951	.57997	.89907
#2	5.2075	71.470	.29763	.00810	14.900	.58083	.89138

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.413	.00332	.30619	7.6026	4.9180	.02428	4.6074
Stddev	.058	.00009	.00608	.0333	.0141	.00244	.0111
%RSD	.55521	2.7014	1.9870	.43751	.28645	10.055	.24161

#1	10.372	.00326	.31049	7.6261	4.9080	.02601	4.5996
#2	10.454	.00339	.30189	7.5791	4.9280	.02255	4.6153

Sample Name: J4774-05 Acquired: 9/25/2018 18:59:18 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-03-092418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4905	8.664	.41012	F<.00000	27.730
Stddev	.0223	.017	.00081	.28529	.023
%RSD	1.4972	.1907	.19653	1.2639	.08220

#1	1.4747	8.676	.41069	-22.775	27.746
#2	1.5062	8.653	.40955	-22.371	27.714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.8	57142.	5236.0	100.83	3046.2
Stddev	4.1	55.	7.8	.78	8.3
%RSD	.16335	.09686	.14853	.77189	.27220

#1	2532.9	57181.	5241.5	100.28	3040.3
#2	2538.7	57103.	5230.5	101.38	3052.1

Sample Name: J4775-09 Acquired: 9/25/2018 19:03:15 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05511	-.05144	.19747	-.04335	-.00232	141.70	.60775
Stddev	.00226	.00053	.00290	.00953	.00035	.77	.00221
%RSD	4.1047	1.0327	1.4703	21.974	14.973	.54337	.36432

#1	.05671	-.05107	.19952	-.05009	-.00207	141.16	.60618
#2	.05351	-.05182	.19541	-.03662	-.00256	142.25	.60931

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	.00674	56.276	.17650	.13716	.39512	278.16
Stddev	.00004	.00072	.016	.00038	.00026	.00003	8.08
%RSD	.76518	10.741	.02889	.21707	.19254	.00730	2.9034

#1	.00581	.00725	56.264	.17623	.13698	.39510	272.45
#2	.00588	.00622	56.287	.17677	.13735	.39514	283.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9199	55.232	.25558	.00491	9.3094	.47499	.56882
Stddev	.0061	.371	.00016	.00086	.0265	.00139	.01436
%RSD	.15600	.67154	.06158	17.611	.28412	.29275	2.5246

#1	3.9156	54.969	.25547	.00430	9.2907	.47401	.55866
#2	3.9242	55.494	.25569	.00552	9.3281	.47598	.57897

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.112	.00233	.31968	10.927	3.1938	.00792	4.2754
Stddev	.032	.00053	.01333	.001	.0432	.00101	.0028
%RSD	.22745	22.681	4.1687	.00489	1.3533	12.764	.06642

#1	14.090	.00271	.31026	10.927	3.1632	.00720	4.2774
#2	14.135	.00196	.32910	10.928	3.2243	.00863	4.2734

Sample Name: J4775-09 Acquired: 9/25/2018 19:03:15 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2136	9.269	.14859	F<.00000	23.623
Stddev	.0222	.003	.00005	.14542	.270
%RSD	1.8314	.0282	.03381	.78357	1.1432

#1	1.2293	9.271	.14863	-18.455	23.814
#2	1.1979	9.268	.14856	-18.661	23.432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2603.0	58877.	5342.4	102.92	3182.9
Stddev	9.2	22.	15.0	2.29	7.9
%RSD	.35363	.03661	.28091	2.2299	.24743

#1	2609.5	58861.	5331.8	104.54	3177.4
#2	2596.5	58892.	5353.0	101.30	3188.5

Sample Name: J4775-11 Acquired: 9/25/2018 19:07:07 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05474	-.04373	.33452	-.04161	-.00277	153.36	.65636
Stddev	.00026	.00011	.00268	.00452	.00068	.51	.00167
%RSD	.48041	.25873	.79991	10.868	24.614	.32933	.25513

#1	.05493	-.04381	.33263	-.04480	-.00325	153.72	.65754
#2	.05456	-.04365	.33641	-.03841	-.00229	153.01	.65518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	.00888	53.409	.21459	.14029	.39305	276.46
Stddev	.00002	.00018	.159	.00308	.00015	.00562	.96
%RSD	.39060	1.9851	.29832	1.4359	.10795	1.4288	.34885

#1	.00599	.00875	53.297	.21241	.14039	.38908	277.14
#2	.00603	.00900	53.522	.21677	.14018	.39702	275.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8205	64.497	.26405	.00420	11.753	.39888	.62464
Stddev	.0083	.168	.00045	.00014	.001	.00093	.00188
%RSD	.21719	.26075	.17074	3.3131	.00888	.23426	.30041

#1	3.8147	64.378	.26437	.00430	11.754	.39954	.62596
#2	3.8264	64.616	.26374	.00411	11.752	.39822	.62331

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.245	.00151	.17909	9.0687	4.5235	.00981	3.8888
Stddev	.020	.00005	.00317	.0168	.0533	.00120	.0148
%RSD	.14197	3.4615	1.7711	.18492	1.1785	12.252	.38054

#1	14.231	.00155	.17684	9.0569	4.4858	.00896	3.8993
#2	14.260	.00147	.18133	9.0806	4.5612	.01066	3.8783

Sample Name: J4775-11 Acquired: 9/25/2018 19:07:07 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4292	9.609	.16884	F<.00000	23.208
Stddev	.0080	.017	.00100	.13069	.619
%RSD	.55781	.1812	.59186	.75313	2.6653

#1	1.4349	9.596	.16955	-17.260	22.771
#2	1.4236	9.621	.16813	-17.445	23.646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.0	56932.	5101.8	103.55	3169.0
Stddev	19.5	39.	.4	.37	2.4
%RSD	.77584	.06843	.00689	.35773	.07673

#1	2530.8	56960.	5102.1	103.29	3167.3
#2	2503.2	56905.	5101.6	103.82	3170.7

Sample Name: J4779-05 Acquired: 9/25/2018 19:11:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07952	-.06038	.51838	-.05184	-.00163	178.24	.77829
Stddev	.00201	.00194	.00235	.00262	.00351	.87	.00160
%RSD	2.5338	3.2200	.45265	5.0481	215.37	.48778	.20539

#1	.08094	-.06176	.51672	-.04999	.00085	177.63	.77942
#2	.07809	-.05901	.52004	-.05369	-.00411	178.86	.77716

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00856	.01359	57.163	.23342	.20330	.61823	413.90
Stddev	.00047	.00047	.197	.00486	.00015	.00042	3.67
%RSD	5.5176	3.4544	.34523	2.0821	.07198	.06819	.88713

#1	.00889	.01326	57.302	.23686	.20320	.61853	416.50
#2	.00822	.01392	57.023	.22998	.20341	.61793	411.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8915	64.013	.37566	.01102	7.5589	.50948	.90964
Stddev	.0113	.131	.00033	.00006	.0295	.00310	.00914
%RSD	.19199	.20510	.08661	.52380	.38972	.60761	1.0047

#1	5.8835	64.106	.37589	.01106	7.5797	.51167	.91611
#2	5.8995	63.920	.37543	.01098	7.5381	.50729	.90318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.875	.00196	.28173	2.9784	4.1330	.01642	4.3469
Stddev	.070	.00001	.00147	.0149	.0864	.00020	.0017
%RSD	.64024	.51095	.52026	.50166	2.0902	1.2016	.03817

#1	10.924	.00197	.28277	2.9890	4.1941	.01628	4.3457
#2	10.826	.00195	.28069	2.9678	4.0719	.01656	4.3480

Sample Name: J4779-05 Acquired: 9/25/2018 19:11:06 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.8504	7.963	.22949	F<.00000	27.140
Stddev	.0031	.009	.00057	.04903	1.734
%RSD	.16499	.1102	.24693	.16082	6.3905

#1	1.8483	7.957	.22989	-30.524	28.367
#2	1.8526	7.970	.22909	-30.454	25.914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.3	62015.	5693.5	103.94	3084.6
Stddev	3.2	104.	28.8	1.36	5.5
%RSD	.11554	.16812	.50586	1.3083	.17728

#1	2729.1	62089.	5673.2	102.98	3080.7
#2	2733.6	61941.	5713.9	104.90	3088.4

Sample Name: J4779-07 Acquired: 9/25/2018 19:15:05 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09967	-.07053	.05568	-.07155	-.00316	237.02	1.0244
Stddev	.00123	.00061	.00068	.00275	.00355	1.06	.0033
%RSD	1.2366	.86595	1.2225	3.8452	112.43	.44548	.31806

#1	.09880	-.07010	.05520	-.06960	-.00065	236.27	1.0267
#2	.10054	-.07096	.05616	-.07349	-.00567	237.77	1.0221

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01267	.02021	53.197	.29102	.27806	.63578	558.15
Stddev	.00016	.00015	.054	.00117	.00197	.00014	1.77
%RSD	1.2252	.75154	.10132	.40126	.70726	.02210	.31759

#1	.01278	.02031	53.235	.29019	.27945	.63588	556.89
#2	.01256	.02010	53.159	.29184	.27666	.63568	559.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1720	84.821	.55427	.01751	9.6892	.54614	1.0865
Stddev	.0257	.306	.00127	.00019	.0342	.00059	.0038
%RSD	.31434	.36095	.22884	1.0581	.35262	.10835	.34765

#1	8.1902	85.037	.55517	.01764	9.7134	.54656	1.0838
#2	8.1538	84.604	.55337	.01738	9.6651	.54572	1.0892

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.903	.00051	.45959	2.7249	4.8480	.01973	4.4396
Stddev	.009	.00007	.00793	.0175	.0913	.00071	.0134
%RSD	.05794	13.114	1.7253	.64307	1.8836	3.5829	.30080

#1	15.910	.00046	.46520	2.7373	4.9125	.01923	4.4490
#2	15.897	.00056	.45398	2.7125	4.7834	.02023	4.4301

Sample Name: J4779-07 Acquired: 9/25/2018 19:15:05 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.8752	11.64	.24643	F<.00000	29.990
Stddev	.0038	.03	.00011	.55349	.419
%RSD	.13302	.2409	.04489	1.3485	1.3965

#1	2.8779	11.66	.24636	-40.653	30.286
#2	2.8725	11.62	.24651	-41.436	29.694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.3	64480.	5914.2	102.50	2987.3
Stddev	4.0	52.	23.5	.12	13.7
%RSD	.13976	.07993	.39682	.11749	.45839

#1	2834.5	64516.	5897.6	102.59	2977.6
#2	2840.1	64443.	5930.8	102.42	2997.0

Sample Name: CCV10 Acquired: 9/25/2018 19:19:08 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13882 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1650	5.1748	5.1581	5.2531	5.3272	10.812	9.9770	.25941
Stddev	.0003	.0002	.0044	.0144	.0102	.072	.0157	.00084
%RSD	.00569	.00328	.08483	.27480	.19183	.67038	.15734	.32311
#1	5.1652	5.1749	5.1550	5.2633	5.3200	10.761	9.9881	.26000
#2	5.1648	5.1747	5.1612	5.2429	5.3345	10.864	9.9659	.25882
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5871	25.501	1.0241	2.5690	1.3030	5.1927	2.5954	25.014
Stddev	.0049	.037	.0034	.0041	.0010	.0479	.0017	.007
%RSD	.18957	.14652	.33177	.15951	.07808	.92286	.06506	.02703
#1	2.5836	25.527	1.0265	2.5661	1.3037	5.2266	2.5966	25.010
#2	2.5905	25.474	1.0217	2.5719	1.3023	5.1588	2.5942	25.019
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5680	1.2826	25.615	2.5909	2.5433	25.934	5.1936	5.1314
Stddev	.0049	.0008	.052	.0039	.0342	.019	.0010	.0324
%RSD	.19033	.06644	.20451	.15152	1.3438	.07321	.01960	.63093
#1	2.5645	1.2820	25.652	2.5937	2.5675	25.948	5.1929	5.1085
#2	2.5714	1.2832	25.578	2.5881	2.5192	25.921	5.1943	5.1543
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1231	4.8670	5.0562	5.2196	4.6654	5.253	5.3265	F 2.6768
Stddev	.0109	.0069	.0195	.0180	.0121	.015	.0127	.6751
%RSD	.21303	.14193	.38519	.34469	.25872	.2840	.23740	25.221
#1	5.1308	4.8719	5.0425	5.2323	4.6568	5.264	5.3355	3.1542
#2	5.1154	4.8621	5.0700	5.2069	4.6739	5.243	5.3176	2.1994

Sample Name: CCV10 Acquired: 9/25/2018 19:19:08 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13882 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8449
Stddev	.1702
%RSD	5.9821

#1	2.9653
#2	2.7246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.4	49126.	4264.5	101.86	3332.6
Stddev	2.7	181.	31.5	1.52	3.2
%RSD	.12204	.36846	.73819	1.4951	.09711

#1	2184.5	48998.	4242.2	100.79	3330.3
#2	2188.3	49254.	4286.8	102.94	3334.9

Sample Name: CCB10 Acquired: 9/25/2018 19:22:53 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13882 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	.00203	-.00196	-.00382	.00014	-.00039	.00165
Stddev	.00257	.00119	.00151	.00839	.00159	.00503	.00049
%RSD	56.884	58.471	77.339	219.35	1163.6	1296.7	29.829

#1	.00633	.00287	-.00302	-.00976	-.00099	-.00395	.00200
#2	.00270	.00119	-.00089	.00211	.00126	.00317	.00130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	-.01307	-.00005	.00022	.00025	.00938
Stddev	.00005	.00007	.01709	.00065	.00012	.00024	.00248
%RSD	80.323	499.24	130.79	1286.4	52.172	95.268	26.410

#1	.00002	.00006	-.00098	.00041	.00014	.00008	.01113
#2	.00009	-.00004	-.02516	-.00051	.00030	.00042	.00763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00443	.00070	-.00012	-.77265	-.00031	-.00203
Stddev	.00003	.01387	.00023	.00023	.00933	.00023	.00002
%RSD	22.689	313.32	32.959	188.80	1.2074	71.967	.98159

#1	-.00012	-.00538	.00086	-.00028	-.76605	-.00047	-.00202
#2	-.00017	.01423	.00054	.00004	-.77924	-.00015	-.00205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06024	.00070	.00330	-.00033	.00170	-.00105	.00059
Stddev	.02290	.00018	.00141	.00275	.00231	.00084	.00166
%RSD	38.015	26.012	42.558	844.23	135.74	80.304	280.78

#1	-.07644	.00083	.00430	.00162	.00334	-.00165	.00176
#2	-.04405	.00057	.00231	-.00227	.00007	-.00045	-.00058

Sample Name: CCB10 Acquired: 9/25/2018 19:22:53 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13882 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01552	.0030	.00004	F<.00000	F .53041
Stddev	.00307	.0002	.00002	.37936	.09911
%RSD	19.795	7.121	46.165	439.48	18.685

#1	-.01335	.0028	.00003	.18193	.60049
#2	-.01769	.0031	.00006	-.35457	.46033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.0	50938.	4214.9	104.56	3724.2
Stddev	6.8	222.	41.0	1.02	16.8
%RSD	.29939	.43642	.97227	.98009	.45063

#1	2256.3	50780.	4185.9	103.83	3712.4
#2	2265.8	51095.	4243.8	105.28	3736.1

Sample Name: J4779-09 Acquired: 9/25/2018 19:26:58 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-3A-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06639	-.10324	.69451	-.07321	-.00364	225.46	.96776
Stddev	.00264	.00144	.00263	.00630	.00110	.05	.00334
%RSD	3.9696	1.3948	.37877	8.6030	30.224	.02002	.34549

#1	.06826	-.10222	.69265	-.07766	-.00286	225.49	.97012
#2	.06453	-.10425	.69637	-.06876	-.00442	225.43	.96540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00999	.01870	50.869	.40193	.24530	.69663	513.62
Stddev	.00015	.00102	.066	.00258	.00037	.00058	5.89
%RSD	1.4802	5.4790	.12956	.64152	.15237	.08311	1.1470

#1	.01009	.01942	50.822	.40011	.24504	.69622	509.46
#2	.00988	.01797	50.915	.40375	.24557	.69704	517.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.364	57.523	.38455	.00943	7.0617	.90444	1.6137
Stddev	.018	.254	.00189	.00124	.0030	.00754	.0246
%RSD	.14563	.44092	.49064	13.193	.04295	.83360	1.5265

#1	12.377	57.344	.38322	.00855	7.0639	.90977	1.5963
#2	12.352	57.703	.38588	.01031	7.0596	.89911	1.6311

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7594	.00602	.31252	5.3551	3.3029	.09204	8.7313
Stddev	.0118	.00068	.01888	.0385	.0275	.00084	.0201
%RSD	.12145	11.288	6.0411	.71894	.83147	.91495	.23044

#1	9.7678	.00650	.29917	5.3279	3.2834	.09145	8.7456
#2	9.7510	.00554	.32587	5.3823	3.3223	.09264	8.7171

Sample Name: J4779-09 Acquired: 9/25/2018 19:26:58 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-3A-092418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6631	9.652	.29576	F<.00000	29.690
Stddev	.0017	.032	.00053	.54476	.155
%RSD	.10396	.3337	.18036	1.7069	.52145

#1	1.6643	9.630	.29614	-32.300	29.799
#2	1.6619	9.675	.29539	-31.530	29.580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.4	57835.	5315.7	103.17	3043.6
Stddev	6.4	31.	20.5	1.51	8.1
%RSD	.25033	.05325	.38543	1.4605	.26632

#1	2555.9	57813.	5330.2	104.24	3049.3
#2	2546.9	57856.	5301.2	102.11	3037.9

Sample Name: J5055-01 Acquired: 9/25/2018 19:31:00 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PIERS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07903	-.05823	.26970	-.04433	.00090	219.55	.84122	.00766
Stddev	.00430	.00332	.00146	.00182	.00360	.13	.00635	.00013
%RSD	5.4442	5.7094	.54250	4.1041	399.64	.05905	.75491	1.7430

#1	.07599	-.06058	.27074	-.04561	-.00165	219.46	.84572	.00776
#2	.08208	-.05588	.26867	-.04304	.00345	219.65	.83673	.00757

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09433	1479.1	.23423	.09471	.36371	243.92	4.0207	89.341
Stddev	.00059	3.6	.00120	.00044	.00179	2.11	.0016	.122
%RSD	.62172	.24390	.51345	.46950	.49185	.86412	.04070	.13678

#1	.09474	1481.7	.23338	.09440	.36497	242.43	4.0196	89.427
#2	.09391	1476.6	.23508	.09503	.36244	245.41	4.0219	89.254

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20753	.00044	4.6251	.34009	7.3146	16.972	.00565	.32910
Stddev	.00004	.00054	.0330	.00150	.0520	.131	.00073	.01016
%RSD	.02033	121.99	.71234	.44096	.71074	.76951	12.947	3.0867

#1	.20756	.00083	4.6484	.33903	7.2778	17.064	.00513	.32192
#2	.20750	.00006	4.6018	.34115	7.3514	16.880	.00617	.33628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.937	1.3326	-.00405	4.4386	2.2445	7.906	4.6856	41.862
Stddev	.156	.0022	.00015	.0134	.0120	.040	.0280	.035
%RSD	.26953	.16917	3.7638	.30168	.53558	.5070	.59675	.08403

#1	58.048	1.3342	-.00416	4.4481	2.2530	7.934	4.7053	41.837
#2	57.827	1.3310	-.00394	4.4291	2.2360	7.877	4.6658	41.887

Sample Name: J5055-01 Acquired: 9/25/2018 19:31:00 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PIERS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 33.616
 Stddev .209
 %RSD .62078

#1 33.764
 #2 33.469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.4	47995.	4699.5	91.760	2562.9
Stddev	4.9	122.	16.1	.694	2.4
%RSD	.22504	.25405	.34329	.75686	.09458

#1	2155.0	47908.	4688.1	92.251	2561.2
#2	2161.8	48081.	4710.9	91.269	2564.6

Sample Name: J5055-02 Acquired: 9/25/2018 19:35:03 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HAND-HOLE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07137	-.10453	.01346	-.05888	-.00302	170.99	1.2817	.00619
Stddev	.00239	.00228	.00376	.00312	.00157	.38	.0144	.00026
%RSD	3.3431	2.1795	27.900	5.2997	51.848	.22328	1.1244	4.2763

#1	.07305	-.10291	.01081	-.06108	-.00413	171.26	1.2919	.00638
#2	.06968	-.10614	.01612	-.05667	-.00191	170.72	1.2715	.00600

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01392	1540.8	.31160	.10145	.29568	266.39	2.5418	98.493
Stddev	.00062	17.6	.00314	.00035	.00219	7.45	.0074	.849
%RSD	4.4872	1.1453	1.0077	.34433	.73977	2.7977	.28970	.86167

#1	.01348	1553.3	.31382	.10121	.29414	271.66	2.5470	99.093
#2	.01437	1528.3	.30938	.10170	.29723	261.12	2.5366	97.893

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16538	-.00416	4.1728	.42849	1.4720	22.362	.01914	.32231
Stddev	.00055	.00085	.0340	.00248	.0427	.164	.00012	.01462
%RSD	.33536	20.433	.81381	.57917	2.9010	.73509	.63711	4.5376

#1	.16578	-.00356	4.1968	.43025	1.5022	22.478	.01923	.33265
#2	.16499	-.00476	4.1487	.42674	1.4418	22.246	.01905	.31196

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.964	.99476	-.01980	9.5931	1.7107	8.109	6.6617	41.987
Stddev	.344	.00073	.00044	.0580	.0175	.017	.0988	.959
%RSD	.45873	.07306	2.2043	.60517	1.0229	.2147	1.4824	2.2851

#1	75.207	.99425	-.01949	9.6341	1.6983	8.121	6.7315	42.665
#2	74.721	.99528	-.02011	9.5520	1.7231	8.096	6.5919	41.308

Sample Name: J5055-02 Acquired: 9/25/2018 19:35:03 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HAND-HOLE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 34.728
 Stddev 1.338
 %RSD 3.8526

#1 35.674
 #2 33.782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.0	47757.	4681.3	93.132	2567.9
Stddev	6.7	268.	54.0	2.783	9.2
%RSD	.31708	.56132	1.1545	2.9879	.35723

#1	2122.2	47567.	4643.0	91.164	2561.4
#2	2131.7	47946.	4719.5	95.099	2574.4

Sample Name: J5055-03 Acquired: 9/25/2018 19:39:08 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MAN-HOLE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06871	-.06479	.09428	-.03566	-.00053	203.91	.71048	.00686
Stddev	.00129	.00677	.00389	.00268	.00052	.43	.00607	.00025
%RSD	1.8823	10.447	4.1291	7.5020	97.919	.21306	.85389	3.6186

#1	.06962	-.06958	.09703	-.03377	-.00016	203.61	.70619	.00669
#2	.06779	-.06000	.09152	-.03755	-.00089	204.22	.71477	.00704

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00897	1965.1	.20717	.05421	.16996	168.50	4.1181	99.263
Stddev	.00038	9.4	.00086	.00054	.00107	3.53	.0079	.862
%RSD	4.2521	.47873	.41690	1.0046	.62753	2.0970	.19255	.86867

#1	.00924	1958.4	.20656	.05459	.16921	166.00	4.1125	98.654
#2	.00870	1971.7	.20778	.05382	.17071	171.00	4.1237	99.873

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15549	-.00196	2.7573	.20971	.39267	5.6510	.00723	.38661
Stddev	.00177	.00141	.0598	.00187	.00887	.0187	.00008	.00055
%RSD	1.1390	71.861	2.1698	.88983	2.2577	.33008	1.1525	.14335

#1	.15423	-.00295	2.7150	.20839	.38640	5.6378	.00729	.38700
#2	.15674	-.00096	2.7996	.21103	.39893	5.6642	.00717	.38621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.562	1.0891	-.02396	5.9614	1.6036	6.029	6.7999	69.282
Stddev	.024	.0080	.00107	.0415	.0127	.000	.0300	1.720
%RSD	.02510	.73187	4.4839	.69694	.78903	.0002	.44089	2.4829

#1	95.545	1.0834	-.02320	5.9320	1.5947	6.029	6.7787	68.066
#2	95.579	1.0947	-.02472	5.9908	1.6126	6.029	6.8211	70.498

Sample Name: J5055-03 Acquired: 9/25/2018 19:39:08 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MAN-HOLE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 33.476
Stddev .403
%RSD 1.2027

#1 33.761
#2 33.191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.7	46184.	4607.0	89.848	2492.3
Stddev	6.2	40.	34.2	1.621	5.4
%RSD	.29812	.08571	.74248	1.8043	.21519

#1	2069.3	46212.	4631.2	90.995	2488.5
#2	2078.1	46156.	4582.8	88.702	2496.1

Sample Name: J5055-04 Acquired: 9/25/2018 19:43:20 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04959	-.06292	.00830	-.05158	-.00340	154.66	.57255
Stddev	.00193	.00106	.00238	.00041	.00099	.00	.00446
%RSD	3.8890	1.6859	28.660	.78818	29.214	.00080	.77833

#1	.05096	-.06217	.00998	-.05129	-.00270	154.66	.57570
#2	.04823	-.06367	.00662	-.05187	-.00411	154.66	.56939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	.00909	75.731	.22618	.15475	.48686	319.73
Stddev	.00017	.00091	.175	.00094	.00107	.00306	5.03
%RSD	3.2199	9.9968	.23163	.41708	.69212	.62824	1.5745

#1	.00506	.00974	75.855	.22551	.15551	.48902	316.17
#2	.00530	.00845	75.607	.22685	.15399	.48469	323.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3547	66.339	.26240	.00491	3.8437	.47289	.57115
Stddev	.0098	.487	.00248	.00128	.0155	.00355	.00786
%RSD	.22435	.73377	.94676	26.131	.40303	.75063	1.3769

#1	4.3478	66.683	.26416	.00400	3.8546	.47038	.56559
#2	4.3616	65.994	.26065	.00582	3.8327	.47540	.57671

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.141	.00445	.49781	3.9264	6.1153	.00503	5.2671
Stddev	.067	.00016	.01285	.0142	.0073	.00073	.0107
%RSD	.44062	3.5409	2.5804	.36059	.11905	14.479	.20361

#1	15.188	.00434	.50690	3.9364	6.1205	.00554	5.2595
#2	15.094	.00456	.48873	3.9164	6.1102	.00451	5.2747

Sample Name: J5055-04 Acquired: 9/25/2018 19:43:20 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3635	8.181	.19499	F<.00000	25.723
Stddev	.0060	.025	.00139	.78414	.392
%RSD	.43669	.2990	.71113	3.8992	1.5230

#1	1.3593	8.199	.19597	-19.556	26.000
#2	1.3678	8.164	.19401	-20.665	25.446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.3	56903.	5183.2	102.13	3108.9
Stddev	12.2	11.	12.7	1.33	15.6
%RSD	.48563	.02001	.24431	1.2978	.50274

#1	2495.7	56894.	5174.2	103.07	3097.9
#2	2512.9	56911.	5192.1	101.19	3120.0

Sample Name: J5055-08 Acquired: 9/25/2018 19:47:19 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04860	-.03644	.01395	-.03778	-.00159	116.60	.78224
Stddev	.00270	.00070	.00416	.00165	.00006	.23	.00798
%RSD	5.5578	1.9296	29.841	4.3730	3.7880	.19665	1.0207

#1	.05051	-.03694	.01101	-.03661	-.00163	116.44	.78788
#2	.04669	-.03594	.01690	-.03895	-.00154	116.77	.77659

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	.00496	25.854	.18724	.10668	.26109	247.54
Stddev	.00009	.00029	.241	.00100	.00006	.00232	5.79
%RSD	1.6999	5.9219	.93141	.53308	.05878	.88752	2.3380

#1	.00525	.00475	26.024	.18654	.10673	.25945	251.64
#2	.00513	.00517	25.684	.18795	.10664	.26273	243.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1322	39.934	.19038	.00346	.75782	.32644	.52006
Stddev	.0001	.503	.00064	.00067	.00579	.00078	.01226
%RSD	.00252	1.2595	.33488	19.414	.76448	.23933	2.3580

#1	4.1321	40.289	.18993	.00394	.76191	.32589	.52874
#2	4.1322	39.578	.19083	.00299	.75372	.32700	.51139

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9810	.00135	.12433	.80276	6.1803	.00869	3.1572
Stddev	.1109	.00001	.01488	.00319	.0578	.00022	.0132
%RSD	1.2343	.71847	11.969	.39795	.93465	2.5847	.41681

#1	9.0594	.00135	.13486	.80050	6.2211	.00885	3.1479
#2	8.9026	.00134	.11381	.80502	6.1395	.00854	3.1665

Sample Name: J5055-08 Acquired: 9/25/2018 19:47:19 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2131	6.128	.10141	F<.00000	22.800
Stddev	.0297	.000	.00009	.10567	.629
%RSD	2.4520	.0006	.08885	.63823	2.7581

#1	1.2342	6.127	.10135	-16.482	23.245
#2	1.1921	6.128	.10147	-16.632	22.355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.2	57715.	5154.7	104.65	3275.8
Stddev	7.1	4.	59.4	2.70	4.0
%RSD	.27631	.00708	1.1526	2.5814	.12058

#1	2557.2	57717.	5112.7	102.74	3273.0
#2	2547.2	57712.	5196.8	106.56	3278.6

Sample Name: J5055-12 Acquired: 9/25/2018 19:51:15 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02401	-.11111	-.03800	-.03354	-.00154	96.796	.35300
Stddev	.00054	.00177	.00325	.00038	.00058	.485	.00194
%RSD	2.2595	1.5932	8.5636	1.1321	37.672	.50098	.54833

#1	.02440	-.10986	-.03569	-.03327	-.00113	96.453	.35164
#2	.02363	-.11236	-.04030	-.03381	-.00195	97.139	.35437

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	.00649	39.232	.59013	.17235	.71037	238.16
Stddev	.00012	.00000	.222	.00302	.00064	.00141	4.26
%RSD	3.3499	.02535	.56558	.51114	.37017	.19902	1.7871

#1	.00364	.00649	39.075	.58800	.17190	.70937	235.15
#2	.00347	.00648	39.389	.59227	.17280	.71137	241.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4954	89.856	.39796	-.00191	1.1459	.34050	.31036
Stddev	.0045	.744	.00140	.00032	.0181	.00014	.00660
%RSD	.30323	.82770	.35218	16.927	1.5756	.04233	2.1254

#1	1.4922	89.330	.39697	-.00214	1.1332	.34040	.30569
#2	1.4986	90.382	.39895	-.00168	1.1587	.34060	.31502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.259	.02748	.11403	25.920	3.5438	-.01037	11.274
Stddev	.124	.00007	.01693	.053	.0010	.00115	.034
%RSD	.21657	.26261	14.849	.20629	.02770	11.116	.29910

#1	57.171	.02753	.10206	25.958	3.5445	-.00956	11.250
#2	57.347	.02743	.12600	25.882	3.5431	-.01119	11.297

Sample Name: J5055-12 Acquired: 9/25/2018 19:51:15 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3360	7.484	.06381	F<.00000	17.846
Stddev	.0029	.047	.00006	.76077	.384
%RSD	.21327	.6311	.09666	4.2415	2.1517

#1	1.3381	7.451	.06377	-18.474	17.574
#2	1.3340	7.517	.06386	-17.398	18.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.6	58954.	5245.4	104.39	3140.2
Stddev	.1	95.	15.4	1.74	4.5
%RSD	.00353	.16085	.29421	1.6702	.14362

#1	2572.6	59021.	5256.4	105.62	3137.0
#2	2572.5	58887.	5234.5	103.16	3143.4

Sample Name: J5055-16 Acquired: 9/25/2018 19:55:08 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04099	-.11210	-.00640	-.03357	-.00358	110.92	.45280
Stddev	.00138	.00069	.00326	.00032	.00123	.08	.00003
%RSD	3.3599	.61259	51.032	.94824	34.402	.07365	.00622

#1	.04001	-.11162	-.00871	-.03379	-.00271	110.86	.45282
#2	.04196	-.11259	-.00409	-.03334	-.00445	110.98	.45278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	.00792	55.685	.76439	.17477	.49557	284.31
Stddev	.00006	.00038	.132	.00139	.00064	.00217	.58
%RSD	1.4051	4.8030	.23750	.18225	.36769	.43840	.20570

#1	.00402	.00819	55.779	.76340	.17432	.49403	284.72
#2	.00394	.00765	55.592	.76537	.17523	.49711	283.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8694	94.919	.40050	.00231	1.0669	.38645	.43947
Stddev	.0041	.042	.00060	.00007	.0105	.00244	.00044
%RSD	.22167	.04445	.14946	2.8650	.98362	.63114	.10028

#1	1.8664	94.889	.40093	.00236	1.0595	.38473	.43979
#2	1.8723	94.949	.40008	.00226	1.0743	.38818	.43916

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.242	.02756	.16760	16.099	4.1666	-.00440	10.454
Stddev	.327	.00002	.00344	.017	.0066	.00091	.034
%RSD	.56118	.08095	2.0498	.10303	.15929	20.666	.32159

#1	58.473	.02754	.17003	16.111	4.1713	-.00505	10.478
#2	58.011	.02758	.16518	16.087	4.1619	-.00376	10.430

Sample Name: J5055-16 Acquired: 9/25/2018 19:55:08 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.5169	9.635	.10002	F<.00000	19.668
Stddev	.0058	.021	.00023	.39845	.807
%RSD	.38017	.2199	.22915	1.6974	4.1050
#1	1.5129	9.620	.10018	-23.193	19.097
#2	1.5210	9.650	.09986	-23.756	20.239
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.9	63140.	5634.2	100.43	3070.4
Stddev	4.7	51.	31.1	.62	10.2
%RSD	.17127	.08126	.55259	.62182	.33297
#1	2731.6	63176.	5612.1	99.993	3063.1
#2	2738.2	63104.	5656.2	100.88	3077.6

Sample Name: J5064-01 Acquired: 9/25/2018 19:59:00 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04920	-.11554	.08315	-.04806	-.00110	210.57	.61390	.00520
Stddev	.00571	.00086	.00666	.00078	.00314	1.27	.00073	.00014
%RSD	11.605	.74107	8.0052	1.6214	286.74	.60317	.11874	2.7331

#1	.05323	-.11494	.08785	-.04751	-.00332	211.46	.61338	.00510
#2	.04516	-.11615	.07844	-.04861	.00113	209.67	.61441	.00530

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01690	1740.6	.62876	.11312	.59038	261.02	4.7616	147.33
Stddev	.00097	11.2	.00469	.00018	.00230	5.03	.0045	.61
%RSD	5.7366	.64114	.74653	.15501	.39011	1.9264	.09465	.41701

#1	.01759	1732.7	.63208	.11324	.59201	257.47	4.7648	146.90
#2	.01621	1748.5	.62544	.11299	.58875	264.58	4.7585	147.76

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37169	-.00095	9.1620	.57427	5.1822	13.205	.01655	.45767
Stddev	.00106	.00065	.0107	.00611	.1228	.008	.00073	.00556
%RSD	.28417	68.481	.11696	1.0633	2.3691	.06253	4.3939	1.2152

#1	.37094	-.00141	9.1545	.57858	5.0954	13.211	.01707	.46161
#2	.37244	-.00049	9.1696	.56995	5.2690	13.199	.01604	.45374

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.385	1.3673	-.00208	10.664	1.8103	5.701	7.7352	55.292
Stddev	.067	.0119	.00073	.021	.0109	.016	.1083	.914
%RSD	.08003	.87120	34.924	.19676	.59947	.2841	1.3997	1.6533

#1	83.432	1.3589	-.00157	10.678	1.8026	5.713	7.6587	54.645
#2	83.338	1.3757	-.00259	10.649	1.8179	5.690	7.8118	55.938

Sample Name: J5064-01 Acquired: 9/25/2018 19:59:00 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 34.872
 Stddev .389
 %RSD 1.1145

#1 35.147
 #2 34.598

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.6	46841.	4633.2	91.826	2500.0
Stddev	6.0	10.	43.6	2.098	7.5
%RSD	.28801	.02172	.94007	2.2846	.29835

#1	2083.4	46834.	4664.0	93.309	2494.7
#2	2091.9	46848.	4602.4	90.342	2505.3

Sample Name: J5069-01 Acquired: 9/25/2018 20:03:11 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE-BOX-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25389	-.06478	10.266	-.04176	.00080	150.42	3.6176
Stddev	.00001	.00339	.068	.00329	.00222	.25	.0045
%RSD	.00530	5.2360	.66261	7.8858	277.91	.16489	.12536

#1	.25390	-.06238	10.218	-.03943	-.00077	150.60	3.6143
#2	.25389	-.06718	10.314	-.04409	.00237	150.24	3.6208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01012	.03241	129.85	.47541	.16809	2.2462	424.17
Stddev	.00000	.00009	.09	.00271	.00031	.0098	3.09
%RSD	.03445	.26243	.07014	.57008	.18537	.43393	.72955

#1	.01012	.03235	129.79	.47349	.16787	2.2531	421.98
#2	.01012	.03247	129.92	.47732	.16831	2.2393	426.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2099	57.447	.46113	.03638	6.8293	.56828	8.9337
Stddev	.0001	.335	.00025	.00025	.0181	.00202	.0535
%RSD	.00344	.58268	.05423	.69965	.26571	.35536	.59894

#1	3.2098	57.684	.46096	.03656	6.8164	.56686	8.8958
#2	3.2099	57.210	.46131	.03620	6.8421	.56971	8.9715

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.635	.04259	.34920	115.88	2.6851	.87213	5.1342
Stddev	.076	.00105	.01138	.84	.0320	.00116	.0024
%RSD	.32259	2.4684	3.2587	.72251	1.1904	.13254	.04660

#1	23.581	.04333	.34116	115.29	2.6625	.87131	5.1325
#2	23.689	.04184	.35725	116.47	2.7077	.87295	5.1359

Sample Name: J5069-01 Acquired: 9/25/2018 20:03:11 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SLUDGE-BOX-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.1185	16.71	.75059	F<.00000	27.935
Stddev	.0106	.11	.00104	.08407	1.229
%RSD	.50207	.6319	.13836	.33093	4.3997

#1	2.1261	16.63	.74986	-25.344	27.066
#2	2.1110	16.78	.75132	-25.463	28.804

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.1	58244.	5287.3	100.65	3045.2
Stddev	11.1	291.	.6	.50	19.0
%RSD	.43881	.50028	.01151	.49603	.62337

#1	2521.3	58038.	5287.7	101.00	3058.7
#2	2537.0	58450.	5286.9	100.29	3031.8

Sample Name: CCV11 Acquired: 9/25/2018 20:07:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0628	5.1159	5.1076	5.1814	5.2534	10.728	9.7683	.25532
Stddev	.0191	.0341	.0099	.0263	.0053	.056	.0509	.00012
%RSD	.37783	.66600	.19361	.50832	.10106	.52514	.52102	.04801
#1	5.0763	5.0919	5.1006	5.1627	5.2497	10.688	9.7324	.25541
#2	5.0493	5.1400	5.1146	5.2000	5.2572	10.768	9.8043	.25524
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5582	25.244	1.0126	2.5385	1.2836	5.1345	2.5581	24.613
Stddev	.0033	.155	.0008	.0046	.0022	.0110	.0020	.288
%RSD	.12890	.61536	.07444	.18291	.17250	.21419	.07786	1.1695
#1	2.5559	25.134	1.0121	2.5353	1.2821	5.1267	2.5595	24.409
#2	2.5605	25.354	1.0132	2.5418	1.2852	5.1423	2.5567	24.816
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5276	1.2719	25.048	2.5610	2.5041	25.417	5.1169	5.0507
Stddev	.0072	.0001	.129	.0056	.0112	.148	.0067	.0602
%RSD	.28563	.00586	.51544	.21931	.44855	.58330	.13068	1.1911
#1	2.5225	1.2719	24.957	2.5650	2.5120	25.312	5.1122	5.0082
#2	2.5327	1.2720	25.139	2.5571	2.4961	25.522	5.1217	5.0932
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0496	4.7926	4.9904	5.1415	4.5613	5.156	5.2264	F 1.5985
Stddev	.0140	.0058	.0070	.0493	.0257	.014	.0269	.6697
%RSD	.27708	.12013	.13997	.95783	.56409	.2656	.51535	41.896
#1	5.0397	4.7967	4.9854	5.1067	4.5431	5.146	5.2073	1.1249
#2	5.0595	4.7885	4.9953	5.1763	4.5795	5.166	5.2454	2.0720

Sample Name: CCV11 Acquired: 9/25/2018 20:07:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9511
Stddev .1294
%RSD 4.3833

#1 3.0426
#2 2.8597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.1	49711.	4336.2	103.26	3364.5
Stddev	5.0	80.	11.9	.86	5.6
%RSD	.22577	.16043	.27554	.83122	.16612

#1	2205.6	49655.	4344.6	102.65	3360.5
#2	2212.7	49767.	4327.7	103.87	3368.4

Sample Name: CCB11 Acquired: 9/25/2018 20:10:52 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7487 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00030	-.00263	-.00060	-.00113	.01122	.00070
Stddev	.00342	.00138	.00062	.00383	.00108	.00227	.00001
%RSD	689.38	454.93	23.354	638.12	95.657	20.222	1.3249

#1	.00291	.00128	-.00307	.00211	-.00190	.01282	.00069
#2	-.00192	-.00067	-.00220	-.00331	-.00037	.00962	.00070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00005	-.01776	-.00097	.00001	.00003	.01343
Stddev	.00002	.00003	.00617	.00013	.00020	.00022	.00305
%RSD	46.864	67.650	34.745	13.079	1896.7	752.65	22.705

#1	.00003	.00003	-.02213	-.00088	-.00013	.00019	.01558
#2	.00006	.00007	-.01340	-.00106	.00016	-.00013	.01127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.00946	.00037	-.00014	-.83142	.00012	-.00198
Stddev	.00006	.02475	.00033	.00010	.01082	.00042	.00003
%RSD	45.342	261.62	89.173	76.186	1.3018	358.73	1.6790

#1	-.00010	.02697	.00060	-.00006	-.83907	-.00018	-.00200
#2	-.00018	-.00804	.00014	-.00021	-.82376	.00041	-.00195

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08435	.00094	-.00395	-.00119	-.00148	-.00165	.00240
Stddev	.00757	.00004	.01002	.00138	.00134	.00036	.00009
%RSD	8.9720	4.2280	253.66	116.29	90.669	21.614	3.7261

#1	-.07900	.00091	.00314	-.00217	-.00243	-.00140	.00234
#2	-.08970	.00097	-.01104	-.00021	-.00053	-.00190	.00246

Sample Name: CCB11 Acquired: 9/25/2018 20:10:52 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7487 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01664	-.0014	.00013	F .01053	F .77940
Stddev	.00273	.0004	.00002	.33281	.35335
%RSD	16.416	29.82	14.120	3160.6	45.336

#1	-.01857	-.0011	.00011	.24586	1.0293
#2	-.01471	-.0017	.00014	-.22480	.52955

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.6	51564.	4298.0	106.81	3758.6
Stddev	14.0	65.	18.0	1.24	40.6
%RSD	.61579	.12550	.41923	1.1620	1.0807

#1	2265.7	51518.	4310.7	107.69	3729.9
#2	2285.5	51609.	4285.3	105.94	3787.3

Sample Name: J5069-05 Acquired: 9/25/2018 20:14:57 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SLUDGE-BOX-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30687	-.08283	12.113	-.03915	.00297	161.73	4.4278
Stddev	.00592	.00086	.090	.00710	.00016	.10	.0342
%RSD	1.9308	1.0388	.74391	18.122	5.4842	.06095	.77147

#1	.30268	-.08344	12.050	-.04417	.00285	161.80	4.4036
#2	.31106	-.08222	12.177	-.03414	.00308	161.66	4.4519

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01090	.03925	185.56	.42360	.17972	2.5482	489.25
Stddev	.00026	.00096	1.97	.00103	.00038	.0060	6.98
%RSD	2.4041	2.4348	1.0590	.24368	.21370	.23722	1.4262

#1	.01072	.03992	184.17	.42433	.17999	2.5439	484.31
#2	.01109	.03857	186.95	.42287	.17945	2.5525	494.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6100	65.318	.50216	.02802	7.2681	.64351	11.180
Stddev	.0058	1.060	.00091	.00063	.0761	.00544	.178
%RSD	.16024	1.6227	.18180	2.2444	1.0472	.84592	1.5962

#1	3.6059	64.569	.50280	.02758	7.2143	.63966	11.054
#2	3.6141	66.068	.50151	.02846	7.3219	.64736	11.306

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.993	.04525	.47675	123.74	3.0321	.84326	6.5631
Stddev	.254	.00018	.01760	.64	.0340	.00282	.0633
%RSD	.79239	.38757	3.6924	.52054	1.1229	.33415	.96452

#1	31.814	.04537	.46430	123.28	3.0080	.84127	6.5183
#2	32.172	.04512	.48920	124.20	3.0562	.84525	6.6078

Sample Name: J5069-05 Acquired: 9/25/2018 20:14:57 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SLUDGE-BOX-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3651	19.09	.91885	F<.00000	32.270
Stddev	.0090	.12	.00857	1.0596	.191
%RSD	.38151	.6193	.93295	3.5926	.59170

#1	2.3715	19.01	.91279	-28.743	32.405
#2	2.3587	19.18	.92491	-30.241	32.135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.6	57788.	5355.5	100.68	2955.4
Stddev	4.9	14.	63.4	1.42	14.2
%RSD	.19577	.02443	1.1831	1.4073	.48119

#1	2523.1	57798.	5400.3	101.69	2965.4
#2	2516.1	57778.	5310.7	99.682	2945.3

Sample Name: J5070-01 Acquired: 9/25/2018 20:18:52 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RBR-20002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09505	-.01039	.78133	-.03086	.00141	68.068	.32671
Stddev	.00063	.00147	.00561	.00362	.00002	.271	.00054
%RSD	.65992	14.168	.71752	11.730	1.5538	.39819	.16586

#1	.09550	-.00935	.77736	-.03342	.00140	67.877	.32709
#2	.09461	-.01143	.78529	-.02830	.00143	68.260	.32633

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00429	.00562	23.104	.40872	.02140	.18782	186.49
Stddev	.00006	.00007	.113	.00227	.00003	.00013	.20
%RSD	1.4320	1.2604	.49098	.55484	.13641	.07063	.10922

#1	.00433	.00567	23.024	.40712	.02142	.18792	186.35
#2	.00424	.00557	23.184	.41032	.02138	.18773	186.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78005	10.231	.04972	.00314	8.4830	.39734	.94536
Stddev	.00277	.039	.00049	.00022	.0155	.00245	.00153
%RSD	.35522	.37921	.99226	7.0424	.18239	.61683	.16229

#1	.77809	10.203	.05007	.00330	8.4720	.39560	.94645
#2	.78201	10.258	.04937	.00299	8.4939	.39907	.94428

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1425	.00382	.09084	.90135	4.6267	.01593	.57468
Stddev	.0346	.00045	.00390	.00522	.0701	.00049	.00423
%RSD	.42447	11.836	4.2881	.57940	1.5152	3.0839	.73641

#1	8.1181	.00350	.09359	.89765	4.5771	.01628	.57767
#2	8.1670	.00414	.08808	.90504	4.6763	.01558	.57169

Sample Name: J5070-01 Acquired: 9/25/2018 20:18:52 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-RBR-20002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29015	3.686	.13493	F<.00000	21.879
Stddev	.00469	.005	.00048	.45059	.716
%RSD	1.6180	.1313	.35327	3.5674	3.2718
#1	.28683	3.690	.13460	-12.312	21.373
#2	.29347	3.683	.13527	-12.949	22.386
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.7	54638.	4738.8	106.02	3433.8
Stddev	5.5	35.	10.6	.36	6.8
%RSD	.22743	.06394	.22380	.33607	.19944
#1	2399.8	54663.	4731.3	105.77	3428.9
#2	2407.5	54614.	4746.3	106.27	3438.6

Sample Name: J5070-04 Acquired: 9/25/2018 20:22:48 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RBR-20003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12756	-.00846	.78349	-.02697	-.00137	64.746	.27093
Stddev	.00189	.00049	.00061	.00580	.00137	.054	.00165
%RSD	1.4832	5.7850	.07821	21.504	100.06	.08343	.61082

#1	.12889	-.00812	.78306	-.02287	-.00040	64.785	.26975
#2	.12622	-.00881	.78393	-.03107	-.00233	64.708	.27210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	.00439	15.411	.30125	.01890	.20512	162.18
Stddev	.00011	.00019	.053	.00060	.00048	.00140	.90
%RSD	2.8507	4.2324	.34248	.19962	2.5517	.68083	.55738

#1	.00393	.00426	15.374	.30082	.01856	.20611	162.82
#2	.00409	.00452	15.449	.30168	.01924	.20413	161.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69234	10.408	.04885	.00302	3.8379	.30001	.56340
Stddev	.00235	.093	.00034	.00060	.0022	.00256	.00506
%RSD	.33937	.89285	.69637	19.847	.05665	.85177	.89893

#1	.69068	10.343	.04861	.00344	3.8394	.29820	.56698
#2	.69400	10.474	.04909	.00259	3.8364	.30182	.55981

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1279	.00512	.07552	.82774	3.3121	.01136	.52413
Stddev	.0128	.00030	.00916	.00468	.0724	.00033	.00374
%RSD	.17944	5.8088	12.128	.56509	2.1870	2.8759	.71285

#1	7.1189	.00491	.06905	.82444	3.2608	.01113	.52148
#2	7.1370	.00533	.08200	.83105	3.3633	.01159	.52677

Sample Name: J5070-04 Acquired: 9/25/2018 20:22:48 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-RBR-20003 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29826	3.300	.07025	F<.00000	19.807
Stddev	.00291	.003	.00046	.87147	.239
%RSD	.97438	.0823	.65872	8.1343	1.2059

#1	.30032	3.298	.06992	-10.097	19.638
#2	.29621	3.302	.07057	-11.330	19.976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.1	54168.	4706.3	104.99	3462.4
Stddev	.4	45.	22.0	.52	7.0
%RSD	.01508	.08302	.46712	.49768	.20098

#1	2393.4	54136.	4721.9	104.62	3467.3
#2	2392.8	54200.	4690.8	105.36	3457.5

Sample Name: J5070-07 Acquired: 9/25/2018 20:26:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RT-4005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15187	-.01555	.30649	-.03523	.00011	66.969	.17649
Stddev	.00044	.00247	.00213	.00121	.00089	.270	.00172
%RSD	.29186	15.883	.69533	3.4417	836.27	.40254	.97388

#1	.15218	-.01730	.30799	-.03437	.00074	66.778	.17770
#2	.15156	-.01381	.30498	-.03609	-.00052	67.159	.17527

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	.00457	7.9101	.63068	.02025	.15110	232.16
Stddev	.00017	.00055	.0571	.00045	.00011	.00238	3.37
%RSD	3.5691	11.929	.72193	.07093	.56665	1.5732	1.4516

#1	.00495	.00496	7.9504	.63037	.02033	.15278	229.78
#2	.00471	.00418	7.8697	.63100	.02017	.14942	234.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48129	5.1763	.04734	.00600	2.4466	.96395	1.1706
Stddev	.00008	.0396	.00095	.00040	.0293	.00150	.0169
%RSD	.01581	.76513	1.9971	6.7474	1.1988	.15587	1.4451

#1	.48135	5.2043	.04801	.00572	2.4674	.96288	1.1586
#2	.48124	5.1483	.04667	.00629	2.4259	.96501	1.1825

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3231	.00310	.12070	.51787	2.4553	.01104	.46288
Stddev	.0359	.00001	.02389	.00242	.0120	.00159	.00165
%RSD	.48981	.39943	19.790	.46708	.48925	14.371	.35733

#1	7.3485	.00311	.10381	.51616	2.4468	.00992	.46405
#2	7.2978	.00309	.13759	.51958	2.4638	.01216	.46171

Sample Name: J5070-07 Acquired: 9/25/2018 20:26:45 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-RT-4005 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15088	4.158	.06029	F<.00000	23.352
Stddev	.00509	.005	.00047	.08973	.922
%RSD	3.3711	.1322	.78165	.45201	3.9490

#1	.15448	4.155	.06062	-19.914	22.700
#2	.14728	4.162	.05996	-19.787	24.004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.3	59253.	5147.1	107.86	3430.4
Stddev	14.2	110.	66.2	1.31	7.5
%RSD	.54652	.18490	1.2870	1.2137	.21942

#1	2588.2	59175.	5100.2	108.78	3425.1
#2	2608.3	59330.	5193.9	106.93	3435.8

Sample Name: J4923-01 Acquired: 9/25/2018 20:34:51 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-PAINT-CHI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.00533	6.8593	.00146	.00475	.33515	.04645	-.00005
Stddev	.00310	.00037	.0121	.00058	.00110	.01365	.00022	.00004
%RSD	84.365	6.8572	.17700	39.586	23.082	4.0739	.47724	73.925

#1	.00148	-.00559	6.8507	.00187	.00553	.32549	.04629	-.00008
#2	.00587	-.00507	6.8679	.00105	.00398	.34480	.04661	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00828	214.90	.32936	.18809	.05060	1.0622	.67264	7.1392
Stddev	.00009	.76	.00202	.00072	.00057	.0151	.00013	.1228
%RSD	1.0279	.35502	.61348	.38175	1.1241	1.4251	.01924	1.7194

#1	.00822	214.36	.32793	.18758	.05100	1.0729	.67255	7.0524
#2	.00834	215.44	.33078	.18859	.05019	1.0515	.67273	7.2260

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02297	-.00063	365.80	-.00007	33.015	10.878	-.00106	.07667
Stddev	.00014	.00033	3.19	.00010	.687	.012	.00008	.00219
%RSD	.62311	52.663	.87240	140.30	2.0807	.11469	7.9502	2.8546

#1	.02307	-.00086	363.54	-.00014	33.500	10.869	-.00100	.07822
#2	.02287	-.00040	368.05	-.00000	32.529	10.887	-.00112	.07512

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.34	1.5897	-.03375	-.00383	.39395	1.398	.71916	9.7787
Stddev	.28	.0033	.00046	.00069	.01415	.002	.00210	.6543
%RSD	.27226	.21001	1.3498	18.093	3.5926	.1720	.29239	6.6908

#1	104.54	1.5873	-.03407	-.00334	.40396	1.400	.72065	10.241
#2	104.14	1.5920	-.03343	-.00432	.38395	1.396	.71768	9.3160

Sample Name: J4923-01 Acquired: 9/25/2018 20:34:51 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-PAINT-CHI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5095
Stddev .1115
%RSD 3.1777

#1 3.5884
#2 3.4307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.8	45880.	4223.3	98.719	3012.1
Stddev	8.3	161.	8.7	2.090	11.7
%RSD	.41779	.35113	.20706	2.1173	.38822

#1	1978.0	45767.	4229.5	97.241	3003.8
#2	1989.7	45994.	4217.2	100.20	3020.3

Sample Name: J5068-04 Acquired: 9/25/2018 20:38:55 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-9FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00499	-.00462	-.00123	.00303	.00165	.03176	.39985	.00005
Stddev	.00103	.00410	.00012	.00060	.00102	.00813	.00124	.00009
%RSD	20.653	88.694	9.4145	19.888	61.994	25.612	.31064	176.91

#1	.00426	-.00172	-.00131	.00345	.00237	.02601	.39897	-.00001
#2	.00572	-.00751	-.00115	.00260	.00093	.03751	.40073	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	5.4252	-.00245	.01153	.00305	2.9661	4.1479	.98508
Stddev	.00010	.0052	.00115	.00005	.00027	.0217	.0040	.01019
%RSD	202.96	.09657	46.949	.47356	8.9068	.73148	.09577	1.0343

#1	-.00002	5.4215	-.00164	.01149	.00286	2.9814	4.1507	.97787
#2	.00012	5.4289	-.00326	.01157	.00324	2.9507	4.1451	.99228

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01607	.00013	276.88	-.00426	.11141	.96962	-.00025	.03451
Stddev	.00009	.00008	.44	.00014	.00097	.00980	.00042	.00021
%RSD	.56815	60.204	.15731	3.1886	.86810	1.0102	167.13	.60408

#1	.01613	.00007	276.57	-.00436	.11209	.96269	-.00055	.03466
#2	.01601	.00018	277.19	-.00417	.11072	.97654	.00005	.03437

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32340	.34170	.00079	.00237	-.01039	.0011	.02438	2.7296
Stddev	.00334	.00210	.00013	.00358	.00156	.0025	.00006	.1001
%RSD	1.0342	.61458	16.693	151.08	15.046	236.9	.23779	3.6668

#1	.32576	.34021	.00069	-.00016	-.01150	-.0007	.02434	2.8004
#2	.32103	.34318	.00088	.00490	-.00928	.0028	.02442	2.6588

Sample Name: J5068-04 Acquired: 9/25/2018 20:38:55 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-1-9FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3899
 Stddev .1837
 %RSD 5.4188

#1 3.5198
 #2 3.2600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.5	48207.	4279.6	103.41	3250.6
Stddev	10.9	246.	10.4	1.61	11.9
%RSD	.51760	.51065	.24206	1.5572	.36759

#1	2102.8	48032.	4272.3	102.27	3242.1
#2	2118.2	48381.	4286.9	104.55	3259.0

Sample Name: J5068-06 Acquired: 9/25/2018 20:43:05 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-2-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	-.00357	.00025	.00090	-.00051	.06698	.13657	.00001
Stddev	.00055	.00001	.00006	.00179	.00213	.00278	.00036	.00009
%RSD	18.603	.17025	23.598	199.98	421.10	4.1459	.26686	1540.1

#1	.00338	-.00358	.00029	-.00037	.00100	.06894	.13631	.00007
#2	.00259	-.00357	.00021	.00216	-.00201	.06501	.13682	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	8.0815	.00012	.00189	.00098	.01291	.82883	.67506
Stddev	.00008	.0690	.00013	.00005	.00054	.00907	.00177	.02812
%RSD	103.36	.85369	110.97	2.5972	55.034	70.256	.21301	4.1659

#1	-.00002	8.0328	.00002	.00192	.00060	.00650	.82758	.69495
#2	-.00014	8.1303	.00021	.00185	.00136	.01933	.83008	.65518

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00021	284.95	-.00047	.08523	1.8940	.00029	.03617
Stddev	.00064	.00034	3.60	.00046	.00076	.0128	.00005	.00562
%RSD	50.054	159.24	1.2643	97.542	.89448	.67382	17.194	15.549

#1	.00174	-.00045	282.41	-.00015	.08469	1.8849	.00025	.03219
#2	.00083	.00003	287.50	-.00079	.08577	1.9030	.00032	.04015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7163	.28798	.00341	.00212	-.00931	.0006	.05901	2.8932
Stddev	.0088	.00364	.00043	.00015	.00691	.0009	.00011	.2231
%RSD	.51444	1.2627	12.606	7.1523	74.175	163.7	.19057	7.7108

#1	1.7225	.28541	.00311	.00223	-.01419	.0013	.05909	2.7355
#2	1.7100	.29055	.00372	.00202	-.00443	-.0001	.05893	3.0510

Sample Name: J5068-06 Acquired: 9/25/2018 20:43:05 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-2-6FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4281
 Stddev .2383
 %RSD 9.8144

#1 2.2596
 #2 2.5966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.1	48028.	4311.4	105.04	3256.4
Stddev	6.3	36.	35.3	.41	10.9
%RSD	.29998	.07485	.81974	.38656	.33524

#1	2098.7	48054.	4336.4	105.33	3248.7
#2	2107.6	48003.	4286.4	104.75	3264.1

Sample Name: J5068-08 Acquired: 9/25/2018 20:47:14 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	-.00255	.01744	.00215	-.00040	.12598	.20170	.00000
Stddev	.00070	.00143	.00122	.00296	.00039	.01722	.00075	.00004
%RSD	24.067	56.083	7.0127	137.27	97.414	13.672	.37094	886.44

#1	.00241	-.00154	.01657	.00425	-.00013	.13816	.20118	-.00002
#2	.00340	-.00356	.01830	.00006	-.00068	.11380	.20223	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	28.495	.00052	.00125	.01700	.00576	.15805	1.3230
Stddev	.00005	.098	.00024	.00001	.00002	.00125	.00015	.0487
%RSD	3.4553	.34528	45.857	1.1251	.10423	21.766	.09248	3.6802

#1	.00145	28.425	.00068	.00124	.01702	.00665	.15816	1.3574
#2	.00152	28.565	.00035	.00126	.01699	.00487	.15795	1.2886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	-.00021	368.82	.00045	.31491	1.7857	.00015	.05473
Stddev	.00003	.00034	.59	.00025	.00248	.0175	.00024	.00025
%RSD	1.2610	161.83	.16075	55.749	.78666	.97784	157.73	.46183

#1	.00253	-.00045	369.24	.00063	.31667	1.7980	.00032	.05491
#2	.00257	.00003	368.40	.00027	.31316	1.7733	-.00002	.05455

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4856	1.3117	.00329	.00235	.00667	.0219	.16695	4.4735
Stddev	.0031	.0089	.00002	.00200	.00797	.0023	.00034	.5272
%RSD	.20959	.67571	.45784	85.311	119.45	10.35	.20297	11.785

#1	1.4878	1.3054	.00330	.00376	.00104	.0203	.16671	4.8462
#2	1.4834	1.3179	.00328	.00093	.01231	.0236	.16719	4.1007

Sample Name: J5068-08 Acquired: 9/25/2018 20:47:14 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-3-6FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8593
 Stddev .3896
 %RSD 13.627

#1 2.5837
 #2 3.1348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.6	47387.	4243.7	102.15	3181.2
Stddev	4.4	50.	11.3	.89	7.8
%RSD	.21223	.10470	.26554	.87312	.24365

#1	2080.4	47422.	4235.7	101.52	3175.7
#2	2086.7	47352.	4251.7	102.78	3186.7

Sample Name: J5068-10 Acquired: 9/25/2018 20:51:23 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-4-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	-.00221	.01823	.00124	.00041	.07492	.16235	-.00009
Stddev	.00166	.00101	.00108	.00079	.00192	.01000	.00056	.00006
%RSD	61.498	45.756	5.9385	63.958	467.77	13.344	.34330	64.710

#1	-.00153	-.00292	.01746	.00068	-.00095	.08199	.16274	-.00013
#2	-.00388	-.00149	.01899	.00180	.00177	.06785	.16195	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	21.499	.00029	.00055	.00908	.01386	.10993	.99195
Stddev	.00003	.090	.00053	.00007	.00069	.00654	.00038	.05303
%RSD	3.2501	.41805	181.33	13.059	7.5513	47.181	.34210	5.3464

#1	.00099	21.436	.00066	.00050	.00859	.01848	.10967	.95445
#2	.00094	21.563	-.00008	.00060	.00956	.00923	.11020	1.0294

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	-.00032	296.96	-.00009	.21434	1.2917	.00014	.03976
Stddev	.00008	.00083	3.45	.00011	.00254	.0306	.00021	.00786
%RSD	6.1058	260.38	1.1606	122.95	1.1854	2.3677	153.21	19.776

#1	.00129	-.00090	294.53	-.00001	.21614	1.2700	.00029	.03420
#2	.00118	.00027	299.40	-.00016	.21254	1.3133	-.00001	.04532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3056	.82948	.00232	.00089	-.00108	.0178	.13477	3.2888
Stddev	.0039	.00919	.00020	.00078	.00526	.0041	.00019	.0156
%RSD	.29579	1.1084	8.7787	87.751	485.27	22.79	.13761	.47453

#1	1.3083	.82297	.00246	.00145	.00263	.0207	.13490	3.2998
#2	1.3029	.83598	.00217	.00034	-.00480	.0149	.13464	3.2778

Sample Name: J5068-10 Acquired: 9/25/2018 20:51:23 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-4-6FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6379
 Stddev .0449
 %RSD 1.7024

#1 2.6696
 #2 2.6061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.7	47747.	4246.6	102.07	3224.5
Stddev	2.4	68.	27.3	1.36	4.7
%RSD	.11628	.14341	.64221	1.3314	.14432

#1	2089.9	47698.	4265.8	101.11	3221.2
#2	2093.4	47795.	4227.3	103.03	3227.8

Sample Name: CCV12 Acquired: 9/25/2018 20:55:31 Type: Unk
Method: P4-ICP2(v2455) 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	5.1781	5.1988	5.2048	5.2597	5.3451	10.801	9.9037	.25894
Stddev	.0160	.0121	.0034	.0113	.0176	.128	.1012	.00027
%RSD	.30900	.23334	.06519	.21474	.32879	1.1806	1.0220	.10261
#1	5.1668	5.1902	5.2024	5.2518	5.3327	10.711	9.9753	.25876
#2	5.1894	5.2074	5.2072	5.2677	5.3575	10.891	9.8322	.25913
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6136	25.854	1.0308	2.5832	1.3125	5.2835	2.6026	25.383
Stddev	.0039	.077	.0021	.0052	.0024	.1025	.0051	.212
%RSD	.15072	.29933	.20310	.20201	.17972	1.9400	.19568	.83405
#1	2.6108	25.799	1.0294	2.5795	1.3108	5.2111	2.5990	25.233
#2	2.6163	25.908	1.0323	2.5869	1.3142	5.3560	2.6062	25.533
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5732	1.2808	25.480	2.5975	2.6083	25.764	5.2218	5.1855
Stddev	.0023	.0001	.200	.0051	.0063	.314	.0185	.0083
%RSD	.08935	.00652	.78381	.19685	.24357	1.2183	.35341	.16004
#1	2.5716	1.2809	25.621	2.5939	2.6038	25.986	5.2087	5.1913
#2	2.5749	1.2808	25.339	2.6011	2.6128	25.542	5.2348	5.1796
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1164	4.9184	5.0981	5.2545	4.6815	5.247	5.3164	F 2.6526
Stddev	.0162	.0506	.0008	.0130	.0070	.006	.0541	.0104
%RSD	.31619	1.0290	.01547	.24648	.14943	.1201	1.0175	.39316
#1	5.1279	4.9542	5.0986	5.2637	4.6765	5.242	5.3546	2.6452
#2	5.1050	4.8826	5.0975	5.2454	4.6864	5.251	5.2781	2.6599

Sample Name: CCV12 Acquired: 9/25/2018 20:55:31 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9909
Stddev .3199
%RSD 10.696

#1 2.7647
#2 3.2171

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.4	49342.	4237.3	100.10	3332.0
Stddev	2.6	65.	46.2	.12	.3
%RSD	.11819	.13220	1.0900	.11578	.00841

#1	2181.2	49388.	4204.7	100.18	3332.2
#2	2177.6	49296.	4270.0	100.02	3331.8

Sample Name: J5068-12 Acquired: 9/25/2018 21:03:22 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-5-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00562	.01686	.00361	-.00153	.21158	.13956	.00002
Stddev	.00131	.00295	.00022	.00262	.00190	.01009	.00097	.00008
%RSD	543.16	52.502	1.3334	72.663	124.40	4.7704	.69293	329.54

#1	-.00069	-.00771	.01702	.00546	-.00018	.20445	.13888	-.00003
#2	.00117	-.00354	.01670	.00175	-.00287	.21872	.14025	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	43.164	.00057	.00820	.07626	.01136	.36638	1.5988
Stddev	.00009	.103	.00098	.00000	.00017	.00648	.00043	.0333
%RSD	5.0931	.23884	172.00	.03838	.21913	57.016	.11801	2.0844

#1	.00192	43.091	.00126	.00820	.07638	.00678	.36608	1.5752
#2	.00179	43.237	-.00012	.00820	.07614	.01594	.36669	1.6223

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00713	-.00025	345.23	-.00030	.30275	1.8502	.00051	.05791
Stddev	.00114	.00017	1.18	.00061	.00235	.0337	.00007	.00720
%RSD	15.928	67.591	.34096	200.57	.77744	1.8200	13.915	12.427

#1	.00793	-.00037	346.06	.00013	.30441	1.8264	.00056	.06299
#2	.00633	-.00013	344.40	-.00074	.30109	1.8740	.00046	.05282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4306	1.5829	.00065	.00226	.00896	.0044	.26104	5.1879
Stddev	.0072	.0036	.00004	.00175	.00973	.0024	.00028	.1556
%RSD	.29609	.22646	6.2114	77.180	108.64	54.30	.10555	2.9998

#1	2.4357	1.5804	.00068	.00350	.01584	.0027	.26124	5.0779
#2	2.4255	1.5855	.00063	.00103	.00208	.0060	.26085	5.2980

Sample Name: J5068-12 Acquired: 9/25/2018 21:03:22 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-5-6FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8543
 Stddev .2883
 %RSD 10.100

#1 3.0581
 #2 2.6504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.3	46819.	4196.6	100.43	3165.9
Stddev	7.2	73.	.9	.38	7.4
%RSD	.34757	.15493	.02221	.37912	.23423

#1	2073.4	46768.	4197.3	100.16	3171.1
#2	2063.2	46871.	4196.0	100.69	3160.6

Sample Name: J5068-14 Acquired: 9/25/2018 21:07:30 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-6-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00322	.00282	.00802	-.00160	.04715	.17788	.00002
Stddev	.00378	.00163	.00027	.00245	.00234	.00763	.00060	.00002
%RSD	1202.9	50.595	9.5971	30.502	146.20	16.184	.33457	81.953

#1	.00236	-.00437	.00301	.00975	-.00326	.05255	.17746	.00001
#2	-.00299	-.00207	.00263	.00629	.00005	.04176	.17830	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	26.755	.00042	-.00007	.00520	.00533	.03556	1.3458
Stddev	.00009	.141	.00023	.00040	.00008	.00082	.00014	.0441
%RSD	16.880	.52737	54.497	612.71	1.5954	15.362	.39678	3.2749

#1	.00045	26.655	.00026	.00022	.00526	.00475	.03546	1.3146
#2	.00058	26.855	.00058	-.00035	.00514	.00591	.03566	1.3770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00013	324.69	-.00009	.14344	2.1193	.00011	.04453
Stddev	.00032	.00014	1.29	.00021	.00128	.0354	.00004	.00146
%RSD	40940.	106.63	.39772	224.49	.89227	1.6716	40.037	3.2760

#1	-.00022	.00023	323.78	-.00024	.14434	2.1443	.00008	.04556
#2	.00023	.00003	325.60	.00006	.14253	2.0942	.00014	.04350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9339	1.4022	.00226	.00151	.00295	.0074	.21315	4.7169
Stddev	.0067	.0257	.00095	.00060	.00026	.0028	.00256	.3090
%RSD	.34755	1.8307	42.083	39.573	8.8358	37.79	1.2008	6.5502

#1	1.9291	1.3840	.00159	.00193	.00277	.0094	.21134	4.4984
#2	1.9386	1.4203	.00293	.00108	.00314	.0054	.21496	4.9354

Sample Name: J5068-14 Acquired: 9/25/2018 21:07:30 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-6-6FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4458
 Stddev .3824
 %RSD 15.637

#1 2.1754
 #2 2.7162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.2	46777.	4239.5	101.66	3169.6
Stddev	.4	8.	63.5	.78	.1
%RSD	.02048	.01678	1.4990	.76524	.00301

#1	2056.5	46783.	4284.4	101.11	3169.7
#2	2055.9	46772.	4194.6	102.21	3169.5

Sample Name: J5068-16 Acquired: 9/25/2018 21:11:38 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-6-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00214	-.00097	-.00010	.00756	.00064	.06425	.24012	-.00006
Stddev	.00081	.00151	.00076	.00291	.00301	.00816	.00098	.00002
%RSD	37.677	155.01	737.48	38.571	471.90	12.694	.40957	35.332

#1	-.00272	-.00204	-.00064	.00549	.00276	.07002	.23943	-.00005
#2	-.00157	.00009	.00044	.00962	-.00149	.05849	.24082	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	19.110	.00046	-.00024	.00276	.01692	.00710	.95097
Stddev	.00001	.079	.00051	.00011	.00005	.00177	.00017	.00117
%RSD	55.118	.41572	110.44	45.316	1.7438	10.476	2.3478	.12268

#1	.00003	19.053	.00083	-.00016	.00273	.01818	.00698	.95179
#2	.00001	19.166	.00010	-.00031	.00280	.01567	.00722	.95014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00018	296.82	.00023	.11351	1.4493	.00040	.04664
Stddev	.00033	.00033	2.12	.00006	.00267	.0495	.00012	.01273
%RSD	44.654	184.40	.71483	24.478	2.3564	3.4173	30.618	27.300

#1	-.00050	-.00041	295.32	.00027	.11161	1.4143	.00031	.05565
#2	-.00097	.00005	298.32	.00019	.11540	1.4843	.00048	.03764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76764	1.1414	.00122	.00150	-.00560	.0049	.16082	3.8818
Stddev	.01251	.0039	.00001	.00167	.00891	.0018	.00017	.2897
%RSD	1.6300	.34533	.69614	110.82	159.13	37.47	.10445	7.4625

#1	.77649	1.1442	.00123	.00268	-.01189	.0036	.16070	3.6769
#2	.75879	1.1386	.00122	.00033	.00070	.0061	.16094	4.0866

Sample Name: J5068-16 Acquired: 9/25/2018 21:11:38 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-6-10FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7978
 Stddev .2031
 %RSD 7.2577

#1 2.6542
 #2 2.9414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.7	47265.	4239.7	99.454	3207.3
Stddev	5.9	28.	18.9	2.113	6.2
%RSD	.28639	.05860	.44652	2.1244	.19344

#1	2071.5	47246.	4253.1	100.95	3202.9
#2	2079.9	47285.	4226.3	97.960	3211.7

Sample Name: J5068-18 Acquired: 9/25/2018 21:15:47 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-7-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00250	.00027	.00102	-.00110	.03942	.12909	-.00003
Stddev	.00315	.00162	.00047	.00115	.00042	.00791	.00066	.00010
%RSD	624.17	64.595	176.00	113.38	37.828	20.063	.51443	309.26

#1	.00172	-.00136	.00060	.00183	-.00081	.03383	.12956	.00004
#2	-.00273	-.00365	-.00007	.00020	-.00140	.04502	.12862	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	6.2326	.00004	.00028	.00311	-.00273	.04158	.80780
Stddev	.00010	.0427	.00050	.00016	.00028	.00352	.00007	.00344
%RSD	900.32	.68472	1196.1	54.830	8.9296	129.16	.16518	.42603

#1	.00008	6.2628	.00039	.00017	.00291	-.00522	.04153	.81023
#2	-.00006	6.2024	-.00031	.00039	.00330	-.00024	.04163	.80537

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00544	-.00012	272.61	.00074	.14507	.86377	.00033	.01574
Stddev	.00039	.00039	2.45	.00037	.00004	.00478	.00024	.00219
%RSD	7.1679	323.32	.89791	50.454	.02719	.55345	75.168	13.901

#1	.00572	.00016	274.34	.00048	.14510	.86715	.00050	.01729
#2	.00517	-.00040	270.88	.00100	.14505	.86039	.00015	.01419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4242	.35659	.00037	.00248	.01835	.0005	.04569	3.6249
Stddev	.0064	.00589	.00048	.00271	.01551	.0009	.00026	.3237
%RSD	.44626	1.6505	128.22	109.65	84.493	200.5	.57882	8.9310

#1	1.4197	.35243	.00003	.00439	.00739	.0011	.04587	3.3960
#2	1.4287	.36075	.00071	.00056	.02932	-.0002	.04550	3.8538

Sample Name: J5068-18 Acquired: 9/25/2018 21:15:47 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-7-6FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8883
 Stddev .1595
 %RSD 8.4459

#1 1.7756
 #2 2.0011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.7	47541.	4234.1	105.11	3253.0
Stddev	13.3	201.	6.6	.57	11.6
%RSD	.63515	.42220	.15592	.54377	.35682

#1	2081.3	47399.	4229.5	104.71	3244.8
#2	2100.1	47682.	4238.8	105.52	3261.2

Sample Name: J5068-20 Acquired: 9/25/2018 21:19:56 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-7-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	-.00222	-.00085	.00136	-.00128	.06226	.19563	-.00001
Stddev	.00076	.00240	.00010	.00332	.00015	.00208	.00101	.00014
%RSD	26.738	108.15	11.769	244.02	12.107	3.3384	.51617	1030.1

#1	-.00232	-.00392	-.00078	.00371	-.00139	.06079	.19635	-.00012
#2	-.00340	-.00052	-.00093	-.00099	-.00117	.06373	.19492	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	7.7914	.00156	-.00002	.00150	.01958	.03179	.69304
Stddev	.00005	.0005	.00067	.00003	.00041	.00021	.00007	.00010
%RSD	171.04	.00623	42.681	151.98	27.263	1.0738	.21604	.01439

#1	-.00007	7.7917	.00109	.00000	.00179	.01973	.03183	.69311
#2	.00001	7.7910	.00204	-.00004	.00121	.01943	.03174	.69297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00042	322.68	.00047	.17311	1.2290	-.00007	.03156
Stddev	.00077	.00045	2.41	.00058	.00323	.0239	.00021	.00403
%RSD	189.88	106.76	.74779	123.35	1.8645	1.9403	317.78	12.763

#1	-.00014	.00074	324.39	.00006	.17083	1.2459	-.00021	.02872
#2	.00094	.00010	320.98	.00088	.17540	1.2121	.00008	.03441

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61658	.39886	.00151	.00159	-.02036	-.0006	.04994	3.8446
Stddev	.00067	.00026	.00021	.00072	.01139	.0023	.00062	.2252
%RSD	.10900	.06588	13.840	45.128	55.934	375.7	1.2419	5.8566

#1	.61706	.39905	.00136	.00108	-.01231	.0010	.05037	3.6853
#2	.61611	.39868	.00166	.00209	-.02841	-.0023	.04950	4.0038

Sample Name: J5068-20 Acquired: 9/25/2018 21:19:56 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-7-10FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8634
 Stddev .0979
 %RSD 3.4204

#1 2.9327
 #2 2.7941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.0	47200.	4205.2	101.23	3211.4
Stddev	6.0	.	10.8	1.97	7.2
%RSD	.28633	.00092	.25597	1.9500	.22312

#1	2076.8	47200.	4197.6	102.63	3206.4
#2	2085.3	47200.	4212.9	99.837	3216.5

Sample Name: J5068-22 Acquired: 9/25/2018 21:24:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-8-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00132	.06087	.00365	.00025	.05210	.19360	-.00006
Stddev	.00319	.00049	.00068	.00143	.00035	.01284	.00005	.00000
%RSD	1682.4	37.117	1.1234	39.248	138.89	24.636	.02648	3.8569

#1	-.00207	-.00097	.06135	.00264	.00000	.04302	.19364	-.00006
#2	.00245	-.00166	.06039	.00467	.00050	.06117	.19356	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	7.8820	-.00008	.00007	.00200	.00979	.01887	.75203
Stddev	.00000	.0058	.00041	.00015	.00056	.00474	.00009	.04211
%RSD	1.1678	.07342	522.62	214.12	28.189	48.450	.48286	5.5992

#1	.00022	7.8861	.00021	-.00004	.00240	.01315	.01880	.78181
#2	.00022	7.8779	-.00037	.00017	.00160	.00644	.01893	.72226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	-.00015	278.17	.00015	.19737	1.0679	.00007	.02596
Stddev	.00002	.00002	1.05	.00013	.00621	.0225	.00043	.00663
%RSD	1.6888	10.049	.37651	91.197	3.1475	2.1109	592.62	25.550

#1	.00129	-.00014	277.43	.00005	.19298	1.0520	-.00023	.03065
#2	.00126	-.00016	278.91	.00024	.20177	1.0839	.00038	.02127

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98831	.45396	.00016	.00169	-.00265	.0016	.07472	3.0806
Stddev	.00223	.00060	.00029	.00071	.00584	.0001	.00029	.4174
%RSD	.22608	.13143	187.30	41.792	220.12	7.339	.38354	13.551

#1	.98989	.45439	-.00005	.00219	-.00678	.0015	.07452	3.3757
#2	.98673	.45354	.00036	.00119	.00148	.0016	.07492	2.7854

Sample Name: J5068-22 Acquired: 9/25/2018 21:24:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-8-6FT Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7580
Stddev .2915
%RSD 10.571

#1 2.9642
#2 2.5518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.3	47748.	4211.8	99.380	3242.6
Stddev	7.1	197.	12.4	2.578	10.2
%RSD	.33893	.41282	.29380	2.5938	.31314

#1	2078.3	47609.	4220.5	101.20	3235.4
#2	2088.3	47888.	4203.0	97.558	3249.8

Sample Name: J5068-24 Acquired: 9/25/2018 21:28:14 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-8-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	-.00183	-.00058	.00155	-.00093	.30418	.28286	.00015
Stddev	.00180	.00201	.00133	.00011	.00038	.00872	.00118	.00000
%RSD	89.876	109.91	229.03	7.3799	40.586	2.8668	.41843	.78221

#1	-.00327	-.00041	.00036	.00163	-.00119	.29802	.28370	.00014
#2	-.00073	-.00325	-.00152	.00147	-.00066	.31035	.28202	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	5.8227	.00020	.00026	.00140	.02758	.22287	.77236
Stddev	.00004	.0389	.00030	.00023	.00022	.00857	.00068	.04525
%RSD	73.175	.66838	154.02	87.044	15.767	31.074	.30330	5.8589

#1	-.00008	5.8502	.00041	.00042	.00124	.02152	.22239	.80436
#2	-.00003	5.7952	-.00002	.00010	.00155	.03363	.22334	.74037

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.00042	309.09	.00060	.09211	.75289	-.00006	.03442
Stddev	.00087	.00019	1.33	.00008	.00075	.02412	.00017	.00580
%RSD	488.74	45.805	.43081	14.147	.80885	3.2038	275.97	16.855

#1	.00079	-.00055	310.03	.00066	.09264	.73583	-.00018	.03852
#2	-.00044	-.00028	308.15	.00054	.09159	.76995	.00006	.03032

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28004	.34723	.00237	.00403	-.00902	.0087	.02626	3.1234
Stddev	.00197	.00006	.00133	.00059	.00033	.0013	.00014	.1032
%RSD	.70346	.01601	56.036	14.604	3.6551	14.75	.53814	3.3027

#1	.28143	.34727	.00143	.00362	-.00925	.0078	.02636	3.0505
#2	.27865	.34719	.00331	.00445	-.00878	.0096	.02616	3.1964

Sample Name: J5068-24 Acquired: 9/25/2018 21:28:14 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-8-10FT Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8557
 Stddev .1083
 %RSD 3.7923

#1 2.7791
 #2 2.9323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.7	47783.	4218.3	101.65	3222.3
Stddev	5.3	147.	23.2	.82	15.9
%RSD	.25560	.30861	.54951	.80790	.49314

#1	2080.9	47679.	4201.9	101.07	3211.1
#2	2088.5	47888.	4234.7	102.23	3233.6

Sample Name: J5068-26 Acquired: 9/25/2018 21:32:24 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-WAL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	-.00408	.00111	.00474	-.00088	.02645	.07003	-.00011
Stddev	.00073	.00081	.00052	.00300	.00071	.00775	.00055	.00004
%RSD	65.212	19.959	47.247	63.184	81.283	29.305	.79245	35.540

#1	.00060	-.00350	.00148	.00262	-.00037	.03193	.07042	-.00008
#2	.00163	-.00465	.00074	.00686	-.00138	.02097	.06964	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	123.24	.00407	-.00069	.00082	-.02585	-.00003	.26838
Stddev	.00006	.26	.00011	.00008	.00006	.01917	.00009	.04693
%RSD	16.963	.21105	2.7271	11.959	6.7678	74.177	351.35	17.485

#1	-.00033	123.06	.00399	-.00074	.00086	-.01229	.00004	.23520
#2	-.00041	123.43	.00415	-.00063	.00078	-.03941	-.00009	.30156

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00041	272.72	.00091	.00576	.76157	.00031	.01967
Stddev	.00039	.00009	.10	.00020	.00017	.02939	.00002	.00411
%RSD	20.488	21.574	.03834	22.310	2.9165	3.8596	7.4741	20.883

#1	-.00220	-.00035	272.80	.00105	.00564	.74079	.00029	.02258
#2	-.00164	-.00047	272.65	.00077	.00588	.78235	.00032	.01677

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4327	4.2512	.00084	-.00119	.01487	-.0016	.99380	6.8331
Stddev	.0031	.0393	.00037	.00004	.01382	.0004	.00223	.6019
%RSD	.12808	.92536	44.147	3.3924	92.957	25.06	.22396	8.8080

#1	2.4349	4.2234	.00111	-.00117	.00510	-.0013	.99537	7.2586
#2	2.4305	4.2790	.00058	-.00122	.02465	-.0019	.99223	6.4075

Sample Name: J5068-26 Acquired: 9/25/2018 21:32:24 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-WAL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1733
 Stddev .3352
 %RSD 15.422

#1 1.9363
 #2 2.4103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.6	46596.	4180.8	99.743	3137.1
Stddev	1.9	305.	.8	1.535	5.2
%RSD	.09546	.65425	.01845	1.5388	.16421

#1	2040.2	46381.	4181.4	98.657	3140.7
#2	2043.0	46812.	4180.3	100.83	3133.4

Sample Name: J5072-07 Acquired: 9/25/2018 21:40:39 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.00201	-.00211	.00118	-.00097	.01807	.07044	-.00005
Stddev	.00046	.00240	.00079	.00325	.00170	.00715	.00051	.00007
%RSD	16.713	119.42	37.463	275.39	175.19	39.544	.72420	155.76

#1	.00306	-.00370	-.00155	-.00112	-.00218	.01302	.07008	.00000
#2	.00241	-.00031	-.00267	.00348	.00023	.02312	.07080	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	9.6428	.00024	.00003	.00112	.01897	.11613	2.1366
Stddev	.00006	.0509	.00046	.00015	.00064	.01749	.00027	.0121
%RSD	194.42	.52804	190.02	580.84	57.116	92.199	.23086	.56492

#1	.00001	9.6068	.00056	-.00008	.00067	.00660	.11594	2.1452
#2	-.00007	9.6788	-.00008	.00013	.00157	.03134	.11632	2.1281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00043	.00004	8.5564	.00014	.02435	1.0022	.00109	.03061
Stddev	.00021	.00056	.0301	.00006	.00036	.0159	.00016	.00275
%RSD	50.077	1387.8	.35114	46.101	1.4883	1.5868	14.332	8.9998

#1	.00028	.00044	8.5351	.00018	.02460	.99093	.00120	.03255
#2	.00058	-.00036	8.5776	.00009	.02409	1.0134	.00098	.02866

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67104	1.6324	-.00065	.00054	-.01375	.0074	.05980	.74522
Stddev	.00253	.0006	.00092	.00031	.00531	.0016	.00001	.24738
%RSD	.37729	.03990	140.02	56.912	38.594	21.89	.01167	33.196

#1	.67283	1.6329	-.00130	.00075	-.00999	.0085	.05981	.57029
#2	.66925	1.6320	-.00001	.00032	-.01750	.0062	.05980	.92014

Sample Name: J5072-07 Acquired: 9/25/2018 21:40:39 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-9 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2036
 Stddev .5687
 %RSD 47.255

#1 1.6057
 #2 .80141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.6	50205.	4232.1	103.63	3595.5
Stddev	7.4	79.	.9	1.90	12.8
%RSD	.34053	.15754	.02201	1.8327	.35600

#1	2153.4	50149.	4231.4	102.29	3586.4
#2	2163.8	50261.	4232.7	104.97	3604.5

Sample Name: CCV13 Acquired: 9/25/2018 21:44:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113200TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9496	5.0070	4.9936	5.0570	5.1910	10.386	9.5375	.25209
Stddev	.0038	.0099	.0018	.0196	.0175	.056	.0218	.00074
%RSD	.07755	.19778	.03678	.38806	.33610	.54239	.22865	.29325

#1	4.9523	5.0000	4.9923	5.0432	5.1786	10.426	9.5221	.25157
#2	4.9469	5.0140	4.9949	5.0709	5.2033	10.346	9.5529	.25262

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5321	24.918	1.0070	2.4937	1.2687	5.0444	2.5274	24.572
Stddev	.0005	.051	.0007	.0013	.0041	.0074	.0020	.085
%RSD	.01959	.20277	.06751	.05259	.32649	.14616	.07925	.34389

#1	2.5325	24.882	1.0075	2.4928	1.2658	5.0391	2.5260	24.512
#2	2.5318	24.954	1.0065	2.4946	1.2716	5.0496	2.5289	24.631

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4789	1.2345	26.772	2.5163	2.4968	24.851	5.0076	4.9350
Stddev	.0024	.0008	.089	.0007	.0336	.127	.0225	.0169
%RSD	.09847	.06161	.33137	.02708	1.3441	.51263	.44943	.34327

#1	2.4772	1.2351	26.709	2.5159	2.4731	24.761	4.9916	4.9230
#2	2.4806	1.2340	26.834	2.5168	2.5205	24.941	5.0235	4.9470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0834	4.7216	4.9261	5.0285	F 4.4712	5.034	5.1371	F 2.4020
Stddev	.0017	.0520	.0234	.0030	.0077	.010	.0164	.0847
%RSD	.03328	1.1024	.47598	.06046	.17253	.2064	.31964	3.5269

#1	5.0822	4.6848	4.9096	5.0264	4.4658	5.027	5.1255	2.4619
#2	5.0846	4.7584	4.9427	5.0307	4.4767	5.042	5.1487	2.3421

Sample Name: CCV13 Acquired: 9/25/2018 21:44:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113200TB Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4289
Stddev	.2505
%RSD	7.3050

#1	3.2518
#2	3.6060

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.3	49114.	4199.1	101.13	3340.2
Stddev	2.0	168.	17.9	1.25	5.6
%RSD	.09375	.34219	.42544	1.2398	.16734

#1	2174.7	48995.	4211.7	102.01	3336.3
#2	2171.8	49233.	4186.4	100.24	3344.2

Sample Name: CCB13 Acquired: 9/25/2018 21:48:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	.00213	-.00223	-.00132	.00062	.00526	.00193
Stddev	.00192	.00066	.00028	.00022	.00070	.00573	.00035
%RSD	78.577	30.811	12.374	16.553	113.01	108.98	18.297

#1	.00379	.00260	-.00204	-.00116	.00013	.00931	.00168
#2	.00108	.00167	-.00243	-.00147	.00112	.00121	.00218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00001	.00027	-.00045	.00016	.00022	.00288
Stddev	.00009	.00011	.00826	.00039	.00016	.00005	.00510
%RSD	390.90	1010.3	3033.1	86.728	97.395	21.103	176.98

#1	-.00004	-.00009	-.00557	-.00072	.00005	.00019	.00649
#2	.00009	.00007	.00611	-.00017	.00027	.00025	-.00073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.06535	.00007	-.00020	-.82919	.00046	-.00193
Stddev	.00008	.04318	.00004	.00007	.01872	.00030	.00013
%RSD	39.234	66.075	53.513	32.962	2.2574	65.120	6.6776

#1	-.00014	-.09588	.00004	-.00025	-.84243	.00025	-.00184
#2	-.00025	-.03482	.00009	-.00015	-.81596	.00067	-.00202

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12340	.00071	.00709	-.00769	-.00048	-.00096	.00230
Stddev	.01344	.00028	.00154	.00317	.00048	.00070	.00051
%RSD	10.892	38.759	21.747	41.206	100.23	72.421	22.153

#1	-.13290	.00091	.00819	-.00545	-.00082	-.00145	.00266
#2	-.11389	.00052	.00600	-.00994	-.00014	-.00047	.00194

Sample Name: CCB13 Acquired: 9/25/2018 21:48:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FT Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.03497	.0002	.00005	F .27595	F 1.1327
Stddev	.00669	.0006	.00014	.08498	.3388
%RSD	19.121	259.9	284.44	30.795	29.910

#1	-.03970	.0006	.00014	.21586	1.3723
#2	-.03024	-.0002	-.00005	.33603	.89314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.4	50830.	4202.6	103.43	3736.2
Stddev	.3	207.	22.0	2.96	4.5
%RSD	.01424	.40703	.52289	2.8579	.11916

#1	2240.2	50684.	4218.1	101.34	3739.4
#2	2240.7	50976.	4187.0	105.52	3733.1

Sample Name: J5072-08 Acquired: 9/25/2018 21:52:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00277	-.00206	.00321	.00047	.03252	.06007	-.00015
Stddev	.00340	.00121	.00066	.00136	.00070	.01670	.00043	.00001
%RSD	560.38	43.721	31.940	42.214	148.18	51.347	.71473	9.1334

#1	-.00179	-.00191	-.00252	.00417	-.00002	.04432	.06038	-.00015
#2	.00301	-.00362	-.00159	.00225	.00097	.02071	.05977	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	14.260	-.00003	.00009	.00492	.02434	.01620	5.9074
Stddev	.00003	.096	.00014	.00006	.00021	.01616	.00004	.0890
%RSD	5.6825	.67378	558.50	69.862	4.3525	66.408	.22885	1.5062

#1	.00064	14.328	.00007	.00014	.00477	.01291	.01622	5.8445
#2	.00059	14.192	-.00012	.00005	.00507	.03577	.01617	5.9703

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00014	46.813	.00056	.03793	2.6005	.00445	.04947
Stddev	.00012	.00054	.255	.00052	.00109	.0092	.00048	.00416
%RSD	25.148	376.03	.54402	91.650	2.8778	.35359	10.783	8.4118

#1	.00056	.00024	46.633	.00093	.03716	2.6070	.00479	.05241
#2	.00039	-.00053	46.993	.00020	.03870	2.5940	.00411	.04652

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4005	1.4697	-.00118	.00150	.00912	.0133	.14476	1.5905
Stddev	.0101	.0260	.00016	.00044	.00332	.0045	.00142	.8396
%RSD	.23062	1.7689	13.955	29.059	36.359	33.70	.97905	52.790

#1	4.4076	1.4513	-.00129	.00181	.01147	.0101	.14576	2.1842
#2	4.3933	1.4880	-.00106	.00119	.00678	.0165	.14376	.99679

Sample Name: J5072-08 Acquired: 9/25/2018 21:52:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-8 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4577
Stddev .2943
%RSD 20.192

#1 1.6658
#2 1.2496

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.6	48986.	4219.8	103.30	3469.3
Stddev	17.0	225.	6.2	1.95	22.6
%RSD	.79870	.45953	.14773	1.8924	.65191

#1	2111.6	48827.	4224.2	104.68	3453.3
#2	2135.6	49145.	4215.3	101.92	3485.3

Sample Name: J5072-09 Acquired: 9/25/2018 21:56:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00508	-.00035	-.00224	.00102	.00087	.01808	.08747	-.00008
Stddev	.00082	.00030	.00063	.00021	.00068	.00102	.00018	.00012
%RSD	16.175	85.965	28.229	20.397	78.081	5.6518	.20796	160.72

#1	.00450	-.00014	-.00179	.00116	.00039	.01736	.08760	.00001
#2	.00566	-.00056	-.00268	.00087	.00134	.01881	.08734	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	9.5326	-.00001	-.00009	.00784	.02902	.12458	2.0362
Stddev	.00002	.0486	.00094	.00007	.00040	.00415	.00017	.0020
%RSD	8.1996	.50961	7757.4	72.158	5.1303	14.290	.13577	.09953

#1	-.00018	9.5670	-.00068	-.00005	.00813	.02608	.12446	2.0376
#2	-.00020	9.4983	.00065	-.00014	.00756	.03195	.12470	2.0347

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00011	9.2829	.00006	.03157	.97841	.00099	.04886
Stddev	.00029	.00023	.0522	.00025	.00010	.00048	.00003	.02438
%RSD	59.334	199.95	.56195	388.33	.32095	.04953	3.4384	49.898

#1	.00070	.00005	9.2460	.00024	.03150	.97807	.00097	.06611
#2	.00029	-.00028	9.3198	-.00011	.03164	.97875	.00101	.03162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58724	1.6217	-.00004	.00052	-.00285	.0084	.05809	.30386
Stddev	.00339	.0027	.00047	.00027	.00342	.0011	.00018	.28992
%RSD	.57646	.16948	1124.8	50.780	120.23	12.52	.30288	95.412

#1	.58484	1.6236	-.00038	.00071	-.00527	.0077	.05821	.50886
#2	.58963	1.6197	.00029	.00034	-.00043	.0092	.05797	.09886

Sample Name: J5072-09 Acquired: 9/25/2018 21:56:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2745
Stddev	.3389
%RSD	26.588

#1	1.0349
#2	1.5141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.8	50151.	4228.1	104.42	3606.0
Stddev	13.7	168.	.2	.08	20.5
%RSD	.63442	.33402	.00371	.07797	.56835

#1	2147.1	50033.	4228.0	104.36	3591.5
#2	2166.5	50270.	4228.2	104.48	3620.5

Sample Name: J5072-10 Acquired: 9/25/2018 22:00:41 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00039	-.00284	.00374	-.00121	.01291	.17525	-.00007
Stddev	.00088	.00087	.00019	.00095	.00005	.00865	.00012	.00022
%RSD	33.389	224.78	6.5297	25.421	4.3960	67.005	.06772	306.40

#1	.00201	.00023	-.00271	.00441	-.00125	.00679	.17534	-.00023
#2	.00325	-.00100	-.00297	.00306	-.00118	.01903	.17517	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	8.5367	.00004	.00031	.00046	.32092	.11213	1.9156
Stddev	.00004	.0433	.00052	.00022	.00016	.01372	.00121	.0795
%RSD	45.405	.50672	1423.8	71.502	35.439	4.2762	1.0781	4.1473

#1	-.00007	8.5061	.00041	.00015	.00058	.31121	.11298	1.9718
#2	-.00013	8.5673	-.00033	.00047	.00035	.33062	.11128	1.8594

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	-.00044	9.9981	.00010	.05836	1.9046	.00355	.03539
Stddev	.00037	.00023	.0547	.00048	.00111	.0257	.00030	.00137
%RSD	23.571	51.584	.54742	500.35	1.9064	1.3475	8.4522	3.8611

#1	.00182	-.00028	10.037	-.00025	.05915	1.8865	.00377	.03636
#2	.00130	-.00060	9.9594	.00044	.05757	1.9228	.00334	.03442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24406	.93052	-.00007	.00347	.00231	.0057	.10807	.70694
Stddev	.00028	.02835	.00008	.00042	.00796	.0016	.00006	.00533
%RSD	.11397	3.0467	102.53	12.227	344.06	27.52	.05271	.75460

#1	.24426	.95057	-.00013	.00317	-.00332	.0068	.10811	.70316
#2	.24387	.91048	-.00002	.00377	.00794	.0046	.10803	.71071

Sample Name: J5072-10 Acquired: 9/25/2018 22:00:41 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2342
Stddev .1197
%RSD 9.7024

#1 1.1495
#2 1.3188

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.5	50115.	4240.5	102.88	3598.3
Stddev	5.7	139.	43.6	1.85	20.0
%RSD	.26387	.27725	1.0292	1.7995	.55520

#1	2148.4	50017.	4209.6	101.57	3584.2
#2	2156.5	50213.	4271.3	104.18	3612.4

Sample Name: J5072-11 Acquired: 9/25/2018 22:04:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-726 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	-.00122	-.00206	.00168	.00019	.02024	.07184	-.00022
Stddev	.00165	.00117	.00059	.00010	.00083	.00274	.00022	.00007
%RSD	28.640	96.031	28.741	6.0640	425.51	13.540	.31304	30.906

#1	.00694	-.00205	-.00248	.00175	.00078	.01830	.07168	-.00027
#2	.00460	-.00039	-.00164	.00161	-.00039	.02218	.07200	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	10.693	.00013	-.00004	.00043	.02805	.17724	2.3609
Stddev	.00002	.007	.00019	.00024	.00017	.00653	.00080	.0582
%RSD	11.524	.06450	145.97	537.04	40.603	23.264	.45135	2.4643

#1	-.00016	10.698	-.00000	-.00021	.00055	.02344	.17668	2.4020
#2	-.00013	10.688	.00026	.00012	.00031	.03267	.17781	2.3198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00026	10.640	.00032	.01925	1.4727	.00077	.03422
Stddev	.00034	.00013	.046	.00004	.00022	.0323	.00003	.00286
%RSD	184.79	48.693	.43481	13.724	1.1492	2.1917	3.4934	8.3474

#1	.00043	-.00035	10.607	.00035	.01941	1.4499	.00079	.03624
#2	-.00006	-.00017	10.673	.00029	.01910	1.4956	.00075	.03220

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36823	1.7226	-.00098	.00015	-.02551	.0217	.07257	.24214
Stddev	.00212	.0213	.00032	.00122	.00927	.0016	.00047	.73966
%RSD	.57613	1.2384	33.145	814.30	36.359	7.368	.64220	305.47

#1	.36973	1.7075	-.00075	-.00071	-.03206	.0206	.07224	.76516
#2	.36673	1.7376	-.00121	.00101	-.01895	.0228	.07290	-.28088

Sample Name: J5072-11 Acquired: 9/25/2018 22:04:45 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-726 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.59729
Stddev	.00192
%RSD	.32096

#1	.59593
#2	.59865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.6	50357.	4251.3	104.65	3601.6
Stddev	11.4	120.	5.7	1.58	14.1
%RSD	.52915	.23837	.13379	1.5086	.39288

#1	2153.5	50272.	4255.3	103.53	3591.6
#2	2169.7	50442.	4247.2	105.77	3611.6

Sample Name: J5072-12 Acquired: 9/25/2018 22:08:48 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MH-725 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00458	-.00027	-.00285	.00224	-.00084	.00656	.09717	-.00007
Stddev	.00119	.00068	.00008	.00083	.00134	.00368	.00069	.00008
%RSD	26.028	255.05	2.8914	37.032	159.17	56.128	.71092	114.34

#1	.00542	.00022	-.00279	.00166	.00011	.00395	.09668	-.00001
#2	.00374	-.00075	-.00291	.00283	-.00178	.00916	.09766	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	12.323	-.00065	.00019	.00146	.04417	.10105	2.1160
Stddev	.00007	.040	.00040	.00010	.00023	.00250	.00038	.0208
%RSD	61.514	.32126	61.388	53.698	15.431	5.6640	.37627	.98076

#1	-.00017	12.295	-.00093	.00012	.00130	.04594	.10132	2.1306
#2	-.00007	12.351	-.00037	.00026	.00162	.04241	.10078	2.1013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00000	12.905	.00047	.02558	1.5611	.00149	.04299
Stddev	.00026	.00009	.024	.00074	.00026	.0002	.00003	.00133
%RSD	445.35	10090.	.18266	159.02	1.0326	.01110	2.2661	3.0887

#1	-.00024	.00006	12.921	-.00006	.02577	1.5610	.00146	.04206
#2	.00013	-.00006	12.888	.00099	.02539	1.5613	.00151	.04393

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65461	1.8765	-.00111	.00115	-.00136	.0994	.08838	1.0501
Stddev	.00236	.0180	.00106	.00218	.01969	.0011	.00014	.2675
%RSD	.36014	.95856	95.662	188.57	1442.9	1.153	.16227	25.477

#1	.65294	1.8892	-.00036	-.00038	-.01529	.1003	.08828	.86090
#2	.65627	1.8638	-.00187	.00269	.01256	.0986	.08848	1.2392

Sample Name: J5072-12 Acquired: 9/25/2018 22:08:48 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MH-725 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2663
Stddev	.2325
%RSD	18.357

#1	1.1020
#2	1.4307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.9	49776.	4208.6	102.73	3598.2
Stddev	6.7	149.	26.6	1.44	10.4
%RSD	.30968	.30010	.63234	1.3985	.28806

#1	2150.2	49671.	4189.8	101.72	3590.9
#2	2159.7	49882.	4227.5	103.75	3605.6

Sample Name: J4775-10 Acquired: 9/25/2018 22:12:52 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.00061	.00278	.00413	-.00034	.17792	.10648	-.00002
Stddev	.00001	.00061	.00019	.00048	.00040	.00068	.00033	.00008
%RSD	.50459	100.80	6.7603	11.532	118.95	.38156	.30831	338.53

#1	-.00145	-.00104	.00265	.00447	-.00005	.17744	.10625	-.00008
#2	-.00144	-.00017	.00292	.00379	-.00063	.17840	.10671	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	19.284	-.00018	.00364	.00594	.50839	.74367	1.9006
Stddev	.00001	.080	.00025	.00025	.00022	.00464	.00165	.0646
%RSD	70.453	.41425	142.61	6.8885	3.6958	.91308	.22206	3.3999

#1	.00003	19.227	.00000	.00346	.00579	.51167	.74250	1.9463
#2	.00001	19.340	-.00035	.00381	.00610	.50510	.74484	1.8549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	-.00028	296.54	-.00039	.02556	.72104	.00013	.01041
Stddev	.00032	.00033	1.59	.00064	.00038	.02417	.00025	.00997
%RSD	31.587	117.43	.53637	164.45	1.4918	3.3525	192.08	95.743

#1	.00079	-.00005	297.67	.00006	.02583	.73814	-.00005	.00336
#2	.00125	-.00051	295.42	-.00085	.02529	.70395	.00031	.01746

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24302	.59021	.00228	.00803	-.01481	.0087	.04983	3.8992
Stddev	.00460	.00196	.00067	.00132	.00561	.0018	.00030	.5177
%RSD	1.8913	.33273	29.520	16.466	37.877	20.97	.60008	13.278

#1	.24627	.58882	.00180	.00709	-.01877	.0074	.04962	4.2652
#2	.23977	.59160	.00276	.00896	-.01084	.0100	.05004	3.5331

Sample Name: J4775-10 Acquired: 9/25/2018 22:12:52 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8679
 Stddev .4416
 %RSD 15.398

#1 2.5556
 #2 3.1802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.6	47074.	4219.6	100.88	3233.8
Stddev	2.3	95.	17.8	1.67	3.6
%RSD	.10851	.20167	.42160	1.6509	.11023

#1	2087.0	47007.	4207.1	99.705	3231.3
#2	2090.2	47141.	4232.2	102.06	3236.3

Sample Name: J4775-12 Acquired: 9/25/2018 22:17:02 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	-.00192	.00697	.00389	-.00013	.08968	.11027	-.00003
Stddev	.00005	.00114	.00012	.00092	.00115	.00393	.00054	.00012
%RSD	3.0953	59.258	1.7715	23.689	908.39	4.3836	.49220	393.15

#1	-.00152	-.00111	.00688	.00324	.00069	.09245	.10988	-.00012
#2	-.00145	-.00272	.00706	.00454	-.00094	.08690	.11065	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	17.503	-.00062	.00329	.00563	.15623	.86941	1.8640
Stddev	.00009	.083	.00059	.00003	.00035	.01206	.00110	.0064
%RSD	32.934	.47572	94.821	.79641	6.1740	7.7216	.12660	.34126

#1	.00020	17.444	-.00021	.00331	.00539	.14770	.87018	1.8595
#2	.00033	17.562	-.00104	.00327	.00588	.16476	.86863	1.8685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	-.00031	345.31	-.00081	.02932	.72394	.00005	.00358
Stddev	.00003	.00085	2.98	.00035	.00003	.01047	.00003	.01082
%RSD	3.6165	279.61	.86305	43.551	.09751	1.4468	50.397	302.48

#1	.00090	-.00091	343.20	-.00106	.02934	.73135	.00004	-.00407
#2	.00094	.00030	347.42	-.00056	.02930	.71654	.00007	.01123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40416	.57089	.00253	.00169	-.01452	.0104	.05277	4.5775
Stddev	.00273	.00129	.00044	.00106	.00849	.0002	.00003	.1722
%RSD	.67462	.22594	17.557	62.788	58.504	2.088	.06242	3.7615

#1	.40223	.56998	.00221	.00243	-.00851	.0105	.05275	4.6993
#2	.40609	.57181	.00284	.00094	-.02053	.0102	.05279	4.4558

Sample Name: J4775-12 Acquired: 9/25/2018 22:17:02 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-092418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8726
 Stddev .7199
 %RSD 25.062

#1 3.3817
 #2 2.3636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.4	46907.	4189.6	100.06	3157.7
Stddev	4.3	139.	6.4	.51	4.4
%RSD	.20975	.29598	.15290	.50751	.14053

#1	2046.4	46808.	4185.1	100.42	3154.6
#2	2052.5	47005.	4194.1	99.704	3160.8

Sample Name: J4779-06 Acquired: 9/25/2018 22:21:13 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00316	.00477	.00446	-.00075	1.2691	.14147	.00002
Stddev	.00476	.00096	.00030	.00596	.00118	.0030	.00039	.00016
%RSD	249.50	30.371	6.2203	133.66	155.95	.23598	.27746	776.68

#1	-.00146	-.00248	.00456	.00867	-.00158	1.2712	.14174	-.00009
#2	.00528	-.00384	.00498	.00024	.00008	1.2669	.14119	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	19.615	.00076	.00650	.00788	1.2043	1.1521	3.5263
Stddev	.00007	.030	.00006	.00002	.00015	.0029	.0004	.0233
%RSD	57.436	.15128	7.8743	.32521	1.9039	.23808	.03065	.66150

#1	.00018	19.636	.00080	.00649	.00778	1.2064	1.1518	3.5428
#2	.00008	19.594	.00071	.00652	.00799	1.2023	1.1523	3.5098

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	.00037	326.72	.00176	.03970	.75901	.00004	.02806
Stddev	.00073	.00038	.03	.00007	.00024	.01577	.00014	.00479
%RSD	16.613	102.24	.01047	3.7292	.61416	2.0771	319.49	17.078

#1	.00488	.00063	326.74	.00172	.03987	.74786	.00014	.02467
#2	.00386	.00010	326.69	.00181	.03953	.77016	-.00006	.03145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29086	2.7692	.00132	.05160	.00902	.0218	.09302	3.5985
Stddev	.00720	.0332	.00078	.00181	.00686	.0002	.00018	.2070
%RSD	2.4764	1.2000	59.110	3.5142	76.045	.7943	.19498	5.7518

#1	.28577	2.7927	.00187	.05288	.01387	.0219	.09315	3.7449
#2	.29595	2.7457	.00077	.05032	.00417	.0217	.09289	3.4522

Sample Name: J4779-06 Acquired: 9/25/2018 22:21:13 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4842
 Stddev .4230
 %RSD 12.141

#1 3.1851
 #2 3.7833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.3	47068.	4174.0	98.142	3174.7
Stddev	7.4	174.	29.7	.250	16.8
%RSD	.35777	.36867	.71120	.25435	.52855

#1	2070.5	46945.	4153.0	98.319	3186.6
#2	2060.1	47190.	4195.0	97.966	3162.8

Sample Name: J4779-08 Acquired: 9/25/2018 22:25:22 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	-.00203	.00283	.00386	-.00133	.11191	.14558	.00009
Stddev	.00107	.00203	.00043	.00514	.00178	.00648	.00150	.00015
%RSD	42.324	100.32	15.225	133.18	133.83	5.7932	1.0298	160.62

#1	-.00330	-.00059	.00313	.00749	-.00258	.10733	.14664	.00020
#2	-.00178	-.00346	.00252	.00022	-.00007	.11650	.14452	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	18.309	-.00050	.00222	.00565	.06904	.65538	3.9730
Stddev	.00007	.068	.00016	.00017	.00024	.01075	.00037	.0715
%RSD	308.88	.37246	31.062	7.6947	4.1591	15.566	.05718	1.8005

#1	.00007	18.260	-.00061	.00210	.00582	.06144	.65564	3.9224
#2	-.00003	18.357	-.00039	.00234	.00549	.07664	.65511	4.0236

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	-.00001	287.27	-.00075	.04428	.35123	.00023	.03070
Stddev	.00005	.00044	3.70	.00013	.00154	.01365	.00026	.00885
%RSD	1.9837	4172.3	1.2866	17.021	3.4819	3.8852	112.00	28.839

#1	.00263	-.00032	284.65	-.00066	.04537	.34158	.00041	.03696
#2	.00270	.00030	289.88	-.00084	.04319	.36088	.00005	.02444

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29502	1.2360	.00149	.00570	.00754	.0077	.08948	4.3329
Stddev	.00029	.0089	.00002	.00152	.00198	.0004	.00009	.2889
%RSD	.09728	.72352	1.5300	26.729	26.234	5.573	.10093	6.6671

#1	.29522	1.2423	.00151	.00678	.00614	.0080	.08955	4.5371
#2	.29482	1.2297	.00148	.00462	.00894	.0074	.08942	4.1286

Sample Name: J4779-08 Acquired: 9/25/2018 22:25:22 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-092418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7150
 Stddev .0327
 %RSD 1.2038

#1 2.6918
 #2 2.7381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.6	47169.	4174.1	99.555	3200.4
Stddev	4.6	185.	8.0	3.158	5.2
%RSD	.22421	.39299	.19251	3.1725	.16092

#1	2059.4	47038.	4168.4	97.322	3196.8
#2	2065.9	47300.	4179.7	101.79	3204.1

Sample Name: J4779-10 Acquired: 9/25/2018 22:29:32 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-3A-092418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00488	-.00439	.00841	.00265	-.00086	.08623	.13577	.00002
Stddev	.00083	.00235	.00070	.00175	.00095	.01782	.00047	.00003
%RSD	17.021	53.456	8.3090	66.173	110.26	20.666	.34932	137.14

#1	.00547	-.00605	.00891	.00141	-.00154	.09883	.13611	.00005
#2	.00429	-.00273	.00792	.00388	-.00019	.07363	.13544	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	8.8996	-.00083	.00930	.01091	2.0042	1.1394	1.0262
Stddev	.00012	.0375	.00061	.00008	.00002	.0228	.0011	.0202
%RSD	76.445	.42176	73.108	.81782	.15060	1.1394	.09589	1.9637

#1	.00007	8.9261	-.00126	.00924	.01092	1.9880	1.1387	1.0120
#2	.00023	8.8730	-.00040	.00935	.01090	2.0203	1.1402	1.0405

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	.00029	289.55	-.00076	.06322	.76800	-.00008	.01822
Stddev	.00039	.00064	.55	.00003	.00127	.00057	.00027	.01375
%RSD	10.943	216.04	.18973	3.9519	2.0085	.07384	332.59	75.431

#1	.00333	-.00016	289.16	-.00078	.06233	.76760	.00011	.02794
#2	.00389	.00074	289.94	-.00074	.06412	.76840	-.00027	.00850

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17974	.65231	.00308	.00180	-.01323	.0097	.05995	3.0343
Stddev	.00633	.00335	.00076	.00009	.01521	.0007	.00022	.2094
%RSD	3.5241	.51295	24.814	5.0650	114.94	6.993	.36357	6.8998

#1	.18422	.64995	.00254	.00187	-.00248	.0102	.05980	3.1824
#2	.17526	.65468	.00362	.00174	-.02398	.0092	.06011	2.8863

Sample Name: J4779-10 Acquired: 9/25/2018 22:29:32 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-3A-092418 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.4524
Stddev	.1404
%RSD	4.0669

#1	3.3531
#2	3.5517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.8	47295.	4232.6	103.23	3220.4
Stddev	21.8	156.	14.4	1.14	30.0
%RSD	1.0511	.32936	.33922	1.1079	.93193

#1	2056.4	47185.	4242.7	104.03	3199.2
#2	2087.2	47405.	4222.4	102.42	3241.7

Sample Name: CCV14 Acquired: 9/25/2018 22:33:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FTDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1835	5.2099	5.2228	5.2695	5.3975	10.738	9.8426	.26043
Stddev	.0009	.0220	.0235	.0183	.0075	.077	.0745	.00102
%RSD	.01670	.42287	.44969	.34761	.13806	.71625	.75737	.39059
#1	5.1828	5.1943	5.2062	5.2825	5.4028	10.684	9.8953	.26115
#2	5.1841	5.2255	5.2394	5.2565	5.3922	10.793	9.7898	.25971
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6429	25.795	1.0415	2.5965	1.3271	5.2879	2.6157	25.325
Stddev	.0099	.069	.0029	.0087	.0026	.0947	.0029	.073
%RSD	.37380	.26839	.27719	.33409	.19645	1.7910	.11176	.28762
#1	2.6359	25.844	1.0435	2.5903	1.3290	5.3549	2.6177	25.273
#2	2.6499	25.746	1.0394	2.6026	1.3253	5.2209	2.6136	25.376
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5789	1.2799	25.380	2.6138	2.6236	25.569	5.2371	5.1049
Stddev	.0080	.0073	.211	.0025	.0424	.179	.0008	.0092
%RSD	.31221	.57294	.83313	.09573	1.6172	.70049	.01560	.17956
#1	2.5732	1.2851	25.530	2.6156	2.6536	25.695	5.2377	5.1113
#2	2.5846	1.2747	25.231	2.6121	2.5936	25.442	5.2365	5.0984
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0972	4.9347	5.1234	5.2493	4.5922	5.231	5.3058	F 1.8099
Stddev	.0335	.0591	.0187	.0175	.0000	.010	.0411	.0043
%RSD	.65654	1.1970	.36441	.33254	.00038	.1907	.77445	.23566
#1	5.0736	4.9765	5.1102	5.2616	4.5922	5.223	5.3348	1.8130
#2	5.1209	4.8929	5.1366	5.2369	4.5922	5.238	5.2767	1.8069

Sample Name: CCV14 Acquired: 9/25/2018 22:33:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FTDUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5820
Stddev .3616
%RSD 10.095

#1 3.3263
#2 3.8376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.9	49425.	4220.2	99.945	3325.3
Stddev	5.9	17.	34.9	1.807	5.0
%RSD	.27262	.03409	.82634	1.8076	.15009

#1	2152.8	49413.	4195.5	98.668	3328.8
#2	2161.1	49437.	4244.8	101.22	3321.8

Sample Name: CCB14 Acquired: 9/25/2018 22:37:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FTMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00649	.00081	-.00163	-.00395	-.00083	.00389	.00250
Stddev	.00172	.00050	.00113	.00056	.00137	.00537	.00014
%RSD	26.592	62.230	69.520	14.255	165.19	137.88	5.4872

#1	.00527	.00116	-.00083	-.00355	.00014	.00769	.00241
#2	.00771	.00045	-.00243	-.00434	-.00180	.00010	.00260

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00003	-.01469	-.00055	-.00000	.00003	.01287
Stddev	.00003	.00005	.01123	.00025	.00013	.00040	.01696
%RSD	69.112	191.53	76.503	46.437	26161.	1408.4	131.76

#1	.00007	.00001	-.02263	-.00037	.00009	-.00025	.02487
#2	.00002	-.00006	-.00674	-.00072	-.00009	.00031	.00088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00549	.00041	-.00028	-.80369	.00019	-.00199
Stddev	.00000	.02679	.00006	.00019	.01787	.00034	.00008
%RSD	1.0938	487.60	13.679	68.401	2.2239	182.48	4.0906

#1	-.00018	.02444	.00045	-.00014	-.81633	.00043	-.00204
#2	-.00018	-.01345	.00037	-.00041	-.79105	-.00005	-.00193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11039	.00125	-.00438	-.00660	-.00314	-.00090	.00231
Stddev	.00049	.00018	.00052	.00017	.00172	.00003	.00072
%RSD	.44484	14.239	11.945	2.5228	54.695	3.7158	31.362

#1	-.11074	.00112	-.00475	-.00671	-.00436	-.00088	.00180
#2	-.11004	.00138	-.00401	-.00648	-.00193	-.00093	.00282

Sample Name: CCB14 Acquired: 9/25/2018 22:37:28 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FTMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02501	-.0010	.00004	F .28862	F 1.1949
Stddev	.01007	.0004	.00002	.32496	.2185
%RSD	40.266	34.23	56.192	112.59	18.288

#1	-.03213	-.0013	.00006	.51840	1.3494
#2	-.01789	-.0008	.00002	.05884	1.0404

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.0	50667.	4201.2	102.92	3714.6
Stddev	15.8	131.	24.2	.45	23.6
%RSD	.71210	.25778	.57601	.43358	.63521

#1	2209.8	50575.	4184.0	103.23	3697.9
#2	2232.2	50759.	4218.3	102.60	3731.2

Sample Name: J5055-07 Acquired: 9/25/2018 22:41:35 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00191	.00140	.00398	.00060	.40031	.09393	.00002
Stddev	.00209	.00020	.00021	.00631	.00083	.00180	.00029	.00003
%RSD	112.45	10.285	15.054	158.68	138.87	.44968	.30638	132.58

#1	.00334	-.00205	.00125	-.00049	.00118	.39904	.09372	.00000
#2	.00038	-.00177	.00155	.00844	.00001	.40158	.09413	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	14.859	-.00046	.00508	.00660	.38289	.50426	.79010
Stddev	.00006	.034	.00054	.00023	.00056	.01088	.00176	.04268
%RSD	186.12	.22950	116.72	4.4743	8.4774	2.8407	.34807	5.4023

#1	-.00001	14.835	-.00084	.00492	.00620	.37519	.50302	.82028
#2	.00008	14.883	-.00008	.00525	.00699	.39058	.50550	.75992

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00240	.00049	316.19	.00075	.02046	.87640	.00022	-.00205
Stddev	.00009	.00003	3.00	.00030	.00037	.00542	.00028	.00079
%RSD	3.7429	5.2773	.94848	40.042	1.8143	.61798	127.33	38.632

#1	.00234	.00051	314.07	.00054	.02019	.87258	.00042	-.00260
#2	.00247	.00048	318.31	.00096	.02072	.88023	.00002	-.00149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43478	.87366	.00086	.01709	-.00984	.0126	.04416	4.3914
Stddev	.00538	.00068	.00071	.00123	.00970	.0019	.00007	.2751
%RSD	1.2372	.07730	82.714	7.1947	98.643	15.06	.15046	6.2639

#1	.43859	.87318	.00136	.01622	-.01670	.0113	.04412	4.1969
#2	.43098	.87414	.00036	.01796	-.00298	.0140	.04421	4.5859

Sample Name: J5055-07 Acquired: 9/25/2018 22:41:35 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4874
 Stddev .3251
 %RSD 13.071

#1 2.2575
 #2 2.7173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.7	46864.	4164.4	100.29	3172.9
Stddev	4.6	25.	26.0	1.93	1.6
%RSD	.22330	.05329	.62408	1.9293	.05002

#1	2047.4	46846.	4182.8	101.66	3171.8
#2	2053.9	46882.	4146.1	98.923	3174.0

Sample Name: J5055-11 Acquired: 9/25/2018 22:45:45 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00291	.00091	.00609	-.00025	.10065	.11416	-.00005
Stddev	.00019	.00114	.00082	.00003	.00000	.01386	.00003	.00006
%RSD	36.834	39.198	89.976	.47663	1.5577	13.768	.02315	130.71

#1	.00038	-.00372	.00150	.00607	-.00025	.09086	.11418	-.00000
#2	.00065	-.00210	.00033	.00611	-.00024	.11045	.11414	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	5.1817	-.00019	.00212	.00359	.08282	.42324	.54946
Stddev	.00004	.0659	.00052	.00002	.00011	.00578	.00102	.00583
%RSD	468.22	1.2724	276.12	1.0300	3.0606	6.9744	.24202	1.0608

#1	-.00003	5.1351	.00018	.00210	.00367	.08691	.42252	.54534
#2	.00002	5.2283	-.00056	.00213	.00351	.07874	.42396	.55358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00048	293.97	-.00035	.01481	.27964	.00005	-.00930
Stddev	.00026	.00006	4.74	.00009	.00013	.01753	.00082	.00745
%RSD	179.60	12.259	1.6138	26.172	.86187	6.2704	1562.0	80.142

#1	-.00004	-.00052	297.32	-.00042	.01490	.26724	-.00053	-.01457
#2	.00032	-.00043	290.61	-.00029	.01472	.29204	.00063	-.00403

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08901	.30262	.00131	.00459	-.01474	.0070	.02215	2.6059
Stddev	.00473	.00108	.00032	.00110	.00228	.0025	.00006	.2822
%RSD	5.3113	.35685	24.635	23.912	15.443	35.37	.26160	10.828

#1	.08567	.30185	.00153	.00537	-.01313	.0052	.02211	2.8054
#2	.09236	.30338	.00108	.00382	-.01635	.0087	.02219	2.4064

Sample Name: J5055-11 Acquired: 9/25/2018 22:45:45 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7073
Stddev .0514
%RSD 1.8981

#1 2.7436
#2 2.6709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.8	47244.	4202.4	101.94	3223.5
Stddev	4.6	177.	46.6	1.11	.5
%RSD	.22343	.37390	1.1095	1.0867	.01553

#1	2067.1	47119.	4169.4	101.15	3223.9
#2	2060.6	47369.	4235.4	102.72	3223.2

Sample Name: J5055-15 Acquired: 9/25/2018 22:49:56 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00365	.00101	.00236	.00014	.12141	.05407	-.00011
Stddev	.00190	.00070	.00017	.00038	.00308	.01633	.00027	.00002
%RSD	1203.1	19.080	17.239	16.167	2265.0	13.448	.50196	16.903

#1	-.00119	-.00315	.00113	.00263	.00232	.10987	.05426	-.00012
#2	.00150	-.00414	.00089	.00209	-.00204	.13296	.05388	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	14.857	-.00009	.00651	.01171	.35471	.27196	.41550
Stddev	.00004	.090	.00035	.00007	.00011	.01172	.00152	.01360
%RSD	65.098	.60672	410.16	1.1470	.92067	3.3046	.55828	3.2734

#1	-.00008	14.793	.00016	.00646	.01178	.34642	.27089	.42512
#2	-.00003	14.921	-.00033	.00657	.01163	.36299	.27303	.40588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00918	.00005	308.37	.00008	.01756	1.7091	.00023	.00597
Stddev	.00011	.00009	1.89	.00069	.00011	.0158	.00044	.00205
%RSD	1.2445	182.14	.61369	818.40	.61567	.92578	188.99	34.239

#1	.00926	.00011	309.70	.00057	.01763	1.7203	-.00008	.00742
#2	.00909	-.00001	307.03	-.00040	.01748	1.6979	.00054	.00453

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44632	.38606	.00197	.00361	.00590	.0052	.03000	3.7712
Stddev	.00393	.00637	.00027	.00287	.00353	.0031	.00012	.2415
%RSD	.87993	1.6512	13.580	79.538	59.881	59.76	.40411	6.4025

#1	.44354	.38155	.00216	.00158	.00340	.0074	.03009	3.6005
#2	.44909	.39056	.00178	.00564	.00840	.0030	.02991	3.9420

Sample Name: J5055-15 Acquired: 9/25/2018 22:49:56 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5577
 Stddev .0448
 %RSD 1.7527

#1 2.5894
 #2 2.5260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.7	47092.	4163.5	99.016	3186.4
Stddev	3.0	28.	.7	.444	1.8
%RSD	.14493	.05849	.01698	.44850	.05569

#1	2051.6	47073.	4163.0	98.702	3187.6
#2	2055.8	47112.	4164.0	99.330	3185.1

Sample Name: J5055-19 Acquired: 9/25/2018 22:54:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	-.00128	.00229	.00331	.00002	.21016	.09942	-.00006
Stddev	.00089	.00131	.00046	.00454	.00047	.00753	.00047	.00009
%RSD	54.435	102.62	20.283	137.29	2241.4	3.5833	.47191	155.61

#1	.00100	-.00221	.00196	.00010	.00035	.21549	.09909	.00001
#2	.00225	-.00035	.00262	.00652	-.00031	.20484	.09975	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	11.837	.00024	.00599	.00405	2.5438	.35876	.42136
Stddev	.00004	.039	.00128	.00024	.00006	.0295	.00029	.00907
%RSD	25.856	.33305	537.79	4.0640	1.4964	1.1594	.08112	2.1523

#1	-.00018	11.865	.00114	.00616	.00401	2.5229	.35897	.42777
#2	-.00012	11.809	-.00066	.00581	.00410	2.5647	.35855	.41495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00425	.00001	316.86	-.00004	.02278	1.5401	.00010	.00972
Stddev	.00004	.00043	.91	.00053	.00021	.0193	.00036	.00292
%RSD	.85330	8573.9	.28625	1339.3	.91717	1.2529	352.89	30.021

#1	.00427	-.00030	316.21	-.00041	.02263	1.5264	-.00015	.00765
#2	.00422	.00031	317.50	.00033	.02293	1.5537	.00036	.01178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28542	.51374	.00202	.00319	-.01526	.0056	.04388	3.1537
Stddev	.00389	.00519	.00015	.00050	.00950	.0004	.00037	.1726
%RSD	1.3621	1.0099	7.2214	15.713	62.234	7.958	.83445	5.4732

#1	.28817	.51007	.00213	.00284	-.02198	.0053	.04414	3.2757
#2	.28267	.51740	.00192	.00355	-.00854	.0059	.04363	3.0316

Sample Name: J5055-19 Acquired: 9/25/2018 22:54:06 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6246
 Stddev .1495
 %RSD 4.1235

#1 3.5189
 #2 3.7303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.3	46976.	4217.3	101.99	3182.2
Stddev	2.5	285.	3.4	.94	.5
%RSD	.12390	.60614	.07987	.92074	.01581

#1	2051.1	46774.	4219.7	102.65	3181.9
#2	2047.5	47177.	4215.0	101.33	3182.6

Sample Name: J5064-04 Acquired: 9/25/2018 22:58:16 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00376	.00106	.00946	-.00213	.03124	.02861	-.00017
Stddev	.00326	.00029	.00063	.00138	.00355	.00612	.00005	.00009
%RSD	1061.0	7.6099	59.069	14.543	166.84	19.580	.18021	49.473

#1	-.00262	-.00396	.00062	.01043	.00038	.03556	.02857	-.00023
#2	.00200	-.00356	.00150	.00849	-.00464	.02691	.02864	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	132.29	.02150	-.00058	.00142	-.02216	-.00006	.09193
Stddev	.00002	.01	.00015	.00019	.00008	.00426	.00004	.04140
%RSD	7.2832	.00498	.71978	33.683	5.6897	19.206	73.677	45.031

#1	-.00028	132.28	.02139	-.00044	.00148	-.01915	-.00003	.12120
#2	-.00031	132.29	.02161	-.00071	.00136	-.02517	-.00009	.06266

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	-.00028	274.24	.00447	.00210	2.0798	.00187	.01634
Stddev	.00029	.00006	.06	.00076	.00018	.0219	.00002	.00324
%RSD	13.579	21.039	.02317	16.890	8.6748	1.0522	1.0983	19.795

#1	-.00192	-.00024	274.20	.00501	.00222	2.0644	.00189	.01406
#2	-.00233	-.00033	274.29	.00394	.00197	2.0953	.00186	.01863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5547	3.0300	.00034	-.00242	.03303	-.0010	.74191	6.4446
Stddev	.0045	.0141	.00156	.00156	.00697	.0001	.00129	.0099
%RSD	.09929	.46412	457.18	64.253	21.101	12.58	.17439	.15358

#1	4.5579	3.0400	-.00076	-.00132	.02810	-.0009	.74282	6.4516
#2	4.5515	3.0201	.00144	-.00353	.03796	-.0011	.74100	6.4376

Sample Name: J5064-04 Acquired: 9/25/2018 22:58:16 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8644
 Stddev .2511
 %RSD 8.7680

#1 2.6868
 #2 3.0420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.9	46786.	4157.5	99.103	3118.3
Stddev	7.1	87.	22.4	2.362	14.0
%RSD	.35405	.18698	.53827	2.3829	.45012

#1	2013.9	46724.	4141.7	97.434	3108.3
#2	2024.0	46848.	4173.3	100.77	3128.2

Sample Name: J5069-04 Acquired: 9/25/2018 23:02:25 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE-BOX-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01387	-.00363	.00133	.00409	-.00084	.07214	.18545	-.00014
Stddev	.00367	.00099	.00096	.00264	.00266	.00164	.00023	.00000
%RSD	26.456	27.270	72.144	64.539	315.97	2.2730	.12270	1.1267

#1	.01646	-.00293	.00065	.00595	.00104	.07098	.18529	-.00014
#2	.01127	-.00433	.00201	.00222	-.00272	.07330	.18561	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	52.130	-.00129	.00222	.00859	23.141	.53150	1.8917
Stddev	.00010	.516	.00043	.00009	.00011	.037	.00087	.0992
%RSD	76.476	.98940	33.508	3.9380	1.2284	.16129	.16314	5.2440

#1	-.00020	51.765	-.00098	.00216	.00867	23.167	.53088	1.9619
#2	-.00006	52.494	-.00159	.00228	.00852	23.115	.53211	1.8216

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00465	.00030	261.03	.00208	.09285	.98655	.00121	.03219
Stddev	.00049	.00034	1.51	.00024	.00024	.00109	.00005	.01983
%RSD	10.571	112.43	.57680	11.613	.26135	.11080	4.2865	61.605

#1	.00500	.00006	259.97	.00191	.09302	.98732	.00117	.04621
#2	.00430	.00054	262.10	.00225	.09268	.98578	.00125	.01817

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87141	.90612	.00248	.00253	.04627	.4476	.20395	3.8645
Stddev	.00109	.00040	.00124	.00238	.00472	.0015	.00071	.2232
%RSD	.12551	.04437	49.755	93.976	10.210	.3313	.34903	5.7753

#1	.87064	.90583	.00161	.00422	.04961	.4466	.20345	4.0223
#2	.87218	.90640	.00336	.00085	.04293	.4487	.20445	3.7067

Sample Name: J5069-04 Acquired: 9/25/2018 23:02:25 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE-BOX-A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.661
Stddev .340
%RSD 3.1853

#1 10.421
#2 10.901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.8	47102.	4156.4	98.467	3157.9
Stddev	1.9	79.	12.7	.378	2.3
%RSD	.09449	.16743	.30654	.38408	.07136

#1	2043.2	47046.	4165.4	98.199	3159.5
#2	2040.4	47158.	4147.4	98.734	3156.3

Sample Name: J5069-08 Acquired: 9/25/2018 23:06:33 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE-BOX-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01234	-.00406	-.00045	.00223	-.00228	.03215	.18270	-.00008
Stddev	.00057	.00074	.00028	.00205	.00169	.00856	.00041	.00007
%RSD	4.6307	18.185	62.294	91.970	74.043	26.637	.22421	87.069
#1	.01194	-.00354	-.00025	.00078	-.00347	.02609	.18299	-.00003
#2	.01275	-.00459	-.00064	.00367	-.00109	.03820	.18241	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	63.040	-.00108	.00212	.00755	21.089	.50047	2.0779
Stddev	.00019	.340	.00040	.00025	.00045	.422	.00072	.0893
%RSD	67.489	.53952	36.667	11.589	6.0218	2.0022	.14316	4.2988
#1	-.00041	62.800	-.00080	.00195	.00787	20.791	.49996	2.0147
#2	-.00014	63.281	-.00136	.00230	.00723	21.388	.50098	2.1411
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	.00052	268.57	.00181	.08100	.87329	.00117	.01523
Stddev	.00024	.00016	1.22	.00026	.00072	.00143	.00023	.01144
%RSD	5.6742	30.464	.45391	14.310	.88428	.16413	19.411	75.112
#1	.00403	.00063	269.43	.00163	.08049	.87228	.00133	.02332
#2	.00436	.00041	267.71	.00199	.08150	.87430	.00101	.00714
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73928	.90169	.00293	.00062	.03723	.5008	.23436	3.8948
Stddev	.00720	.01066	.00025	.00029	.00801	.0015	.00034	.2585
%RSD	.97409	1.1822	8.4245	47.533	21.508	.2914	.14449	6.6379
#1	.74437	.90923	.00275	.00041	.03157	.5019	.23412	4.0776
#2	.73419	.89415	.00310	.00083	.04289	.4998	.23460	3.7120

Sample Name: J5069-08 Acquired: 9/25/2018 23:06:33 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SLUDGE-BOX-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.8725
 Stddev .2648
 %RSD 2.6825

#1 9.6853
 #2 10.060

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.0	47193.	4186.5	98.182	3167.8
Stddev	1.5	120.	28.8	.643	2.4
%RSD	.07533	.25380	.68711	.65510	.07599

#1	2045.9	47108.	4166.1	98.637	3166.1
#2	2048.1	47278.	4206.8	97.727	3169.5

Sample Name: J5070-03 Acquired: 9/25/2018 23:10:42 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RBR-20002 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	-.00259	.01004	.00176	-.00001	.06030	.08373	-.00012
Stddev	.00074	.00028	.00031	.00261	.00121	.00823	.00016	.00017
%RSD	286.87	10.842	3.0681	148.60	12727.	13.645	.19395	149.32

#1	-.00027	-.00239	.00982	.00361	.00084	.05448	.08362	-.00024
#2	.00079	-.00279	.01026	-.00009	-.00086	.06612	.08385	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	19.415	-.00031	.00158	.00598	.18031	.28729	2.7801
Stddev	.00006	.121	.00015	.00029	.00005	.00060	.00152	.0479
%RSD	57.678	.62064	47.380	18.671	.89173	.33083	.52786	1.7241

#1	.00006	19.330	-.00021	.00178	.00595	.18074	.28622	2.8140
#2	.00015	19.500	-.00042	.00137	.00602	.17989	.28836	2.7462

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00027	317.25	.00022	.09855	.62774	.00013	.00338
Stddev	.00014	.00081	1.55	.00001	.00223	.04299	.00009	.00670
%RSD	28.406	296.48	.48760	4.7652	2.2600	6.8489	68.504	197.99

#1	.00039	-.00085	316.15	.00021	.09698	.59734	.00007	-.00135
#2	.00059	.00030	318.34	.00023	.10013	.65814	.00020	.00812

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10309	.44533	.00263	.00107	-.01344	.0152	.09477	4.4334
Stddev	.00145	.00559	.00031	.00029	.00828	.0017	.00022	.5738
%RSD	1.4059	1.2547	11.686	26.924	61.604	10.99	.23188	12.942

#1	.10411	.44138	.00284	.00127	-.00759	.0141	.09462	4.0276
#2	.10206	.44928	.00241	.00086	-.01930	.0164	.09493	4.8391

Sample Name: J5070-03 Acquired: 9/25/2018 23:10:42 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-RBR-20002 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.8140
Stddev	.1402
%RSD	4.9830

#1	2.9131
#2	2.7148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.2	46970.	4167.2	99.795	3182.1
Stddev	7.7	105.	14.3	1.721	13.4
%RSD	.37361	.22389	.34269	1.7242	.41988

#1	2046.8	46895.	4177.3	101.01	3172.7
#2	2057.6	47044.	4157.1	98.579	3191.6

Sample Name: J5070-06 Acquired: 9/25/2018 23:14:52 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RBR-20003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00326	.01115	-.00084	.00128	.32149	.10449	-.00006
Stddev	.00459	.00234	.00045	.00088	.00187	.00282	.00052	.00001
%RSD	910.31	71.953	4.0616	103.97	146.43	.87714	.49421	22.892

#1	-.00274	-.00160	.01147	-.00022	-.00005	.31949	.10413	-.00005
#2	.00375	-.00492	.01083	-.00146	.00260	.32348	.10486	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	4.0969	.00058	-.00012	.00876	.45294	.02132	.83771
Stddev	.00005	.0010	.00019	.00031	.00086	.00546	.00033	.02260
%RSD	16.827	.02467	32.521	261.98	9.7730	1.2063	1.5449	2.6981

#1	.00026	4.0976	.00045	.00010	.00937	.44908	.02155	.82172
#2	.00033	4.0962	.00071	-.00033	.00815	.45680	.02109	.85369

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.00010	314.10	.00110	.06239	.34728	.00036	.02079
Stddev	.00006	.00024	1.81	.00059	.00050	.02669	.00007	.01259
%RSD	28.371	251.57	.57576	53.621	.80373	7.6849	19.863	60.560

#1	-.00027	.00026	315.38	.00152	.06204	.32840	.00031	.02969
#2	-.00018	-.00007	312.82	.00068	.06274	.36615	.00041	.01189

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08908	.70509	.00131	.01055	-.00648	.0319	.02377	3.4557
Stddev	.00194	.00385	.00013	.00312	.00191	.0010	.00019	.2720
%RSD	2.1762	.54606	10.266	29.595	29.524	3.132	.78255	7.8709

#1	.09045	.70781	.00122	.00834	-.00513	.0312	.02390	3.2634
#2	.08771	.70236	.00141	.01275	-.00784	.0326	.02364	3.6481

Sample Name: J5070-06 Acquired: 9/25/2018 23:14:52 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-RBR-20003 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6595
 Stddev .1751
 %RSD 6.5847

#1 2.5356
 #2 2.7833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.5	47102.	4166.5	100.67	3188.3
Stddev	.5	100.	15.6	.14	2.4
%RSD	.02504	.21228	.37552	.14048	.07472

#1	2048.2	47032.	4155.5	100.77	3190.0
#2	2048.9	47173.	4177.6	100.57	3186.7

Sample Name: J5070-09 Acquired: 9/25/2018 23:19:05 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RT-4005 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	-.00048	.00737	.00219	.00168	.25423	.06142	-.00020
Stddev	.00552	.00073	.00038	.00177	.00015	.00457	.00111	.00005
%RSD	251.20	153.53	5.1745	80.873	9.1119	1.7984	1.8110	27.824

#1	.00610	.00004	.00764	.00094	.00158	.25100	.06220	-.00023
#2	-.00171	-.00099	.00710	.00344	.00179	.25746	.06063	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.8617	.00139	-.00007	.00403	.32364	.01166	.58522
Stddev	.00006	.0039	.00045	.00023	.00002	.02216	.00003	.02728
%RSD	239.19	.10002	32.777	338.30	.57065	6.8468	.29348	4.6610

#1	.00006	3.8589	.00171	.00009	.00402	.30797	.01163	.60450
#2	-.00002	3.8644	.00106	-.00023	.00405	.33931	.01168	.56593

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00032	337.74	.00167	.18067	.26573	-.00011	-.00607
Stddev	.00015	.00038	1.76	.00054	.00396	.01413	.00008	.00075
%RSD	349.77	121.34	.52125	32.591	2.1900	5.3189	69.902	12.383

#1	.00006	-.00004	336.49	.00128	.17787	.25574	-.00006	-.00554
#2	-.00015	-.00059	338.98	.00205	.18346	.27573	-.00017	-.00661

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07079	.48679	.00220	.00893	-.00746	.0115	.02378	3.0787
Stddev	.00232	.00567	.00049	.00151	.00845	.0011	.00007	.1801
%RSD	3.2745	1.1643	22.496	16.856	113.25	9.704	.29428	5.8508

#1	.06915	.49080	.00255	.00787	-.00149	.0107	.02373	2.9513
#2	.07242	.48279	.00185	.01000	-.01344	.0123	.02383	3.2061

Sample Name: J5070-09 Acquired: 9/25/2018 23:19:05 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RT-4005 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7881
Stddev .3180
%RSD 11.405

#1 3.0130
#2 2.5633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.0	47200.	4186.4	98.627	3180.7
Stddev	8.5	20.	12.8	1.865	15.9
%RSD	.41339	.04176	.30618	1.8912	.49920

#1	2042.0	47214.	4177.4	99.945	3169.5
#2	2054.0	47186.	4195.5	97.308	3192.0

Sample Name: CCV15 Acquired: 9/25/2018 23:23:16 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FTMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3081	5.2895	5.3165	5.3962	F 5.5082	10.910	10.115	.26465
Stddev	.0209	.0243	.0075	.0205	.0065	.021	.062	.00025
%RSD	.39313	.45989	.14074	.37984	.11740	.19549	.61429	.09485
#1	5.2934	5.2723	5.3112	5.3817	5.5036	10.895	10.159	.26447
#2	5.3229	5.3067	5.3218	5.4107	5.5127	10.925	10.071	.26483
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6904	26.328	1.0555	2.6424	1.3547	5.3496	2.6604	25.721
Stddev	.0010	.095	.0013	.0055	.0028	.1182	.0033	.048
%RSD	.03516	.36198	.12406	.20847	.20735	2.2096	.12494	.18614
#1	2.6897	26.395	1.0546	2.6385	1.3527	5.2660	2.6581	25.688
#2	2.6911	26.260	1.0565	2.6463	1.3567	5.4332	2.6628	25.755
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6262	1.3034	26.044	2.6514	2.6569	26.408	5.3570	5.1958
Stddev	.0049	.0029	.085	.0023	.0601	.177	.0231	.0239
%RSD	.18711	.22072	.32503	.08777	2.2604	.67196	.43128	.45948
#1	2.6227	1.3055	26.104	2.6530	2.6145	26.533	5.3407	5.2127
#2	2.6296	1.3014	25.984	2.6498	2.6994	26.282	5.3733	5.1789
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1855	4.9729	5.1881	5.3426	4.7290	5.326	5.4458	F 2.6015
Stddev	.0036	.0254	.0070	.0100	.0122	.012	.0315	.2315
%RSD	.06952	.51130	.13436	.18797	.25767	.2220	.57780	8.9001
#1	5.1880	4.9909	5.1930	5.3497	4.7376	5.334	5.4680	2.7652
#2	5.1829	4.9549	5.1832	5.3355	4.7203	5.318	5.4235	2.4378

Sample Name: CCV15 Acquired: 9/25/2018 23:23:16 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FTMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.0240
Stddev	.1276
%RSD	3.1720

#1	4.1142
#2	3.9337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.7	49206.	4190.8	100.37	3312.1
Stddev	3.2	81.	31.6	2.20	4.3
%RSD	.14866	.16415	.75372	2.1943	.12891

#1	2149.9	49149.	4168.5	101.93	3315.1
#2	2145.4	49263.	4213.1	98.814	3309.1

Sample Name: CCB15 Acquired: 9/25/2018 23:27:03 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13885 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.00164	-.00149	-.00481	.00016	-.00560	.00168
Stddev	.00157	.00058	.00007	.00379	.00279	.00849	.00012
%RSD	529.74	35.352	4.9972	78.796	1711.8	151.53	7.4495

#1	.00082	.00123	-.00154	-.00749	.00214	-.01160	.00159
#2	-.00141	.00205	-.00144	-.00213	-.00181	.00040	.00177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	-.00400	-.00043	-.00005	-.00055	.00575
Stddev	.00000	.00001	.02234	.00020	.00002	.00014	.00987
%RSD	33.511	46.699	558.57	47.991	34.045	26.200	171.74

#1	.00002	.00002	-.01980	-.00057	-.00006	-.00065	.01272
#2	.00001	.00004	.01180	-.00028	-.00004	-.00045	-.00123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.03658	.00029	-.00008	-.80007	.00066	-.00186
Stddev	.00010	.03814	.00005	.00032	.00621	.00021	.00007
%RSD	62.538	104.26	18.451	408.92	.77615	31.276	3.9068

#1	-.00024	-.06354	.00025	-.00030	-.80446	.00051	-.00181
#2	-.00009	-.00961	.00033	.00015	-.79568	.00080	-.00192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10607	.00102	-.00249	-.00390	-.00367	.00009	.00178
Stddev	.00068	.00046	.01046	.00015	.00134	.00042	.00131
%RSD	.64258	45.391	420.18	3.8116	36.541	465.83	73.408

#1	-.10559	.00134	-.00989	-.00380	-.00272	.00039	.00270
#2	-.10655	.00069	.00491	-.00401	-.00462	-.00021	.00086

Sample Name: CCB15 Acquired: 9/25/2018 23:27:03 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13885 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01159	-.0002	.00008	F<.00000	F .95416
Stddev	.00832	.0012	.00005	.71518	.06801
%RSD	71.780	683.2	61.918	2664.6	7.1282

#1	-.00571	-.0010	.00012	.47887	1.0022
#2	-.01747	.0007	.00005	-.53255	.90606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.4	50701.	4220.4	101.94	3708.9
Stddev	10.6	118.	36.1	.88	15.0
%RSD	.47686	.23263	.85645	.86705	.40350

#1	2206.0	50785.	4194.9	102.57	3698.3
#2	2220.9	50618.	4246.0	101.32	3719.5

Sample Name: J5070-12 Acquired: 9/25/2018 23:31:09 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RBR-20002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00260	.00900	.00002	.00116	.09584	.06248	-.00007
Stddev	.00187	.00076	.00013	.00116	.00104	.00936	.00047	.00007
%RSD	498.69	29.330	1.4888	7515.2	89.579	9.7653	.75346	96.554

#1	-.00095	-.00206	.00909	-.00081	.00190	.08923	.06214	-.00002
#2	.00169	-.00314	.00891	.00084	.00043	.10246	.06281	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	3.3924	-.00004	.00008	.00379	.10903	.01221	.72664
Stddev	.00013	.0213	.00024	.00000	.00029	.00434	.00001	.03233
%RSD	55.688	.62860	631.40	5.7478	7.6837	3.9785	.10671	4.4490

#1	.00032	3.3773	-.00021	.00009	.00358	.11209	.01220	.70378
#2	.00014	3.4075	.00013	.00008	.00399	.10596	.01222	.74950

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.00028	324.99	.00080	.08144	.16038	.00052	.00874
Stddev	.00016	.00004	2.64	.00009	.00013	.03361	.00018	.00108
%RSD	47.452	13.395	.81273	11.812	.15569	20.959	34.792	12.297

#1	-.00046	-.00031	323.12	.00087	.08135	.13661	.00065	.00798
#2	-.00023	-.00026	326.86	.00074	.08153	.18414	.00039	.00950

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06075	.27013	.00179	.00351	-.01649	.0132	.01694	3.1657
Stddev	.00247	.00049	.00110	.00200	.00245	.0032	.00001	.0101
%RSD	4.0668	.17988	61.559	57.104	14.865	24.30	.06404	.32017

#1	.06249	.27047	.00101	.00493	-.01822	.0109	.01695	3.1586
#2	.05900	.26978	.00258	.00209	-.01476	.0155	.01693	3.1729

Sample Name: J5070-12 Acquired: 9/25/2018 23:31:09 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-RBR-20002 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9117
Stddev	.1162
%RSD	3.9896

#1	2.8295
#2	2.9938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.9	47223.	4201.8	100.17	3189.0
Stddev	12.9	103.	1.3	.54	18.5
%RSD	.63007	.21877	.02983	.53904	.57937

#1	2036.7	47150.	4200.9	99.791	3175.9
#2	2055.0	47296.	4202.7	100.55	3202.0

Sample Name: J5051-03 Acquired: 9/25/2018 23:35:21 Type: Unk
Method: P4-ICP2(v2455) 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	.00674	.00040	.00271	.00799	-.00253	-.01328	.02124	.00010
Stddev	.00128	.00094	.00076	.00054	.00131	.02106	.00049	.00001
%RSD	18.981	234.99	28.205	6.8221	51.821	158.63	2.3289	12.705

#1	.00584	-.00026	.00325	.00837	-.00160	-.02817	.02089	.00011
#2	.00765	.00107	.00217	.00760	-.00345	.00162	.02159	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	60.243	-.00084	-.00028	.00191	-.02412	.00205	129.61
Stddev	.00004	.260	.00071	.00001	.00074	.00469	.00000	.70
%RSD	16.301	.43080	84.994	2.6902	38.746	19.467	.01520	.54359

#1	-.00021	60.427	-.00134	-.00027	.00139	-.02080	.00205	130.11
#2	-.00027	60.060	-.00033	-.00028	.00244	-.02744	.00205	129.12

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00322	.00026	1024.2	.00110	-.00153	42.573	.00136	.43596
Stddev	.00069	.00040	13.7	.00029	.00002	.143	.00019	.00357
%RSD	21.518	152.09	1.3389	26.205	1.0558	.33649	14.318	.81947

#1	-.00371	-.00002	1033.9	.00090	-.00154	42.675	.00150	.43849
#2	-.00273	.00055	1014.5	.00131	-.00152	42.472	.00122	.43343

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.28	.90303	-.03782	-.00030	.13996	.0818	.82963	5.5047
Stddev	.24	.00093	.00115	.00183	.00792	.0041	.00557	.0525
%RSD	.22936	.10348	3.0506	604.40	5.6560	4.967	.67086	.95469

#1	104.11	.90369	-.03864	.00099	.13436	.0789	.83357	5.4675
#2	104.45	.90237	-.03701	-.00159	.14555	.0847	.82570	5.5419

Sample Name: J5051-03 Acquired: 9/25/2018 23:35:21 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0719
Stddev .4672
%RSD 9.2123

#1 5.4023
#2 4.7416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.8	46497.	4241.5	102.72	2954.1
Stddev	16.2	12.	8.0	2.12	19.0
%RSD	.78305	.02632	.18852	2.0684	.64409

#1	2075.2	46506.	4235.8	104.22	2967.5
#2	2052.4	46489.	4247.1	101.22	2940.6

Sample Name: J5051-04 Acquired: 9/25/2018 23:39:30 Type: Unk
Method: P4-ICP2(v2455) 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	.00838	.00104	.00828	.00608	-.00448	-.09624	.02264	.00007
Stddev	.00071	.00162	.00255	.00105	.00189	.00103	.00038	.00011
%RSD	8.4876	156.11	30.866	17.212	42.131	1.0727	1.6998	145.36
#1	.00788	.00218	.01008	.00534	-.00581	-.09551	.02291	.00015
#2	.00888	-.00011	.00647	.00682	-.00315	-.09697	.02237	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	179.08	-.00241	-.00044	.00223	-.03026	.03450	555.59
Stddev	.00014	.19	.00037	.00033	.00061	.00961	.00002	.53
%RSD	23.493	.10846	15.543	73.922	27.133	31.754	.07177	.09609
#1	-.00050	178.94	-.00267	-.00021	.00180	-.03706	.03451	555.21
#2	-.00069	179.22	-.00214	-.00067	.00266	-.02347	.03448	555.97
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00529	.00096	F 3186.9	.00177	.00029	191.62	.00387	1.8208
Stddev	.00031	.00076	76.0	.00005	.00006	.10	.00002	.0035
%RSD	5.9251	79.749	2.3842	2.7376	19.520	.04966	.57270	.19115
#1	-.00507	.00150	3240.6	.00173	.00033	191.55	.00385	1.8183
#2	-.00552	.00042	3133.1	.00180	.00025	191.68	.00388	1.8232
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 487.14	1.1771	-.17852	-.00514	.78178	.1765	3.2865	13.617
Stddev	2.79	.0021	.00174	.00068	.00960	.0016	.0014	.215
%RSD	.57281	.17408	.97515	13.139	1.2279	.8945	.04419	1.5759
#1	489.11	1.1757	-.17975	-.00562	.77499	.1776	3.2875	13.465
#2	485.17	1.1786	-.17729	-.00466	.78856	.1753	3.2854	13.769

Sample Name: J5051-04 Acquired: 9/25/2018 23:39:30 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1128
Stddev	.3139
%RSD	5.1358

#1	5.8908
#2	6.3348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.5	39690.	3865.4	89.246	2385.3
Stddev	9.0	18.	4.5	.192	10.6
%RSD	.50455	.04489	.11578	.21482	.44491

#1	1787.1	39703.	3862.2	89.382	2377.8
#2	1799.9	39678.	3868.5	89.111	2392.8

Sample Name: J5051-05 Acquired: 9/25/2018 23:43:40 Type: Unk
Method: P4-ICP2(v2455) 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	.00597	.00055	.00380	.00050	-.00262	-.03098	.02244	.00000
Stddev	.00084	.00055	.00126	.00191	.00024	.00085	.00100	.00006
%RSD	14.095	100.65	33.030	383.88	9.1369	2.7314	4.4454	3178.7

#1	.00657	.00016	.00291	-.00085	-.00245	-.03158	.02174	-.00004
#2	.00538	.00094	.00469	.00185	-.00279	-.03038	.02315	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	92.614	-.00147	-.00060	.00209	-.02389	.01023	244.18
Stddev	.00007	.147	.00023	.00043	.00051	.00387	.00000	.26
%RSD	18.617	.15877	15.866	71.234	24.536	16.217	.02295	.10604

#1	-.00033	92.718	-.00163	-.00091	.00245	-.02115	.01023	243.99
#2	-.00043	92.510	-.00130	-.00030	.00173	-.02663	.01023	244.36

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	.00056	1740.2	.00170	-.00083	81.445	.00219	.81812
Stddev	.00009	.00041	2.0	.00027	.00003	.091	.00003	.01247
%RSD	2.9078	72.713	.11714	15.631	3.2559	.11197	1.1525	1.5247

#1	-.00324	.00027	1738.8	.00188	-.00081	81.381	.00218	.80930
#2	-.00310	.00085	1741.7	.00151	-.00085	81.510	.00221	.82694

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	200.77	1.0178	-.07294	-.00202	.30624	.1104	1.4837	9.0173
Stddev	.40	.0100	.00007	.00131	.00395	.0041	.0011	.4415
%RSD	.19928	.98443	.09770	64.739	1.2909	3.705	.07238	4.8963

#1	201.06	1.0249	-.07289	-.00295	.30903	.1075	1.4829	8.7051
#2	200.49	1.0107	-.07299	-.00110	.30344	.1133	1.4844	9.3295

Sample Name: J5051-05 Acquired: 9/25/2018 23:43:40 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.5589
Stddev .4537
%RSD 8.1618

#1 5.2381
#2 5.8797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.9	43133.	4017.9	95.967	2702.2
Stddev	4.7	90.	12.0	1.208	5.3
%RSD	.24118	.20891	.29866	1.2583	.19486

#1	1949.2	43197.	4026.4	95.113	2706.0
#2	1942.6	43070.	4009.4	96.821	2698.5

Sample Name: J5051-06 Acquired: 9/25/2018 23:47:49 Type: Unk
Method: P4-ICP2(v2455) 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	.00895	.00192	.00319	-.00015	-.00512	-.00920	.02256	.00011
Stddev	.00334	.00136	.00128	.00597	.00316	.01658	.00012	.00013
%RSD	37.280	70.450	40.185	3884.2	61.816	180.21	.54630	119.07

#1	.01131	.00288	.00410	.00407	-.00288	-.02092	.02247	.00002
#2	.00659	.00097	.00228	-.00438	-.00735	.00252	.02265	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	63.109	-.00128	-.00069	.00148	-.01824	.00176	138.01
Stddev	.00001	.193	.00044	.00005	.00010	.00649	.00012	.08
%RSD	2.2648	.30621	34.468	7.9028	6.8521	35.590	6.7382	.05592

#1	-.00028	62.973	-.00159	-.00073	.00141	-.02283	.00168	138.07
#2	-.00029	63.246	-.00097	-.00065	.00156	-.01365	.00184	137.96

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00360	.00031	1054.5	.00150	-.00163	45.580	.00136	.46562
Stddev	.00076	.00017	4.1	.00010	.00001	.084	.00031	.00007
%RSD	21.094	54.178	.38880	6.6921	.41013	.18467	22.553	.01600

#1	-.00306	.00042	1051.6	.00143	-.00163	45.521	.00157	.46556
#2	-.00414	.00019	1057.4	.00157	-.00164	45.640	.00114	.46567

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	110.13	.93158	-.03906	.00043	.15443	.0829	.87924	7.1895
Stddev	.09	.01340	.00021	.00054	.00078	.0011	.00228	.3772
%RSD	.08364	1.4382	.54619	126.09	.50444	1.276	.25908	5.2463

#1	110.20	.92211	-.03891	.00081	.15388	.0837	.87763	7.4562
#2	110.07	.94106	-.03922	.00005	.15498	.0822	.88085	6.9228

Sample Name: J5051-06 Acquired: 9/25/2018 23:47:49 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6548
 Stddev .2218
 %RSD 4.7656

#1 4.8116
 #2 4.4979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.1	44760.	4063.3	96.982	2886.5
Stddev	2.9	97.	21.0	.092	2.8
%RSD	.14452	.21630	.51759	.09442	.09709

#1	2016.1	44829.	4078.2	97.047	2888.4
#2	2020.2	44692.	4048.5	96.917	2884.5

Sample Name: J5051-07 Acquired: 9/25/2018 23:51:58 Type: Unk
Method: P4-ICP2(v2455) 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	.00645	-.00029	.00339	.00305	-.00327	-.03350	.02360	.00014
Stddev	.00400	.00305	.00007	.00293	.00100	.00068	.00045	.00006
%RSD	62.074	1067.9	2.0313	96.297	30.631	2.0172	1.8910	39.468

#1	.00362	.00187	.00343	.00512	-.00256	-.03398	.02329	.00018
#2	.00928	-.00244	.00334	.00097	-.00398	-.03303	.02392	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	71.639	-.00178	-.00021	.00194	-.01786	.00507	168.81
Stddev	.00011	.471	.00088	.00063	.00008	.00716	.00006	.04
%RSD	28.915	.65736	49.790	305.91	4.1425	40.075	1.1208	.02433

#1	-.00045	71.306	-.00115	.00024	.00188	-.02292	.00511	168.83
#2	-.00030	71.972	-.00240	-.00065	.00200	-.01280	.00503	168.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	.00107	1282.1	.00163	.00014	55.354	.00170	.56620
Stddev	.00008	.00046	14.1	.00004	.00001	.490	.00048	.01955
%RSD	2.2662	43.385	1.0983	2.3319	8.4917	.88454	28.414	3.4525

#1	-.00342	.00074	1292.0	.00166	.00013	55.008	.00136	.55238
#2	-.00353	.00139	1272.1	.00160	.00015	55.700	.00204	.58003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	135.80	.98730	-.04921	-.00106	.18124	.0897	1.0565	7.6849
Stddev	.07	.00618	.00000	.00124	.00456	.0017	.0075	.4386
%RSD	.05267	.62636	.00013	117.42	2.5146	1.868	.71283	5.7075

#1	135.85	.99167	-.04921	-.00018	.18447	.0885	1.0512	7.3747
#2	135.75	.98293	-.04921	-.00194	.17802	.0909	1.0618	7.9950

Sample Name: J5051-07 Acquired: 9/25/2018 23:51:58 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1949
 Stddev .1495
 %RSD 2.8769

#1 5.0893
 #2 5.3006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.7	43715.	4011.6	93.401	2774.6
Stddev	1.2	41.	16.3	.538	3.7
%RSD	.05928	.09400	.40693	.57651	.13216

#1	1954.6	43744.	4023.1	93.020	2777.2
#2	1952.9	43686.	4000.0	93.782	2772.1

Sample Name: J5051-08 Acquired: 9/25/2018 23:56:08 Type: Unk
Method: P4-ICP2(v2455) 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	.00819	.00238	.00240	.00380	-.00540	-.01728	.02499	.00000
Stddev	.00230	.00192	.00005	.00668	.00057	.02093	.00028	.00000
%RSD	28.116	80.757	1.9856	175.60	10.457	121.14	1.1273	23.816

#1	.00982	.00373	.00237	.00853	-.00500	-.03208	.02479	.00000
#2	.00656	.00102	.00243	-.00092	-.00580	-.00248	.02519	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	73.122	-.00132	-.00025	.00235	-.02090	.00422	170.79
Stddev	.00019	.152	.00040	.00012	.00041	.00156	.00002	.69
%RSD	61.991	.20786	30.202	48.302	17.366	7.4665	.54582	.40241

#1	-.00017	73.014	-.00160	-.00033	.00206	-.02201	.00423	170.30
#2	-.00045	73.229	-.00103	-.00016	.00264	-.01980	.00420	171.27

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00390	.00033	1292.6	.00156	-.00063	56.454	.00166	.59192
Stddev	.00008	.00003	5.7	.00004	.00010	.117	.00027	.00333
%RSD	2.1735	7.8526	.44095	2.7276	15.448	.20680	16.064	.56254

#1	-.00384	.00035	1296.6	.00153	-.00070	56.372	.00147	.58956
#2	-.00396	.00031	1288.6	.00159	-.00056	56.537	.00185	.59427

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	137.43	.98858	-.04915	-.00209	.20412	.0932	1.0724	9.2236
Stddev	.12	.00192	.00036	.00305	.00062	.0037	.0001	.4380
%RSD	.09009	.19377	.73927	145.78	.30361	3.972	.01381	4.7490

#1	137.34	.98722	-.04941	-.00425	.20368	.0958	1.0725	9.5333
#2	137.52	.98993	-.04890	.00006	.20455	.0906	1.0723	8.9138

Sample Name: J5051-08 Acquired: 9/25/2018 23:56:08 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.2822
Stddev .1856
%RSD 3.5145

#1 5.1510
#2 5.4135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.6	42755.	3901.1	90.554	2749.8
Stddev	3.2	56.	10.1	.816	2.6
%RSD	.16346	.13209	.25913	.90080	.09418

#1	1942.9	42795.	3908.3	91.130	2751.6
#2	1938.4	42715.	3894.0	89.977	2747.9

Sample Name: J5051-09 Acquired: 9/26/2018 0:00:17 Type: Unk
Method: P4-ICP2(v2455) 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	.00738	.00150	.00309	.00242	-.00315	-.01503	.02420	.00003
Stddev	.00744	.00035	.00007	.00212	.00158	.00136	.00010	.00008
%RSD	100.83	23.292	2.3097	87.589	50.119	9.0343	.41502	227.06

#1	.01264	.00175	.00304	.00392	-.00203	-.01599	.02413	.00009
#2	.00212	.00126	.00314	.00092	-.00427	-.01407	.02427	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	72.090	-.00121	-.00025	.00234	-.01805	.00361	168.37
Stddev	.00003	.185	.00106	.00026	.00014	.01107	.00024	.31
%RSD	7.7718	.25618	87.442	104.15	6.1722	61.327	6.7645	.18362

#1	-.00032	72.221	-.00046	-.00044	.00244	-.02587	.00344	168.59
#2	-.00036	71.960	-.00197	-.00007	.00224	-.01022	.00378	168.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	.00046	1265.6	.00157	-.00158	55.787	.00126	.55779
Stddev	.00006	.00033	12.4	.00017	.00011	.096	.00014	.00047
%RSD	1.9254	71.772	.98198	11.035	6.7772	.17268	11.051	.08509

#1	-.00320	.00023	1274.4	.00169	-.00165	55.855	.00116	.55745
#2	-.00329	.00069	1256.8	.00145	-.00150	55.719	.00136	.55813

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	134.19	.98117	-.04760	-.00121	.19116	.0922	1.0546	8.0593
Stddev	.00	.00027	.00069	.00365	.00582	.0010	.0010	.0785
%RSD	.00365	.02785	1.4580	301.03	3.0471	1.090	.09530	.97396

#1	134.19	.98098	-.04711	-.00379	.19528	.0915	1.0553	8.0038
#2	134.19	.98136	-.04809	.00137	.18704	.0929	1.0539	8.1148

Sample Name: J5051-09 Acquired: 9/26/2018 0:00:17 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.3020
 Stddev .7399
 %RSD 13.954

#1 5.8251
 #2 4.7788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.7	44118.	3970.2	94.017	2829.9
Stddev	4.3	96.	8.2	1.254	4.9
%RSD	.21545	.21860	.20654	1.3336	.17150

#1	1995.8	44186.	3964.4	94.903	2833.4
#2	1989.7	44050.	3976.0	93.130	2826.5

Sample Name: J5051-10 Acquired: 9/26/2018 0:04:27 Type: Unk
Method: P4-ICP2(v2455) 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	.00663	-.00069	.00214	-.00195	-.00370	-.00719	.02349	.00002
Stddev	.00435	.00037	.00097	.00215	.00014	.01682	.00052	.00010
%RSD	65.699	53.996	45.521	110.53	3.8873	234.02	2.1962	515.13

#1	.00355	-.00095	.00145	-.00043	-.00359	.00471	.02385	-.00005
#2	.00970	-.00043	.00283	-.00347	-.00380	-.01908	.02312	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	69.566	-.00190	-.00058	.00165	-.02129	.00285	162.67
Stddev	.00026	.339	.00035	.00012	.00042	.00146	.00015	.46
%RSD	55.151	.48796	18.174	21.067	25.265	6.8683	5.1614	.28146

#1	-.00065	69.806	-.00166	-.00067	.00194	-.02025	.00275	163.00
#2	-.00029	69.326	-.00215	-.00050	.00135	-.02232	.00295	162.35

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00380	.00081	1239.0	.00189	-.00164	53.690	.00151	.54871
Stddev	.00030	.00027	21.3	.00030	.00015	.435	.00008	.00575
%RSD	7.9124	33.309	1.7207	16.051	8.9554	.81078	5.3410	1.0472

#1	-.00359	.00100	1254.1	.00168	-.00154	53.998	.00157	.55277
#2	-.00402	.00062	1224.0	.00211	-.00175	53.382	.00145	.54464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	132.98	.95931	-.04790	.00069	.19810	.0894	1.0229	7.5318
Stddev	.70	.00089	.00118	.00019	.00065	.0005	.0040	.5029
%RSD	.52819	.09274	2.4660	27.557	.32990	.5059	.38704	6.6767

#1	132.49	.95993	-.04873	.00055	.19856	.0891	1.0257	7.1762
#2	133.48	.95868	-.04706	.00082	.19764	.0897	1.0201	7.8874

Sample Name: J5051-10 Acquired: 9/26/2018 0:04:27 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.3030
Stddev .2483
%RSD 4.6826

#1 5.4785
#2 5.1274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.5	44044.	4015.7	94.645	2792.4
Stddev	5.9	114.	35.3	.176	13.0
%RSD	.30256	.25802	.88027	.18580	.46600

#1	1969.7	44125.	3990.7	94.521	2801.6
#2	1961.3	43964.	4040.7	94.770	2783.2

Sample Name: J5052-02 Acquired: 9/26/2018 0:08:36 Type: Unk
Method: P4-ICP2(v2455) 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	.00457	.00090	.00181	.00315	-.00294	-.02551	.02420	.00006
Stddev	.00114	.00327	.00025	.00484	.00055	.01485	.00019	.00005
%RSD	24.852	361.18	13.932	153.32	18.740	58.205	.79556	84.569

#1	.00377	.00322	.00198	.00657	-.00333	-.01501	.02433	.00010
#2	.00538	-.00141	.00163	-.00027	-.00255	-.03600	.02406	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	61.455	-.00101	-.00040	.00217	-.01171	.00161	131.72
Stddev	.00011	.409	.00012	.00009	.00045	.01308	.00002	.64
%RSD	49.562	.66514	12.350	22.414	20.599	111.69	1.5472	.48772

#1	-.00031	61.166	-.00092	-.00046	.00185	-.00246	.00163	131.27
#2	-.00015	61.744	-.00110	-.00033	.00248	-.02096	.00160	132.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	.00009	1023.1	.00185	-.00160	43.607	.00138	.45411
Stddev	.00074	.00046	3.6	.00039	.00019	.332	.00022	.00640
%RSD	22.597	533.35	.35390	21.267	12.100	.76248	15.922	1.4096

#1	-.00381	.00041	1025.7	.00157	-.00146	43.372	.00122	.45864
#2	-.00276	-.00024	1020.6	.00213	-.00173	43.842	.00153	.44958

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.86	.93885	-.03718	-.00038	.13521	.0847	.84881	8.2567
Stddev	.39	.00098	.00318	.00121	.00307	.0014	.00473	.5328
%RSD	.36816	.10399	8.5639	320.88	2.2707	1.650	.55737	6.4526

#1	105.58	.93815	-.03493	.00048	.13304	.0857	.84546	7.8800
#2	106.13	.93954	-.03943	-.00123	.13738	.0837	.85215	8.6334

Sample Name: J5052-02 Acquired: 9/26/2018 0:08:36 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6875
 Stddev .1384
 %RSD 2.9520

#1 4.7853
 #2 4.5896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.9	43781.	3960.8	93.478	2836.3
Stddev	11.4	94.	13.6	1.502	9.7
%RSD	.57811	.21393	.34288	1.6065	.34053

#1	1985.0	43847.	3970.4	94.540	2843.1
#2	1968.8	43714.	3951.2	92.416	2829.4

Sample Name: CCV16 Acquired: 9/26/2018 0:12:46 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13871 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1856	5.1986	5.2339	5.2649	5.4034	10.669	9.9320	.26099
Stddev	.0095	.0210	.0128	.0122	.0245	.021	.1175	.00000
%RSD	.18221	.40446	.24468	.23107	.45339	.19981	1.1828	.00183
#1	5.1923	5.2134	5.2430	5.2735	5.4207	10.654	10.015	.26099
#2	5.1790	5.1837	5.2249	5.2563	5.3860	10.684	9.8489	.26100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6604	25.961	1.0481	2.6003	1.3299	5.2876	2.6255	25.368
Stddev	.0055	.019	.0036	.0076	.0022	.0187	.0060	.015
%RSD	.20770	.07229	.34401	.29045	.16229	.35427	.22745	.06080
#1	2.6643	25.947	1.0455	2.6057	1.3314	5.3009	2.6297	25.357
#2	2.6565	25.974	1.0506	2.5950	1.3284	5.2744	2.6213	25.379
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5824	1.2823	26.686	2.6221	2.6611	26.185	5.2314	5.1024
Stddev	.0113	.0022	.158	.0030	.0397	.262	.0005	.0087
%RSD	.43851	.17461	.59251	.11543	1.4909	1.0016	.00935	.17095
#1	2.5904	1.2839	26.798	2.6242	2.6892	26.370	5.2318	5.0963
#2	2.5743	1.2808	26.575	2.6199	2.6331	25.999	5.2311	5.1086
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1079	4.9753	5.1442	5.2711	4.6980	5.222	5.3592	F 3.7516
Stddev	.0206	.0190	.0159	.0124	.0043	.004	.0659	.0079
%RSD	.40350	.38256	.30878	.23506	.09069	.0696	1.2301	.21147
#1	5.1225	4.9888	5.1554	5.2799	4.6950	5.219	5.4058	3.7573
#2	5.0934	4.9619	5.1330	5.2624	4.7010	5.225	5.3126	3.7460

Sample Name: CCV16 Acquired: 9/26/2018 0:12:46 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13871 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6632
Stddev	.2426
%RSD	6.6237

#1	3.4916
#2	3.8348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.5	47868.	4058.3	96.184	3241.9
Stddev	7.9	307.	45.4	1.749	18.7
%RSD	.37832	.64183	1.1196	1.8182	.57630

#1	2093.9	47651.	4026.2	94.947	3228.7
#2	2105.1	48086.	4090.5	97.421	3255.1

Sample Name: CCB16 Acquired: 9/26/2018 0:16:33 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13871 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00344	.00069	-.00179	-.00358	.00048	.00602	.00204	.00004
Stddev	.00144	.00022	.00057	.00493	.00036	.00324	.00033	.00000
%RSD	41.880	32.314	31.954	137.63	73.543	53.819	15.966	6.2360

#1	.00242	.00085	-.00138	-.00707	.00023	.00373	.00227	.00004
#2	.00446	.00054	-.00219	-.00010	.00074	.00832	.00181	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00083	-.00052	-.00031	-.00024	.00849	-.00019	.03284
Stddev	.00006	.00496	.00035	.00029	.00007	.00419	.00000	.07796
%RSD	268.57	598.26	66.919	94.366	30.706	49.315	1.3899	237.37

#1	.00007	-.00434	-.00076	-.00052	-.00029	.01146	-.00020	.08797
#2	-.00002	.00268	-.00027	-.00010	-.00019	.00553	-.00019	-.02228

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00046	F 1.0808	.00015	-.00182	.19926	.00135	.00429
Stddev	.00081	.00025	.0903	.00049	.00010	.04847	.00040	.00863
%RSD	475.64	54.349	8.3563	331.90	5.7194	24.323	29.841	201.01

#1	-.00074	.00064	1.0169	.00050	-.00190	.16499	.00163	-.00181
#2	.00040	.00028	1.1447	-.00020	-.00175	.23354	.00106	.01040

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00109	-.00128	.00179	F .01738	.0013	-.00011	F .67113
Stddev	.00281	.00090	.00072	.00218	.01353	.0002	.00010	.28165
%RSD	425.40	82.252	56.090	121.39	77.854	14.56	88.844	41.967

#1	-.00265	-.00046	-.00077	.00333	.00781	.0012	-.00004	.87029
#2	.00133	-.00173	-.00179	.00025	.02695	.0015	-.00018	.47197

Sample Name: CCB16 Acquired: 9/26/2018 0:16:33 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13871 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2762
Stddev	.6282
%RSD	49.221

#1	.83202
#2	1.7204

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.0	49710.	4054.4	95.828	3642.3
Stddev	6.8	71.	20.9	.478	10.9
%RSD	.31206	.14277	.51624	.49919	.30028

#1	2176.2	49660.	4039.6	95.490	3634.5
#2	2185.8	49760.	4069.2	96.167	3650.0

Sample Name: J5052-03 Acquired: 9/26/2018 0:20:40 Type: Unk
Method: P4-ICP2(v2455) 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	.00970	-.00157	.00539	.00092	-.00185	-.05815	.02543	-.00002
Stddev	.00233	.00276	.00148	.00177	.00199	.01272	.00048	.00006
%RSD	24.008	175.29	27.418	193.25	107.36	21.873	1.8818	259.08

#1	.00806	-.00352	.00434	.00217	-.00045	-.04915	.02510	-.00007
#2	.01135	.00038	.00643	-.00034	-.00326	-.06714	.02577	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	132.67	-.00182	-.00047	.00261	-.01875	.02245	384.27
Stddev	.00001	.93	.00064	.00047	.00055	.01718	.00023	3.89
%RSD	1.5314	.69775	34.860	100.75	21.107	91.664	1.0377	1.0110

#1	-.00040	133.33	-.00227	-.00013	.00222	-.03090	.02261	387.02
#2	-.00039	132.02	-.00137	-.00080	.00300	-.00660	.02228	381.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	.00042	2520.2	.00164	.00091	129.83	.00330	1.2682
Stddev	.00003	.00090	39.3	.00017	.00001	1.22	.00032	.0105
%RSD	.61166	213.79	1.5601	10.198	1.1778	.93854	9.7855	.82688

#1	-.00485	-.00021	2548.0	.00176	.00092	130.69	.00307	1.2608
#2	-.00489	.00105	2492.4	.00152	.00090	128.97	.00352	1.2756

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 327.91	1.1514	-.12034	-.00065	.49703	.1440	2.2958	12.958
Stddev	.49	.0019	.00076	.00120	.00085	.0057	.0163	.007
%RSD	.14848	.16585	.63555	185.27	.17067	3.971	.71113	.05273

#1	327.56	1.1501	-.12088	-.00150	.49643	.1399	2.3073	12.954
#2	328.25	1.1528	-.11980	.00020	.49763	.1480	2.2842	12.963

Sample Name: J5052-03 Acquired: 9/26/2018 0:20:40 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6645
Stddev	.2470
%RSD	4.3612

#1	5.8392
#2	5.4898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.3	40440.	3806.6	87.956	2487.0
Stddev	4.0	18.	26.2	1.220	4.4
%RSD	.21664	.04329	.68836	1.3875	.17506

#1	1834.1	40428.	3788.1	87.093	2490.1
#2	1828.5	40452.	3825.1	88.819	2483.9

Sample Name: J5052-04 Acquired: 9/26/2018 0:24:50 Type: Unk
Method: P4-ICP2(v2455) 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	.00637	.00122	.00355	.00452	-.00639	-.02761	.02356	.00008
Stddev	.00242	.00024	.00015	.00380	.00133	.00050	.00035	.00009
%RSD	37.982	19.537	4.1910	84.108	20.827	1.8172	1.4783	118.41

#1	.00807	.00105	.00365	.00183	-.00545	-.02796	.02331	.00014
#2	.00466	.00139	.00344	.00721	-.00733	-.02725	.02380	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	67.501	-.00162	-.00030	.00242	-.02809	.00187	153.00
Stddev	.00004	.058	.00018	.00004	.00029	.00288	.00003	.30
%RSD	12.232	.08645	11.046	13.133	11.916	10.260	1.8415	.19648

#1	-.00028	67.542	-.00149	-.00027	.00221	-.02606	.00189	153.21
#2	-.00033	67.460	-.00175	-.00032	.00262	-.03013	.00185	152.79

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00395	.00037	1162.9	.00201	.00021	50.388	.00154	.50789
Stddev	.00028	.00001	22.8	.00069	.00004	.029	.00008	.00363
%RSD	7.1228	3.0447	1.9646	34.179	18.898	.05831	5.1361	.71443

#1	-.00375	.00038	1179.1	.00250	.00024	50.367	.00160	.50532
#2	-.00415	.00036	1146.8	.00153	.00018	50.408	.00149	.51046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	123.15	.96798	-.04592	-.00032	.17348	.0879	.96855	7.7498
Stddev	.11	.00236	.00027	.00129	.00895	.0027	.00011	.0223
%RSD	.09301	.24354	.58944	399.76	5.1563	3.098	.01153	.28776

#1	123.07	.96965	-.04611	.00059	.16715	.0859	.96847	7.7656
#2	123.23	.96631	-.04573	-.00123	.17980	.0898	.96863	7.7341

Sample Name: J5052-04 Acquired: 9/26/2018 0:24:50 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.3097
 Stddev .4696
 %RSD 8.8448

#1 4.9776
 #2 5.6418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.4	44012.	3976.8	93.645	2797.3
Stddev	3.8	61.	5.6	.276	5.9
%RSD	.19310	.13770	.14132	.29436	.21110

#1	1963.1	44055.	3972.8	93.450	2801.5
#2	1957.7	43970.	3980.8	93.840	2793.1

Sample Name: J5052-05 Acquired: 9/26/2018 0:29:00 Type: Unk
Method: P4-ICP2(v2455) 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	.01249	.00202	.00470	.00267	-.00552	-.04264	.02467	.00010
Stddev	.00012	.00288	.00201	.00279	.00066	.01119	.00032	.00003
%RSD	.94130	142.88	42.903	104.80	12.008	26.247	1.3116	30.106

#1	.01257	-.00002	.00327	.00069	-.00505	-.03473	.02444	.00012
#2	.01241	.00406	.00612	.00464	-.00599	-.05055	.02490	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	122.57	-.00217	-.00026	.00215	-.02929	.02013	345.26
Stddev	.00011	.65	.00043	.00033	.00030	.01110	.00015	3.09
%RSD	21.502	.52641	19.666	124.22	13.884	37.899	.75048	.89560

#1	-.00043	122.12	-.00247	-.00003	.00236	-.02144	.02024	343.07
#2	-.00059	123.03	-.00187	-.00050	.00194	-.03714	.02002	347.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00446	.00043	2268.8	.00157	-.00024	117.78	.00283	1.1640
Stddev	.00109	.00036	13.3	.00015	.00007	.80	.00024	.0179
%RSD	24.348	82.830	.58454	9.7364	27.572	.67743	8.5254	1.5332

#1	-.00369	.00069	2278.2	.00146	-.00029	117.22	.00266	1.1766
#2	-.00523	.00018	2259.4	.00167	-.00020	118.35	.00300	1.1513

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	297.87	1.1070	-.10685	-.00393	.44503	.1378	2.1039	12.793
Stddev	.66	.0065	.00127	.00265	.00080	.0016	.0173	.036
%RSD	.22292	.58589	1.1918	67.458	.17940	1.182	.82332	.28297

#1	298.34	1.1024	-.10775	-.00581	.44447	.1390	2.0917	12.819
#2	297.40	1.1116	-.10595	-.00206	.44560	.1367	2.1162	12.768

Sample Name: J5052-05 Acquired: 9/26/2018 0:29:00 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4853
 Stddev .3476
 %RSD 6.3369

#1 5.2395
 #2 5.7311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.9	40586.	3892.3	89.070	2522.1
Stddev	1.0	269.	20.7	1.201	6.0
%RSD	.05483	.66330	.53160	1.3486	.23607

#1	1844.6	40395.	3906.9	89.919	2526.4
#2	1843.2	40776.	3877.6	88.220	2517.9

Sample Name: J5052-06 Acquired: 9/26/2018 0:33:09 Type: Unk
Method: P4-ICP2(v2455) 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	.00626	.00052	.00293	.00323	-.00200	-.01494	.02367	.00003
Stddev	.00064	.00167	.00026	.00221	.00008	.00109	.00029	.00005
%RSD	10.172	324.45	8.9521	68.346	4.1022	7.3058	1.2374	156.90

#1	.00671	.00170	.00275	.00167	-.00206	-.01417	.02346	.00007
#2	.00581	-.00067	.00312	.00479	-.00195	-.01572	.02387	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	70.990	-.00159	-.00012	.00166	-.00436	.00356	166.84
Stddev	.00010	.442	.00018	.00008	.00025	.00616	.00007	.05
%RSD	27.937	.62247	11.495	68.808	15.345	141.41	1.8858	.03042

#1	-.00030	71.303	-.00146	-.00017	.00184	-.00871	.00351	166.88
#2	-.00045	70.678	-.00172	-.00006	.00148	-.00000	.00361	166.80

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	.00082	1236.3	.00157	-.00131	54.926	.00152	.57477
Stddev	.00051	.00008	8.8	.00018	.00009	.247	.00022	.00766
%RSD	15.624	9.1441	.70838	11.713	6.7829	.44932	14.792	1.3325

#1	-.00289	.00077	1242.5	.00144	-.00138	55.100	.00168	.58019
#2	-.00361	.00087	1230.1	.00170	-.00125	54.751	.00136	.56936

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	136.88	.98903	-.04933	-.00119	.20366	.0946	1.0501	7.9829
Stddev	.17	.01765	.00056	.00175	.00424	.0007	.0066	.1631
%RSD	.12173	1.7847	1.1274	147.72	2.0837	.7818	.62597	2.0438

#1	136.76	1.0015	-.04972	-.00243	.20666	.0941	1.0547	7.8675
#2	137.00	.97655	-.04894	.00005	.20066	.0952	1.0454	8.0982

Sample Name: J5052-06 Acquired: 9/26/2018 0:33:09 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1718
 Stddev .3165
 %RSD 6.1191

#1 5.3955
 #2 4.9480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.5	43867.	4084.1	94.913	2788.3
Stddev	1.3	121.	18.1	.456	6.7
%RSD	.06587	.27667	.44380	.48065	.24087

#1	1963.4	43953.	4071.3	95.236	2793.0
#2	1961.6	43781.	4096.9	94.590	2783.5

Sample Name: J5052-07 Acquired: 9/26/2018 0:37:19 Type: Unk
Method: P4-ICP2(v2455) 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	.00905	.00186	.00304	.00022	-.00377	-.02284	.02319	.00002
Stddev	.00089	.00073	.00001	.00785	.00198	.00351	.00000	.00007
%RSD	9.7930	39.322	.35931	3503.3	52.502	15.382	.01733	341.10

#1	.00967	.00134	.00305	.00577	-.00237	-.02532	.02320	-.00003
#2	.00842	.00237	.00303	-.00533	-.00517	-.02036	.02319	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	62.459	-.00177	-.00031	.00217	-.01606	.00172	134.34
Stddev	.00005	.108	.00053	.00016	.00045	.02058	.00008	.00
%RSD	13.659	.17288	29.931	53.427	20.684	128.10	4.4823	.00174

#1	-.00040	62.383	-.00215	-.00042	.00249	-.03061	.00166	134.34
#2	-.00033	62.536	-.00140	-.00019	.00186	-.00151	.00177	134.35

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	.00046	1033.0	.00124	-.00014	44.344	.00122	.44866
Stddev	.00059	.00043	11.2	.00067	.00002	.168	.00008	.01455
%RSD	21.120	93.118	1.0845	53.621	10.826	.37984	6.6915	3.2422

#1	-.00239	.00076	1040.9	.00171	-.00015	44.225	.00117	.43837
#2	-.00322	.00016	1025.0	.00077	-.00013	44.463	.00128	.45895

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.71	.93759	-.03893	-.00080	.15438	.0862	.86298	7.6976
Stddev	.06	.00365	.00090	.00085	.01426	.0008	.00569	.3859
%RSD	.05427	.38945	2.3222	106.93	9.2364	.8936	.65920	5.0135

#1	107.75	.93501	-.03957	-.00140	.14430	.0868	.85896	7.4247
#2	107.67	.94017	-.03829	-.00019	.16446	.0857	.86701	7.9705

Sample Name: J5052-07 Acquired: 9/26/2018 0:37:19 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.1871
 Stddev .6065
 %RSD 11.692

#1 5.6159
 #2 4.7583

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.0	44538.	4043.3	95.723	2879.9
Stddev	7.6	60.	19.9	.693	6.7
%RSD	.37814	.13535	.49331	.72369	.23301

#1	1997.6	44580.	4057.4	96.213	2875.1
#2	2008.4	44495.	4029.2	95.233	2884.6

Sample Name: J5052-08 Acquired: 9/26/2018 0:41:29 Type: Unk
Method: P4-ICP2(v2455) 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	.00695	-.00008	.00412	.00023	-.00365	-.04373	.02454	.00002
Stddev	.00180	.00023	.00153	.00167	.00130	.00640	.00041	.00001
%RSD	25.961	297.41	37.239	725.73	35.687	14.623	1.6773	54.077

#1	.00568	.00009	.00303	.00142	-.00457	-.04826	.02483	.00003
#2	.00823	-.00024	.00520	-.00095	-.00273	-.03921	.02425	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	104.59	-.00210	-.00039	.00230	-.02427	.00938	282.76
Stddev	.00020	.34	.00042	.00014	.00013	.00147	.00019	1.83
%RSD	47.676	.32539	20.048	36.395	5.6573	6.0623	1.9746	.64880

#1	-.00028	104.83	-.00240	-.00029	.00221	-.02323	.00951	284.06
#2	-.00056	104.35	-.00181	-.00049	.00239	-.02531	.00925	281.46

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00424	-.00002	1938.5	.00139	-.00035	95.748	.00235	.95399
Stddev	.00032	.00014	24.8	.00022	.00013	.547	.00043	.00220
%RSD	7.6490	833.44	1.2793	16.088	37.061	.57117	18.374	.23058

#1	-.00401	-.00011	1956.0	.00123	-.00026	96.134	.00266	.95555
#2	-.00447	.00008	1921.0	.00154	-.00045	95.361	.00205	.95244

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	240.77	1.0733	-.08713	-.00136	.36508	.1201	1.7368	10.340
Stddev	2.39	.0195	.00145	.00174	.01386	.0052	.0099	.776
%RSD	.99360	1.8151	1.6586	127.93	3.7951	4.358	.56988	7.5011

#1	239.08	1.0596	-.08611	-.00013	.35528	.1238	1.7438	10.889
#2	242.46	1.0871	-.08815	-.00259	.37488	.1164	1.7298	9.7918

Sample Name: J5052-08 Acquired: 9/26/2018 0:41:29 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1274
 Stddev .2538
 %RSD 4.1423

#1 5.9480
 #2 6.3069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.5	42134.	3976.6	90.232	2606.6
Stddev	23.5	338.	4.7	3.891	36.6
%RSD	1.2465	.80323	.11934	4.3120	1.4026

#1	1903.2	41895.	3980.0	87.481	2632.4
#2	1869.9	42374.	3973.3	92.983	2580.7

Sample Name: J5052-09 Acquired: 9/26/2018 0:45:39 Type: Unk
Method: P4-ICP2(v2455) 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	.00842	.00002	.00090	.00370	-.00495	-.01816	.02255	.00008
Stddev	.00068	.00073	.00046	.00618	.00023	.01601	.00028	.00004
%RSD	8.0843	4599.4	51.083	167.03	4.6449	88.178	1.2340	45.464

#1	.00794	-.00050	.00057	-.00067	-.00511	-.02948	.02236	.00011
#2	.00891	.00053	.00123	.00807	-.00478	-.00684	.02275	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	60.224	-.00118	-.00016	.00239	-.00343	.00157	127.78
Stddev	.00010	.182	.00045	.00016	.00018	.00811	.00003	.34
%RSD	29.067	.30295	37.818	99.782	7.5840	236.59	1.9174	.26299

#1	-.00043	60.353	-.00149	-.00028	.00226	.00231	.00159	128.02
#2	-.00028	60.095	-.00086	-.00005	.00252	-.00916	.00155	127.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	.00022	983.99	.00115	-.00152	42.595	.00131	.44187
Stddev	.00048	.00011	2.15	.00026	.00010	.027	.00011	.01808
%RSD	15.856	48.711	.21872	22.886	6.7761	.06389	8.6576	4.0924

#1	-.00266	.00014	985.51	.00096	-.00160	42.576	.00123	.42908
#2	-.00333	.00029	982.47	.00133	-.00145	42.614	.00139	.45465

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.85	.94322	-.03803	-.00071	.15280	.0823	.83390	6.8182
Stddev	.09	.01020	.00012	.00007	.00928	.0024	.00082	.5475
%RSD	.09026	1.0812	.30875	9.8871	6.0714	2.974	.09858	8.0302

#1	103.78	.95043	-.03812	-.00076	.15936	.0806	.83331	6.4310
#2	103.92	.93601	-.03795	-.00066	.14624	.0840	.83448	7.2053

Sample Name: J5052-09 Acquired: 9/26/2018 0:45:39 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8323
Stddev .3432
%RSD 7.1019

#1 5.0749
#2 4.5896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.6	45052.	4090.7	95.276	2888.9
Stddev	1.7	131.	10.4	.407	3.5
%RSD	.08513	.29107	.25526	.42714	.12234

#1	2001.4	45145.	4083.3	95.564	2886.4
#2	2003.8	44959.	4098.1	94.989	2891.4

Sample Name: J5052-10 Acquired: 9/26/2018 0:49:49 Type: Unk
Method: P4-ICP2(v2455) 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	.00720	.00101	.00277	.00111	-.00420	.00058	.02406	.00009
Stddev	.00186	.00266	.00029	.00594	.00182	.01122	.00042	.00002
%RSD	25.805	262.73	10.609	536.45	43.263	1931.2	1.7657	24.798

#1	.00589	.00290	.00298	-.00309	-.00291	.00852	.02436	.00008
#2	.00851	-.00087	.00256	.00531	-.00548	-.00736	.02376	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	60.965	-.00078	-.00020	.00174	-.01225	.00141	126.98
Stddev	.00012	.191	.00070	.00032	.00007	.00101	.00008	.57
%RSD	40.348	.31338	88.976	159.27	4.0716	8.2165	5.4061	.44730

#1	-.00022	61.100	-.00029	.00003	.00169	-.01296	.00135	127.38
#2	-.00039	60.830	-.00127	-.00043	.00179	-.01154	.00146	126.58

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	.00002	988.71	.00162	.00028	42.388	.00124	.43147
Stddev	.00077	.00004	7.65	.00036	.00007	.193	.00030	.01922
%RSD	28.580	286.48	.77416	22.377	22.889	.45541	24.023	4.4545

#1	-.00324	-.00002	994.12	.00136	.00024	42.524	.00145	.44506
#2	-.00215	.00005	983.30	.00188	.00033	42.251	.00103	.41788

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.14	.94102	-.03803	.00088	.14423	.0846	.83502	7.1207
Stddev	.23	.01404	.00055	.00111	.01017	.0015	.00348	.0597
%RSD	.22141	1.4920	1.4401	125.53	7.0532	1.754	.41639	.83767

#1	102.30	.95094	-.03841	.00010	.15143	.0836	.83748	7.0785
#2	101.98	.93109	-.03764	.00166	.13704	.0857	.83257	7.1629

Sample Name: J5052-10 Acquired: 9/26/2018 0:49:49 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7090
 Stddev .5986
 %RSD 12.711

#1 5.1322
 #2 4.2857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.7	45216.	4059.5	96.083	2896.3
Stddev	2.3	124.	11.6	2.636	3.7
%RSD	.11233	.27371	.28588	2.7440	.12929

#1	2009.1	45304.	4051.3	97.947	2898.9
#2	2012.3	45129.	4067.7	94.219	2893.6

Sample Name: J5052-11 Acquired: 9/26/2018 0:53:59 Type: Unk
Method: P4-ICP2(v2455) 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	.00777	.00232	.00276	.00150	-.00121	-.00967	.02386	.00005
Stddev	.00256	.00040	.00010	.00426	.00036	.00902	.00045	.00003
%RSD	32.922	17.121	3.7060	283.64	29.899	93.273	1.9013	66.451

#1	.00596	.00204	.00269	-.00151	-.00146	-.00329	.02353	.00007
#2	.00958	.00260	.00284	.00451	-.00095	-.01604	.02418	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	58.498	-.00134	-.00029	.00161	-.01851	.00946	121.74
Stddev	.00013	.612	.00079	.00026	.00044	.00594	.00007	.18
%RSD	51.998	1.0457	58.904	89.812	27.332	32.077	.73734	.14737

#1	-.00016	58.930	-.00078	-.00011	.00192	-.01431	.00951	121.87
#2	-.00034	58.065	-.00190	-.00047	.00130	-.02271	.00941	121.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.00016	937.13	.00240	-.00149	40.025	.00137	.39658
Stddev	.00014	.00009	16.92	.00015	.00013	.312	.00016	.01095
%RSD	4.9675	59.444	1.8057	6.1164	8.9102	.77999	11.411	2.7621

#1	-.00283	.00023	949.09	.00230	-.00158	40.246	.00126	.38883
#2	-.00263	.00009	925.16	.00250	-.00139	39.804	.00149	.40432

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	97.590	.97958	-.03451	-.00041	.11766	.0871	.79216	6.4128
Stddev	.744	.00433	.00050	.00346	.01591	.0007	.00990	.1079
%RSD	.76186	.44219	1.4426	838.41	13.520	.7835	1.2496	1.6820

#1	97.064	.98264	-.03486	-.00286	.10641	.0876	.79916	6.3365
#2	98.116	.97652	-.03415	.00203	.12891	.0866	.78516	6.4890

Sample Name: J5052-11 Acquired: 9/26/2018 0:53:59 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.7557
Stddev .4782
%RSD 10.055

#1 5.0938
#2 4.4176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.9	45114.	4139.9	96.254	2909.4
Stddev	23.9	93.	37.6	2.395	33.3
%RSD	1.1847	.20572	.90946	2.4882	1.1429

#1	2034.8	45049.	4113.3	97.948	2932.9
#2	2001.0	45180.	4166.5	94.561	2885.9

Sample Name: J5052-12 Acquired: 9/26/2018 0:58:09 Type: Unk
Method: P4-ICP2(v2455) 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	.01035	.00110	.00194	.00404	-.00274	-.01412	.02393	.00009
Stddev	.00035	.00079	.00110	.00280	.00176	.01020	.00031	.00002
%RSD	3.3511	71.698	56.727	69.241	64.177	72.273	1.3085	19.411

#1	.01010	.00054	.00116	.00601	-.00398	-.00690	.02371	.00008
#2	.01059	.00166	.00272	.00206	-.00150	-.02133	.02415	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	57.538	-.00122	-.00022	.00183	-.00300	.00312	117.33
Stddev	.00003	.185	.00001	.00026	.00062	.01669	.00003	.27
%RSD	12.038	.32187	.68974	122.45	33.941	555.52	1.0625	.23194

#1	-.00025	57.407	-.00123	-.00003	.00227	.00880	.00310	117.14
#2	-.00021	57.669	-.00122	-.00040	.00139	-.01480	.00314	117.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	.00029	922.79	.00140	-.00130	39.065	.00128	.40705
Stddev	.00023	.00010	3.95	.00027	.00020	.078	.00005	.00284
%RSD	8.5158	36.075	.42827	18.987	15.465	.19946	3.5166	.69707

#1	-.00249	.00036	919.99	.00159	-.00116	39.010	.00125	.40504
#2	-.00281	.00021	925.58	.00121	-.00144	39.120	.00131	.40905

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.987	.97649	-.03458	-.00327	.12848	.0873	.77597	6.6556
Stddev	.865	.00058	.00115	.00117	.01079	.0032	.00349	.2564
%RSD	.91069	.05925	3.3151	35.654	8.3965	3.714	.45038	3.8522

#1	94.376	.97690	-.03377	-.00410	.12085	.0896	.77350	6.4743
#2	95.599	.97608	-.03539	-.00245	.13611	.0850	.77844	6.8369

Sample Name: J5052-12 Acquired: 9/26/2018 0:58:09 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.0583
 Stddev .5255
 %RSD 10.389

#1 5.4299
 #2 4.6867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.5	44921.	4086.6	96.135	2910.8
Stddev	15.0	124.	22.9	.416	24.4
%RSD	.74664	.27542	.56085	.43280	.83725

#1	2026.2	45009.	4102.8	95.841	2928.1
#2	2004.9	44834.	4070.4	96.430	2893.6

Sample Name: CCV17 Acquired: 9/26/2018 1:02:19 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3166	5.3109	5.3385	5.4450	F 5.5696	F 11.044	10.230	.26617
Stddev	.0091	.0013	.0091	.0080	.0008	.009	.014	.00043
%RSD	.17026	.02371	.17110	.14736	.01416	.08057	.14048	.16015

#1	5.3230	5.3100	5.3450	5.4394	5.5702	11.050	10.240	.26647
#2	5.3102	5.3118	5.3321	5.4507	5.5691	11.037	10.220	.26587

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7137	26.369	1.0594	2.6525	1.3627	F 5.5377	2.6816	25.516
Stddev	.0010	.105	.0001	.0001	.0022	.0123	.0050	.003
%RSD	.03675	.39824	.01060	.00333	.15957	.22254	.18662	.01102

#1	2.7144	26.295	1.0595	2.6524	1.3643	5.5290	2.6851	25.518
#2	2.7130	26.444	1.0594	2.6525	1.3612	5.5464	2.6780	25.514

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6355	1.3078	27.410	2.6845	F 2.7880	26.985	5.3526	5.1288
Stddev	.0007	.0003	.065	.0043	.0024	.068	.0040	.0330
%RSD	.02515	.02453	.23601	.16123	.08483	.25300	.07510	.64237

#1	2.6350	1.3076	27.364	2.6875	2.7863	26.936	5.3555	5.1055
#2	2.6360	1.3080	27.456	2.6814	2.7896	27.033	5.3498	5.1521

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2521	5.0452	5.2227	5.3816	4.8152	5.351	F 5.5023	F 4.2037
Stddev	.0109	.0452	.0127	.0091	.0200	.025	.0027	.3350
%RSD	.20834	.89665	.24229	.16812	.41518	.4694	.04934	7.9693

#1	5.2598	5.0132	5.2137	5.3752	4.8010	5.369	5.5042	4.4406
#2	5.2443	5.0771	5.2316	5.3880	4.8293	5.333	5.5004	3.9668

Sample Name: CCV17 Acquired: 9/26/2018 1:02:19 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7061
Stddev .0081
%RSD .21823

#1 3.7118
#2 3.7004

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.4	47239.	4026.8	92.391	3198.1
Stddev	6.8	339.	7.0	.258	12.4
%RSD	.33051	.71685	.17348	.27963	.38780

#1	2060.5	47000.	4021.8	92.209	3189.3
#2	2070.2	47479.	4031.7	92.574	3206.8

Sample Name: CCB17 Acquired: 9/26/2018 1:06:06 Type: Unk
Method: P4-ICP2(v2455) 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	.00444	.00239	-.00110	-.00077	-.00013	.01047	.00202	-.00011
Stddev	.00168	.00027	.00071	.00147	.00135	.01366	.00009	.00010
%RSD	37.782	11.315	64.432	191.50	1008.8	130.55	4.4480	88.943

#1	.00325	.00258	-.00060	.00027	-.00109	.02013	.00208	-.00004
#2	.00562	.00220	-.00161	-.00181	.00082	.00080	.00196	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00690	-.00109	-.00004	.00020	.02246	-.00018	-.00400
Stddev	.00004	.01666	.00031	.00009	.00039	.01278	.00007	.00377
%RSD	62.817	241.37	28.595	206.00	193.45	56.925	39.427	94.360

#1	.00010	.00488	-.00131	.00002	.00047	.01342	-.00023	-.00133
#2	.00004	-.01869	-.00087	-.00010	-.00007	.03150	-.00013	-.00666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00018	F 1.7451	.00064	-.00190	.25341	.00118	-.00058
Stddev	.00031	.00014	.1146	.00046	.00017	.01111	.00007	.01052
%RSD	156.11	79.777	6.5664	71.583	9.0664	4.3825	5.5566	1824.6

#1	.00042	.00008	1.6641	.00097	-.00178	.26126	.00122	-.00801
#2	-.00002	.00028	1.8261	.00032	-.00203	.24556	.00113	.00686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00027	-.00091	.00131	.00306	.0016	-.00002	F 1.4036
Stddev	.00443	.00015	.00040	.00281	.00953	.0008	.00011	.9215
%RSD	368.42	54.396	43.413	214.90	310.93	52.35	448.24	65.656

#1	.00434	-.00037	-.00063	.00330	.00980	.0022	-.00010	2.0552
#2	-.00193	-.00017	-.00119	-.00068	-.00367	.0010	.00005	.75195

Sample Name: CCB17 Acquired: 9/26/2018 1:06:06 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .98860
Stddev	.29823
%RSD	30.167

#1	.77771
#2	1.1995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.8	49175.	4038.6	94.745	3589.0
Stddev	4.3	181.	.1	.102	7.1
%RSD	.19985	.36817	.00310	.10743	.19876

#1	2135.7	49047.	4038.7	94.817	3584.0
#2	2141.8	49303.	4038.5	94.673	3594.1

Sample Name: J5052-13 Acquired: 9/26/2018 1:10:13 Type: Unk
Method: P4-ICP2(v2455) 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	.00593	.00153	.00191	.00173	-.00495	-.01041	.02386	.00009
Stddev	.00129	.00204	.00036	.00521	.00126	.00633	.00058	.00003
%RSD	21.707	133.04	18.692	301.58	25.452	60.800	2.4314	31.051

#1	.00502	.00009	.00216	.00541	-.00584	-.00593	.02345	.00011
#2	.00684	.00298	.00166	-.00196	-.00406	-.01488	.02427	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	56.479	-.00161	-.00043	.00158	-.00611	.00320	113.03
Stddev	.00016	.317	.00016	.00012	.00009	.00958	.00010	.69
%RSD	68.210	.56198	10.256	28.065	5.4868	156.93	3.0295	.60979

#1	-.00034	56.703	-.00149	-.00052	.00152	.00067	.00327	113.52
#2	-.00012	56.255	-.00172	-.00034	.00164	-.01288	.00313	112.54

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	.00028	897.49	.00141	-.00177	37.582	.00133	.38334
Stddev	.00042	.00040	.52	.00022	.00000	.084	.00002	.00529
%RSD	14.810	139.12	.05806	15.830	.25486	.22432	1.2926	1.3798

#1	-.00257	.00056	897.12	.00157	-.00177	37.642	.00132	.37960
#2	-.00317	.00000	897.86	.00125	-.00177	37.523	.00135	.38708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.136	.99377	-.03256	-.00306	.12444	.0857	.74853	6.4664
Stddev	.248	.00412	.00084	.00070	.00159	.0049	.00032	.2854
%RSD	.27222	.41459	2.5823	22.732	1.2756	5.747	.04242	4.4140

#1	90.960	.99086	-.03316	-.00355	.12557	.0822	.74831	6.2645
#2	91.311	.99669	-.03197	-.00257	.12332	.0892	.74876	6.6682

Sample Name: J5052-13 Acquired: 9/26/2018 1:10:13 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.8965
 Stddev .4236
 %RSD 8.6518

#1 4.5969
 #2 5.1960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.8	45525.	4106.1	93.574	2936.5
Stddev	3.5	79.	10.5	2.794	7.6
%RSD	.17387	.17274	.25574	2.9863	.25836

#1	2036.3	45580.	4098.6	91.598	2941.9
#2	2031.3	45469.	4113.5	95.550	2931.2

Sample Name: J5052-14 Acquired: 9/26/2018 1:14:23 Type: Unk
Method: P4-ICP2(v2455) 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	.00851	.00194	.00208	.00407	-.00431	-.00990	.02347	.00008
Stddev	.00073	.00251	.00089	.00331	.00070	.00840	.00111	.00010
%RSD	8.6031	129.42	42.713	81.250	16.133	84.850	4.7154	121.17

#1	.00800	.00016	.00270	.00173	-.00382	-.00396	.02269	.00001
#2	.00903	.00372	.00145	.00641	-.00481	-.01584	.02425	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	55.438	-.00132	-.00008	.00161	-.01881	.00170	110.56
Stddev	.00006	.138	.00062	.00022	.00052	.00092	.00001	.20
%RSD	18.287	.24921	47.012	268.07	32.138	4.8786	.62158	.17707

#1	-.00039	55.340	-.00176	-.00024	.00197	-.01945	.00171	110.42
#2	-.00030	55.536	-.00088	.00007	.00124	-.01816	.00170	110.70

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	.00052	874.19	.00145	-.00161	36.569	.00129	.37064
Stddev	.00002	.00020	3.41	.00065	.00007	.078	.00004	.01477
%RSD	.72063	38.047	.38959	44.664	4.5815	.21198	3.4049	3.9853

#1	-.00275	.00066	871.79	.00099	-.00155	36.515	.00126	.38109
#2	-.00278	.00038	876.60	.00191	-.00166	36.624	.00132	.36020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.695	.96007	-.03134	.00050	.11061	.0804	.73397	6.1533
Stddev	.021	.01033	.00073	.00216	.00163	.0018	.00020	.4662
%RSD	.02393	1.0756	2.3332	432.17	1.4724	2.283	.02760	7.5756

#1	88.680	.95277	-.03185	-.00103	.11176	.0817	.73382	5.8237
#2	88.710	.96737	-.03082	.00203	.10945	.0791	.73411	6.4829

Sample Name: J5052-14 Acquired: 9/26/2018 1:14:23 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.6659
Stddev .1446
%RSD 3.0984

#1 4.7682
#2 4.5637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.2	45463.	4128.8	97.271	2934.9
Stddev	1.4	59.	34.7	.418	5.2
%RSD	.06777	.12984	.83955	.42995	.17811

#1	2024.2	45421.	4153.3	97.566	2931.2
#2	2022.3	45505.	4104.2	96.975	2938.6

Sample Name: J5052-15 Acquired: 9/26/2018 1:18:33 Type: Unk
Method: P4-ICP2(v2455) 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	.00612	.00195	.00291	.00670	-.00377	-.00367	.02286	-.00004
Stddev	.00012	.00022	.00044	.00448	.00002	.02293	.00045	.00004
%RSD	1.9966	11.038	15.108	66.904	.52422	624.48	1.9737	109.45

#1	.00621	.00180	.00322	.00987	-.00378	-.01989	.02254	-.00001
#2	.00604	.00210	.00260	.00353	-.00375	.01254	.02318	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	60.988	-.00175	-.00017	.00175	.01170	.00530	127.41
Stddev	.00006	.139	.00095	.00012	.00025	.01291	.00008	.17
%RSD	13.960	.22821	54.385	70.558	14.033	110.36	1.5804	.13619

#1	-.00036	61.086	-.00108	-.00009	.00192	.00257	.00536	127.53
#2	-.00044	60.890	-.00242	-.00026	.00158	.02083	.00524	127.29

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00318	.00017	1000.7	.00090	-.00149	42.477	.00142	.43026
Stddev	.00051	.00046	7.8	.00004	.00001	.081	.00027	.00969
%RSD	16.009	276.38	.77729	4.3568	.89150	.19006	19.253	2.2512

#1	-.00282	-.00016	1006.2	.00092	-.00150	42.534	.00123	.42341
#2	-.00354	.00049	995.22	.00087	-.00148	42.420	.00162	.43711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.22	.93846	-.03715	-.00212	.14900	.0822	.83921	6.4800
Stddev	.64	.00013	.00096	.00093	.00353	.0013	.00064	.1435
%RSD	.62037	.01414	2.5776	43.851	2.3714	1.575	.07637	2.2140

#1	102.77	.93837	-.03648	-.00147	.15150	.0831	.83876	6.5814
#2	103.68	.93855	-.03783	-.00278	.14651	.0813	.83967	6.3785

Sample Name: J5052-15 Acquired: 9/26/2018 1:18:33 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.2986
 Stddev .1470
 %RSD 3.4199

#1 4.4025
 #2 4.1946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.0	44943.	4082.6	95.694	2881.9
Stddev	12.6	123.	8.5	.662	18.6
%RSD	.63165	.27373	.20933	.69129	.64500

#1	2009.9	44856.	4076.5	96.162	2895.0
#2	1992.1	45030.	4088.6	95.226	2868.7

Sample Name: J5052-16 Acquired: 9/26/2018 1:22:43 Type: Unk
Method: P4-ICP2(v2455) 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	.00744	.00155	.00070	.00432	-.00423	-.00342	.02349	.00003
Stddev	.00221	.00163	.00071	.00309	.00156	.00132	.00003	.00004
%RSD	29.727	105.11	101.07	71.522	36.760	38.443	.12548	121.09

#1	.00587	.00271	.00020	.00650	-.00313	-.00249	.02351	.00006
#2	.00900	.00040	.00120	.00213	-.00533	-.00436	.02346	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	55.733	-.00162	-.00040	.00217	-.00274	.00293	111.96
Stddev	.00014	.494	.00107	.00018	.00031	.00711	.00009	.09
%RSD	91.703	.88633	66.507	44.891	14.220	259.81	3.1622	.07735

#1	-.00005	55.384	-.00238	-.00027	.00195	-.00776	.00286	112.02
#2	-.00025	56.082	-.00086	-.00053	.00239	.00229	.00299	111.90

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	.00019	880.49	.00207	-.00167	37.059	.00111	.37623
Stddev	.00063	.00036	6.38	.00112	.00003	.228	.00040	.00516
%RSD	19.865	191.08	.72458	54.140	2.0804	.61435	35.763	1.3720

#1	-.00275	.00044	885.00	.00128	-.00164	36.898	.00139	.37258
#2	-.00364	-.00007	875.98	.00287	-.00169	37.220	.00083	.37988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.637	.91908	-.03437	-.00012	.12309	.0783	.73908	7.1333
Stddev	.248	.01359	.00075	.00129	.01233	.0013	.00532	.5529
%RSD	.27668	1.4789	2.1746	1062.2	10.019	1.635	.71997	7.7514

#1	89.812	.92870	-.03385	.00079	.13181	.0792	.73532	6.7423
#2	89.462	.90947	-.03490	-.00103	.11437	.0774	.74284	7.5242

Sample Name: J5052-16 Acquired: 9/26/2018 1:22:43 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9246
Stddev .3323
%RSD 6.7476

#1 5.1595
#2 4.6896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.8	45021.	4084.3	94.249	2921.8
Stddev	4.7	204.	11.0	.582	5.8
%RSD	.23144	.45287	.27052	.61758	.19986

#1	2015.5	45165.	4092.1	93.837	2917.7
#2	2022.1	44877.	4076.5	94.661	2926.0

Sample Name: J5052-17 Acquired: 9/26/2018 1:26:53 Type: Unk
Method: P4-ICP2(v2455) 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	.00900	-.00060	.00240	.00212	-.00293	-.02308	.02346	.00010
Stddev	.00207	.00263	.00051	.00284	.00075	.02969	.00029	.00007
%RSD	22.983	440.97	21.179	133.75	25.415	128.64	1.2254	73.433

#1	.01046	-.00246	.00204	.00012	-.00346	-.00209	.02366	.00005
#2	.00754	.00126	.00276	.00413	-.00241	-.04408	.02326	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	58.274	-.00150	-.00030	.00174	-.00349	.00405	119.85
Stddev	.00014	.318	.00045	.00040	.00048	.00204	.00005	.21
%RSD	144.84	.54510	30.019	133.51	27.419	58.384	1.2481	.17919

#1	-.00020	58.498	-.00118	-.00002	.00140	-.00493	.00409	120.00
#2	.00000	58.049	-.00181	-.00058	.00208	-.00205	.00401	119.70

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	.00036	938.40	.00124	-.00066	39.716	.00129	.39551
Stddev	.00067	.00029	4.27	.00063	.00013	.126	.00005	.02520
%RSD	23.027	80.205	.45486	50.606	19.556	.31782	3.7115	6.3718

#1	-.00242	.00057	941.41	.00168	-.00075	39.806	.00125	.41333
#2	-.00336	.00016	935.38	.00079	-.00057	39.627	.00132	.37769

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.948	.93244	-.03503	.00073	.13386	.0796	.78870	6.7304
Stddev	.646	.00515	.00091	.00120	.00409	.0002	.00324	.3399
%RSD	.67277	.55193	2.5843	164.65	3.0589	.2063	.41123	5.0500

#1	96.405	.92880	-.03439	-.00012	.13097	.0795	.79100	6.4901
#2	95.492	.93608	-.03567	.00158	.13676	.0798	.78641	6.9707

Sample Name: J5052-17 Acquired: 9/26/2018 1:26:53 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4545
 Stddev .1301
 %RSD 2.9212

#1 4.3625
 #2 4.5465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.0	45187.	4086.4	94.699	2912.8
Stddev	5.9	15.	9.9	1.147	14.1
%RSD	.29060	.03420	.24262	1.2110	.48359

#1	2009.9	45198.	4093.4	95.510	2902.8
#2	2018.2	45176.	4079.4	93.888	2922.7

Sample Name: J5052-18 Acquired: 9/26/2018 1:31:03 Type: Unk
Method: P4-ICP2(v2455) 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	.00393	.00092	.00024	.00144	-.00301	-.01221	.02181	.00008
Stddev	.00156	.00082	.00171	.00478	.00185	.03517	.00013	.00004
%RSD	39.671	89.139	702.64	331.57	61.337	287.93	.58958	49.207

#1	.00503	.00034	-.00097	.00482	-.00432	.01265	.02190	.00011
#2	.00283	.00149	.00146	-.00194	-.00171	-.03708	.02172	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	49.103	-.00105	-.00043	.00134	-.01098	.00215	86.781
Stddev	.00002	.006	.00048	.00014	.00032	.00810	.00005	.047
%RSD	20.814	.01240	45.341	33.352	23.687	73.776	2.5014	.05470

#1	-.00013	49.099	-.00139	-.00054	.00112	-.00525	.00212	86.815
#2	-.00009	49.108	-.00071	-.00033	.00157	-.01670	.00219	86.748

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	.00075	699.95	.00127	-.00172	28.478	.00070	.29547
Stddev	.00017	.00011	11.65	.00063	.00004	.342	.00002	.00896
%RSD	7.2506	15.193	1.6645	49.115	2.4117	1.2025	2.9683	3.0316

#1	-.00218	.00067	691.71	.00083	-.00175	28.236	.00068	.28913
#2	-.00242	.00083	708.19	.00171	-.00169	28.720	.00071	.30180

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.944	.86078	-.02424	.00037	.07664	.0690	.59492	5.7811
Stddev	.272	.01771	.00013	.00140	.00421	.0017	.00733	.1882
%RSD	.39498	2.0579	.54223	383.71	5.4980	2.411	1.2324	3.2561

#1	69.137	.84825	-.02434	-.00063	.07366	.0701	.58974	5.6480
#2	68.752	.87330	-.02415	.00136	.07962	.0678	.60011	5.9142

Sample Name: J5052-18 Acquired: 9/26/2018 1:31:03 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.0365
 Stddev .2225
 %RSD 4.4173

#1 5.1938
 #2 4.8792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.1	45950.	4153.6	96.183	3013.5
Stddev	.4	106.	48.8	.294	3.2
%RSD	.02009	.23003	1.1746	.30600	.10491

#1	2056.4	46025.	4188.1	95.975	3011.3
#2	2055.8	45875.	4119.1	96.391	3015.8

Sample Name: PB113190BL Acquired: 9/26/2018 1:35:13 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113183BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00255	-.00042	-.00178	.00158	-.00115	.00472	.00132	-.00005
Stddev	.00459	.00122	.00009	.00080	.00090	.00167	.00047	.00003
%RSD	180.33	291.92	4.9155	50.755	78.032	35.451	35.542	60.121
#1	.00579	.00044	-.00184	.00214	-.00179	.00590	.00165	-.00003
#2	-.00070	-.00128	-.00171	.00101	-.00052	.00354	.00099	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00855	-.00090	-.00008	.00021	.00724	-.00020	-.04684
Stddev	.00006	.00785	.00049	.00009	.00073	.00222	.00004	.02128
%RSD	172.32	91.770	54.999	104.93	342.29	30.639	19.165	45.442
#1	.00001	-.01410	-.00124	-.00002	-.00030	.00567	-.00017	-.03179
#2	-.00008	-.00300	-.00055	-.00014	.00073	.00881	-.00023	-.06189
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00051	F 2.8264	.00101	-.00176	.39939	-.00005	-.00603
Stddev	.00058	.00009	.0996	.00001	.00008	.06738	.00036	.01247
%RSD	404.20	17.022	3.5252	1.2049	4.6781	16.870	692.41	206.82
#1	-.00056	-.00045	2.7559	.00101	-.00182	.35174	-.00031	.00279
#2	.00027	-.00057	2.8968	.00100	-.00170	.44703	.00021	-.01485
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01277	-.00415	-.00107	.00007	F .01682	-.0013	-.00008	F 2.4822
Stddev	.00522	.00077	.00127	.00138	.00564	.0026	.00003	.4025
%RSD	40.853	18.637	119.29	1953.3	33.516	198.5	35.945	16.215
#1	.01646	-.00360	-.00197	.00104	.01283	.0005	-.00006	2.7668
#2	.00908	-.00469	-.00017	-.00090	.02080	-.0031	-.00011	2.1976

Sample Name: PB113190BL Acquired: 9/26/2018 1:35:13 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113183BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2148
Stddev .0401
%RSD 3.3035

#1 1.1865
#2 1.2432

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.1	48923.	4046.1	96.231	3582.0
Stddev	.1	196.	49.2	1.586	1.3
%RSD	.00650	.40007	1.2168	1.6477	.03566

#1	2138.0	48785.	4011.3	97.352	3581.1
#2	2138.2	49062.	4080.9	95.110	3582.9

Sample Name: PB113190BS Acquired: 9/26/2018 1:39:20 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113183BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83571	2.1597	1.0195	2.1565	.84850	2.0520	.20334
Stddev	.00380	.0079	.0048	.0039	.00149	.0095	.00035
%RSD	.45494	.36783	.46867	.17845	.17525	.46252	.17328

#1	.83302	2.1541	1.0162	2.1538	.84955	2.0587	.20309
#2	.83840	2.1654	1.0229	2.1593	.84745	2.0453	.20359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20276	.21269	1.0370	.42025	.20060	.31435	3.1482
Stddev	.00003	.00031	.0085	.00340	.00043	.00046	.0507
%RSD	.01370	.14386	.81746	.80829	.21569	.14699	1.6109

#1	.20278	.21291	1.0430	.41785	.20091	.31467	3.1124
#2	.20274	.21248	1.0310	.42265	.20030	.31402	3.1841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21462	1.9755	.50140	.07403	F 4.1640	.31549	.22061
Stddev	.00033	.0335	.00071	.00002	.0871	.00222	.00214
%RSD	.15262	1.6948	.14218	.02731	2.0907	.70290	.96885

#1	.21439	1.9991	.50191	.07404	4.1024	.31392	.21910
#2	.21486	1.9518	.50090	.07401	4.2256	.31705	.22212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.347	.42250	.29050	F -.00175	.90367	.69072	.21346
Stddev	.010	.00022	.00647	.00067	.00163	.00169	.00197
%RSD	.09701	.05307	2.2282	38.313	.18000	.24469	.92079

#1	10.340	.42234	.28592	-.00222	.90252	.68953	.21207
#2	10.354	.42266	.29508	-.00128	.90482	.69192	.21485

Sample Name: PB113190BS Acquired: 9/26/2018 1:39:20 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113183BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.7887	5.540	.20824	F 2.3916	F 1.2733
Stddev	.0119	.004	.00020	.4293	.2036
%RSD	.66512	.0634	.09521	17.950	15.989

#1	1.7803	5.537	.20810	2.0881	1.1294
#2	1.7971	5.542	.20838	2.6952	1.4173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.3	49063.	4053.6	96.345	3506.3
Stddev	5.9	35.	3.2	.742	12.8
%RSD	.27436	.07186	.07985	.77063	.36471

#1	2130.1	49088.	4051.3	96.870	3497.3
#2	2138.4	49038.	4055.9	95.820	3515.3

Sample Name: J5068-01 Acquired: 9/26/2018 1:43:14 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04154	-.02144	.03288	-.02116	.00019	95.490	.56318
Stddev	.00380	.00168	.00180	.00119	.00106	.519	.00128
%RSD	9.1397	7.8422	5.4758	5.6156	560.89	.54354	.22663

#1	.03885	-.02025	.03160	-.02200	.00094	95.123	.56228
#2	.04422	-.02263	.03415	-.02032	-.00056	95.857	.56409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	.00209	11.898	.11118	.07231	.17638	163.36
Stddev	.00013	.00037	.056	.00158	.00034	.00169	1.61
%RSD	3.1917	17.513	.47314	1.4206	.46473	.95538	.98819

#1	.00432	.00235	11.858	.11230	.07208	.17757	162.22
#2	.00413	.00183	11.938	.11006	.07255	.17519	164.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0224	12.849	.12836	.00281	.46194	.15982	.36024
Stddev	.0063	.006	.00048	.00001	.03062	.00076	.00362
%RSD	.20887	.04613	.37066	.35893	6.6278	.47340	1.0042

#1	3.0180	12.845	.12870	.00281	.44029	.16036	.35768
#2	3.0269	12.853	.12803	.00280	.48359	.15929	.36280

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0771	.00143	.11072	1.3031	3.7195	.00763	1.4980
Stddev	.0308	.00028	.00289	.0107	.0177	.00078	.0031
%RSD	.50630	19.824	2.6121	.82075	.47629	10.261	.20897

#1	6.0554	.00163	.10867	1.3106	3.7320	.00819	1.4958
#2	6.0989	.00123	.11276	1.2955	3.7069	.00708	1.5002

Sample Name: J5068-01 Acquired: 9/26/2018 1:43:14 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-1-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.50950	3.397	.08035	F<.00000	19.475
Stddev	.00136	.015	.00022	.58060	.369
%RSD	.26697	.4266	.26845	3.9824	1.8926

#1	.50853	3.407	.08020	-14.990	19.214
#2	.51046	3.387	.08050	-14.169	19.736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.6	60035.	5200.5	95.578	3278.8
Stddev	32.0	14.	4.1	.429	19.8
%RSD	1.2159	.02310	.07858	.44843	.60458

#1	2608.0	60045.	5197.6	95.881	3264.8
#2	2653.2	60026.	5203.3	95.275	3292.8

Sample Name: J5068-03 Acquired: 9/26/2018 1:47:13 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1-9FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03434	-.02836	.02533	-.02852	-.00183	89.547	.89936
Stddev	.00237	.00068	.00194	.00243	.00032	.258	.00823
%RSD	6.9099	2.3999	7.6517	8.5021	17.749	.28838	.91473

#1	.03602	-.02884	.02396	-.02681	-.00206	89.365	.90517
#2	.03266	-.02788	.02670	-.03024	-.00160	89.730	.89354

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	.00223	13.890	.10842	.09404	.16825	212.80
Stddev	.00012	.00011	.134	.00084	.00024	.00032	1.55
%RSD	1.9029	4.8635	.96765	.77115	.25875	.19180	.72727

#1	.00615	.00215	13.985	.10901	.09421	.16802	213.89
#2	.00631	.00230	13.795	.10783	.09387	.16848	211.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0867	20.631	.24393	.00416	.64022	.17815	.42267
Stddev	.0356	.048	.00062	.00017	.04635	.00127	.00240
%RSD	.39169	.23476	.25449	4.0132	7.2397	.71110	.56738

#1	9.0615	20.665	.24437	.00404	.60744	.17905	.42436
#2	9.1118	20.597	.24349	.00428	.67299	.17726	.42097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9026	-.00035	.14453	.48846	8.0388	.00629	2.0151
Stddev	.0544	.00012	.00071	.00530	.0203	.00006	.0108
%RSD	.54925	33.234	.49421	1.0860	.25250	.92202	.53377

#1	9.9411	-.00027	.14403	.48471	8.0532	.00633	2.0075
#2	9.8641	-.00043	.14504	.49221	8.0245	.00625	2.0227

Sample Name: J5068-03 Acquired: 9/26/2018 1:47:13 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-1-9FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.59285	5.065	.06328	F<.00000	23.232
Stddev	.00516	.004	.00026	.44410	.762
%RSD	.86970	.0736	.40673	3.2561	3.2784

#1	.58920	5.062	.06346	-13.953	22.694
#2	.59649	5.067	.06310	-13.325	23.771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.0	57635.	4939.6	94.092	3244.0
Stddev	25.0	43.	43.5	1.179	24.3
%RSD	.99352	.07420	.88065	1.2529	.75024

#1	2503.3	57604.	4908.8	93.259	3226.8
#2	2538.7	57665.	4970.3	94.926	3261.2

Sample Name: CCV18 Acquired: 9/26/2018 1:51:17 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2938	5.2906	5.3282	5.4105	F 5.5490	10.941	10.145	.26617
Stddev	.0040	.0025	.0106	.0024	.0014	.082	.036	.00057
%RSD	.07584	.04701	.19795	.04344	.02560	.74719	.35395	.21448

#1	5.2909	5.2923	5.3208	5.4121	5.5480	10.883	10.170	.26576
#2	5.2966	5.2888	5.3357	5.4088	5.5500	10.999	10.120	.26657

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7142	26.375	1.0656	2.6511	1.3648	F 5.5318	2.6763	25.298
Stddev	.0002	.043	.0015	.0048	.0012	.0477	.0046	.067
%RSD	.00754	.16491	.14425	.18226	.08988	.86150	.16987	.26499

#1	2.7140	26.344	1.0645	2.6546	1.3640	5.5655	2.6731	25.250
#2	2.7143	26.406	1.0667	2.6477	1.3657	5.4981	2.6795	25.345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6256	1.2987	26.050	2.6693	F 2.8148	26.309	5.3277	5.0738
Stddev	.0017	.0077	.037	.0102	.0178	.015	.0039	.0422
%RSD	.06507	.59240	.14192	.38281	.63135	.05799	.07252	.83117

#1	2.6244	1.2933	26.077	2.6621	2.8274	26.298	5.3250	5.0440
#2	2.6268	1.3042	26.024	2.6765	2.8022	26.319	5.3305	5.1036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2008	4.9834	5.1994	5.3615	4.7510	5.335	5.4677	F 3.7720
Stddev	.0236	.0180	.0043	.0098	.0044	.013	.0185	.4993
%RSD	.45299	.36166	.08198	.18258	.09303	.2417	.33795	13.236

#1	5.2174	4.9707	5.2025	5.3546	4.7542	5.344	5.4807	4.1250
#2	5.1841	4.9962	5.1964	5.3684	4.7479	5.326	5.4546	3.4189

Sample Name: CCV18 Acquired: 9/26/2018 1:51:17 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7416
Stddev .7458
%RSD 19.932

#1 3.2143
#2 4.2689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.1	47696.	4082.5	92.258	3224.9
Stddev	3.7	163.	18.0	.708	8.1
%RSD	.17918	.34231	.44051	.76718	.25199

#1	2075.4	47580.	4069.8	91.757	3219.2
#2	2080.7	47811.	4095.2	92.758	3230.6

Sample Name: CCB18 Acquired: 9/26/2018 1:55:05 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00166	-.00113	-.00177	.00010	.00649	.00250
Stddev	.00409	.00091	.00022	.00383	.00077	.01814	.00038
%RSD	121.09	54.669	19.464	216.35	808.00	279.24	15.169

#1	.00626	.00102	-.00098	-.00448	.00064	-.00633	.00224
#2	.00049	.00230	-.00129	.00094	-.00045	.01932	.00277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00000	-.01529	-.00077	-.00002	.00006	-.00383
Stddev	.00006	.00009	.00491	.00001	.00016	.00008	.00166
%RSD	378.48	6076.5	32.104	1.9358	756.23	135.13	43.232

#1	.00005	-.00006	-.01876	-.00078	.00009	.00000	-.00500
#2	-.00002	.00006	-.01182	-.00076	-.00014	.00011	-.00266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00281	.00013	.00048	-.01295	.00057	-.00199
Stddev	.00003	.06371	.00027	.00017	.03938	.00012	.00002
%RSD	14.275	2269.1	205.80	35.378	304.04	21.608	1.1666

#1	-.00017	-.04224	-.00006	.00036	-.04080	.00065	-.00201
#2	-.00021	.04786	.00032	.00060	.01489	.00048	-.00198

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03647	.00137	-.00017	-.00387	-.00003	-.00055	.00049
Stddev	.02310	.00005	.01139	.00245	.00259	.00088	.00095
%RSD	63.346	3.6784	6767.1	63.262	9576.9	161.18	194.32

#1	-.02013	.00140	-.00823	-.00560	.00180	-.00117	-.00018
#2	-.05280	.00133	.00789	-.00214	-.00186	.00008	.00117

Sample Name: CCB18 Acquired: 9/26/2018 1:55:05 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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 -.01576	.0018	.00001	F 1.1139	F 1.4171
Stddev	.00416	.0017	.00006	.3879	.5461
%RSD	26.399	93.58	494.11	34.824	38.540

#1	-.01282	.0006	.00006	.83961	1.0309
#2	-.01871	.0029	-.00003	1.3882	1.8032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.2	49630.	4079.6	98.281	3627.2
Stddev	12.7	58.	16.9	.866	10.7
%RSD	.58619	.11593	.41331	.88136	.29409

#1	2156.3	49590.	4067.7	98.893	3619.6
#2	2174.2	49671.	4091.5	97.668	3634.7

Sample Name: J5068-05 Acquired: 9/26/2018 1:59:13 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-2-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07934	-.03496	.04065	-.05592	-.00073	244.90	.99352
Stddev	.00119	.00483	.00345	.00086	.00056	.11	.00419
%RSD	1.5022	13.822	8.4812	1.5455	76.734	.04421	.42182

#1	.07849	-.03838	.03822	-.05653	-.00113	244.98	.99648
#2	.08018	-.03154	.04309	-.05531	-.00033	244.82	.99056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01046	.00737	13.761	.25138	.14563	.23197	371.61
Stddev	.00014	.00090	.038	.00333	.00001	.00231	7.15
%RSD	1.3628	12.145	.27782	1.3235	.00615	.99781	1.9231

#1	.01036	.00674	13.734	.25374	.14563	.23033	376.67
#2	.01056	.00800	13.788	.24903	.14562	.23360	366.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7270	27.930	.18659	.00530	1.3797	.49254	.52411
Stddev	.0007	.058	.00004	.00086	.0146	.00120	.01040
%RSD	.01989	.20928	.02129	16.171	1.0557	.24431	1.9839

#1	3.7265	27.972	.18656	.00590	1.3694	.49169	.53146
#2	3.7276	27.889	.18662	.00469	1.3900	.49339	.51676

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8891	.00334	.20159	5.4937	7.1608	.01949	2.0582
Stddev	.0108	.00012	.02432	.0097	.0570	.00037	.0009
%RSD	.13714	3.6548	12.066	.17712	.79535	1.8765	.04203

#1	7.8967	.00325	.21879	5.4868	7.2010	.01975	2.0588
#2	7.8814	.00343	.18439	5.5006	7.1205	.01923	2.0576

Sample Name: J5068-05 Acquired: 9/26/2018 1:59:13 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-2-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2982	6.461	.14408	F<.00000	29.896
Stddev	.0046	.008	.00017	.40308	.423
%RSD	.35371	.1295	.12066	1.9442	1.4140

#1	1.2950	6.455	.14396	-20.448	30.195
#2	1.3015	6.467	.14420	-21.018	29.597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.3	54191.	4834.1	95.586	3089.7
Stddev	9.5	178.	25.0	2.092	14.0
%RSD	.39401	.32767	.51726	2.1884	.45222

#1	2405.6	54065.	4816.5	94.107	3079.9
#2	2419.0	54316.	4851.8	97.065	3099.6

Sample Name: J5068-07 Acquired: 9/26/2018 2:03:14 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06623	-.01688	1.2727	-.01906	-.00067	68.576	.75084
Stddev	.00200	.00108	.0008	.00350	.00074	.210	.00439
%RSD	3.0200	6.4046	.05916	18.343	110.75	.30621	.58513

#1	.06482	-.01612	1.2721	-.01659	-.00119	68.427	.75395
#2	.06764	-.01764	1.2732	-.02153	-.00015	68.724	.74773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	.00978	35.535	.10091	.05582	.59887	163.58
Stddev	.00005	.00002	.216	.00046	.00055	.00341	.38
%RSD	1.3692	.21339	.60778	.45785	.97685	.56924	.23192

#1	.00359	.00979	35.688	.10123	.05621	.59646	163.85
#2	.00352	.00976	35.382	.10058	.05544	.60128	163.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6304	15.422	.11754	.00332	4.4067	.19108	2.9299
Stddev	.0040	.007	.00029	.00060	.0271	.00144	.0109
%RSD	.15186	.04655	.25003	18.011	.61402	.75380	.37290

#1	2.6276	15.427	.11775	.00375	4.3875	.19006	2.9376
#2	2.6332	15.417	.11733	.00290	4.4258	.19210	2.9222

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7029	.00436	.09437	2.3096	3.3302	.15958	1.3713
Stddev	.0036	.00002	.00053	.0105	.0041	.00088	.0011
%RSD	.07726	.54240	.56182	.45654	.12226	.54972	.07817

#1	4.7055	.00438	.09474	2.3022	3.3330	.15896	1.3721
#2	4.7003	.00434	.09399	2.3171	3.3273	.16020	1.3706

Sample Name: J5068-07 Acquired: 9/26/2018 2:03:14 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-3-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.59624	4.685	.23668	F<.00000	21.949
Stddev	.00252	.018	.00143	.28170	.557
%RSD	.42191	.3873	.60233	3.6421	2.5380

#1	.59801	4.673	.23769	-7.9337	22.343
#2	.59446	4.698	.23567	-7.5353	21.555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.7	52883.	4572.5	94.331	3269.3
Stddev	10.0	99.	43.4	.534	17.1
%RSD	.43318	.18640	.94921	.56584	.52372

#1	2295.6	52813.	4541.8	93.953	3257.2
#2	2309.7	52952.	4603.2	94.708	3281.4

Sample Name: J5068-07DUP Acquired: 9/26/2018 2:07:12 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3-6FTDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06558	-.01636	1.2907	-.01582	-.00029	69.946	.75867
Stddev	.00149	.00274	.0035	.00227	.00170	.476	.00394
%RSD	2.2688	16.772	.27301	14.325	586.04	.68059	.51960

#1	.06663	-.01830	1.2882	-.01422	-.00149	70.282	.75588
#2	.06452	-.01442	1.2932	-.01742	.00091	69.609	.76145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.01010	36.307	.10371	.05682	.61322	167.11
Stddev	.00018	.00016	.204	.00029	.00031	.00056	2.08
%RSD	4.9325	1.6190	.56126	.28155	.53749	.09191	1.2433

#1	.00382	.01021	36.163	.10392	.05660	.61282	165.64
#2	.00356	.00998	36.451	.10350	.05703	.61362	168.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6844	15.730	.12115	.00397	4.3863	.19354	3.2305
Stddev	.0013	.038	.00067	.00034	.0291	.00009	.0411
%RSD	.04674	.24011	.55299	8.5654	.66289	.04848	1.2736

#1	2.6853	15.756	.12068	.00373	4.3658	.19360	3.2014
#2	2.6835	15.703	.12162	.00422	4.4069	.19347	3.2596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7150	.00454	.09544	2.3455	3.2470	.15921	1.3849
Stddev	.0121	.00003	.01154	.0069	.0784	.00162	.0026
%RSD	.25602	.65631	12.096	.29256	2.4158	1.0155	.18991

#1	4.7065	.00452	.10361	2.3406	3.1915	.15807	1.3831
#2	4.7236	.00456	.08728	2.3503	3.3025	.16035	1.3868

Sample Name: J5068-07DUP Acquired: 9/26/2018 2:07:12 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3-6FTDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.60603	4.801	.24087	F<.00000	21.490
Stddev	.00299	.015	.00097	.17955	.307
%RSD	.49370	.3178	.40224	2.2870	1.4280

#1	.60815	4.791	.24018	-7.7240	21.273
#2	.60391	4.812	.24155	-7.9780	21.707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.8	52772.	4555.8	93.586	3264.2
Stddev	21.0	248.	26.8	.886	24.7
%RSD	.91091	.46932	.58744	.94692	.75537

#1	2289.9	52596.	4574.7	94.213	3246.8
#2	2319.6	52947.	4536.9	92.960	3281.7

Sample Name: J5068-07LX5 Acquired: 9/26/2018 2:11:10 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02006	-.00225	.26913	-.00657	-.00087	16.121	.18033	.00089
Stddev	.00089	.00098	.00002	.00072	.00159	.080	.00055	.00018
%RSD	4.4311	43.667	.00626	10.999	183.77	.49661	.30697	20.310

#1	.01943	-.00294	.26912	-.00708	-.00199	16.177	.18073	.00076
#2	.02068	-.00155	.26915	-.00606	.00026	16.064	.17994	.00102

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	10.908	.05417	.01272	.14263	36.316	.63739	8.8857
Stddev	.00001	.006	.00043	.00027	.00080	.252	.00125	.0062
%RSD	.29196	.05388	.79150	2.1154	.56121	.69353	.19638	.06936

#1	.00195	10.912	.05387	.01292	.14319	36.494	.63827	8.8900
#2	.00196	10.904	.05447	.01253	.14206	36.138	.63650	8.8813

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04319	.00046	44.600	.04658	.68843	2.7117	.00448	.03412
Stddev	.00031	.00030	.296	.00031	.00451	.0324	.00002	.01729
%RSD	.71722	64.462	.66335	.67415	.65459	1.1956	.50287	50.656

#1	.04341	.00068	44.809	.04635	.69162	2.7347	.00450	.02190
#2	.04297	.00025	44.390	.04680	.68525	2.6888	.00447	.04635

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1927	1.0332	.03405	.32739	.12714	1.063	.09176	.04985
Stddev	.0351	.0021	.00114	.00453	.00546	.000	.00027	.55883
%RSD	.83806	.20735	3.3470	1.3822	4.2977	.0370	.29032	1121.0

#1	4.2176	1.0347	.03325	.32419	.13100	1.063	.09195	.44500
#2	4.1679	1.0317	.03486	.33059	.12327	1.062	.09157	-.34530

Sample Name: J5068-07LX5 Acquired: 9/26/2018 2:11:10 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.113
Stddev .084
%RSD .64035

#1 13.172
#2 13.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.7	49369.	4187.1	95.063	3340.3
Stddev	1.4	82.	29.5	.793	3.4
%RSD	.06365	.16592	.70463	.83371	.10282

#1	2161.6	49311.	4166.3	94.502	3342.8
#2	2159.7	49427.	4208.0	95.623	3337.9

Sample Name: J5068-07MS Acquired: 9/26/2018 2:15:12 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3-6FTMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87418	2.2214	2.3841	2.0282	.82834	70.236	.94290
Stddev	.00054	.0078	.0003	.0111	.00037	.356	.00061
%RSD	.06210	.35288	.01434	.54901	.04456	.50688	.06484

#1	.87380	2.2270	2.3844	2.0203	.82860	69.985	.94333
#2	.87456	2.2159	2.3839	2.0360	.82808	70.488	.94247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20173	.23969	36.654	.49637	.27190	.89697	161.22
Stddev	.00072	.00017	.111	.00299	.00016	.00261	3.98
%RSD	.35842	.07299	.30341	.60224	.05990	.29053	2.4702

#1	.20224	.23956	36.732	.49848	.27179	.89512	164.04
#2	.20122	.23981	36.575	.49425	.27202	.89881	158.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7946	17.369	.65305	.07424	7.3289	.49214	3.0806
Stddev	.0005	.035	.00024	.00143	.0083	.00057	.0938
%RSD	.01943	.19882	.03660	1.9308	.11297	.11545	3.0439

#1	2.7950	17.393	.65322	.07526	7.3230	.49174	3.1469
#2	2.7942	17.344	.65288	.07323	7.3348	.49254	3.0143

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.705	.40670	.36637	2.2900	4.6493	.90393	1.5825
Stddev	.006	.00018	.00206	.0019	.0226	.00160	.0010
%RSD	.04083	.04316	.56301	.08328	.48687	.17674	.06275

#1	14.701	.40682	.36783	2.2886	4.6653	.90280	1.5832
#2	14.709	.40657	.36491	2.2913	4.6333	.90506	1.5818

Sample Name: J5068-07MS Acquired: 9/26/2018 2:15:12 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-3-6FTMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3409	10.73	.43599	F<.00000	20.417
Stddev	.0138	.01	.00126	.08720	.898
%RSD	.59004	.0784	.28891	1.3452	4.3979

#1	2.3506	10.73	.43688	-6.5436	19.782
#2	2.3311	10.72	.43510	-6.4203	21.052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.6	52524.	4491.5	96.128	3238.7
Stddev	12.1	27.	35.5	2.970	14.0
%RSD	.53009	.05202	.78977	3.0902	.43207

#1	2297.2	52543.	4466.4	94.028	3248.6
#2	2280.0	52504.	4516.6	98.229	3228.8

Sample Name: J5068-07MSD Acquired: 9/26/2018 2:19:02 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3-6FTMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88032	2.2179	2.3780	2.0343	.83273	71.037	.93917
Stddev	.00636	.0044	.0034	.0075	.00268	.092	.00486
%RSD	.72251	.19650	.14166	.36975	.32236	.12962	.51784

#1	.87582	2.2210	2.3757	2.0290	.83463	70.972	.93573
#2	.88482	2.2148	2.3804	2.0396	.83083	71.102	.94261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20256	.23907	36.436	.49624	.27243	.89501	165.04
Stddev	.00154	.00100	.154	.00375	.00051	.00395	1.85
%RSD	.76208	.41696	.42159	.75536	.18840	.44153	1.1194

#1	.20147	.23837	36.327	.49359	.27280	.89780	163.73
#2	.20366	.23978	36.545	.49889	.27207	.89222	166.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8032	17.274	.65385	.07647	7.2296	.49446	3.1613
Stddev	.0058	.079	.00351	.00104	.0648	.00364	.0330
%RSD	.20636	.45477	.53662	1.3598	.89683	.73592	1.0432

#1	2.7991	17.330	.65137	.07574	7.1838	.49189	3.1380
#2	2.8073	17.219	.65633	.07721	7.2755	.49703	3.1847

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.761	.40810	.37153	2.2995	4.5533	.90487	1.5748
Stddev	.008	.00119	.00994	.0007	.1276	.00250	.0021
%RSD	.05639	.29052	2.6759	.03078	2.8030	.27630	.13194

#1	14.755	.40894	.36450	2.2990	4.4630	.90310	1.5762
#2	14.767	.40726	.37856	2.3000	4.6435	.90664	1.5733

Sample Name: J5068-07MSD Acquired: 9/26/2018 2:19:02 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-3-6FTMSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3420	10.72	.43269	F<.00000	19.914
Stddev	.0081	.01	.00147	.29838	.483
%RSD	.34424	.0647	.34078	4.4477	2.4269

#1	2.3363	10.71	.43165	-6.4976	19.572
#2	2.3477	10.72	.43373	-6.9196	20.256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.1	52404.	4520.4	93.577	3248.9
Stddev	6.1	21.	14.5	.839	4.2
%RSD	.26403	.04066	.32064	.89666	.13052

#1	2288.8	52389.	4530.7	94.170	3251.8
#2	2297.3	52419.	4510.2	92.984	3245.9

Sample Name: J5068-07A Acquired: 9/26/2018 2:22:54 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7491 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87486	2.2130	2.3662	2.0262	.82671	70.149	.94135
Stddev	.00404	.0001	.0001	.0076	.00694	.101	.00266
%RSD	.46160	.00411	.00257	.37567	.83964	.14384	.28237

#1	.87772	2.2129	2.3661	2.0316	.83161	70.221	.93947
#2	.87200	2.2131	2.3662	2.0208	.82180	70.078	.94323

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20088	.23824	36.516	.49204	.27076	.89259	164.45
Stddev	.00079	.00092	.067	.00060	.00037	.00091	1.98
%RSD	.39428	.38492	.18254	.12178	.13804	.10225	1.2038

#1	.20032	.23759	36.469	.49161	.27103	.89324	165.85
#2	.20144	.23888	36.563	.49246	.27050	.89195	163.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7808	17.192	.65113	.07485	7.2588	.48910	3.1310
Stddev	.0031	.152	.00098	.00061	.0270	.00217	.0419
%RSD	.11113	.88317	.14995	.81646	.37133	.44385	1.3377

#1	2.7786	17.084	.65182	.07442	7.2397	.49064	3.1606
#2	2.7830	17.299	.65044	.07528	7.2779	.48757	3.1014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.651	.40611	.36507	2.2852	4.5885	.90164	1.5707
Stddev	.044	.00022	.00896	.0162	.0038	.00394	.0056
%RSD	.30132	.05366	2.4546	.70883	.08358	.43732	.35509

#1	14.620	.40596	.35873	2.2966	4.5912	.90443	1.5667
#2	14.683	.40627	.37140	2.2737	4.5858	.89885	1.5746

Sample Name: J5068-07A Acquired: 9/26/2018 2:22:54 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7491 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.3448	10.69	.43369	F<.00000	19.938
Stddev	.0067	.03	.00145	.12615	.616
%RSD	.28599	.2934	.33502	1.7987	3.0887

#1	2.3495	10.71	.43266	-6.9244	19.502
#2	2.3401	10.66	.43472	-7.1028	20.373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.5	52769.	4523.1	94.519	3250.0
Stddev	18.6	76.	9.4	1.452	23.7
%RSD	.80823	.14478	.20877	1.5364	.73032

#1	2284.4	52715.	4529.8	93.492	3233.2
#2	2310.7	52823.	4516.4	95.546	3266.8

Sample Name: J5068-09 Acquired: 9/26/2018 2:26:46 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-4-6FT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05201	-.01318	.83484	-.02244	.00098	69.552	.58402
Stddev	.00268	.00009	.00053	.00692	.00114	.189	.00164
%RSD	5.1587	.69604	.06314	30.838	116.62	.27132	.28076

#1	.05391	-.01325	.83521	-.01755	.00017	69.686	.58286
#2	.05011	-.01312	.83447	-.02733	.00179	69.419	.58518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	.00516	20.591	.08864	.05459	.33913	145.32
Stddev	.00006	.00036	.094	.00013	.00020	.00017	1.56
%RSD	1.6210	7.0183	.45655	.15037	.36097	.04921	1.0746

#1	.00355	.00491	20.525	.08854	.05445	.33901	146.42
#2	.00347	.00542	20.658	.08873	.05473	.33924	144.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4846	17.704	.11193	.00242	.97899	.17056	1.0651
Stddev	.0048	.136	.00044	.00012	.02053	.00008	.0152
%RSD	.19392	.77034	.39317	4.7661	2.0969	.04496	1.4259

#1	2.4880	17.607	.11162	.00250	.96448	.17061	1.0759
#2	2.4811	17.800	.11224	.00234	.99351	.17050	1.0544

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9182	.00232	.07488	1.5767	4.2200	.05413	1.3630
Stddev	.0076	.00009	.00333	.0069	.0377	.00127	.0044
%RSD	.15470	3.8401	4.4536	.43666	.89213	2.3473	.32421

#1	4.9236	.00226	.07252	1.5718	4.2466	.05323	1.3661
#2	4.9129	.00238	.07724	1.5816	4.1934	.05503	1.3599

Sample Name: J5068-09 Acquired: 9/26/2018 2:26:46 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-4-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.65703	4.044	.15886	F<.00000	20.542
Stddev	.00397	.005	.00006	1.2463	.783
%RSD	.60399	.1359	.04017	16.226	3.8107

#1	.65422	4.048	.15890	-6.7995	19.989
#2	.65983	4.040	.15881	-8.5620	21.096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.3	53286.	4532.2	94.477	3312.6
Stddev	10.8	238.	.3	1.423	14.8
%RSD	.46241	.44590	.00610	1.5059	.44774

#1	2319.7	53118.	4532.1	93.471	3302.1
#2	2334.9	53454.	4532.4	95.483	3323.1

Sample Name: J5068-11 Acquired: 9/26/2018 2:30:44 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-5-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04092	-.03721	.66679	-.01709	-.00413	43.795	.33866
Stddev	.00069	.00040	.00181	.00669	.00152	.120	.00107
%RSD	1.6969	1.0792	.27185	39.112	36.751	.27445	.31685

#1	.04141	-.03749	.66551	-.02182	-.00306	43.710	.33790
#2	.04043	-.03692	.66807	-.01237	-.00521	43.880	.33942

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00457	.00792	40.881	.07128	.16324	.80527	269.12
Stddev	.00014	.00044	.229	.00075	.00017	.00017	3.14
%RSD	3.1663	5.4955	.56016	1.0567	.10470	.02051	1.1650

#1	.00467	.00761	40.719	.07181	.16336	.80515	271.34
#2	.00446	.00822	41.043	.07074	.16312	.80538	266.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5609	22.874	.21798	.01161	.29847	.15970	1.1600
Stddev	.0007	.133	.00087	.00014	.00439	.00078	.0144
%RSD	.04603	.58116	.40004	1.2451	1.4710	.48745	1.2449

#1	1.5614	22.968	.21736	.01171	.30158	.16025	1.1702
#2	1.5604	22.780	.21860	.01151	.29537	.15915	1.1498

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.235	.00335	.24008	22.598	2.4304	.12704	1.9370
Stddev	.010	.00006	.00339	.123	.0201	.00112	.0019
%RSD	.08477	1.8177	1.4114	.54356	.82661	.88261	.09959

#1	11.228	.00330	.24247	22.685	2.4162	.12783	1.9357
#2	11.242	.00339	.23768	22.511	2.4446	.12625	1.9384

Sample Name: J5068-11 Acquired: 9/26/2018 2:30:44 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-5-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.59029	10.39	.16800	F<.00000	23.928
Stddev	.00489	.03	.00117	.88824	.358
%RSD	.82868	.2453	.69734	2.5377	1.4950

#1	.58683	10.41	.16717	-35.630	23.675
#2	.59375	10.37	.16882	-34.374	24.181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.1	78498.	6853.4	93.351	3151.9
Stddev	.1	79.	19.3	1.305	.7
%RSD	.00360	.10067	.28184	1.3979	.02134

#1	3370.0	78442.	6867.1	92.428	3152.3
#2	3370.2	78554.	6839.7	94.273	3151.4

Sample Name: J5068-13 Acquired: 9/26/2018 2:34:38 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-6-6FT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09294	-.02928	1.4749	-.03907	-.00083	163.40	1.1290
Stddev	.00190	.00101	.0051	.00331	.00005	1.60	.0003
%RSD	2.0444	3.4507	.34355	8.4687	5.6543	.97926	.02944

#1	.09159	-.02857	1.4713	-.03673	-.00080	162.27	1.1288
#2	.09428	-.03000	1.4785	-.04141	-.00086	164.53	1.1292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00797	.01010	36.870	.20465	.13079	.75486	313.72
Stddev	.00002	.00015	.064	.00018	.00008	.00135	.17
%RSD	.21428	1.4987	.17490	.08595	.05762	.17893	.05437

#1	.00799	.01000	36.915	.20452	.13084	.75390	313.84
#2	.00796	.01021	36.824	.20477	.13073	.75581	313.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5380	22.936	.21851	.00665	3.0876	.35724	2.3471
Stddev	.0098	.154	.00032	.00043	.0134	.00169	.0160
%RSD	.21691	.67203	.14665	6.3952	.43411	.47440	.68060

#1	4.5310	23.045	.21874	.00695	3.0782	.35605	2.3584
#2	4.5449	22.827	.21829	.00635	3.0971	.35844	2.3359

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5907	.00873	.18665	3.3913	3.7204	.08641	2.0337
Stddev	.0205	.00048	.00474	.0027	.0079	.00054	.0060
%RSD	.31074	5.4931	2.5377	.07884	.21136	.62392	.29511

#1	6.5762	.00839	.18330	3.3894	3.7259	.08679	2.0295
#2	6.6052	.00907	.19000	3.3932	3.7148	.08602	2.0379

Sample Name: J5068-13 Acquired: 9/26/2018 2:34:38 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-6-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2528	5.429	.38639	F<.00000	27.346
Stddev	.0117	.011	.00007	.40495	.427
%RSD	.92969	.2015	.01882	2.3694	1.5617

#1	1.2446	5.436	.38644	-17.377	27.044
#2	1.2611	5.421	.38634	-16.804	27.648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.4	55441.	4862.9	93.537	3118.0
Stddev	.9	45.	41.9	.719	.8
%RSD	.03507	.08070	.86130	.76845	.02487

#1	2426.0	55409.	4833.3	93.029	3117.5
#2	2424.8	55472.	4892.6	94.046	3118.5

Sample Name: CCV19 Acquired: 9/26/2018 2:38:38 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13888 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2964	5.3107	5.3299	5.4194	F 5.5578	F 11.058	10.179	.26585
Stddev	.0288	.0128	.0290	.0298	.0181	.013	.040	.00013
%RSD	.54352	.24135	.54396	.54963	.32499	.11605	.39664	.04950
#1	5.2761	5.3017	5.3094	5.3983	5.5451	11.049	10.150	.26576
#2	5.3168	5.3198	5.3504	5.4405	5.5706	11.067	10.207	.26594
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7177	26.460	1.0589	2.6496	1.3593	F 5.5718	2.6720	25.469
Stddev	.0118	.139	.0049	.0162	.0051	.1043	.0001	.199
%RSD	.43517	.52539	.45975	.61113	.37833	1.8718	.00578	.77959
#1	2.7094	26.362	1.0624	2.6382	1.3557	5.4981	2.6719	25.329
#2	2.7261	26.558	1.0555	2.6611	1.3630	5.6456	2.6721	25.610
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6313	1.2965	25.990	2.6624	F 2.8655	26.349	5.3174	5.1040
Stddev	.0104	.0020	.114	.0120	.0474	.069	.0240	.0058
%RSD	.39717	.15459	.43843	.44975	1.6558	.26067	.45227	.11352
#1	2.6239	1.2979	25.909	2.6709	2.8320	26.300	5.3004	5.1081
#2	2.6387	1.2951	26.071	2.6540	2.8991	26.397	5.3344	5.0999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2128	5.0537	5.1949	5.3711	4.7724	5.352	5.4839	F 4.2868
Stddev	.0098	.0156	.0395	.0162	.0361	.027	.0147	.3099
%RSD	.18774	.30930	.76017	.30141	.75705	.5078	.26759	7.2294
#1	5.2058	5.0648	5.1670	5.3597	4.7469	5.333	5.4735	4.5059
#2	5.2197	5.0427	5.2228	5.3825	4.7979	5.372	5.4942	4.0676

Sample Name: CCV19 Acquired: 9/26/2018 2:38:38 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13888 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.5725
 Stddev .4379
 %RSD 12.257

#1 3.2629
 #2 3.8821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.3	47647.	4040.2	90.500	3221.1
Stddev	.2	8.	1.4	1.064	.2
%RSD	.01134	.01633	.03365	1.1754	.00569

#1	2083.5	47653.	4041.1	91.252	3221.0
#2	2083.1	47642.	4039.2	89.748	3221.2

Sample Name: CCB19 Acquired: 9/26/2018 2:42:26 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13888 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00319	-.00067	.00197	.00005	.02305	.00275
Stddev	.00139	.00023	.00117	.00154	.00080	.00333	.00084
%RSD	337.14	7.1619	175.74	78.338	1490.4	14.432	30.589

#1	-.00057	.00335	-.00150	.00306	-.00051	.02540	.00334
#2	.00139	.00302	.00016	.00088	.00062	.02069	.00215

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00000	.00058	-.00020	.00024	-.00015	.00068
Stddev	.00006	.00004	.00831	.00025	.00004	.00004	.00427
%RSD	152.50	1530.4	1425.2	125.30	14.799	27.075	632.18

#1	.00000	.00003	.00646	-.00002	.00021	-.00018	-.00235
#2	-.00008	-.00002	-.00529	-.00037	.00026	-.00012	.00370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.01692	.00001	.00024	-.56496	.00055	-.00185
Stddev	.00009	.01777	.00030	.00037	.00306	.00004	.00001
%RSD	56.529	105.02	3058.5	155.64	.54188	7.4433	.54542

#1	-.00023	.00436	.00022	-.00002	-.56713	.00058	-.00185
#2	-.00010	.02948	-.00020	.00050	-.56280	.00052	-.00184

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07682	.00127	.00438	-.00874	.00095	-.00120	.00159
Stddev	.03739	.00030	.00997	.00688	.00459	.00025	.00098
%RSD	48.677	23.703	227.84	78.669	485.92	20.521	61.795

#1	-.05038	.00148	-.00267	-.00388	.00419	-.00138	.00228
#2	-.10326	.00105	.01143	-.01360	-.00230	-.00103	.00089

Sample Name: CCB19 Acquired: 9/26/2018 2:42:26 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13888 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02263	.0029	.00004	F 2.0166	F .98699
Stddev	.00127	.0024	.00008	.3155	.01082
%RSD	5.6013	83.96	218.04	15.648	1.0962

#1	-.02352	.0012	-.00002	1.7934	.97934
#2	-.02173	.0046	.00010	2.2397	.99464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.3	49493.	4078.0	95.963	3605.4
Stddev	21.9	112.	41.4	1.682	28.9
%RSD	1.0157	.22664	1.0148	1.7528	.80273

#1	2138.8	49413.	4048.7	94.773	3584.9
#2	2169.8	49572.	4107.2	97.152	3625.9

Sample Name: J5068-15 Acquired: 9/26/2018 2:46:34 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-6-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08017	-.02411	.86209	-.02585	-.00207	139.47	.90097
Stddev	.00780	.00067	.00087	.00142	.00094	.15	.00191
%RSD	9.7294	2.7962	.10052	5.4880	45.444	.10427	.21254

#1	.07465	-.02459	.86270	-.02686	-.00273	139.37	.90232
#2	.08568	-.02363	.86148	-.02485	-.00140	139.57	.89961

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	.00752	70.528	.17070	.12412	.49907	262.87
Stddev	.00001	.00012	.137	.00084	.00048	.00057	1.17
%RSD	.20930	1.5621	.19455	.49123	.38662	.11389	.44351

#1	.00608	.00760	70.625	.17011	.12378	.49947	262.05
#2	.00610	.00743	70.431	.17129	.12446	.49866	263.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.917	23.142	.17738	.00522	1.1680	.29467	1.4229
Stddev	.018	.061	.00156	.00014	.0062	.00232	.0022
%RSD	.13929	.26507	.88092	2.6360	.52841	.78756	.15819

#1	12.930	23.099	.17628	.00532	1.1636	.29303	1.4213
#2	12.904	23.185	.17849	.00512	1.1723	.29631	1.4245

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0327	.00594	.16612	1.8065	4.9139	.07576	2.1420
Stddev	.0021	.00001	.00795	.0112	.0663	.00098	.0171
%RSD	.03431	.09676	4.7860	.62087	1.3481	1.2985	.79993

#1	6.0312	.00594	.17174	1.8144	4.8671	.07646	2.1541
#2	6.0342	.00595	.16050	1.7985	4.9608	.07507	2.1299

Sample Name: J5068-15 Acquired: 9/26/2018 2:46:34 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-6-10FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.0854	4.709	.62599	F<.00000	25.168
Stddev	.0043	.004	.00134	.72881	.817
%RSD	.39623	.0744	.21486	5.9346	3.2451

#1	1.0823	4.706	.62694	-11.765	25.745
#2	1.0884	4.711	.62504	-12.796	24.590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.8	54342.	4762.6	90.581	3120.1
Stddev	11.9	274.	22.3	.068	12.8
%RSD	.50143	.50334	.46754	.07539	.40974

#1	2367.4	54148.	4746.8	90.532	3111.0
#2	2384.3	54535.	4778.3	90.629	3129.1

Sample Name: J5068-17 Acquired: 9/26/2018 2:50:36 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-7-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12428	-.03921	.14800	-.07463	-.00167	236.43	.74449
Stddev	.00252	.00038	.00165	.00258	.00103	.36	.00287
%RSD	2.0268	.96004	1.1141	3.4607	62.042	.15059	.38502

#1	.12250	-.03895	.14917	-.07645	-.00094	236.68	.74247
#2	.12606	-.03948	.14683	-.07280	-.00240	236.18	.74652

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01225	.01052	13.531	.30909	.25053	.43128	505.76
Stddev	.00038	.00078	.026	.00145	.00083	.00098	6.59
%RSD	3.0904	7.4210	.19263	.46909	.33114	.22793	1.3031

#1	.01198	.01107	13.513	.31011	.24995	.43197	501.10
#2	.01252	.00997	13.550	.30806	.25112	.43058	510.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0923	23.832	.20295	.00750	.15159	.58509	.70815
Stddev	.0099	.047	.00295	.00130	.00380	.00153	.01395
%RSD	.19453	.19697	1.4557	17.294	2.5066	.26196	1.9696

#1	5.0853	23.865	.20086	.00658	.15428	.58618	.69829
#2	5.0993	23.799	.20504	.00842	.14890	.58401	.71802

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4945	.00930	.26102	3.0181	6.0641	.04455	2.6576
Stddev	.0095	.00012	.00805	.0027	.0730	.00160	.0066
%RSD	.17243	1.2832	3.0831	.08892	1.2045	3.5840	.24685

#1	5.4878	.00922	.25533	3.0162	6.0125	.04567	2.6529
#2	5.5012	.00939	.26671	3.0200	6.1158	.04342	2.6622

Sample Name: J5068-17 Acquired: 9/26/2018 2:50:36 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-7-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.2257	5.225	.13039	F<.00000	35.010
Stddev	.0040	.004	.00021	.22616	.008
%RSD	.32940	.0865	.15879	.92321	.02304

#1	1.2286	5.228	.13054	-24.338	35.004
#2	1.2229	5.222	.13025	-24.658	35.015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.7	52283.	4616.2	93.013	3061.2
Stddev	15.0	50.	43.6	1.414	16.8
%RSD	.65093	.09540	.94518	1.5199	.54821

#1	2315.3	52318.	4647.0	94.013	3073.0
#2	2294.1	52248.	4585.3	92.013	3049.3

Sample Name: J5068-19 Acquired: 9/26/2018 2:54:37 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-7-10FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05466	-.02163	.09885	-.03229	-.00155	150.62	.73933
Stddev	.00201	.00029	.00070	.00513	.00035	1.18	.00178
%RSD	3.6747	1.3202	.71039	15.885	22.625	.78017	.24063

#1	.05324	-.02143	.09934	-.03592	-.00179	151.45	.74059
#2	.05608	-.02183	.09835	-.02866	-.00130	149.79	.73807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00545	.00237	12.470	.18947	.08548	.19217	238.90
Stddev	.00004	.00022	.071	.00146	.00002	.00042	1.67
%RSD	.69421	9.4672	.57134	.77186	.02856	.21999	.69758

#1	.00548	.00253	12.419	.18844	.08550	.19247	237.72
#2	.00542	.00221	12.520	.19051	.08546	.19187	240.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2234	20.735	.13826	.00346	1.3457	.30759	1.0358
Stddev	.0081	.143	.00028	.00124	.0105	.00027	.0086
%RSD	.15577	.69168	.20235	35.896	.78292	.08695	.82507

#1	5.2291	20.837	.13806	.00258	1.3383	.30741	1.0298
#2	5.2176	20.634	.13846	.00433	1.3532	.30778	1.0419

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6948	.00347	.13334	1.1639	5.4591	.01711	1.3993
Stddev	.0125	.00005	.00944	.0092	.0009	.00098	.0047
%RSD	.14366	1.5622	7.0769	.79019	.01601	5.7548	.33842

#1	8.7036	.00351	.14001	1.1704	5.4597	.01780	1.3960
#2	8.6860	.00343	.12667	1.1574	5.4585	.01641	1.4027

Sample Name: J5068-19 Acquired: 9/26/2018 2:54:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-7-10FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.97758	3.152	.09946	F<.00000	24.293
Stddev	.00147	.001	.00003	.79231	1.039
%RSD	.15070	.0347	.03147	7.4454	4.2781

#1	.97654	3.153	.09949	-10.081	23.558
#2	.97863	3.151	.09944	-11.202	25.027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.2	52367.	4554.6	92.525	3200.3
Stddev	14.9	264.	14.1	.679	15.4
%RSD	.64851	.50491	.30970	.73421	.47995

#1	2283.7	52180.	4564.6	93.005	3189.5
#2	2304.7	52554.	4544.6	92.045	3211.2

Sample Name: J5068-21 Acquired: 9/26/2018 2:58:35 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-8-6FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07720	-.02090	.70049	-.03991	-.00186	171.62	.92289
Stddev	.00245	.00193	.00349	.00252	.00084	.91	.00155
%RSD	3.1779	9.2207	.49859	6.3098	44.984	.53259	.16835

#1	.07893	-.02226	.69802	-.03813	-.00127	170.97	.92179
#2	.07546	-.01954	.70296	-.04169	-.00246	172.26	.92399

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00906	.00608	14.349	.16569	.10375	.35533	300.01
Stddev	.00005	.00087	.021	.00121	.00035	.00137	5.05
%RSD	.57788	14.345	.14893	.73138	.33330	.38482	1.6848

#1	.00902	.00546	14.334	.16484	.10350	.35437	303.58
#2	.00910	.00670	14.364	.16655	.10399	.35630	296.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0127	17.058	.18722	.00787	.52473	.32398	2.2345
Stddev	.0062	.087	.00075	.00024	.00493	.00082	.0422
%RSD	.15445	.51049	.40038	3.0687	.93929	.25171	1.8891

#1	4.0083	16.996	.18669	.00804	.52124	.32456	2.2644
#2	4.0171	17.120	.18775	.00770	.52821	.32340	2.2047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0595	.00904	.18763	3.5069	5.3600	.15289	1.3242
Stddev	.0070	.00015	.01301	.0134	.0364	.00086	.0018
%RSD	.17164	1.6088	6.9343	.38202	.67824	.56206	.13707

#1	4.0645	.00915	.19683	3.4974	5.3857	.15228	1.3229
#2	4.0546	.00894	.17843	3.5164	5.3343	.15349	1.3255

Sample Name: J5068-21 Acquired: 9/26/2018 2:58:35 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-8-6FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.6534	6.923	.19164	F<.00000	25.778
Stddev	.0249	.009	.00004	.34139	.099
%RSD	1.5080	.1269	.01938	1.8436	.38324

#1	1.6358	6.929	.19166	-18.759	25.848
#2	1.6710	6.917	.19161	-18.276	25.709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.7	58436.	5115.2	94.051	3155.7
Stddev	5.0	13.	6.2	1.880	1.7
%RSD	.19322	.02260	.12054	1.9993	.05491

#1	2561.2	58445.	5119.5	92.721	3154.5
#2	2568.2	58426.	5110.8	95.380	3156.9

Sample Name: J5068-23 Acquired: 9/26/2018 3:02:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-8-10FT Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03391	-.01709	.01060	-.02379	-.00195	87.639	.55651
Stddev	.00007	.00038	.00044	.00268	.00026	.188	.00332
%RSD	.19253	2.2024	4.1030	11.263	13.464	.21420	.59691

#1	.03387	-.01735	.01030	-.02189	-.00177	87.507	.55886
#2	.03396	-.01682	.01091	-.02568	-.00214	87.772	.55416

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	.00114	11.428	.11120	.04469	.15598	159.60
Stddev	.00005	.00036	.022	.00028	.00038	.00064	2.31
%RSD	1.2001	31.705	.19034	.24899	.85316	.40808	1.4453

#1	.00420	.00088	11.413	.11100	.04443	.15553	161.24
#2	.00427	.00139	11.444	.11140	.04496	.15643	157.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9682	14.206	.11283	.00163	.01992	.16457	.31661
Stddev	.0050	.084	.00014	.00033	.00809	.00006	.00490
%RSD	.25664	.59472	.12119	20.355	40.611	.03712	1.5466

#1	1.9646	14.266	.11274	.00140	.02564	.16453	.32007
#2	1.9718	14.146	.11293	.00187	.01420	.16462	.31315

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7233	.00044	.08845	.31432	5.2049	.00725	1.5516
Stddev	.0023	.00040	.00346	.00075	.0137	.00054	.0092
%RSD	.04955	90.730	3.9176	.23911	.26407	7.3855	.58978

#1	4.7250	.00072	.09090	.31485	5.1951	.00687	1.5581
#2	4.7216	.00016	.08600	.31378	5.2146	.00763	1.5451

Sample Name: J5068-23 Acquired: 9/26/2018 3:02:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-8-10FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.51768	3.808	.05446	F<.00000	20.009
Stddev	.00869	.010	.00016	.28561	.467
%RSD	1.6795	.2662	.28890	2.9181	2.3328

#1	.52383	3.816	.05457	-9.9895	20.339
#2	.51154	3.801	.05435	-9.5856	19.679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.3	55112.	4715.5	94.055	3297.2
Stddev	11.1	73.	23.0	1.816	8.6
%RSD	.46091	.13209	.48757	1.9305	.26197

#1	2393.5	55164.	4699.3	92.771	3291.1
#2	2409.1	55061.	4731.8	95.339	3303.3

Sample Name: J5068-25 Acquired: 9/26/2018 3:06:36 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-WAL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06739	-.07996	.03294	-.05094	-.00246	291.72	1.1083	.00944
Stddev	.00273	.00271	.00191	.00102	.00220	.91	.0028	.00030
%RSD	4.0470	3.3950	5.8029	1.9984	89.258	.31226	.25037	3.1384

#1	.06546	-.07804	.03159	-.05166	-.00091	292.36	1.1063	.00923
#2	.06932	-.08187	.03429	-.05022	-.00401	291.07	1.1102	.00965

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01304	1631.5	.19430	.13132	.44944	292.61	5.7379	126.13
Stddev	.00106	12.0	.00489	.00042	.00220	7.37	.0028	.85
%RSD	8.1297	.73554	2.5188	.31927	.48898	2.5187	.04827	.67307

#1	.01229	1623.0	.19084	.13102	.44789	297.82	5.7398	125.53
#2	.01379	1640.0	.19776	.13162	.45099	287.40	5.7359	126.73

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28799	-.00098	11.472	.30296	.71462	13.664	.00125	.42294
Stddev	.00073	.00100	.039	.00184	.01410	.127	.00037	.00071
%RSD	.25184	101.89	.34164	.60857	1.9726	.92947	29.575	.16832

#1	.28748	-.00028	11.444	.30165	.72459	13.575	.00099	.42244
#2	.28850	-.00169	11.499	.30426	.70466	13.754	.00151	.42344

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.797	1.6274	.00069	6.7780	2.2019	10.19	8.6769	50.701
Stddev	.239	.0317	.00191	.0256	.0127	.02	.0174	.483
%RSD	.58519	1.9463	276.70	.37743	.57509	.2272	.20088	.95234

#1	40.966	1.6050	-.00066	6.7599	2.1929	10.20	8.6646	50.360
#2	40.628	1.6498	.00204	6.7961	2.2109	10.17	8.6893	51.043

Sample Name: J5068-25 Acquired: 9/26/2018 3:06:36 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-WAL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 37.606
Stddev .628
%RSD 1.6689

#1 38.050
#2 37.163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.4	47327.	4550.1	81.246	2429.3
Stddev	4.9	145.	33.0	1.745	7.4
%RSD	.23228	.30630	.72613	2.1482	.30661

#1	2088.0	47224.	4573.5	80.012	2424.0
#2	2094.9	47429.	4526.8	82.481	2434.5

Sample Name: CCV20 Acquired: 9/26/2018 3:10:49 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13889 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3047	5.3046	5.3267	5.4373	F 5.5654	F 11.067	10.162	.26408
Stddev	.0296	.0107	.0097	.0249	.0070	.007	.066	.00008
%RSD	.55731	.20155	.18165	.45774	.12598	.05981	.65053	.03093
#1	5.3256	5.2970	5.3199	5.4549	5.5703	11.072	10.208	.26414
#2	5.2838	5.3121	5.3335	5.4197	5.5604	11.062	10.115	.26403
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7219	26.402	1.0504	2.6518	1.3615	F 5.5170	2.6630	25.156
Stddev	.0093	.077	.0024	.0056	.0018	.0265	.0017	.316
%RSD	.34004	.29096	.22695	.21036	.13050	.48019	.06434	1.2542
#1	2.7153	26.348	1.0520	2.6478	1.3628	5.5357	2.6618	24.933
#2	2.7284	26.456	1.0487	2.6557	1.3602	5.4982	2.6642	25.380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6295	1.2892	25.972	2.6552	F 2.8239	26.176	5.3138	5.0761
Stddev	.0092	.0004	.116	.0005	.0468	.133	.0029	.0227
%RSD	.34825	.02911	.44561	.01860	1.6568	.50890	.05370	.44696
#1	2.6230	1.2890	26.054	2.6555	2.8570	26.270	5.3118	5.0922
#2	2.6360	1.2895	25.890	2.6548	2.7908	26.082	5.3158	5.0601
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2308	4.9817	5.2022	5.3546	4.7756	5.326	5.4996	F 4.2011
Stddev	.0040	.0234	.0094	.0010	.0244	.015	.0244	.0847
%RSD	.07705	.46902	.18053	.01910	.51049	.2778	.44381	2.0153
#1	5.2280	4.9983	5.1956	5.3553	4.7928	5.315	5.5168	4.2610
#2	5.2337	4.9652	5.2089	5.3538	4.7583	5.336	5.4823	4.1413

Sample Name: CCV20 Acquired: 9/26/2018 3:10:49 Type: Unk
Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13889 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8162
Stddev .4903
%RSD 12.848

#1 3.4695
#2 4.1629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.7	47931.	4102.1	91.970	3228.9
Stddev	5.6	59.	19.3	1.770	.5
%RSD	.26836	.12381	.46942	1.9242	.01689

#1	2079.8	47889.	4088.4	90.718	3228.5
#2	2087.7	47972.	4115.7	93.221	3229.3

Sample Name: CCB20 Acquired: 9/26/2018 3:14:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13889 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00062	-.00134	-.00187	.00005	.01195	.00154
Stddev	.00237	.00057	.00034	.00555	.00051	.01291	.00091
%RSD	6328.0	92.150	25.348	297.07	1109.9	108.00	59.354

#1	-.00164	.00103	-.00158	-.00579	.00041	.00282	.00089
#2	.00171	.00022	-.00110	.00206	-.00032	.02108	.00218

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00013	-.00863	-.00013	.00021	-.00021	.01257
Stddev	.00007	.00008	.01464	.00026	.00008	.00013	.00025
%RSD	294.28	57.796	169.62	197.19	37.367	61.892	1.9508

#1	-.00007	.00019	-.01898	.00005	.00026	-.00030	.01240
#2	.00003	.00008	.00172	-.00032	.00015	-.00012	.01274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.07850	-.00045	-.00016	-.68148	.00014	-.00185
Stddev	.00004	.00080	.00013	.00020	.00973	.00005	.00007
%RSD	21.834	1.0150	29.644	127.19	1.4276	35.917	3.6406

#1	-.00016	-.07794	-.00055	-.00030	-.68836	.00018	-.00181
#2	-.00021	-.07906	-.00036	-.00002	-.67460	.00011	-.00190

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12818	.00119	-.00439	-.00912	.00178	-.00105	-.00104
Stddev	.00315	.00028	.00609	.00095	.00109	.00013	.00060
%RSD	2.4573	23.667	138.79	10.450	61.252	12.560	57.579

#1	-.13041	.00138	-.00008	-.00845	.00256	-.00096	-.00062
#2	-.12595	.00099	-.00870	-.00980	.00101	-.00115	-.00146

Sample Name: CCB20 Acquired: 9/26/2018 3:14:37 Type: Unk
 Method: P4-ICP2(v2455) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13889 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02003	.0008	.00003	F 1.0562	F 1.0242
Stddev	.00727	.0017	.00007	.0644	.0350
%RSD	36.289	219.9	208.48	6.0972	3.4204

#1	-.02517	.0020	-.00001	1.1017	.99939
#2	-.01489	-.0004	.00008	1.0107	1.0489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.2	49718.	4078.7	94.965	3611.9
Stddev	8.5	115.	3.9	.673	9.3
%RSD	.39527	.23031	.09669	.70849	.25656

#1	2146.2	49637.	4075.9	95.441	3605.4
#2	2158.2	49799.	4081.5	94.489	3618.5