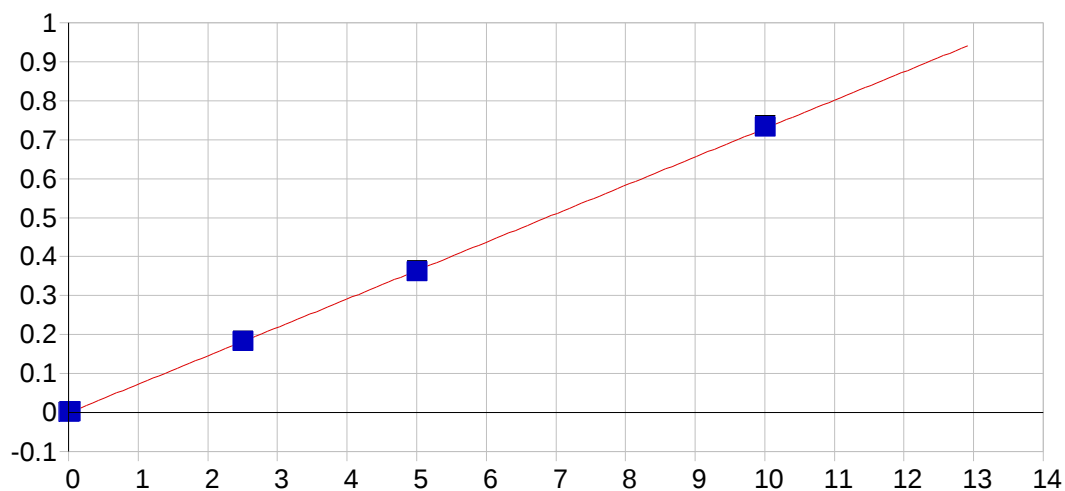


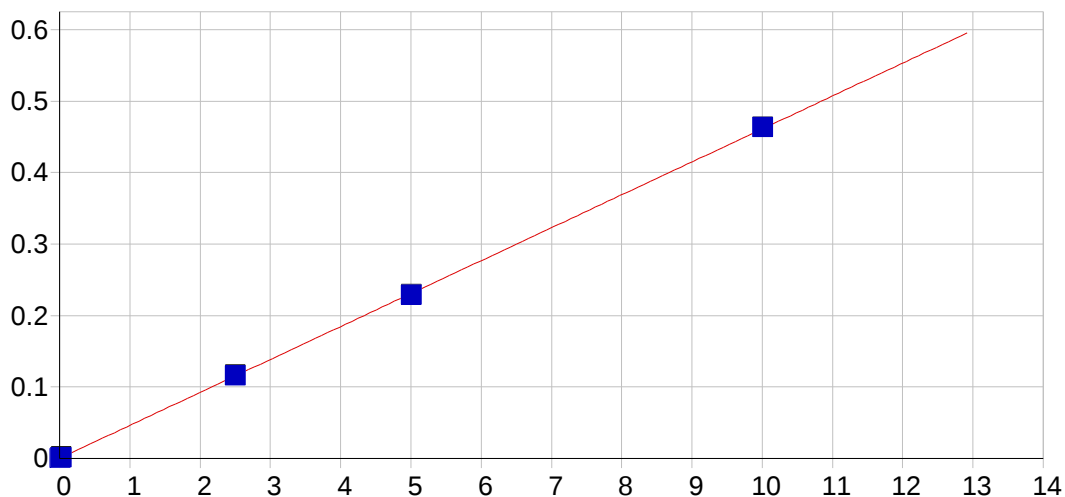


As 189.042 {478}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.072869 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003328
 Predicted MQL: 0.011093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02000	.01648	-.004	-17.6	.00100	.000	1
S3	2.5000	2.4968	-.003	-.127	.18173	.001	1
S4	5.0000	4.9581	-.042	-.838	.36107	.001	1
S5	10.000	10.049	.049	.486	.73198	.003	1



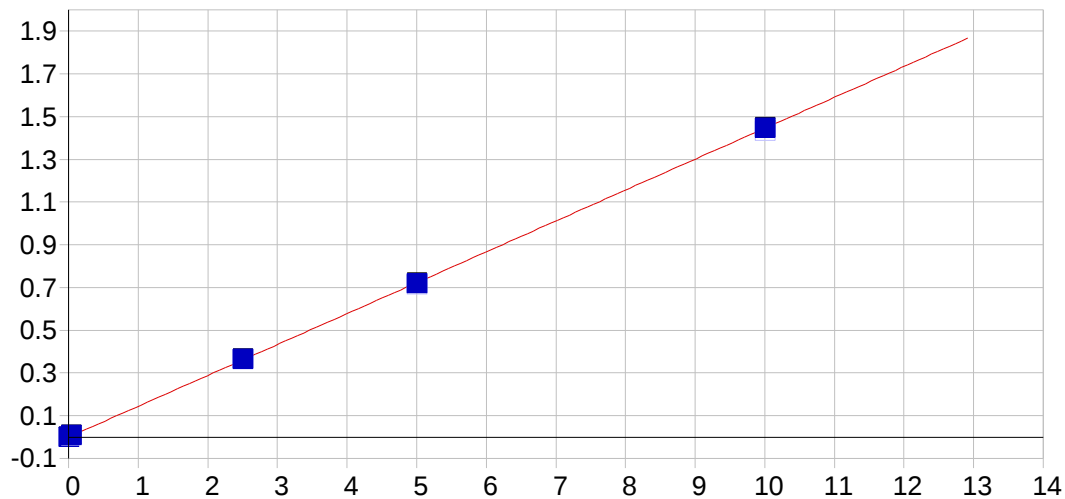
As 189.042 {479}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000257 Re-Slope: 1.000000

A1 (Gain): 0.046098 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.003309
 Predicted MQL: 0.011031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.02000	.02064	.001	3.20	.00121	.000	1
S3	2.5000	2.5082	.008	.327	.11588	.000	1
S4	5.0000	4.9489	-.051	-1.02	.22839	.001	1
S5	10.000	10.042	.042	.423	.46319	.000	1

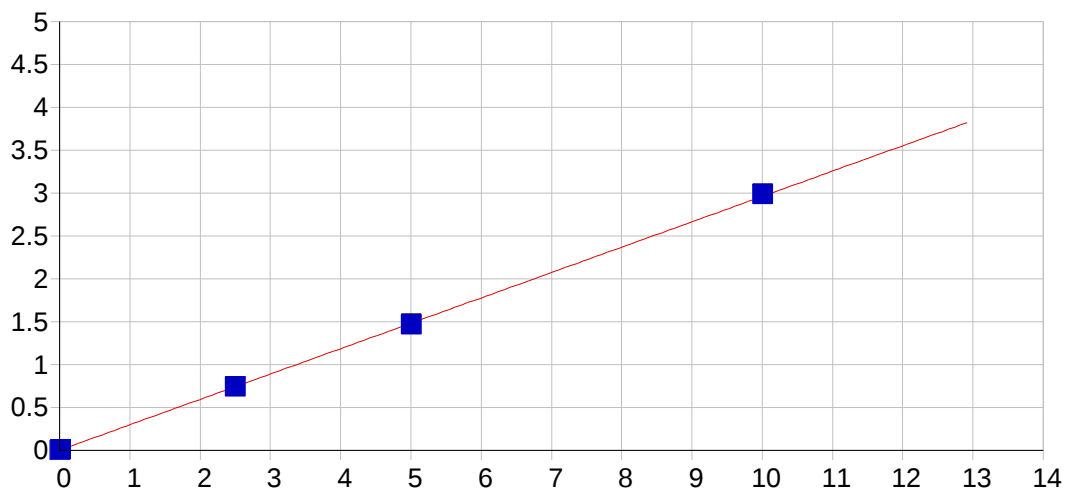


TI 190.856 {477}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000443 Re-Slope: 1.000000
 A1 (Gain): 0.144614 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001428
 Predicted MQL: 0.004759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00044	.000	1
S1	.04000	.04711	.007	17.8	.00622	.000	1
S3	2.5000	2.5223	.022	.892	.36061	.001	1
S4	5.0000	4.9689	-.031	-.622	.71071	.002	1
S5	10.000	10.002	.002	.018	1.4311	.002	1

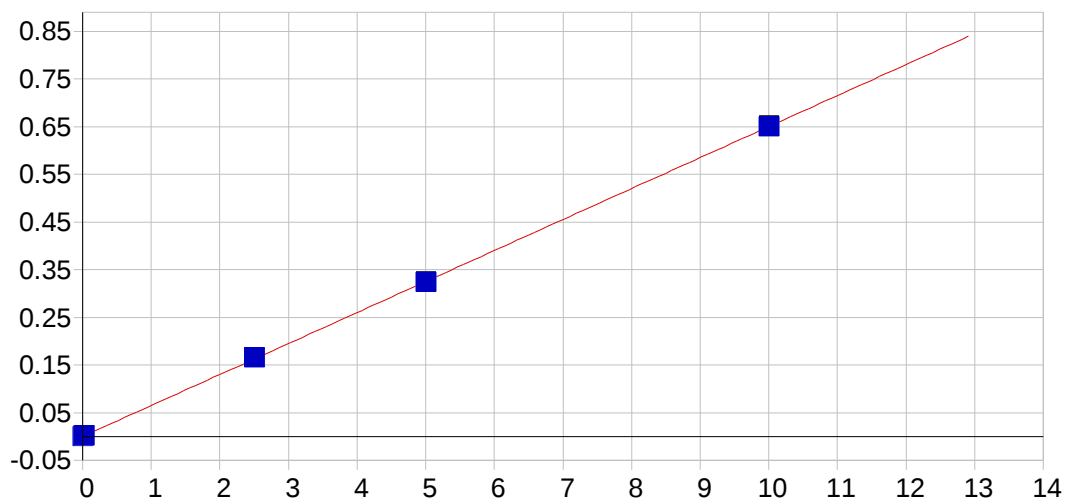


Pb 220.353 {453}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003096 Re-Slope: 1.000000
 A1 (Gain): 0.295763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.001115
 Predicted MQL: 0.003717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00310	.000	1
S1	.01200	.01177	-.000	-1.94	.00651	.000	1
S3	2.5000	2.4877	-.012	-.490	.73786	.001	1
S4	5.0000	4.9418	-.058	-1.16	1.4627	.007	1
S5	10.000	10.071	.071	.707	2.9776	.007	1



Se 196.090 {472}

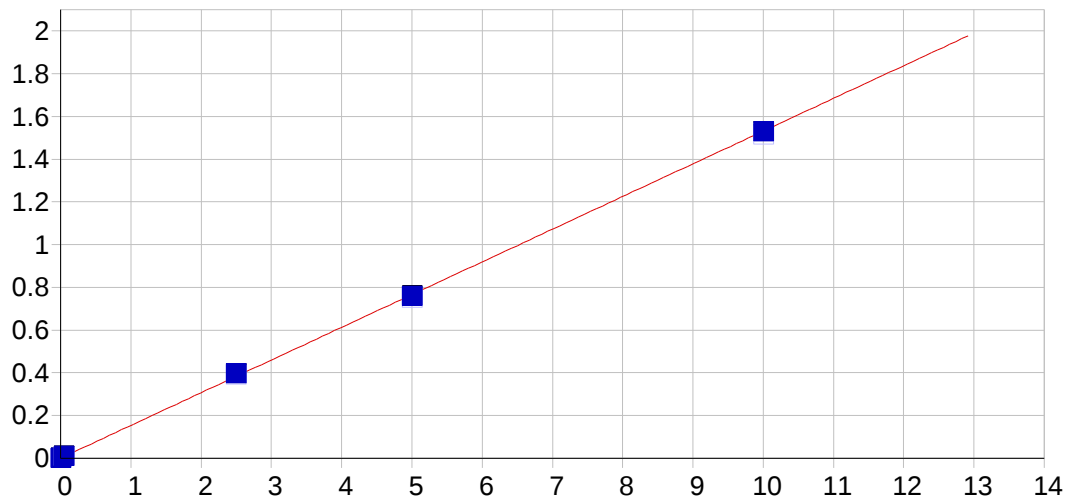
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.065035 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000009
 Predicted MDL: 0.003497
 Predicted MQL: 0.011656

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02099	.001	4.93	.00127	.000	1
S3	2.5000	2.5295	.030	1.18	.16439	.000	1
S4	5.0000	4.9710	-.029	-.580	.32315	.001	1
S5	10.000	9.9985	-.002	-.015	.65008	.001	1



Sb 206.833 {463}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

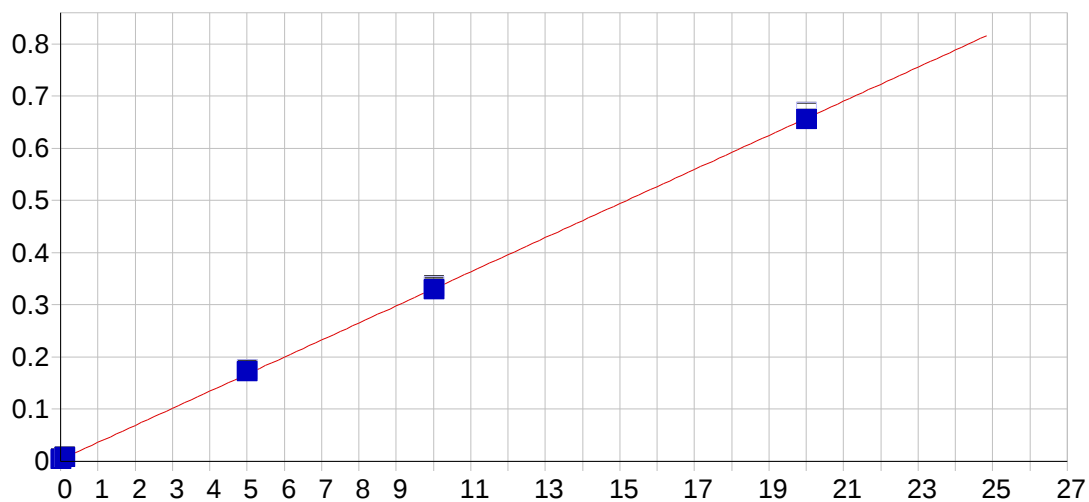
Weighting: 1/Conc

A0 (Offset): 0.000694
 A1 (Gain): 0.153085
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912
 Std Error of Est: 0.000077
 Predicted MDL: 0.001848
 Predicted MQL: 0.006161

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	.00069	.000	1
S1	.05000	.05371	.004	7.42	.00873	.000	1
S3	2.5000	2.5719	.072	2.87	.39010	.002	1
S4	5.0000	4.9432	-.057	-1.14	.74881	.003	1
S5	10.000	9.9813	-.019	-.187	1.5115	.001	1

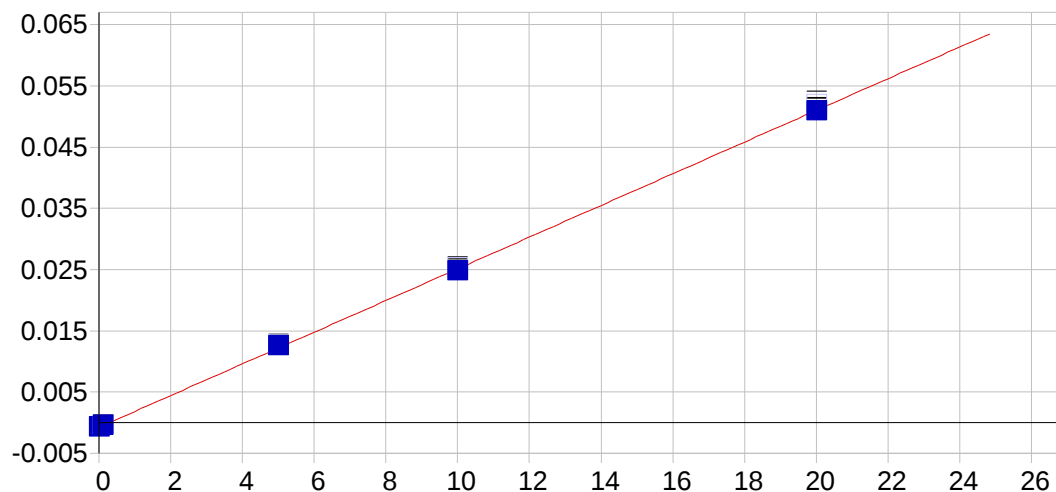


AI 308.215 {109}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003555 Re-Slope: 1.000000
 A1 (Gain): 0.032710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003636
 Predicted MQL: 0.012119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00355	.000	1
S1	.10000	.10315	.003	3.15	.00716	.000	1
S3	5.0000	5.1402	.140	2.80	.17495	.000	1
S4	10.000	9.9403	-.060	-.597	.33521	.001	1
S5	20.000	19.916	-.084	-.419	.66804	.000	1



AI 309.271 {109}

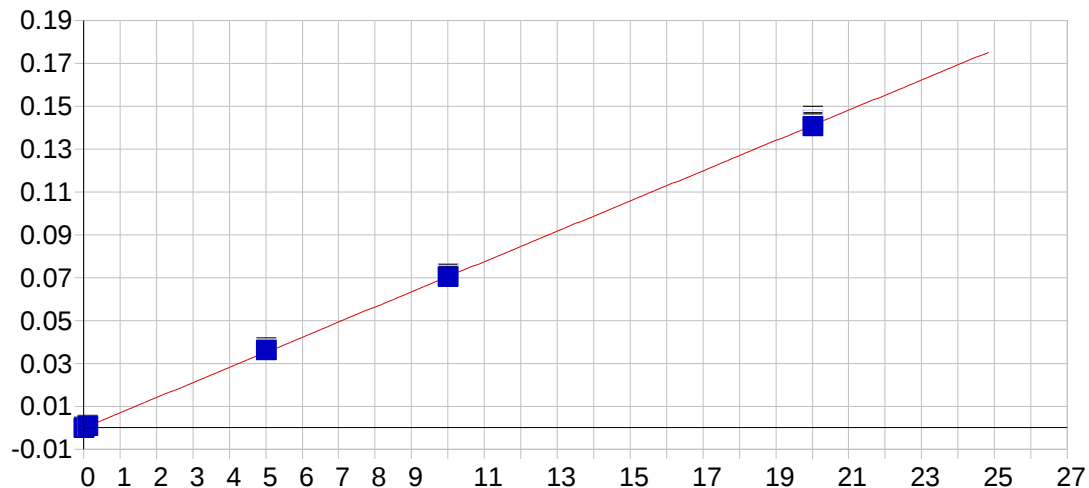
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000753 Re-Slope: 1.000000
 A1 (Gain): 0.002587 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000003
 Predicted MDL: 0.031673
 Predicted MQL: 0.105578

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00075	.000	1
S1	.10000	.11581	.016	15.8	-.00044	.000	1
S3	5.0000	5.1363	.136	2.73	.01279	.000	1
S4	10.000	9.8879	-.112	-1.12	.02534	.000	1
S5	20.000	19.959	-.041	-.204	.05192	.001	1



AI 396.152 { 85}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

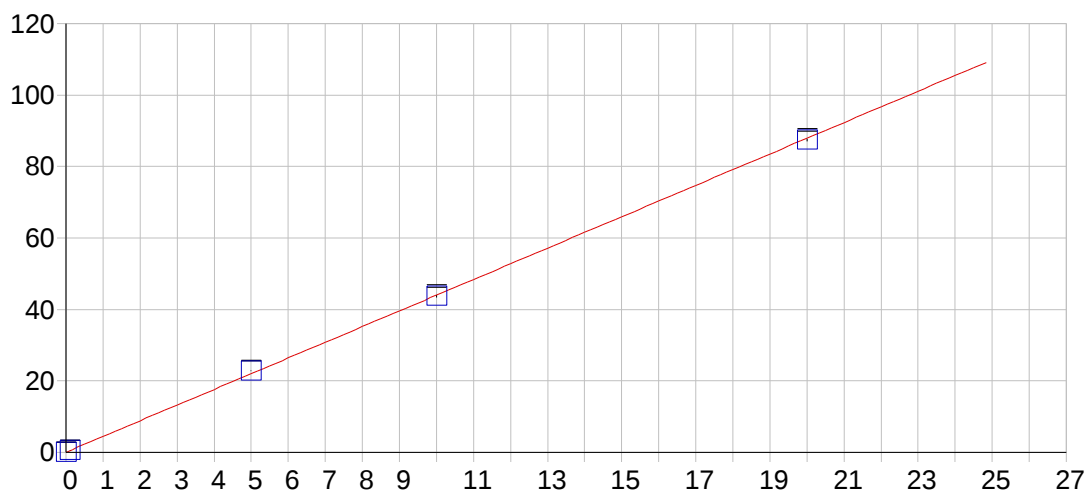
Weighting: 1/Conc

A0 (Offset): -0.000034
 A1 (Gain): 0.007056
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000005
 Predicted MDL: 0.015932
 Predicted MQL: 0.053107

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	-.00003	.000	1
S1	.10000	.10918	.009	9.18	.00079	.000	1
S3	5.0000	5.1042	.104	2.08	.03668	.000	1
S4	10.000	9.9597	-.040	-.403	.07165	.000	1
S5	20.000	19.926	-.074	-.368	.14338	.002	1

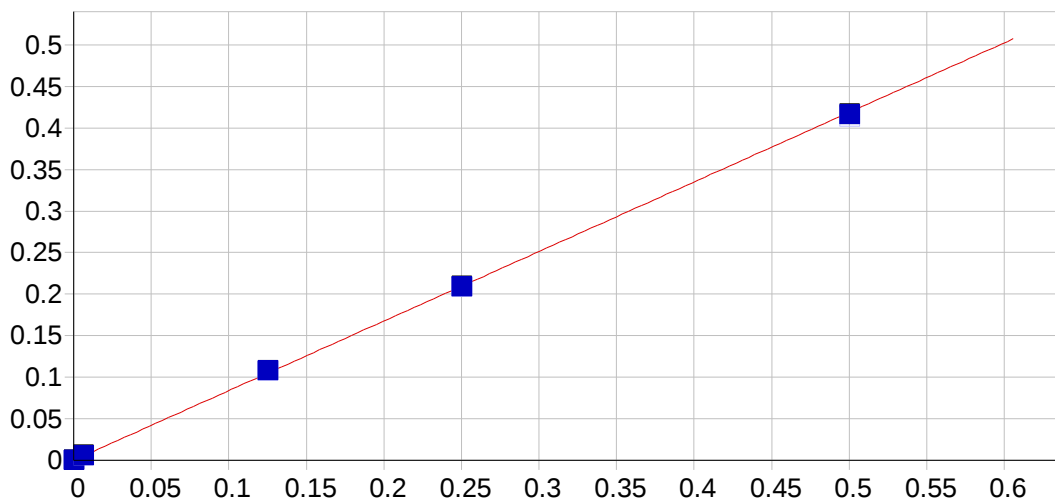


Ba 493.409 { 68}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.066091 Re-Slope: 1.000000
 A1 (Gain): 4.392242 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.005209
 Predicted MDL: 0.000738
 Predicted MQL: 0.002460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06604	.001	1
S1	.10000	.10827	.008	8.27	.54164	.002	1
S3	5.0000	5.1812	.181	3.62	22.823	.031	1
S5	20.000	19.873	-.127	-.637	87.351	.389	1
S4	10.000	9.9379	-.062	-.621	43.716	.394	1



Be 234.861 {144}

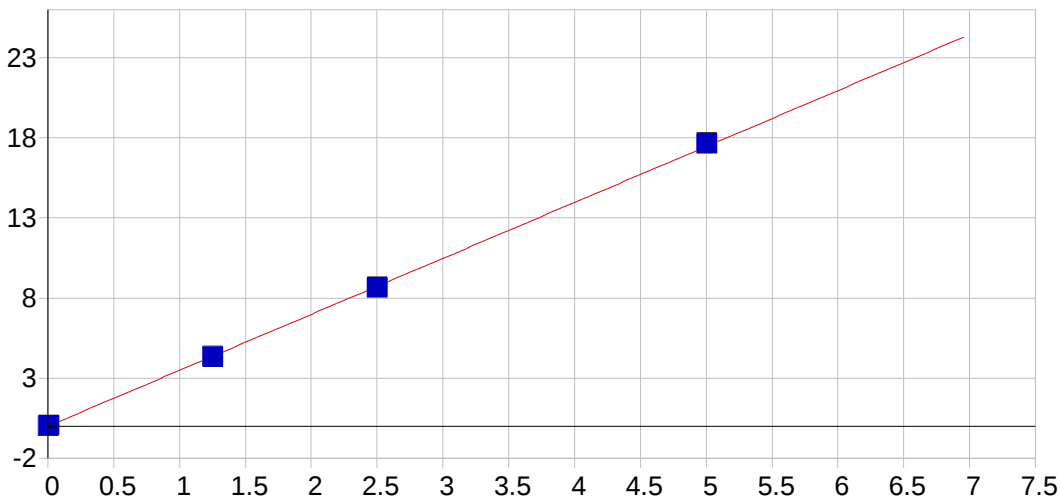
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.837158 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888
 Std Error of Est: 0.000037
 Predicted MDL: 0.000086
 Predicted MQL: 0.000285

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.00600	.00660	.001	9.94	.00565	.000	1
S3	.12500	.12864	.004	2.91	.10721	.000	1
S4	.25000	.24947	-.001	-.213	.20770	.000	1
S5	.50000	.49629	-.004	-.741	.41302	.001	1



Cd 226.502 {449}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

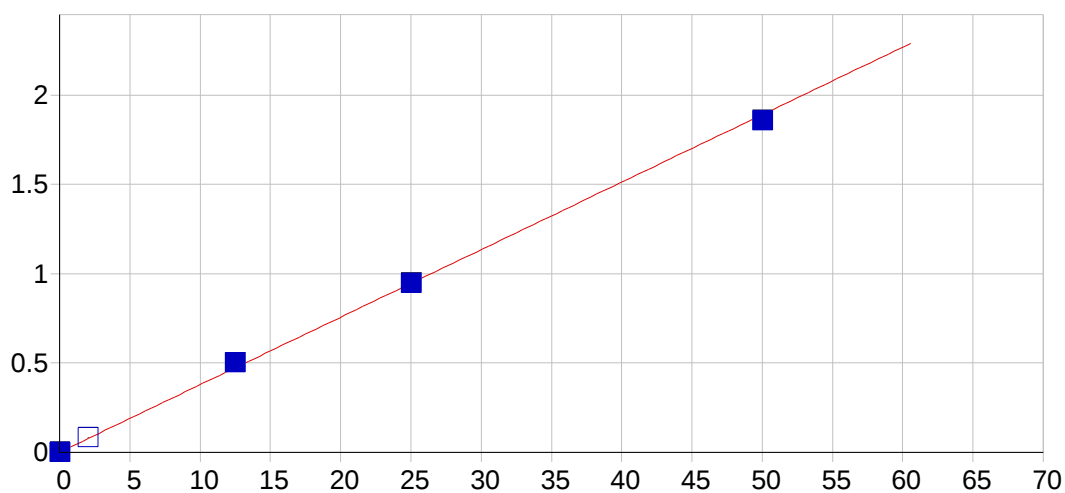
Weighting: 1/Conc

A0 (Offset): -0.000734
 A1 (Gain): 3.492024
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000368
 Predicted MDL: 0.000100
 Predicted MQL: 0.000333

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	-.00073	.000	1
S1	.00600	.00592	-.000	-1.38	.01997	.000	1
S3	1.2500	1.2361	-.014	-1.11	4.3168	.017	1
S4	2.5000	2.4652	-.035	-1.39	8.6099	.051	1
S5	5.0000	5.0487	.049	.975	17.634	.050	1

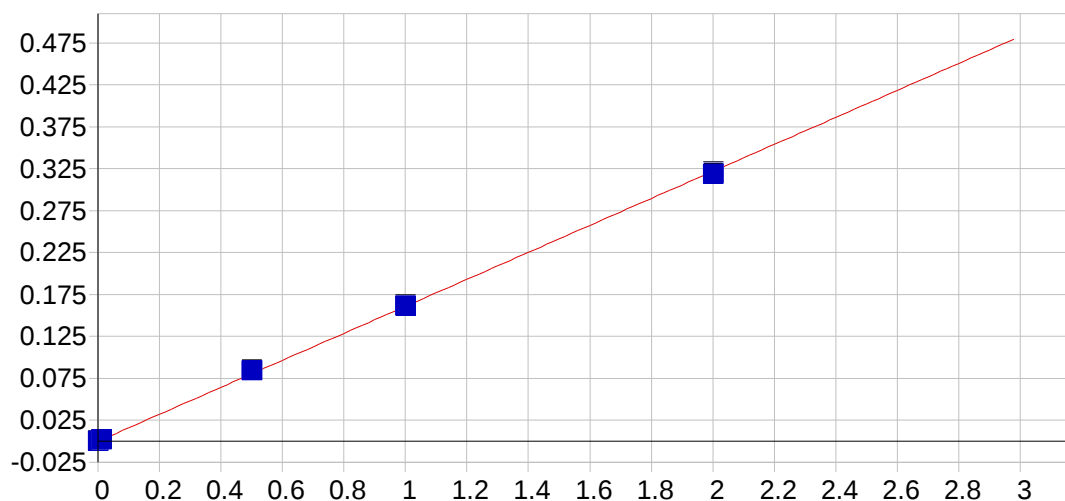


Ca 373.690 { 90}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001053 Re-Slope: 1.000000
 A1 (Gain): 0.037782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608 Status: OK.
 Std Error of Est: 0.000578
 Predicted MDL: 0.022655
 Predicted MQL: 0.075516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1663	.166	8.32	.08290	.000	1
S0	.00000	-.00025	-.000	.000	.00104	.000	1
S3	12.500	13.210	.710	5.68	.50040	.000	1
S4	25.000	25.021	.021	.086	.94692	.002	1
S5	50.000	49.102	-.898	-1.80	1.8572	.003	1



Cr 267.716 {126}

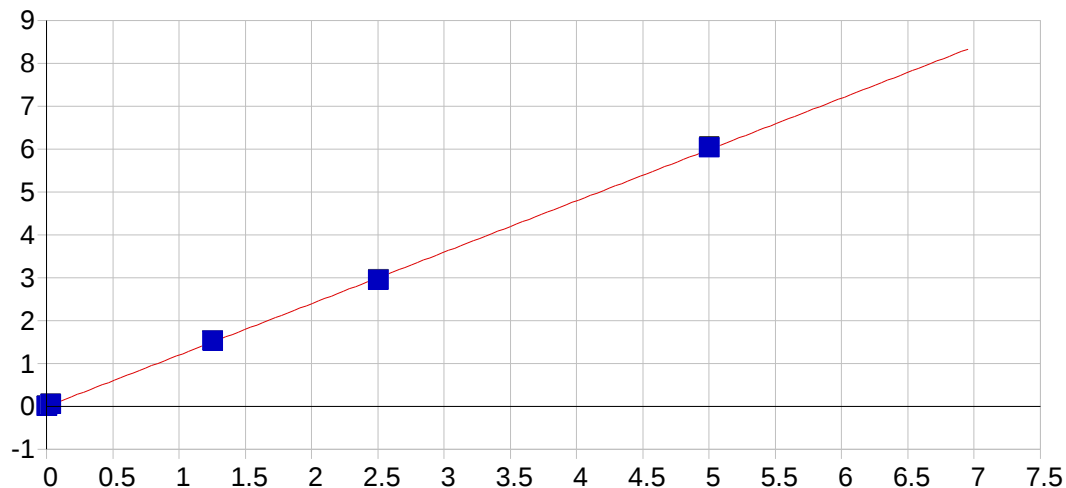
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.160951 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838
 Std Error of Est: 0.000022
 Predicted MDL: 0.000582
 Predicted MQL: 0.001939

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	.01054	.001	5.45	.00172	.000	1
S3	.50000	.52099	.021	4.20	.08447	.000	1
S4	1.0000	1.0006	.001	.064	.16227	.000	1
S5	2.0000	1.9778	-.022	-1.11	.32075	.001	1

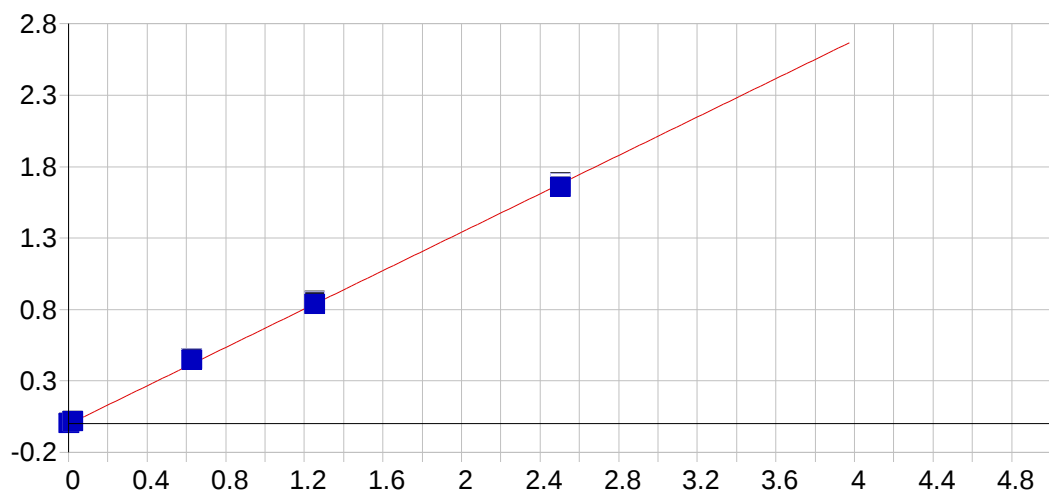


Co 228.616 {447}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000040 Re-Slope: 1.000000
 A1 (Gain): 1.198450 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000359
 Predicted MDL: 0.000264
 Predicted MQL: 0.000880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.03000	.03312	.003	10.4	.03941	.000	1
S3	1.2500	1.2680	.018	1.44	1.5208	.005	1
S4	2.5000	2.4492	-.051	-2.03	2.9375	.019	1
S5	5.0000	5.0297	.030	.594	6.0325	.016	1

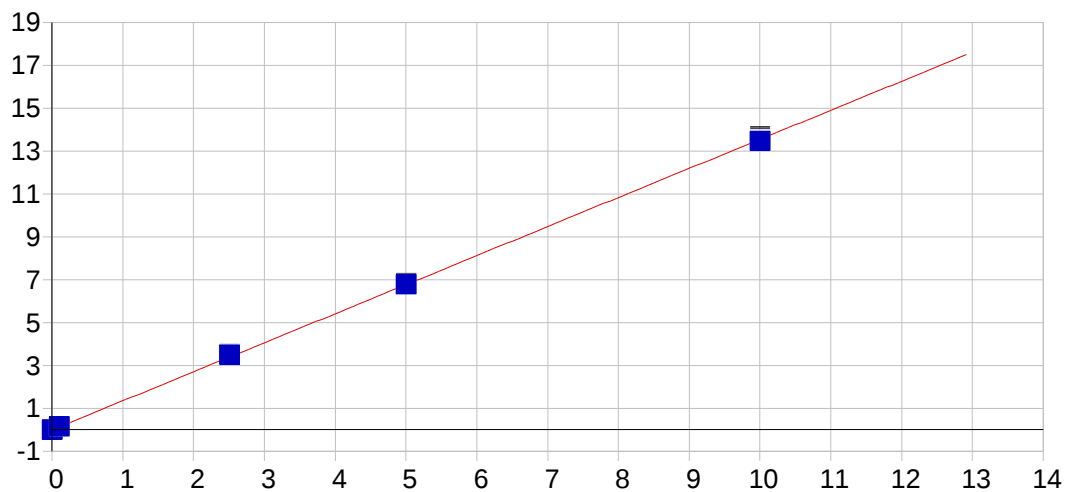


Cu 224.700 {450}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000587 Re-Slope: 1.000000
 A1 (Gain): 0.671769 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.000558
 Predicted MQL: 0.001860

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00059	.000	1
S1	.02000	.02189	.002	9.45	.01435	.000	1
S3	.62500	.66376	.039	6.20	.45276	.000	1
S4	1.2500	1.2469	-.003	-.246	.85197	.004	1
S5	2.5000	2.4624	-.038	-1.50	1.6834	.004	1



Fe 240.488 {140}

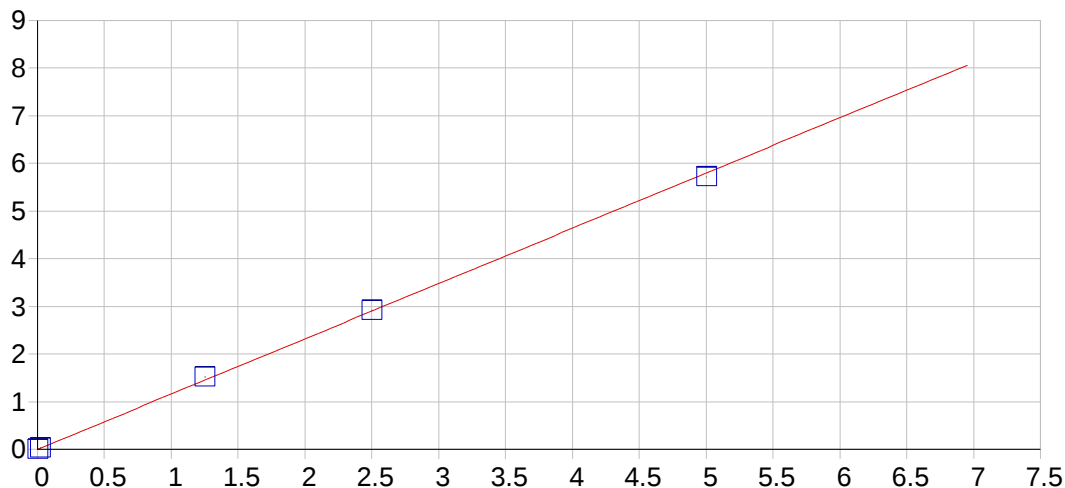
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004690 Re-Slope: 1.000000
 A1 (Gain): 1.355404 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000897
 Predicted MDL: 0.009366
 Predicted MQL: 0.031220

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00469	.003	1
S1	.10000	.10116	.001	1.16	.13309	.008	1
S3	2.5000	2.5723	.072	2.89	3.4988	.017	1
S4	5.0000	4.9992	-.001	-.016	6.8053	.019	1
S5	10.000	9.9274	-.073	-.726	13.519	.144	1



Mn 257.610 {131}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

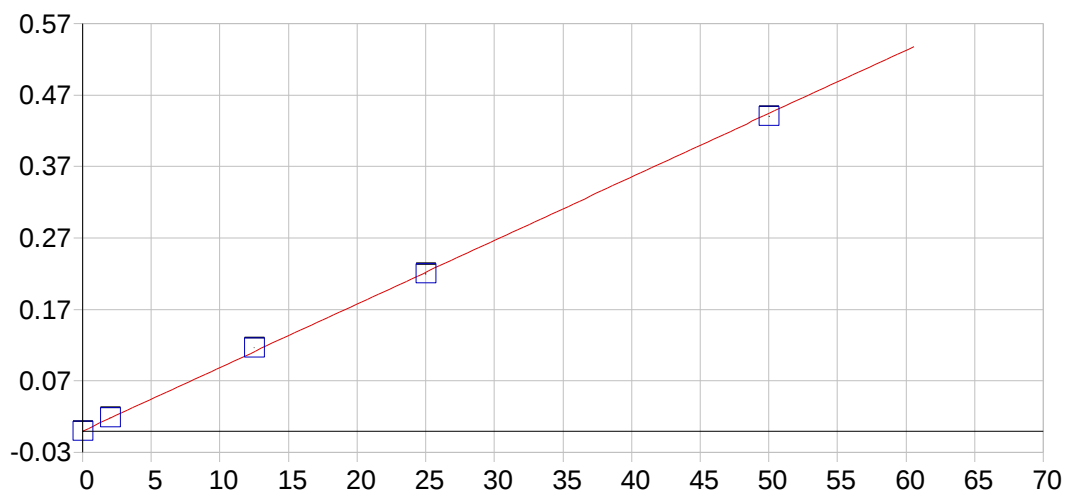
Weighting: 1/Conc

A0 (Offset): 0.000332
 A1 (Gain): 1.159903
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752
 Std Error of Est: 0.000441
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

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	.00033	.000	1
S1	.02000	.02283	.003	14.1	.02681	.000	1
S3	1.2500	1.3099	.060	4.79	1.5197	.002	1
S4	2.5000	2.5094	.009	.377	2.9110	.002	1
S5	5.0000	4.9279	-.072	-1.44	5.7162	.006	1

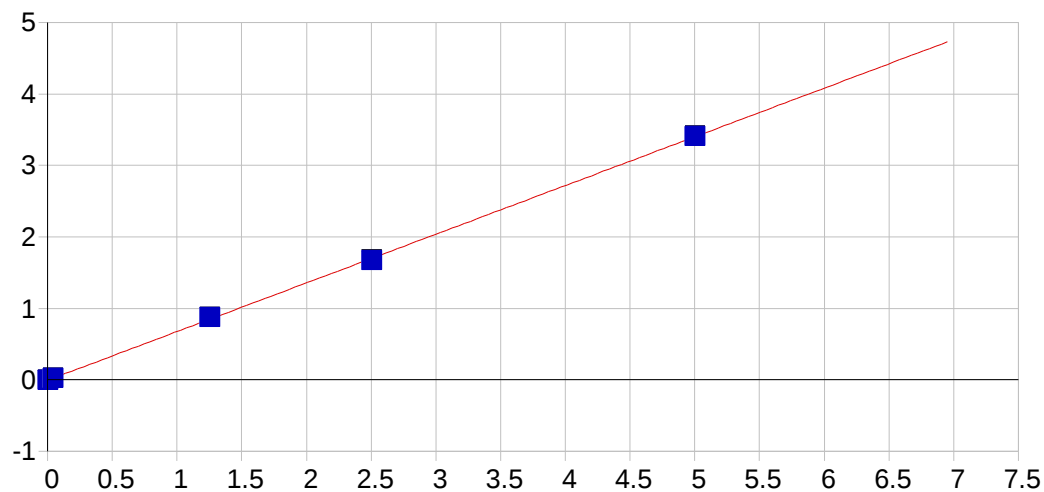


Mg 279.079 {121}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.008883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.050942
 Predicted MQL: 0.169807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1206	.121	6.03	.01876	.001	1
S0	.00000	-.00018	-.000	.000	-.00008	.000	1
S3	12.500	13.111	.611	4.89	.11639	.000	1
S4	25.000	24.740	-.260	-1.04	.21970	.001	1
S5	50.000	49.528	-.472	-.943	.43991	.000	1



Ni 231.604 {445}

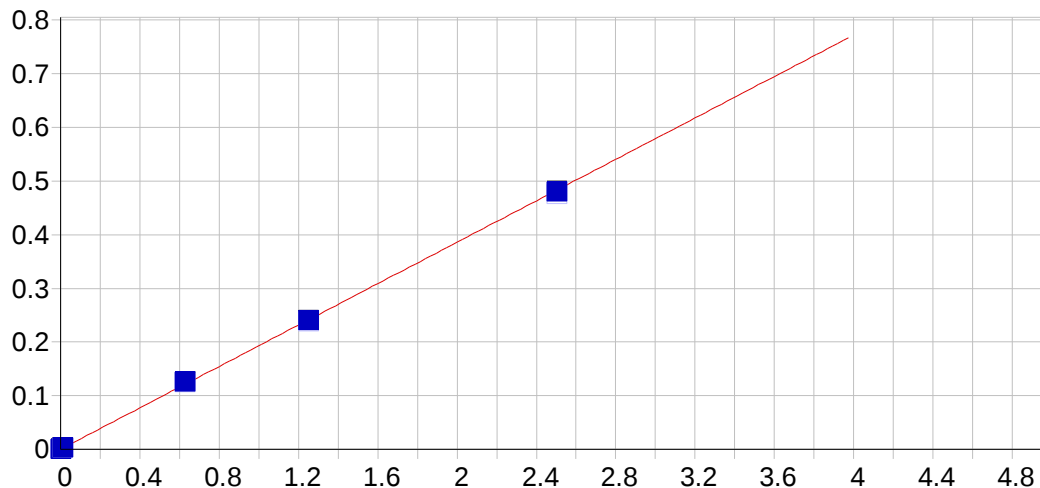
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006346 Re-Slope: 1.000000
 A1 (Gain): 0.681232 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000255
 Predicted MDL: 0.000489
 Predicted MQL: 0.001631

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00635	.000	1
S1	.04000	.04394	.004	9.86	.02361	.000	1
S3	1.2500	1.2842	.034	2.73	.86939	.001	1
S4	2.5000	2.4561	-.044	-1.76	1.6687	.012	1
S5	5.0000	5.0058	.006	.116	3.4075	.008	1

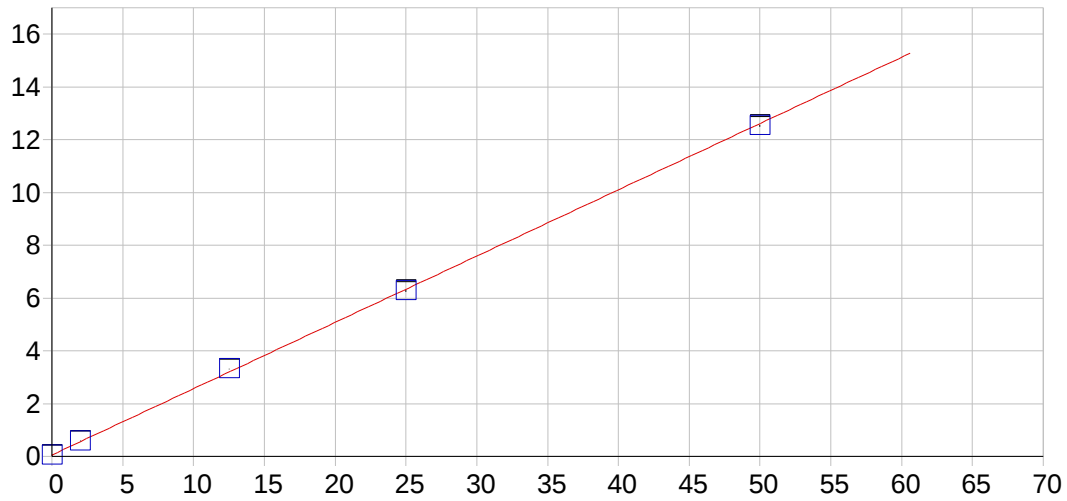


Ag 328.068 {103}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.192973 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000744
 Predicted MQL: 0.002479

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.01031	.000	3.05	.00205	.000	1
S3	.62500	.64759	.023	3.61	.12369	.000	1
S4	1.2500	1.2409	-.009	-.726	.23683	.000	1
S5	2.5000	2.4862	-.014	-.553	.47439	.001	1

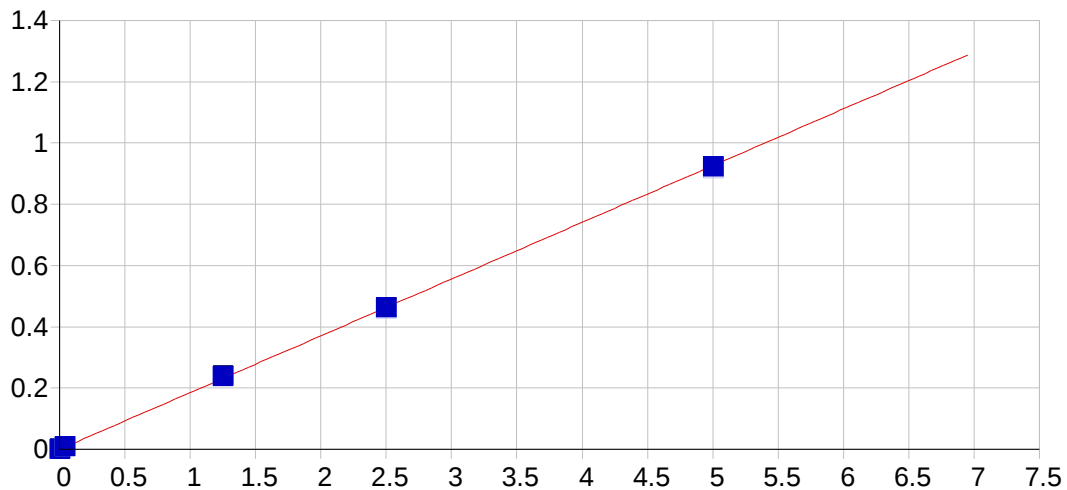


Na 589.592 { 57}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.054309 Re-Slope: 1.000000
 A1 (Gain): 0.251214 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.002353
 Predicted MDL: 0.011469
 Predicted MQL: 0.038230

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0897	.090	4.48	.57926	.002	1
S0	.00000	-.00013	-.000	.000	.05428	.000	1
S3	12.500	12.974	.474	3.79	3.3134	.016	1
S4	25.000	24.762	-.238	-.951	6.2749	.033	1
S5	50.000	49.675	-.325	-.651	12.533	.039	1



V 292.402 {115}

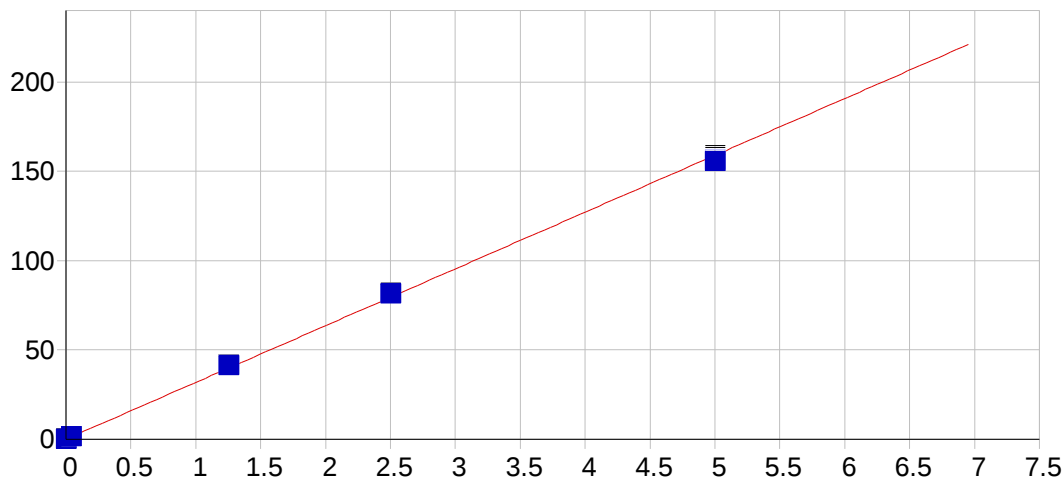
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.185222 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000062
 Predicted MDL: 0.000605
 Predicted MQL: 0.002017

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00006	.000	1
S1	.04000	.04431	.004	10.8	.00815	.000	1
S3	1.2500	1.2857	.036	2.86	.23669	.001	1
S4	2.5000	2.4892	-.011	-.431	.45809	.001	1
S5	5.0000	4.9708	-.029	-.584	.91472	.000	1



Zn 206.200 {163}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

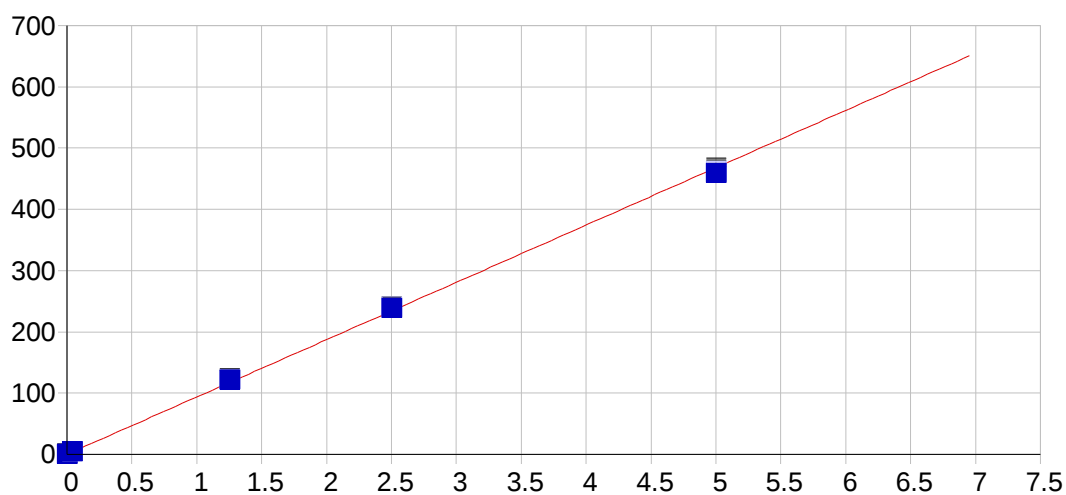
Weighting: 1/Conc

A0 (Offset): 0.054487
 A1 (Gain): 31.777946
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673
 Std Error of Est: 0.019797
 Predicted MDL: 0.000547
 Predicted MQL: 0.001823

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	.05425	.026	1
S1	.04000	.04607	.006	15.2	1.5268	.064	1
S3	1.2500	1.2942	.044	3.54	41.423	.208	1
S4	2.5000	2.5540	.054	2.16	81.694	.154	1
S5	5.0000	4.8957	-.104	-2.09	156.59	1.96	1

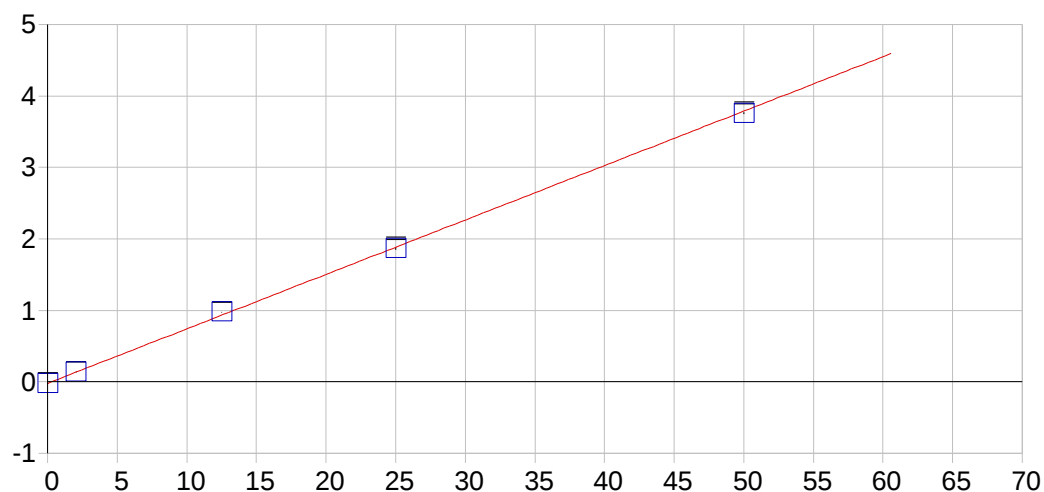


Zn 213.856 {458}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.114581 Re-Slope: 1.000000
 A1 (Gain): 93.569893 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999695 Status: OK.
 Std Error of Est: 0.056289
 Predicted MDL: 0.000095
 Predicted MQL: 0.000316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.11386	.006	1
S1	.04000	.04624	.006	15.6	4.4661	.097	1
S3	1.2500	1.2952	.045	3.62	122.02	1.33	1
S4	2.5000	2.5470	.047	1.88	239.85	.875	1
S5	5.0000	4.9015	-.098	-1.97	461.58	5.13	1



K 766.490 {44}

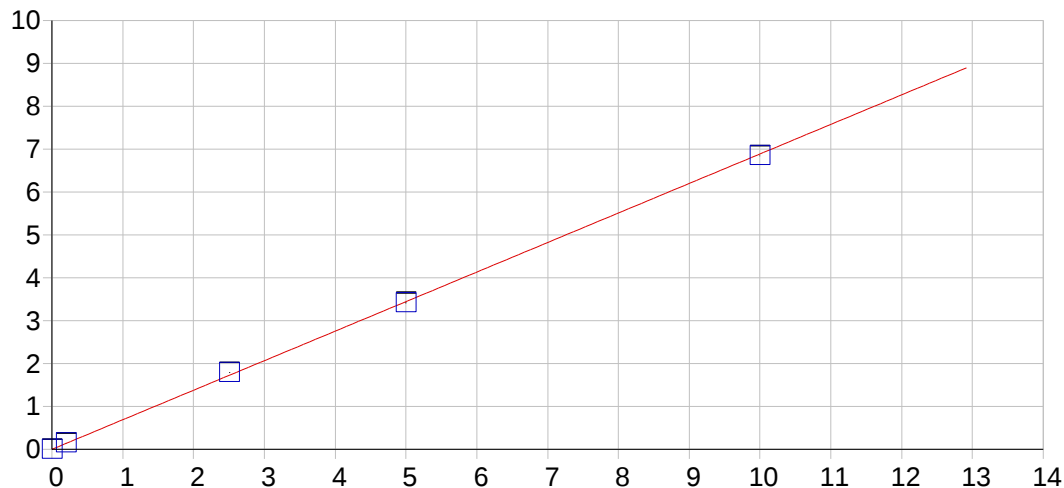
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020219 Re-Slope: 1.000000
 A1 (Gain): 0.076163 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816
 Std Error of Est: 0.000797
 Predicted MDL: 0.041705
 Predicted MQL: 0.139018

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0463	.046	2.31	.13563	.000	1
S0	.00000	-.00010	-.000	.000	-.02023	.002	1
S3	12.500	13.077	.577	4.61	.97575	.003	1
S4	25.000	24.760	-.240	-.960	1.8656	.018	1
S5	50.000	49.617	-.383	-.766	3.7588	.014	1



Mo 202.030 {467}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

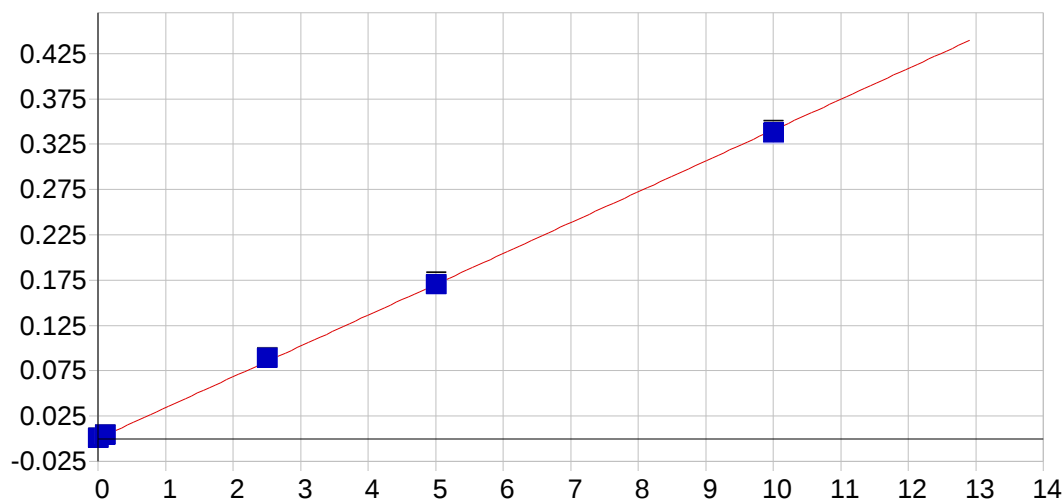
Weighting: 1/Conc

A0 (Offset): 0.000278
 A1 (Gain): 0.689217
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855
 Std Error of Est: 0.000903
 Predicted MDL: 0.000332
 Predicted MQL: 0.001107

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	.00027	.000	1
S1	.20000	.20621	.006	3.10	.14240	.001	1
S3	2.5000	2.6022	.102	4.09	1.7937	.002	1
S4	5.0000	4.9627	-.037	-.746	3.4207	.017	1
S5	10.000	9.9289	-.071	-.711	6.8435	.001	1

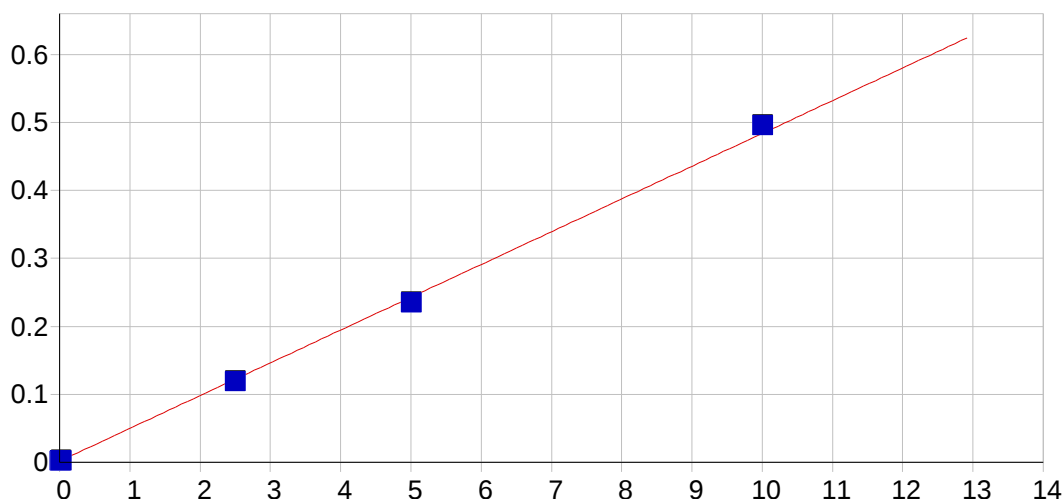


B 249.678 {135}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.034026 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.011182
 Predicted MQL: 0.037275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00016	.000	1
S1	.10000	.10662	.007	6.62	.00377	.000	1
S3	2.5000	2.5997	.100	3.99	.08842	.001	1
S4	5.0000	4.9955	-.005	-.091	.16974	.002	1
S5	10.000	9.8983	-.102	-1.02	.33616	.003	1



S 182.034 {485}

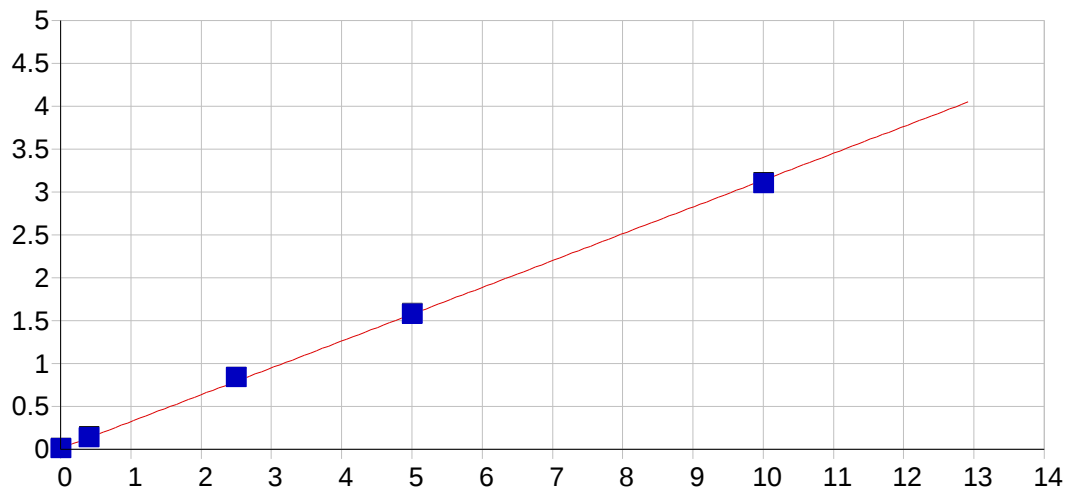
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001760 Re-Slope: 1.000000
 A1 (Gain): 0.048208 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999477
 Std Error of Est: 0.000038
 Predicted MDL: 0.003562
 Predicted MQL: 0.011872

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00176	.000	1
S1	.02000	.01006	-.010	-49.7	.00222	.000	1
S3	2.5000	2.4306	-.069	-2.78	.11880	.000	1
S4	5.0000	4.8348	-.165	-3.30	.23456	.000	1
S5	10.000	10.244	.244	2.44	.49507	.000	1



Si 288.158 {117}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

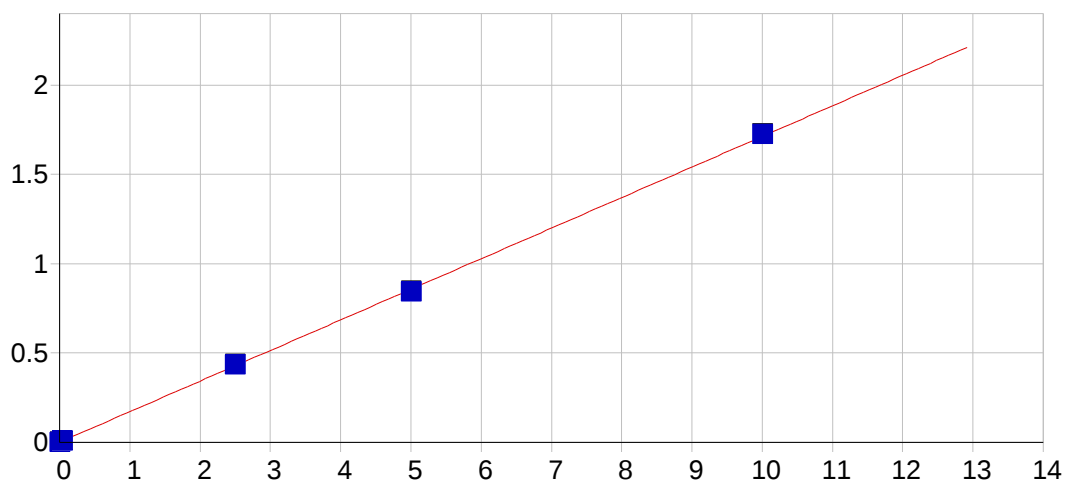
Weighting: 1/Conc

A0 (Offset): 0.010578
 A1 (Gain): 0.312786
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761
 Std Error of Est: 0.000746
 Predicted MDL: 0.003392
 Predicted MQL: 0.011307

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	.01057	.000	1
S1	.40000	.40517	.005	1.29	.13721	.001	1
S3	2.5000	2.6279	.128	5.12	.83213	.005	1
S4	5.0000	5.0054	.005	.109	1.5754	.008	1
S5	10.000	9.8615	-.138	-1.38	3.0935	.010	1

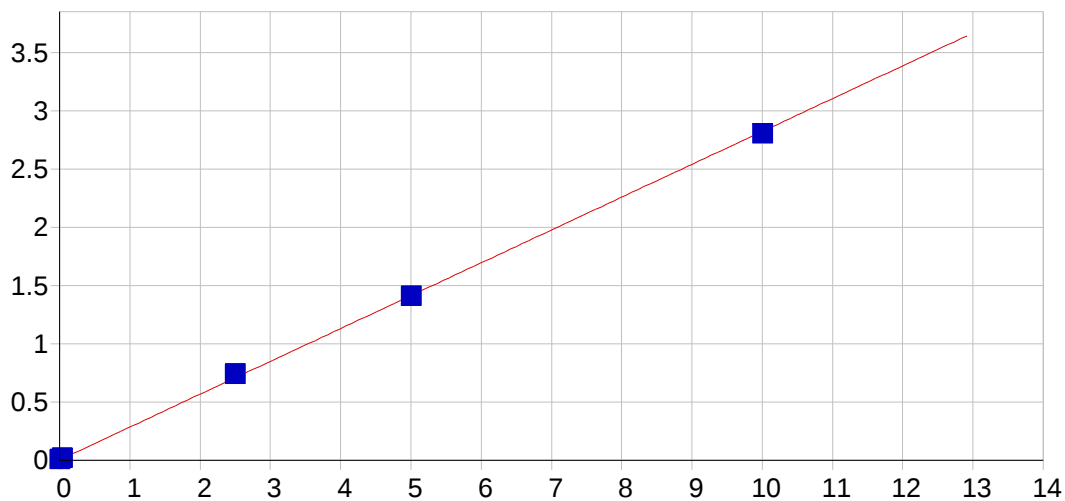


Sn 189.989 {477}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000872 Re-Slope: 1.000000
 A1 (Gain): 0.171156 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.000897
 Predicted MQL: 0.002990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00087	.000	1
S1	.04000	.04162	.002	4.05	.00800	.000	1
S3	2.5000	2.5317	.032	1.27	.43427	.001	1
S4	5.0000	4.9042	-.096	-1.92	.84041	.006	1
S5	10.000	10.062	.062	.624	1.7234	.004	1



Ti 336.121 {100}

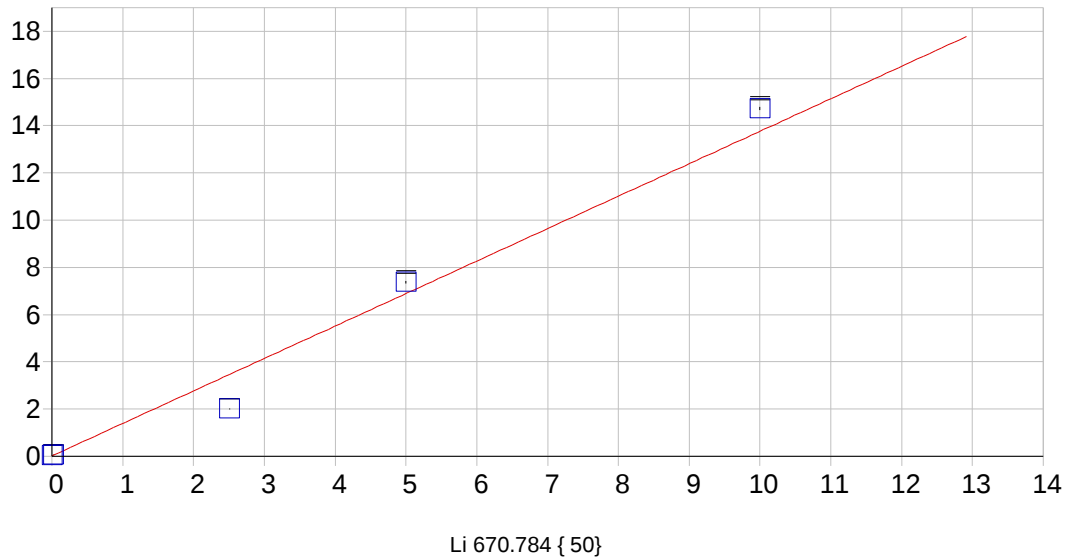
Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003766 Re-Slope: 1.000000
 A1 (Gain): 0.281811 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852
 Std Error of Est: 0.000166
 Predicted MDL: 0.002326
 Predicted MQL: 0.007755

Status: OK.

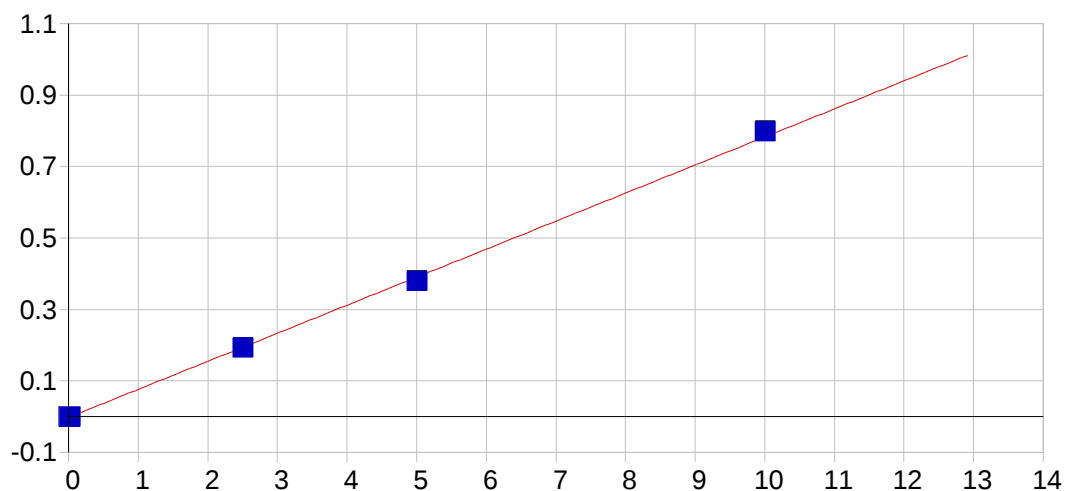
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00377	.001	1
S1	.04000	.04176	.002	4.39	.01553	.000	1
S3	2.5000	2.6038	.104	4.15	.73746	.002	1
S4	5.0000	4.9776	-.022	-.448	1.4063	.000	1
S5	10.000	9.9168	-.083	-.832	2.7981	.004	1



Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017610 Re-Slope: 1.000000
 A1 (Gain): 1.374914 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.985684 Status: OK.
 Std Error of Est: 0.005680
 Predicted MDL: 0.002203
 Predicted MQL: 0.007345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01762	.001	1
S1	.02000	.02075	.001	3.74	.04614	.001	1
S3	2.5000	1.4519	-1.05	-41.9	2.0138	.005	1
S4	5.0000	5.3482	.348	6.96	7.3709	.065	1
S5	10.000	10.699	.699	6.99	14.728	.065	1



P 177.495 {490}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002111 Re-Slope: 1.000000
 A1 (Gain): 0.078481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.002041
 Predicted MQL: 0.006804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00211	.000	1
S1	.02000	.01821	-.002	-8.94	-.00069	.000	1
S3	2.5000	2.4707	-.029	-1.17	.19150	.001	1
S4	5.0000	4.8535	-.147	-2.93	.37822	.002	1
S5	10.000	10.178	.178	1.78	.79550	.002	1



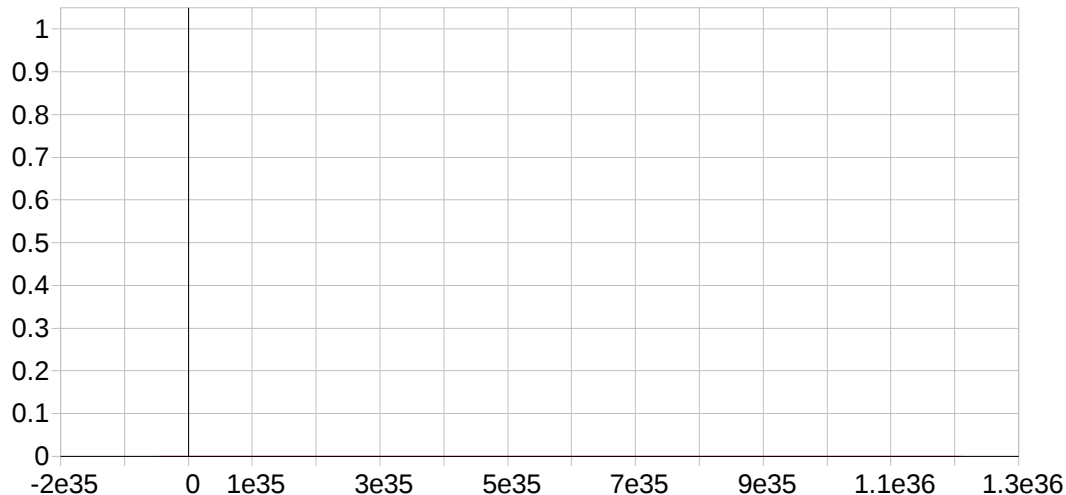
Y 224.306 {450}*

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

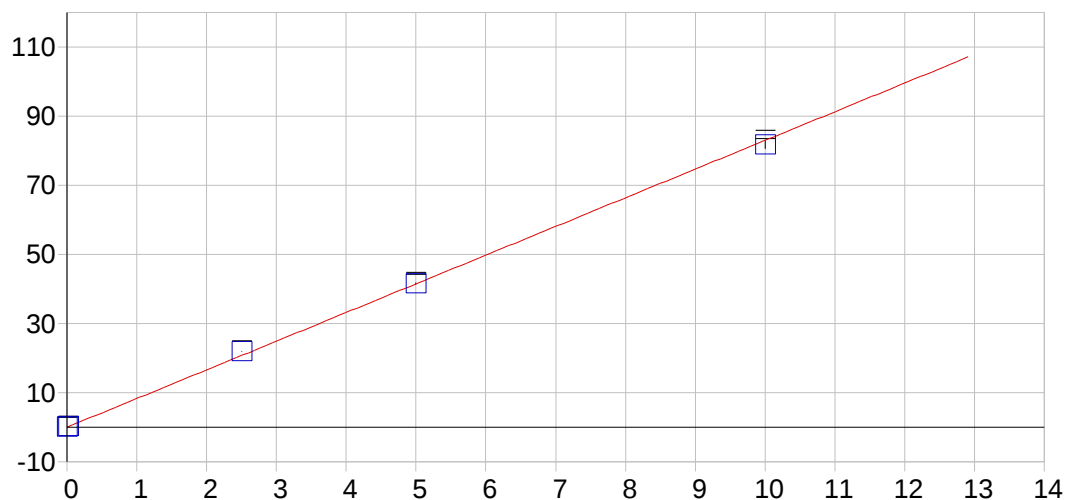
Status: Warning Zero Gain

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
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Sr 407.771 { 83}

Date of Fit: 10/12/2018 23:44:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005783

Re-Slope: 1.000000

A1 (Gain): 8.299125

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999695

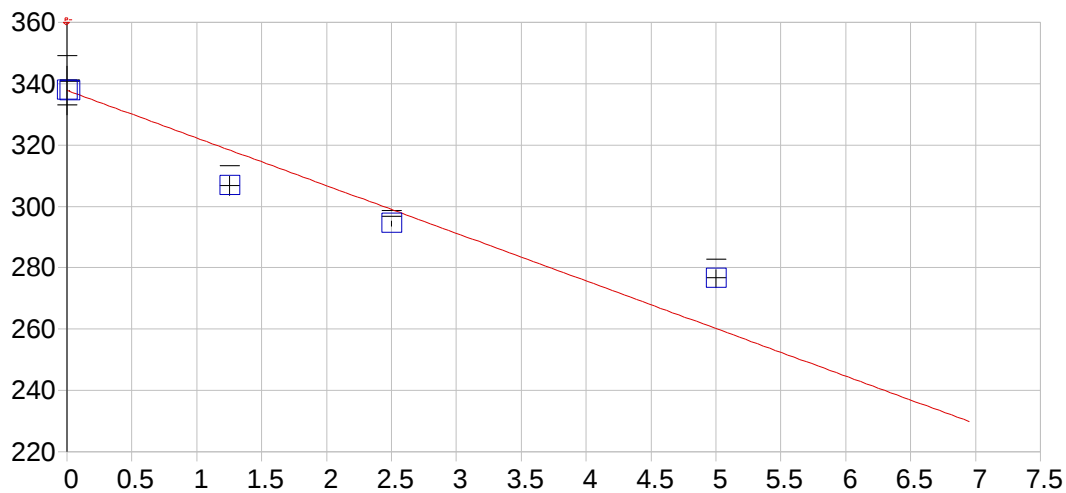
Status: OK.

Std Error of Est: 0.004948

Predicted MDL: 0.000139

Predicted MQL: 0.000465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00580	.000	1
S1	.02000	.02128	.001	6.38	.17079	.002	1
S3	2.5000	2.6442	.144	5.77	21.939	.046	1
S4	5.0000	5.0051	.005	.101	41.532	.302	1
S5	10.000	9.8494	-.151	-1.51	81.736	1.26	1

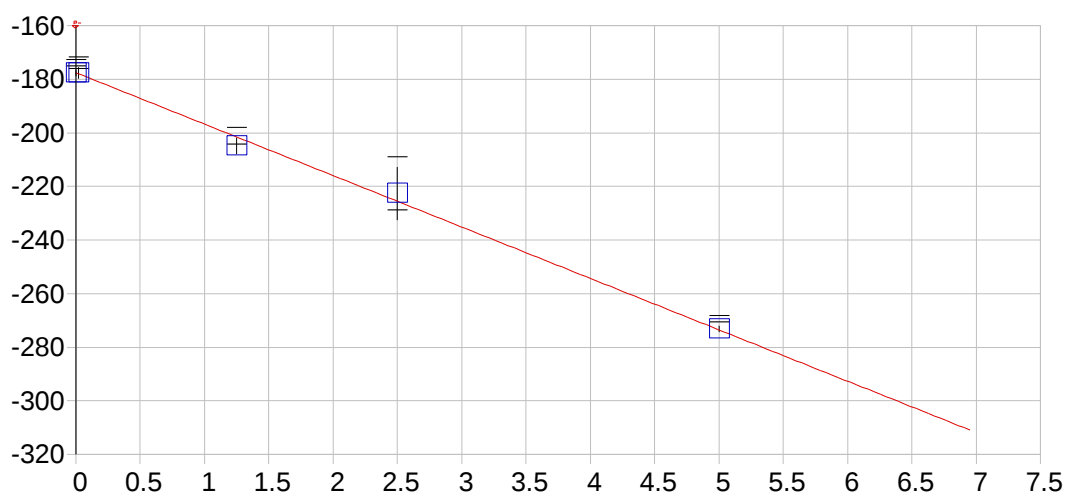


U 367.007 { 92 }

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 337.826253 Re-Slope: 1.000000
A1 (Gain): -15.528431 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.961731 Status: Warning Negative Gain
Std Error of Est: 0.075601
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	337.83	7.99	1
S1	.02000	.01550	-.004	-22.5	337.59	.222	1
S3	1.2500	2.0047	.755	60.4	306.70	3.30	1
S4	2.5000	2.7977	.298	11.9	294.38	.871	1
S5	5.0000	3.9520	-1.05	-21.0	276.46	2.98	1



U 385.958 { 87}

Date of Fit: 10/12/2018 23:44:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -177.594460 Re-Slope: 1.000000

A1 (Gain): -19.182745 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.997714

Status: Warning Negative Gain

Std Error of Est: 0.022205

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-177.59	1.22	1
S1	.02000	.00914	-.011	-54.3	-177.77	2.13	1
S3	1.2500	1.4276	.178	14.2	-204.98	3.07	1
S4	2.5000	2.3497	-.150	-6.01	-222.67	9.97	1
S5	5.0000	4.9835	-.016	-.329	-273.19	1.08	1

Sample Name: S0 Acquired: 10/12/2018 10:54:03 Type: Cal
Method: P4-ICP2(v2493) 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	.00026	-.00044	.00310	-.00010	.00069	-.00003	.06604	.00018
Stddev	.00002	.00022	.00002	.00001	.00037	.00009	.00077	.00001
%RSD	6.3362	49.226	.79538	13.527	52.692	247.69	1.1664	4.5595
#1	.00027	-.00029	.00308	-.00009	.00095	.00003	.06550	.00018
#2	.00025	-.00060	.00311	-.00011	.00044	-.00009	.06659	.00017
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	-.00073	.00104	.00001	-.00004	-.00059	-.00469	.00033	-.00008
Stddev	.00018	.00013	.00004	.00007	.00021	.00313	.00004	.00004
%RSD	24.344	12.410	310.42	154.18	35.235	66.712	12.931	59.419
#1	-.00061	.00095	.00004	-.00009	-.00044	-.00691	.00036	-.00004
#2	-.00086	.00114	-.00002	.00000	-.00074	-.00248	.00030	-.00011
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	-.00635	.00010	.05428	.00006	.11386	-.02023	.00027	.00016
Stddev	.00006	.00001	.00014	.00005	.00570	.00185	.00005	.00029
%RSD	.98736	9.9000	.26681	88.542	5.0076	9.1633	18.296	183.12
#1	-.00639	.00009	.05438	.00010	.10983	-.01892	.00023	.00036
#2	-.00630	.00010	.05417	.00002	.11790	-.02154	.00030	-.00005
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	.00176	.01057	.00087	.00377	.01762	-.0021	-.00580	337.83
Stddev	.00014	.00044	.00025	.00053	.00095	.0000	.00049	7.99
%RSD	7.7704	4.1501	28.564	14.017	5.4165	2.093	8.4893	2.3649
#1	.00186	.01026	.00105	.00339	.01829	-.0021	-.00545	332.18
#2	.00166	.01088	.00070	.00414	.01694	-.0021	-.00615	343.48

Sample Name: S0 Acquired: 10/12/2018 10:54:03 Type: Cal
Method: P4-ICP2(v2493) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-177.59
Stddev	1.22
%RSD	.68703

#1	-176.73
#2	-178.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.0	48591.	4583.5	101.68	3836.1
Stddev	5.7	1803.	7.1	1.21	22.0
%RSD	.15884	3.7097	.15441	1.1939	.57333

#1	3593.9	47316.	4578.5	102.53	3820.5
#2	3602.0	49865.	4588.5	100.82	3851.6

Sample Name: S1 Acquired: 10/12/2018 10:58:06 Type: Cal
Method: P4-ICP2(v2493) 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	.00121	.00622	.00651	.00127	.00873	.00079	.54164	.00565
Stddev	.00018	.00015	.00016	.00002	.00006	.00019	.00234	.00012
%RSD	14.539	2.4902	2.4201	1.8369	.70127	24.268	.43201	2.1186

#1	.00108	.00633	.00662	.00125	.00877	.00092	.53999	.00573
#2	.00133	.00611	.00640	.00128	.00868	.00065	.54330	.00556

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	.01997	.00172	.03941	.01435	.13309	.02681	.02361	.00205
Stddev	.00020	.00001	.00028	.00010	.00809	.00000	.00017	.00001
%RSD	.98917	.37679	.71864	.70340	6.0749	.00814	.74130	.63990

#1	.01983	.00171	.03921	.01428	.13881	.02681	.02348	.00204
#2	.02011	.00172	.03961	.01442	.12737	.02681	.02373	.00205

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	.00815	4.4661	.14240	.00377	.00222	.13721	.00800	.01553
Stddev	.00002	.0973	.00096	.00011	.00026	.00120	.00004	.00001
%RSD	.24509	2.1788	.67418	3.0367	11.705	.87596	.44017	.08621

#1	.00817	4.5349	.14172	.00385	.00240	.13636	.00797	.01552
#2	.00814	4.3973	.14308	.00369	.00203	.13806	.00802	.01554

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04614	-.0007	.17079	337.59	-177.77
Stddev	.00083	.0001	.00210	.22	2.13
%RSD	1.8069	12.12	1.2321	.06584	1.1993

#1	.04555	-.0006	.17228	337.43	-179.28
#2	.04673	-.0007	.16930	337.74	-176.26

Sample Name: S1 Acquired: 10/12/2018 10:58:06 Type: Cal
Method: P4-ICP2(v2493) 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	3711.2	49800.	4792.2	107.14	3925.2
Stddev	3.4	110.	7.5	3.19	5.1
%RSD	.09244	.22089	.15567	2.9755	.13018
#1	3708.8	49722.	4786.9	104.88	3921.6
#2	3713.7	49878.	4797.5	109.39	3928.9

Sample Name: S2 Acquired: 10/12/2018 11:02:08 Type: Cal
Method: P4-ICP2(v2493) 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	.08290	.01876	.57926	.13563
Stddev	.00031	.00067	.00221	.00005
%RSD	.37985	3.5698	.38096	.04032

#1	.08312	.01829	.58082	.13559
#2	.08268	.01924	.57770	.13567

Int. Std.	Y_3710
Units	Cts/S
Avg	4753.9
Stddev	9.9
%RSD	.20760

#1	4760.8
#2	4746.9

Sample Name: S3 Acquired: 10/12/2018 11:06:06 Type: Cal
Method: P4-ICP2(v2493) 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	.11588	.36061	.73786	.16439	.39010	.03668	22.823	.10721
Stddev	.00025	.00145	.00063	.00021	.00213	.00039	.031	.00015
%RSD	.21437	.40269	.08576	.12899	.54674	1.0760	.13517	.14327

#1	.11570	.36164	.73831	.16424	.38860	.03641	22.845	.10732
#2	.11606	.35958	.73741	.16454	.39161	.03696	22.801	.10711

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3168	.50040	.08447	1.5208	.45276	3.4988	1.5197	.11639
Stddev	.0170	.00014	.00015	.0050	.00028	.0168	.0024	.00046
%RSD	.39339	.02882	.17719	.33176	.06125	.48093	.15957	.39111

#1	4.3288	.50051	.08457	1.5243	.45256	3.5107	1.5214	.11607
#2	4.3048	.50030	.08436	1.5172	.45296	3.4869	1.5180	.11672

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	.86939	.12369	3.3134	.23669	122.02	.97575	1.7937	.08842
Stddev	.00140	.00003	.0164	.00094	1.33	.00321	.0023	.00081
%RSD	.16111	.02724	.49544	.39564	1.0937	.32894	.12806	.91698

#1	.87038	.12367	3.3250	.23735	122.96	.97348	1.7921	.08784
#2	.86840	.12372	3.3018	.23603	121.07	.97802	1.7953	.08899

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	.11880	.83213	.43427	.73746	2.0138	.1915	21.939	306.70
Stddev	.00021	.00481	.00098	.00215	.0054	.0009	.046	3.30
%RSD	.17740	.57797	.22544	.29195	.26966	.4600	.20891	1.0772

#1	.11895	.83553	.43496	.73594	2.0100	.1921	21.971	304.36
#2	.11865	.82872	.43357	.73899	2.0177	.1909	21.907	309.03

Sample Name: S3 Acquired: 10/12/2018 11:06:06 Type: Cal
Method: P4-ICP2(v2493) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-204.98
Stddev	3.07
%RSD	1.4978

#1	-207.15
#2	-202.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.0	48495.	4720.1	103.15	3650.8
Stddev	5.3	201.	31.2	1.19	13.7
%RSD	.14811	.41439	.66062	1.1530	.37526

#1	3592.8	48353.	4698.0	102.31	3641.1
#2	3585.3	48637.	4742.1	103.99	3660.5

Sample Name: S4 Acquired: 10/12/2018 11:09:52 Type: Cal
Method: P4-ICP2(v2493) 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	.22839	.71071	1.4627	.32315	.74881	.07165	43.716	.20770
Stddev	.00061	.00191	.0070	.00084	.00269	.00027	.394	.00046
%RSD	.26823	.26932	.48100	.26101	.35880	.37587	.90105	.22311
#1	.22796	.70936	1.4577	.32256	.74691	.07184	43.994	.20803
#2	.22883	.71207	1.4676	.32375	.75071	.07146	43.437	.20738
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.6099	.94692	.16227	2.9375	.85197	6.8053	2.9110	.21970
Stddev	.0505	.00188	.00037	.0187	.00368	.0189	.0015	.00105
%RSD	.58681	.19815	.22867	.63595	.43161	.27790	.05176	.47579
#1	8.5742	.94825	.16253	2.9243	.84937	6.7919	2.9100	.22044
#2	8.6456	.94559	.16201	2.9508	.85457	6.8187	2.9121	.21897
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	1.6687	.23683	6.2749	.45809	239.85	1.8656	3.4207	.16974
Stddev	.0118	.00011	.0335	.00070	.88	.0180	.0166	.00248
%RSD	.70547	.04610	.53387	.15228	.36499	.96216	.48518	1.4604
#1	1.6604	.23690	6.2986	.45760	240.47	1.8783	3.4089	.17149
#2	1.6770	.23675	6.2512	.45859	239.23	1.8529	3.4324	.16798
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	.23456	1.5754	.84041	1.4063	7.3709	.3782	41.532	294.38
Stddev	.00041	.0081	.00563	.0004	.0650	.0019	.302	.87
%RSD	.17292	.51625	.67005	.02503	.88259	.4896	.72795	.29588
#1	.23428	1.5811	.83643	1.4061	7.4169	.3769	41.746	295.00
#2	.23485	1.5696	.84439	1.4066	7.3249	.3795	41.318	293.77

Sample Name: S4 Acquired: 10/12/2018 11:09:52 Type: Cal
Method: P4-ICP2(v2493) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-222.67
Stddev	9.97
%RSD	4.4758

#1	-215.62
#2	-229.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.6	47122.	4667.6	98.795	3509.7
Stddev	7.9	63.	21.6	.549	14.0
%RSD	.22269	.13407	.46353	.55520	.39870

#1	3542.2	47078.	4652.3	98.407	3519.6
#2	3531.1	47167.	4682.9	99.183	3499.8

Sample Name: S5 Acquired: 10/12/2018 11:13:39 Type: Cal
Method: P4-ICP2(v2493) 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	.46319	1.4311	2.9776	.65008	1.5115	.14338	87.351	.41302
Stddev	.00012	.0015	.0066	.00055	.0005	.00170	.389	.00083
%RSD	.02597	.10515	.22241	.08511	.03603	1.1888	.44528	.20147
#1	.46328	1.4322	2.9822	.64968	1.5119	.14218	87.626	.41243
#2	.46311	1.4301	2.9729	.65047	1.5111	.14459	87.076	.41361
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	17.634	1.8572	.32075	6.0325	1.6834	13.519	5.7162	.43991
Stddev	.050	.0029	.00087	.0155	.0036	.144	.0061	.00011
%RSD	.28619	.15638	.27120	.25756	.21353	1.0670	.10723	.02387
#1	17.669	1.8552	.32014	6.0435	1.6809	13.621	5.7118	.43998
#2	17.598	1.8593	.32137	6.0215	1.6860	13.417	5.7205	.43983
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4075	.47439	12.533	.91472	461.58	3.7588	6.8435	.33616
Stddev	.0084	.00068	.039	.00019	5.13	.0144	.0009	.00319
%RSD	.24745	.14263	.30768	.02068	1.1123	.38455	.01348	.94976
#1	3.4134	.47487	12.506	.91485	465.21	3.7486	6.8428	.33391
#2	3.4015	.47391	12.561	.91458	457.95	3.7690	6.8441	.33842
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	.49507	3.0935	1.7234	2.7981	14.728	.7955	81.736	276.46
Stddev	.00019	.0100	.0043	.0037	.065	.0017	1.260	2.98
%RSD	.03866	.32279	.24770	.13341	.43944	.2109	1.5410	1.0762
#1	.49494	3.1005	1.7264	2.7954	14.682	.7967	80.845	274.35
#2	.49521	3.0864	1.7204	2.8007	14.774	.7943	82.626	278.56

Sample Name: S5 Acquired: 10/12/2018 11:13:39 Type: Cal
 Method: P4-ICP2(v2493) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-273.19
Stddev	1.08
%RSD	.39566

#1	-272.43
#2	-273.96

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.9	46208.	4623.1	97.403	3288.7
Stddev	8.6	26.	27.8	1.272	15.4
%RSD	.24991	.05676	.60234	1.3056	.46790

#1	3418.9	46189.	4603.4	96.504	3277.8
#2	3431.0	46227.	4642.8	98.302	3299.5

Sample Name: ICV01 Acquired: 10/12/2018 11:17:38 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0012	1.0253	.99004	1.0243	.98327	2.4755	.50856
Stddev	.0043	.0108	.00340	.0081	.00515	.0898	.00557
%RSD	.43221	1.0537	.34325	.78837	.52382	3.6276	1.0953
#1	.99812	1.0330	.99244	1.0300	.98692	2.5390	.51250
#2	1.0042	1.0177	.98764	1.0186	.97963	2.4120	.50462
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48502	.48540	10.103	.49402	.49007	.50244	4.9675
Stddev	.01551	.00205	.049	.01704	.00152	.00188	.0313
%RSD	3.1971	.42145	.48695	3.4495	.31052	.37364	.63032
#1	.49599	.48685	10.068	.50607	.49114	.50376	4.9896
#2	.47406	.48396	10.137	.48197	.48899	.50111	4.9454
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50176	6.0619	.49443	.50239	10.081	.48745	1.0020
Stddev	.01663	.0209	.00126	.01720	.108	.01630	.0094
%RSD	3.3150	.34444	.25465	3.4229	1.0664	3.3440	.93657
#1	.51352	6.0471	.49533	.51455	10.157	.49898	1.0086
#2	.49000	6.0767	.49354	.49023	10.005	.47592	.99536
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.158	2.5390	2.5544	F -.02041	2.3771	2.4443	2.5531
Stddev	.070	.0062	.0210	.00062	.0050	.0099	.0023
%RSD	.68642	.24559	.82103	3.0391	.21074	.40594	.09091
#1	10.207	2.5434	2.5396	-.01997	2.3806	2.4513	2.5515
#2	10.109	2.5346	2.5693	-.02085	2.3735	2.4373	2.5548

Sample Name: ICV01 Acquired: 10/12/2018 11:17:38 Type: Unk
Method: P4-ICP2(v2493) 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 -.00103	F .0047	F .01196	F<.00000	F 2.2840
Stddev	.00176	.0013	.00020	1.0164	.0176
%RSD	170.02	26.55	1.6777	1050.1	.76851

#1	-.00228	.0038	.01210	.62193	2.2964
#2	.00021	.0056	.01182	-.81552	2.2716

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.2	50867.	4851.5	107.07	3829.1
Stddev	11.1	1567.	22.4	.95	14.6
%RSD	.30006	3.0804	.46148	.89177	.38028

#1	3679.3	49759.	4835.7	106.40	3818.8
#2	3695.0	51975.	4867.3	107.75	3839.4

Sample Name: LLICV01 Acquired: 10/12/2018 11:21:28 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01703	.04668	.01436	.02320	.05494	.10255	.10582
Stddev	.00353	.00223	.00091	.00114	.00101	.01295	.00004
%RSD	20.728	4.7822	6.3424	4.9345	1.8379	12.628	.03778

#1	.01953	.04510	.01501	.02401	.05565	.09339	.10585
#2	.01454	.04826	.01372	.02239	.05422	.11171	.10579

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00647	.00596	2.0707	.01043	.03279	.02108	.08484
Stddev	.00004	.00003	.0218	.00033	.00021	.00025	.00485
%RSD	.58266	.56190	1.0544	3.1193	.62662	1.1938	5.7210

#1	.00650	.00594	2.0552	.01066	.03294	.02091	.08828
#2	.00645	.00599	2.0861	.01020	.03265	.02126	.08141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02274	2.1768	.04339	.01039	2.0142	.04413	.04795
Stddev	.00007	.0014	.00000	.00022	.0439	.00008	.00042
%RSD	.29100	.06611	.01066	2.1311	2.1774	.19246	.88560

#1	.02279	2.1778	.04340	.01023	1.9832	.04420	.04765
#2	.02269	2.1758	.04339	.01055	2.0452	.04407	.04825

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0317	.20684	.10220	F -.00765	.40998	.04202	.04222
Stddev	.0464	.00020	.00427	.00168	.00030	.00101	.00036
%RSD	2.2832	.09840	4.1739	22.012	.07275	2.4045	.84485

#1	1.9989	.20670	.10521	-.00646	.40977	.04274	.04248
#2	2.0645	.20699	.09918	-.00884	.41019	.04131	.04197

Sample Name: LLICV01 Acquired: 10/12/2018 11:21:28 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02037	.0170	.02068	F .44819	F .91374
Stddev	.00132	.0010	.00012	.28924	.68633
%RSD	6.4826	5.911	.57199	64.534	75.113

#1	.02130	.0177	.02060	.24367	1.3990
#2	.01943	.0163	.02076	.65271	.42843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.0	50047.	4795.6	107.35	3960.3
Stddev	12.2	145.	22.4	1.30	18.3
%RSD	.32678	.28895	.46648	1.2131	.46188

#1	3715.4	49945.	4779.8	106.43	3947.4
#2	3732.6	50150.	4811.4	108.27	3973.3

Sample Name: ICB01 Acquired: 10/12/2018 11:25:30 Type: Unk
Method: P4-ICP2(v2493) 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	-.00230	.00094	.00091	-.00228	-.00101	-.00389	.00035
Stddev	.00066	.00118	.00092	.00057	.00169	.01196	.00005
%RSD	28.821	125.21	101.14	24.922	167.89	307.76	13.717

#1	-.00277	.00011	.00156	-.00188	.00019	.00457	.00038
#2	-.00183	.00178	.00026	-.00269	-.00220	-.01234	.00031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00005	-.02360	-.00027	.00004	.00047	-.01093
Stddev	.00006	.00003	.00576	.00031	.00002	.00026	.00322
%RSD	101.30	66.517	24.430	112.35	42.323	55.772	29.438

#1	.00002	.00007	-.02767	-.00049	.00003	.00066	-.00866
#2	.00010	.00003	-.01952	-.00006	.00005	.00029	-.01321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.06041	.00029	-.00019	-.12893	-.00069	-.00006
Stddev	.00002	.08516	.00008	.00022	.00582	.00018	.00008
%RSD	40.769	140.97	28.980	111.98	4.5162	26.173	127.83

#1	-.00006	-.00019	.00035	-.00004	-.12482	-.00056	-.00012
#2	-.00003	-.12062	.00023	-.00035	-.13305	-.00081	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02984	.00032	.00238	F -.03308	-.00177	-.00075	.00142
Stddev	.05003	.00026	.00151	.00056	.00023	.00047	.00065
%RSD	167.65	81.600	63.623	1.7016	12.750	62.507	45.705

#1	.00554	.00051	.00131	-.03268	-.00193	-.00109	.00187
#2	-.06522	.00014	.00344	-.03347	-.00161	-.00042	.00096

Sample Name: ICB01 Acquired: 10/12/2018 11:25:30 Type: Unk
 Method: P4-ICP2(v2493) 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	-0.00507	-0.0009	.00003	F 1.8785	F 1.0158
Stddev	.00102	.0001	.00007	.6693	.1261
%RSD	20.187	15.03	219.46	35.627	12.417

#1	-0.00579	-0.0008	.00008	2.3517	1.1050
#2	-0.00435	-0.0010	-0.00002	1.4053	.92665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.8	49023.	4834.3	109.58	4012.8
Stddev	10.8	935.	62.1	4.25	14.8
%RSD	.28922	1.9076	1.2856	3.8824	.36887

#1	3711.2	48361.	4878.2	112.59	4023.2
#2	3726.4	49684.	4790.3	106.58	4002.3

Sample Name: CRI01 Acquired: 10/12/2018 11:29:34 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02128	.04471	.01245	.01932	.05462	.09354	.10874
Stddev	.00230	.00021	.00061	.00155	.00111	.00570	.00017
%RSD	10.827	.46154	4.9087	8.0289	2.0292	6.0962	.16001

#1	.02291	.04486	.01202	.02041	.05384	.08950	.10862
#2	.01965	.04456	.01288	.01822	.05540	.09757	.10886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	.00589	2.1853	.01029	.03217	.02119	.09875
Stddev	.00005	.00005	.0143	.00007	.00003	.00007	.00432
%RSD	.77006	.93358	.65352	.66393	.09004	.33856	4.3743

#1	.00640	.00593	2.1954	.01034	.03215	.02124	.09570
#2	.00647	.00585	2.1752	.01024	.03219	.02114	.10180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02306	2.1666	.04286	.01050	2.0438	.04379	.04652
Stddev	.00005	.0834	.00029	.00021	.0147	.00025	.00016
%RSD	.20070	3.8480	.68806	2.0315	.71792	.56651	.34017

#1	.02303	2.1076	.04265	.01065	2.0334	.04361	.04663
#2	.02309	2.2255	.04307	.01035	2.0541	.04396	.04640

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0832	.20919	.11422	F -.00839	.41474	.04022	.04170
Stddev	.0125	.00026	.00355	.00479	.00199	.00019	.00151
%RSD	.59913	.12582	3.1080	57.116	.48040	.47245	3.6220

#1	2.0743	.20938	.11171	-.00500	.41333	.04009	.04064
#2	2.0920	.20901	.11673	-.01178	.41615	.04036	.04277

Sample Name: CRI01 Acquired: 10/12/2018 11:29:34 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01931	.0213	.02109	F 1.9229	F .78718
Stddev	.00011	.0012	.00000	.3998	.20366
%RSD	.56971	5.685	.00016	20.790	25.873

#1	.01939	.0205	.02109	2.2055	.93119
#2	.01923	.0222	.02109	1.6402	.64317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3686.7	49584.	4756.7	107.75	3954.2
Stddev	1.0	24.	6.0	.31	13.9
%RSD	.02604	.04821	.12676	.28983	.35070

#1	3687.4	49601.	4752.4	107.53	3944.4
#2	3686.1	49568.	4760.9	107.98	3964.0

Sample Name: ICSA01 Acquired: 10/12/2018 11:39:18 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00862	-.00202	.00087	-.01786	.00380	270.83	.00572
Stddev	.00502	.00067	.00092	.00320	.00183	.34	.00007
%RSD	58.221	32.991	105.66	17.943	48.248	.12406	1.3013

#1	.01216	-.00155	.00153	-.02012	.00509	271.07	.00577
#2	.00507	-.00249	.00022	-.01559	.00250	270.60	.00566

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00164	251.22	.05356	-.00064	.01477	96.409
Stddev	.00004	.00009	.60	.00028	.00002	.00030	.319
%RSD	7.1011	5.6176	.23993	.52158	3.3919	2.0592	.33059

#1	.00048	-.00171	251.64	.05376	-.00063	.01456	96.635
#2	.00053	-.00158	250.79	.05336	-.00066	.01499	96.184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01437	256.06	-.00691	-.00527	-.08117	.00175	-.00126
Stddev	.00002	1.01	.00031	.00046	.00087	.00102	.00014
%RSD	.16570	.39358	4.4504	8.6482	1.0691	58.178	11.141

#1	.01435	256.77	-.00669	-.00494	-.08178	.00103	-.00136
#2	.01439	255.35	-.00713	-.00559	-.08056	.00247	-.00116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00027	-.03439	F -.03194	-.00983	.00423	-.00283
Stddev	.03264	.00018	.00981	.00108	.00213	.00079	.00156
%RSD	26519.	68.666	28.543	3.3827	21.675	18.750	55.196

#1	-.02296	-.00014	-.02745	-.03271	-.01133	.00479	-.00172
#2	.02320	-.00040	-.04133	-.03118	-.00832	.00367	-.00393

Sample Name: ICSA01 Acquired: 10/12/2018 11:39:18 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.0089	F .10090	F<.00000	F 6.5748
Stddev	.00068	.0027	.00044	.64192	.4580
%RSD	25.323	30.65	.43498	5.4770	6.9661

#1	.00219	.0108	.10059	-11.266	6.8987
#2	.00315	.0069	.10121	-12.174	6.2510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.8	44275.	4599.4	96.265	3237.9
Stddev	14.9	75.	1.9	.303	3.6
%RSD	.44957	.16955	.04129	.31425	.11263

#1	3308.3	44222.	4598.0	96.051	3240.5
#2	3329.4	44328.	4600.7	96.479	3235.3

Sample Name: ICSAB01 Acquired: 10/12/2018 11:43:24 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11650	.09902	.05396	.03553	.62565	270.64	.52880
Stddev	.00101	.00061	.00067	.00510	.00190	.89	.00417
%RSD	.86597	.61860	1.2377	14.355	.30389	.32872	.78850

#1	.11721	.09858	.05443	.03914	.62699	271.27	.53175
#2	.11578	.09945	.05349	.03192	.62430	270.01	.52585

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54844	1.0072	246.28	.56132	.50258	.52489	93.386
Stddev	.00306	.0014	1.21	.00342	.00026	.00248	.064
%RSD	.55784	.14269	.49052	.60894	.05205	.47342	.06846

#1	.55060	1.0062	247.14	.56374	.50240	.52665	93.431
#2	.54627	1.0082	245.43	.55891	.50277	.52314	93.341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54028	249.05	.98711	.21209	-.07111	.52174	1.0009
Stddev	.00152	1.12	.00112	.00075	.00185	.00372	.0015
%RSD	.28216	.45034	.11362	.35228	2.5994	.71204	.14739

#1	.54136	249.84	.98631	.21262	-.07241	.52437	.99989
#2	.53921	248.26	.98790	.21156	-.06980	.51912	1.0020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00699	F .57978	F .54617	F -.03712	F .51392	F .57169	F .56789
Stddev	.00783	.00032	.01371	.00039	.00636	.00076	.00227
%RSD	112.08	.05499	2.5108	1.0510	1.2375	.13336	.39973

#1	-.00145	.57956	.55587	-.03685	.51842	.57115	.56628
#2	-.01252	.58001	.53647	-.03740	.50943	.57223	.56949

Sample Name: ICSAB01 Acquired: 10/12/2018 11:43:24 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00262	F .0141	.09984	F<.00000	F 6.0486
Stddev	.00181	.0003	.00011	.09877	.1320
%RSD	69.319	2.037	.10624	1.0174	2.1822

#1	.00133	.0143	.09976	-9.6377	6.1419
#2	.00390	.0139	.09991	-9.7774	5.9553

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.3	43356.	4593.1	96.924	3176.5
Stddev	14.5	206.	35.3	.029	4.6
%RSD	.44294	.47623	.76754	.03035	.14632

#1	3262.0	43210.	4568.2	96.903	3173.2
#2	3282.5	43502.	4618.1	96.945	3179.8

Sample Name: CCV01 Acquired: 10/12/2018 11:47:22 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9763	4.9185	4.9327	4.9945	4.9869	10.069	9.9900	.24830
Stddev	.0233	.0165	.0005	.0091	.0178	.116	.0428	.00022
%RSD	.46878	.33560	.01100	.18185	.35614	1.1506	.42865	.09019
#1	4.9598	4.9068	4.9323	4.9881	4.9744	9.9870	10.020	.24815
#2	4.9928	4.9301	4.9331	5.0009	4.9995	10.151	9.9597	.24846
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4508	25.560	.98150	2.4395	1.2520	4.7982	2.5054	24.580
Stddev	.0010	.052	.00066	.0005	.0029	.1510	.0052	.122
%RSD	.04015	.20270	.06772	.02031	.22766	3.1471	.20799	.49666
#1	2.4515	25.524	.98103	2.4392	1.2500	4.6914	2.5017	24.494
#2	2.4501	25.597	.98197	2.4399	1.2541	4.9050	2.5091	24.667
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4365	1.2237	24.665	2.4730	2.4428	24.959	4.9900	5.0071
Stddev	.0015	.0047	.067	.0028	.0643	.076	.0101	.0301
%RSD	.06054	.38213	.27160	.11444	2.6333	.30255	.20240	.60161
#1	2.4355	1.2204	24.712	2.4710	2.3973	25.012	4.9828	4.9858
#2	2.4376	1.2270	24.617	2.4750	2.4883	24.905	4.9971	5.0284
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8036	4.9731	4.8714	4.9443	F 5.3933	4.878	4.9839	F 4.0866
Stddev	.0155	.0040	.0118	.0101	.0185	.025	.0185	.3691
%RSD	.32221	.07994	.24291	.20515	.34270	.5138	.37114	9.0311
#1	4.7926	4.9759	4.8630	4.9515	5.4064	4.860	4.9969	3.8257
#2	4.8145	4.9703	4.8798	4.9372	5.3803	4.896	4.9708	4.3476

Sample Name: CCV01 Acquired: 10/12/2018 11:47:22 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8051
Stddev .1760
%RSD 6.2752

#1 2.9296
#2 2.6807

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.7	47138.	4669.7	102.13	3519.6
Stddev	1.5	209.	7.3	2.45	8.8
%RSD	.04290	.44296	.15649	2.4034	.24988

#1	3508.7	47286.	4664.5	103.87	3513.4
#2	3510.8	46990.	4674.9	100.40	3525.9

Sample Name: CCB01 Acquired: 10/12/2018 11:51:08 Type: Unk
Method: P4-ICP2(v2493) 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	-.00110	.00149	-.00048	-.00039	-.00193	-.00290	-.00014
Stddev	.00488	.00123	.00012	.00260	.00014	.00341	.00043
%RSD	442.38	82.975	25.830	667.61	7.2925	117.79	300.79

#1	.00235	.00061	-.00057	-.00223	-.00183	-.00048	.00016
#2	-.00455	.00236	-.00039	.00145	-.00203	-.00531	-.00045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00007	-.01425	-.00058	-.00001	.00001	-.00711
Stddev	.00001	.00003	.01241	.00053	.00015	.00018	.00640
%RSD	41.714	41.335	87.122	90.483	1068.6	2440.4	89.959

#1	.00001	.00009	-.02302	-.00021	.00009	.00013	-.01164
#2	.00003	.00005	-.00547	-.00096	-.00012	-.00012	-.00259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00313	.00032	.00048	-.14301	-.00046	-.00002
Stddev	.00006	.04147	.00023	.00019	.00759	.00027	.00010
%RSD	75.439	1326.3	70.747	39.152	5.3076	58.750	628.49

#1	-.00012	-.03245	.00048	.00061	-.13765	-.00065	.00005
#2	-.00004	.02620	.00016	.00035	-.14838	-.00027	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07683	.00016	.00057	F -.03300	-.00376	-.00152	.00026
Stddev	.00281	.00002	.00074	.00196	.00001	.00001	.00149
%RSD	3.6525	12.708	129.87	5.9541	.17515	.49787	576.86

#1	-.07485	.00015	.00109	-.03439	-.00376	-.00151	.00131
#2	-.07882	.00018	.00005	-.03161	-.00375	-.00152	-.00080

Sample Name: CCB01 Acquired: 10/12/2018 11:51:08 Type: Unk
 Method: P4-ICP2(v2493) 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	-0.00598	-0.0010	.00010	F 1.8751	F .31536
Stddev	.00133	.0009	.00010	.1930	.22993
%RSD	22.310	92.32	98.994	10.295	72.911

#1	-0.00504	-0.0003	.00003	1.7386	.15277
#2	-0.00692	-0.0016	.00017	2.0116	.47794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.0	49938.	4824.8	109.15	3996.8
Stddev	10.1	388.	30.5	.74	13.8
%RSD	.27141	.77663	.63246	.67485	.34501

#1	3709.9	50212.	4846.4	108.63	3987.1
#2	3724.2	49664.	4803.3	109.67	4006.6

Sample Name: LR CHECK1 Acquired: 10/12/2018 11:55:14 Type: Unk
Method: P4-ICP2(v2493) 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	.02461	-.04820	-.01700	-.20565	.05484	1954.0	.00584	.01709
Stddev	.00480	.00317	.00433	.00306	.00343	18.9	.00001	.00028
%RSD	19.487	6.5751	25.499	1.4891	6.2600	.96863	.21464	1.6623
#1	.02800	-.05045	-.02007	-.20782	.05241	1967.4	.00585	.01689
#2	.02122	-.04596	-.01393	-.20349	.05727	1940.6	.00583	.01729
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01328	1777.5	.07628	-.00104	.13640	F 935.64	.01525	F 1867.2
Stddev	.00137	16.4	.00098	.00057	.00184	13.39	.00012	6.0
%RSD	10.328	.92316	1.2871	54.911	1.3501	1.4312	.80005	.32340
#1	.01231	1789.1	.07559	-.00064	.13509	945.11	.01534	1871.4
#2	.01425	1765.8	.07698	-.00145	.13770	926.18	.01516	1862.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04702	-.06761	1659.1	.01605	.03567	F 1017.2	.01319	-.40287
Stddev	.00156	.00016	.4	.00128	.00048	2.9	.00133	.00320
%RSD	3.3274	.23787	.02378	7.9751	1.3500	.28843	10.069	.79386
#1	.04813	-.06749	1658.8	.01695	.03601	1019.3	.01226	-.40061
#2	.04592	-.06772	1659.4	.01514	.03533	1015.1	.01413	-.40513
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28516	-.01594	.04555	-.05031	.04561	.1321	.01919	<.00000
Stddev	.02287	.00122	.00064	.00247	.00024	.0013	.00007	.18780
%RSD	8.0188	7.6847	1.4043	4.9101	.52918	.9484	.37481	.13390
#1	.30133	-.01507	.04510	-.04856	.04578	.1312	.01914	-140.38
#2	.26899	-.01680	.04600	-.05205	.04544	.1330	.01924	-140.12

Sample Name: LR CHECK1 Acquired: 10/12/2018 11:55:14 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ^ *****
Stddev ----
%RSD ----

#1 ^ ----
#2 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2515.4	33885.	4086.5	76.137	2039.4
Stddev	.9	191.	3.6	1.006	5.3
%RSD	.03674	.56428	.08702	1.3217	.25888
#1	2514.8	33749.	4084.0	75.425	2035.6
#2	2516.1	34020.	4089.0	76.848	2043.1

Sample Name: J5375-04DLX2 Acquired: 10/12/2018 12:19:24 Type: Unk
Method: P4-ICP2(v2493) 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	.04421	-.00671	.00589	-.02835	-.00204	-.42793	.17120	.00024
Stddev	.00712	.00152	.00013	.00612	.00188	.02551	.00273	.00005
%RSD	16.114	22.707	2.2095	21.595	92.075	5.9619	1.5947	23.306
#1	.03917	-.00779	.00579	-.03268	-.00071	-.40989	.16927	.00027
#2	.04924	-.00564	.00598	-.02402	-.00337	-.44597	.17313	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	1100.5	-.00859	.00566	-.04869	116.07	6.6735	121.46
Stddev	.00006	14.7	.00042	.00047	.00114	1.97	.0328	.53
%RSD	2.7955	1.3384	4.8533	8.3257	2.3312	1.6959	.49170	.43776
#1	-.00205	1090.1	-.00830	.00532	-.04789	114.67	6.6503	121.08
#2	-.00214	1110.9	-.00889	.00599	-.04949	117.46	6.6967	121.83
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00826	-.00644	336.11	.00503	.16085	63.671	.00159	.82197
Stddev	.00046	.00081	2.75	.00034	.00157	.805	.00015	.00829
%RSD	5.5212	12.571	.81941	6.7530	.97361	1.2644	9.5599	1.0080
#1	-.00794	-.00701	334.16	.00527	.15974	63.102	.00170	.82782
#2	-.00859	-.00587	338.06	.00479	.16195	64.240	.00149	.81611
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 675.38	F 57.972	-.25327	-.03103	.17198	1.821	7.4998	2.4237
Stddev	1.27	.030	.00069	.00051	.00200	.005	.0106	.1164
%RSD	.18734	.05222	.27075	1.6524	1.1656	.2658	.14069	4.8036
#1	674.48	57.951	-.25278	-.03067	.17056	1.818	7.5073	2.5061
#2	676.27	57.993	-.25375	-.03140	.17340	1.824	7.4924	2.3414

Sample Name: J5375-04DLX2 Acquired: 10/12/2018 12:19:24 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.284
Stddev	.146
%RSD	.95792

#1	15.388
#2	15.181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.2	42366.	4507.8	94.594	3022.9
Stddev	7.7	259.	15.5	.904	7.6
%RSD	.24430	.61139	.34422	.95516	.25014

#1	3177.7	42183.	4518.8	95.233	3028.3
#2	3166.7	42549.	4496.8	93.956	3017.6

Sample Name: J5375-04DUPDLX2 Acquired: 10/12/2018 12:23:46 Type: Unk
Method: P4-ICP2(v2493) 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	.04387	-.00521	.00347	-.02743	.00053	-.40954	.16662	.00038
Stddev	.00085	.00040	.00022	.00262	.00083	.01553	.00200	.00013
%RSD	1.9303	7.6336	6.3232	9.5668	156.94	3.7932	1.1990	34.020

#1	.04447	-.00549	.00331	-.02929	-.00006	-.39856	.16521	.00047
#2	.04327	-.00493	.00362	-.02558	.00112	-.42052	.16803	.00029

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	1089.7	-.00944	.00615	-.04844	115.69	6.6939	118.70
Stddev	.00011	6.0	.00020	.00032	.00084	1.09	.0106	1.32
%RSD	4.4253	.54930	2.0857	5.1532	1.7256	.93990	.15833	1.1159

#1	-.00246	1085.5	-.00931	.00638	-.04903	116.46	6.7014	117.76
#2	-.00231	1093.9	-.00958	.00593	-.04785	114.93	6.6864	119.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00793	-.00600	329.12	.00440	.16087	62.554	.00150	.81344
Stddev	.00003	.00018	.50	.00076	.00307	.181	.00012	.00731
%RSD	.33341	3.0471	.15133	17.236	1.9072	.28938	8.3097	.89881

#1	-.00791	-.00587	328.76	.00493	.16304	62.426	.00159	.80827
#2	-.00794	-.00613	329.47	.00386	.15870	62.682	.00141	.81861

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 673.50	F 57.068	-.25479	-.02871	.16826	1.805	7.3764	3.6381
Stddev	2.48	.379	.00085	.00270	.00228	.001	.0050	.2265
%RSD	.36882	.66460	.33228	9.4121	1.3557	.0752	.06782	6.2264

#1	671.74	57.336	-.25419	-.02680	.16665	1.806	7.3728	3.4780
#2	675.25	56.800	-.25539	-.03062	.16987	1.804	7.3799	3.7983

Sample Name: J5375-04DUPDLX2 Acquired: 10/12/2018 12:23:46 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.771
 Stddev .042
 %RSD .26698

#1 15.801
 #2 15.741

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.0	41817.	4502.9	92.871	2979.3
Stddev	.5	68.	25.4	2.004	3.1
%RSD	.01532	.16219	.56396	2.1577	.10385

#1	3133.4	41769.	4484.9	91.454	2981.5
#2	3132.7	41865.	4520.8	94.288	2977.1

Sample Name: J5375-04LDLX10 Acquired: 10/12/2018 12:28:22 Type: Unk
Method: P4-ICP2(v2493) 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	.01048	-.00221	.02463	-.00457	-.00531	-.02150	.03217	-.00001
Stddev	.00220	.00081	.00006	.00057	.00012	.00369	.00080	.00001
%RSD	20.970	36.367	.22883	12.557	2.3199	17.173	2.5000	86.606

#1	.00893	-.00164	.02467	-.00497	-.00522	-.01889	.03160	-.00002
#2	.01204	-.00278	.02459	-.00416	-.00540	-.02411	.03273	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	218.80	-.00227	.00129	-.00956	23.210	1.3776	24.259
Stddev	.00006	.52	.00005	.00013	.00052	.304	.0001	.130
%RSD	7.8318	.23830	2.2023	9.9004	5.4024	1.3117	.00661	.53396

#1	-.00076	218.44	-.00224	.00120	-.00920	22.994	1.3776	24.350
#2	-.00085	219.17	-.00231	.00138	-.00993	23.425	1.3775	24.167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	-.00089	66.544	.00068	.03262	12.292	-.00013	.16499
Stddev	.00043	.00079	.023	.00028	.00015	.029	.00033	.00958
%RSD	28.177	88.617	.03485	40.488	.45560	.23877	259.43	5.8085

#1	-.00185	-.00033	66.528	.00049	.03252	12.271	.00011	.15821
#2	-.00124	-.00145	66.560	.00088	.03273	12.313	-.00036	.17176

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 133.68	F 11.688	-.05334	-.00520	.02837	.3364	1.4894	4.4452
Stddev	.52	.065	.00014	.00027	.00179	.0014	.0027	.0809
%RSD	.38565	.55734	.25735	5.2681	6.2945	.4109	.18419	1.8193

#1	133.31	11.734	-.05344	-.00540	.02711	.3354	1.4913	4.3880
#2	134.04	11.642	-.05324	-.00501	.02964	.3373	1.4874	4.5024

Sample Name: J5375-04LDLX10 Acquired: 10/12/2018 12:28:22 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.2004
Stddev	.2836
%RSD	3.4586

#1	7.9998
#2	8.4009

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.8	48615.	4942.2	107.38	3621.4
Stddev	29.3	283.	27.6	.72	16.9
%RSD	.81481	.58268	.55907	.66781	.46776

#1	3613.5	48414.	4922.7	107.89	3633.4
#2	3572.1	48815.	4961.7	106.88	3609.4

Sample Name: J5375-04MDDLX2 Acquired: 10/12/2018 12:32:23 Type: Unk
Method: P4-ICP2(v2493) 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	.45436	.88227	.45934	1.0166	.40462	.67548	.26548	.09975
Stddev	.00002	.00062	.00114	.0024	.00223	.02421	.00283	.00139
%RSD	.00340	.07065	.24737	.23733	.55002	3.5840	1.0657	1.3963

#1	.45437	.88271	.45854	1.0149	.40305	.69260	.26348	.09877
#2	.45435	.88183	.46015	1.0183	.40619	.65836	.26748	.10074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09052	1073.8	.17289	.10004	.09665	115.32	6.6283	119.02
Stddev	.00028	5.2	.00192	.00058	.00152	1.61	.0668	.87
%RSD	.30835	.48678	1.1105	.57752	1.5676	1.3953	1.0079	.72696

#1	.09071	1070.1	.17153	.09964	.09772	114.18	6.5811	118.40
#2	.09032	1077.5	.17425	.10045	.09558	116.46	6.6755	119.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22502	.02932	328.54	.14866	.24717	67.731	.19412	.93677
Stddev	.00049	.00066	1.59	.00179	.00130	.346	.00074	.00958
%RSD	.21947	2.2520	.48426	1.2019	.52747	.51056	.38249	1.0227

#1	.22467	.02885	327.41	.14740	.24625	67.487	.19465	.94355
#2	.22537	.02978	329.66	.14993	.24809	67.976	.19360	.93000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 679.08	F 56.513	.07260	.06337	.28011	4.989	7.5848	2.5624
Stddev	2.03	.134	.00048	.00152	.00318	.005	.0244	.6301
%RSD	.29932	.23663	.66696	2.3989	1.1362	.1103	.32121	24.590

#1	677.64	56.419	.07225	.06445	.27786	4.985	7.5676	2.1168
#2	680.52	56.608	.07294	.06230	.28236	4.993	7.6020	3.0079

Sample Name: J5375-04MDDLX2 Acquired: 10/12/2018 12:32:23 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.645
Stddev	.037
%RSD	.26957

#1	13.619
#2	13.671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.2	43206.	4675.8	97.536	3012.3
Stddev	8.5	255.	1.9	1.079	12.2
%RSD	.26655	.59030	.03989	1.1065	.40572

#1	3178.2	43386.	4677.1	98.299	3021.0
#2	3166.2	43025.	4674.5	96.773	3003.7

Sample Name: J5375-04MSDDLX2 Acquired: 10/12/2018 12:36:30 Type: Unk
Method: P4-ICP2(v2493) 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	.44959	.86843	.45081	.99884	.39951	.68374	.26251	.09975
Stddev	.00140	.00434	.00003	.00653	.00276	.02255	.00087	.00022
%RSD	.31060	.49929	.00672	.65425	.69184	3.2984	.33027	.22554

#1	.44860	.87150	.45079	1.0035	.40146	.66780	.26313	.09959
#2	.45058	.86536	.45083	.99422	.39755	.69969	.26190	.09991

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08983	1064.1	.17230	.09910	.09592	114.07	6.6864	117.98
Stddev	.00014	2.4	.00110	.00015	.00044	1.48	.0090	.42
%RSD	.15580	.22621	.63986	.15059	.45784	1.2998	.13464	.35723

#1	.08993	1065.8	.17308	.09900	.09561	115.12	6.6800	117.69
#2	.08973	1062.4	.17152	.09921	.09623	113.02	6.6928	118.28

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22296	.02970	329.00	.14775	.24473	67.019	.19217	.93915
Stddev	.00131	.00008	6.40	.00115	.00463	.176	.00052	.00356
%RSD	.58955	.26520	1.9448	.77566	1.8920	.26201	.27105	.37926

#1	.22389	.02976	333.53	.14856	.24800	66.894	.19253	.94167
#2	.22203	.02965	324.48	.14694	.24146	67.143	.19180	.93664

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 673.24	F 56.132	.06991	.06359	.27997	4.928	7.4539	2.9967
Stddev	3.42	.138	.00160	.00147	.00224	.022	.0434	.4075
%RSD	.50790	.24541	2.2882	2.3172	.79935	.4401	.58239	13.597

#1	675.66	56.230	.07104	.06255	.27838	4.943	7.4232	3.2848
#2	670.82	56.035	.06878	.06464	.28155	4.913	7.4846	2.7085

Sample Name: J5375-04MSDDLX2 Acquired: 10/12/2018 12:36:30 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.119
 Stddev .054
 %RSD .37926

#1 14.157
 #2 14.081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.7	43026.	4675.5	97.594	3030.2
Stddev	16.0	6.	33.4	1.890	18.5
%RSD	.50160	.01335	.71334	1.9370	.61176

#1	3177.4	43030.	4652.0	96.257	3017.1
#2	3200.0	43022.	4699.1	98.930	3043.3

Sample Name: J5375-04ADLX2 Acquired: 10/12/2018 12:40:30 Type: Unk
Method: P4-ICP2(v2493) 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	.44185	.86674	.44850	.99001	.39717	.68372	.25767	.09845
Stddev	.00386	.00461	.00098	.00173	.00126	.05733	.00569	.00004
%RSD	.87398	.53136	.21928	.17444	.31763	8.3854	2.2083	.04307
#1	.43912	.86348	.44780	.99123	.39806	.72426	.25365	.09848
#2	.44458	.87000	.44920	.98878	.39628	.64318	.26170	.09842
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08938	1033.9	.17288	.09874	.09368	110.47	6.5982	115.51
Stddev	.00025	30.2	.00060	.00016	.00050	1.47	.0013	2.26
%RSD	.27605	2.9171	.34740	.16467	.53537	1.3285	.01984	1.9564
#1	.08956	1012.6	.17246	.09885	.09404	109.43	6.5991	113.92
#2	.08921	1055.2	.17331	.09862	.09333	111.51	6.5972	117.11
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22124	.02859	322.49	.14694	.23668	65.319	.19100	.91828
Stddev	.00003	.00017	11.58	.00050	.00387	1.949	.00017	.00388
%RSD	.01533	.58836	3.5914	.33967	1.6345	2.9832	.09062	.42285
#1	.22121	.02847	314.30	.14659	.23395	63.941	.19088	.91554
#2	.22126	.02871	330.68	.14730	.23942	66.697	.19113	.92103
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 665.66	F 54.536	.07157	.05863	.27351	4.895	7.3149	.57068
Stddev	2.86	1.692	.00419	.00105	.00829	.013	.1475	.19221
%RSD	.42961	3.1033	5.8571	1.7847	3.0300	.2723	2.0158	33.681
#1	667.68	53.339	.06861	.05789	.26765	4.904	7.2106	.43477
#2	663.64	55.733	.07454	.05937	.27937	4.885	7.4191	.70660

Sample Name: J5375-04ADLX2 Acquired: 10/12/2018 12:40:30 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 14.390
Stddev .117
%RSD .81378

#1 14.307
#2 14.473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.6	43005.	4719.7	99.570	3012.2
Stddev	2.2	41.	129.2	1.399	.5
%RSD	.06931	.09424	2.7368	1.4045	.01704

#1	3168.0	42976.	4811.0	100.56	3012.5
#2	3171.1	43033.	4628.4	98.581	3011.8

Sample Name: J5296-09 Acquired: 10/12/2018 12:44:31 Type: Unk
Method: P4-ICP2(v2493) 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	.00255	.00072	.00164	.00019	-.00342	-.00018	.01550	.00008
Stddev	.00672	.00151	.00123	.00031	.00170	.01636	.00046	.00004
%RSD	264.03	208.68	75.256	169.42	49.819	9087.2	2.9470	53.517
#1	-.00221	.00179	.00077	.00041	-.00221	.01139	.01517	.00005
#2	.00730	-.00034	.00251	-.00004	-.00462	-.01175	.01582	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	34.735	-.00012	-.00015	.00177	-.01087	.00403	41.121
Stddev	.00003	.004	.00026	.00003	.00008	.01094	.00009	.212
%RSD	21.115	.01240	216.41	16.339	4.7283	100.61	2.1672	.51469
#1	-.00013	34.732	-.00030	-.00014	.00171	-.01860	.00409	40.971
#2	-.00017	34.738	.00006	-.00017	.00183	-.00314	.00397	41.270
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00042	318.78	.00082	.00016	13.342	.00056	.14390
Stddev	.00039	.00014	.56	.00035	.00001	.024	.00027	.00976
%RSD	68.446	34.430	.17414	43.107	8.6241	.18192	47.455	6.7860
#1	-.00029	-.00052	318.39	.00057	.00016	13.325	.00037	.15080
#2	-.00084	-.00032	319.17	.00107	.00015	13.359	.00075	.13699
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.307	.87636	-.01312	.00031	-.00433	.0630	.31561	4.9361
Stddev	.860	.00163	.00041	.00100	.00046	.0010	.00077	.5654
%RSD	2.9345	.18570	3.1483	326.20	10.732	1.530	.24453	11.454
#1	28.699	.87751	-.01342	.00102	-.00466	.0623	.31507	4.5363
#2	29.915	.87521	-.01283	-.00040	-.00400	.0637	.31616	5.3359

Sample Name: J5296-09 Acquired: 10/12/2018 12:44:31 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2579
Stddev	.4112
%RSD	12.620

#1	3.5486
#2	2.9671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.5	48658.	5035.8	112.49	3647.3
Stddev	79.6	480.	25.7	.46	107.2
%RSD	2.2000	.98683	.50987	.41319	2.9386

#1	3675.8	48318.	5054.0	112.82	3723.1
#2	3563.2	48997.	5017.6	112.16	3571.5

Sample Name: J5296-16 Acquired: 10/12/2018 12:48:36 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00467	.00120	.00058	-.00379	-.00355	-.00305	.01317	.00010
Stddev	.00088	.00035	.00021	.00129	.00027	.01799	.00043	.00000
%RSD	18.749	28.928	35.189	34.123	7.5655	590.12	3.2675	1.6607
#1	.00405	.00144	.00073	-.00287	-.00336	.00967	.01347	.00010
#2	.00529	.00095	.00044	-.00470	-.00374	-.01577	.01286	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	27.229	-.00037	-.00021	.00213	.00020	.00200	15.671
Stddev	.00002	.416	.00001	.00006	.00079	.00915	.00003	.232
%RSD	17.755	1.5278	1.5794	26.771	36.905	4680.9	1.6768	1.4831
#1	-.00011	27.523	-.00037	-.00017	.00269	-.00627	.00202	15.836
#2	-.00014	26.935	-.00038	-.00025	.00158	.00666	.00197	15.507
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00078	109.53	.00041	.00307	5.0486	.00032	.05303
Stddev	.00034	.00051	1.73	.00017	.00011	.0405	.00010	.00388
%RSD	2228.4	65.944	1.5819	42.560	3.4227	.80276	30.082	7.3164
#1	-.00026	-.00114	110.75	.00029	.00314	5.0773	.00026	.05578
#2	.00022	-.00042	108.30	.00053	.00299	5.0200	.00039	.05029
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.817	.80662	-.00677	-.00074	-.00743	.0473	.17097	3.4823
Stddev	.409	.00759	.00033	.00055	.00014	.0012	.00419	.0272
%RSD	3.7848	.94085	4.8534	73.623	1.9207	2.623	2.4532	.78171
#1	11.107	.81198	-.00653	-.00036	-.00753	.0481	.17393	3.5016
#2	10.528	.80125	-.00700	-.00113	-.00733	.0464	.16800	3.4631

Sample Name: J5296-16 Acquired: 10/12/2018 12:48:36 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8704
Stddev .0105
%RSD .56133

#1 1.8778
#2 1.8629

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3713.5	51635.	5041.1	112.93	3845.8
Stddev	105.0	507.	45.8	.55	111.1
%RSD	2.8269	.98120	.90951	.48359	2.8891

#1	3639.3	51276.	5008.6	113.32	3767.2
#2	3787.8	51993.	5073.5	112.55	3924.3

Sample Name: J5299-09 Acquired: 10/12/2018 12:52:38 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00033	.00022	-.00230	-.00313	-.00898	.01731	.00009
Stddev	.00034	.00111	.00027	.00098	.00009	.01761	.00184	.00006
%RSD	19.087	337.78	121.17	42.363	2.9972	196.15	10.642	71.990

#1	.00155	-.00111	.00003	-.00161	-.00320	.00347	.01600	.00004
#2	.00203	.00046	.00041	-.00299	-.00307	-.02143	.01861	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	39.531	-.00056	-.00020	.00215	-.01644	.00303	52.541
Stddev	.00006	1.986	.00015	.00004	.00086	.00392	.00007	2.348
%RSD	46.572	5.0253	26.540	21.922	39.894	23.824	2.1871	4.4697

#1	-.00009	38.126	-.00046	-.00017	.00155	-.01921	.00299	50.881
#2	-.00017	40.936	-.00067	-.00024	.00276	-.01367	.00308	54.202

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00100	411.53	.00088	.00039	17.215	.00065	.18426
Stddev	.00006	.00017	17.07	.00014	.00008	.704	.00035	.00638
%RSD	9.0228	16.878	4.1487	15.648	19.411	4.0906	54.145	3.4602

#1	-.00063	-.00088	399.46	.00078	.00034	16.718	.00040	.17975
#2	-.00071	-.00112	423.61	.00098	.00044	17.713	.00090	.18877

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.115	.93372	-.01614	-.00079	-.00047	.0661	.38127	4.9588
Stddev	.137	.04123	.00090	.00104	.00034	.0022	.01744	.4235
%RSD	.36871	4.4154	5.5661	130.98	71.649	3.265	4.5754	8.5412

#1	37.212	.90457	-.01551	-.00153	-.00071	.0676	.36893	4.6593
#2	37.019	.96288	-.01678	-.00006	-.00023	.0646	.39360	5.2583

Sample Name: J5299-09 Acquired: 10/12/2018 12:52:38 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6677
Stddev .3205
%RSD 8.7381

#1 3.4411
#2 3.8943

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.6	47100.	4847.6	107.18	3592.7
Stddev	1.8	1162.	191.2	3.24	11.5
%RSD	.05090	2.4677	3.9437	3.0210	.31996

#1	3576.3	47922.	4982.8	109.47	3584.6
#2	3578.8	46278.	4712.4	104.89	3600.8

Sample Name: CCV02 Acquired: 10/12/2018 12:56:45 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9446	4.8919	4.9337	4.9642	4.9895	10.056	9.9392	.24520
Stddev	.0515	.0347	.0319	.0363	.0435	.056	.0301	.00041
%RSD	1.0421	.70990	.64681	.73126	.87205	.55714	.30300	.16561
#1	4.9811	4.9165	4.9563	4.9899	5.0203	10.096	9.9179	.24492
#2	4.9082	4.8674	4.9111	4.9385	4.9588	10.016	9.9605	.24549
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4484	25.591	.96886	2.4351	1.2442	4.7779	2.4936	24.200
Stddev	.0168	.021	.00100	.0163	.0090	.0632	.0066	.070
%RSD	.68480	.08057	.10340	.67052	.72340	1.3236	.26624	.28800
#1	2.4603	25.605	.96815	2.4466	1.2505	4.8226	2.4889	24.250
#2	2.4366	25.576	.96957	2.4235	1.2378	4.7331	2.4983	24.151
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4281	1.2032	24.060	2.4577	2.4593	24.929	4.9945	4.9528
Stddev	.0173	.0025	.112	.0054	.0203	.108	.0335	.0287
%RSD	.71145	.20562	.46482	.21890	.82330	.43286	.67076	.58009
#1	2.4403	1.2014	23.981	2.4539	2.4736	24.853	5.0182	4.9731
#2	2.4158	1.2049	24.139	2.4615	2.4449	25.006	4.9709	4.9324
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9687	5.0683	4.8708	4.9009	5.3300	4.933	4.9410	F 3.5605
Stddev	.0411	.0262	.0210	.0159	.0140	.035	.0203	.1809
%RSD	.82786	.51781	.43175	.32534	.26281	.7201	.41101	5.0794
#1	4.9978	5.0498	4.8857	4.9122	5.3201	4.958	4.9266	3.6884
#2	4.9397	5.0869	4.8560	4.8896	5.3399	4.908	4.9553	3.4326

Sample Name: CCV02 Acquired: 10/12/2018 12:56:45 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1627
Stddev .2289
%RSD 7.2360

#1 3.3245
#2 3.0008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3603.7	48438.	4823.1	104.15	3606.5
Stddev	24.3	121.	10.6	.78	21.0
%RSD	.67430	.24982	.21904	.74521	.58263

#1	3586.5	48524.	4830.5	103.60	3591.6
#2	3620.9	48353.	4815.6	104.70	3621.3

Sample Name: CCB02 Acquired: 10/12/2018 13:00:29 Type: Unk
Method: P4-ICP2(v2493) 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	-.00278	.00177	.00400	-.00109	-.00322	.00156	-.00096	.00003
Stddev	.00019	.00056	.00027	.00075	.00057	.00428	.00044	.00003
%RSD	6.9033	31.667	6.6841	69.084	17.802	275.11	46.184	79.658

#1	-.00264	.00217	.00381	-.00056	-.00362	.00458	-.00127	.00001
#2	-.00292	.00137	.00418	-.00162	-.00281	-.00147	-.00065	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01542	-.00026	.00017	.00054	-.00831	.00010	.03165
Stddev	.00001	.03259	.00034	.00003	.00059	.00219	.00003	.00384
%RSD	101.25	211.42	130.11	16.725	108.00	26.326	34.405	12.118

#1	.00001	-.03846	-.00002	.00015	.00096	-.00985	.00007	.02894
#2	.00000	.00763	-.00050	.00019	.00013	-.00676	.00012	.03436

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00043	-.06372	-.00038	.00066	.01510	.00016	.00267
Stddev	.00057	.00029	.01124	.00042	.00001	.01188	.00022	.00779
%RSD	73.801	65.868	17.634	109.96	2.1146	78.678	139.50	292.12

#1	.00037	-.00023	-.07167	-.00067	.00067	.00670	.00000	.00817
#2	.00118	-.00064	-.05578	-.00008	.00065	.02349	.00031	-.00284

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03242	-.00438	-.00205	.00061	-.00511	-.0002	.00017	F 1.0403
Stddev	.00104	.00209	.00057	.00085	.00014	.0001	.00007	.2830
%RSD	3.2170	47.656	27.758	140.32	2.7965	27.20	40.801	27.201

#1	.03316	-.00290	-.00165	.00000	-.00522	-.0002	.00022	1.2404
#2	.03168	-.00585	-.00245	.00121	-.00501	-.0002	.00012	.84023

Sample Name: CCB02 Acquired: 10/12/2018 13:00:29 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .52797
Stddev .09286
%RSD 17.588

#1 .59363
#2 .46230

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3806.1	51907.	5024.8	112.50	4097.0
Stddev	48.5	44.	57.9	3.43	50.1
%RSD	1.2748	.08538	1.1524	3.0484	1.2231

#1	3771.7	51876.	4983.8	114.93	4061.6
#2	3840.4	51939.	5065.7	110.08	4132.5

Sample Name: LR CHECK2 Acquired: 10/12/2018 13:04:34 Type: Unk
Method: P4-ICP2(v2493) 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	.00379	-.00863	240.63	.01815	-.03166	-.29407	94.188	-.00062
Stddev	.00231	.00133	.27	.00166	.00078	.00078	.419	.00010
%RSD	61.044	15.372	.11262	9.1506	2.4615	.26670	.44446	15.929

#1	.00215	-.00956	240.83	.01933	-.03111	-.29351	94.484	-.00055
#2	.00542	-.00769	240.44	.01698	-.03221	-.29462	93.892	-.00069

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00660	.26632	-.09096	-.00473	234.78	-.68681	41.250	-.09671
Stddev	.00028	.00628	.00073	.00014	1.03	.00352	.109	.00149
%RSD	4.2764	2.3570	.80574	3.0310	.43811	.51310	.26541	1.5450

#1	-.00640	.26188	-.09148	-.00483	234.06	-.68432	41.328	-.09566
#2	-.00679	.27076	-.09044	-.00463	235.51	-.68930	41.173	-.09777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.411	.00793	.14803	-.00934	33.033	.23496	.00076	-.00442
Stddev	.193	.00029	.00529	.00028	.252	.03531	.00032	.01126
%RSD	.41580	3.7023	3.5746	2.9912	.76259	15.027	42.619	254.77

#1	46.274	.00772	.15177	-.00914	32.855	.20999	.00053	.00354
#2	46.547	.00814	.14429	-.00953	33.211	.25992	.00098	-.01239

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07440	.00557	.00063	.02245	-.00783	.0649	.00385	2.1801
Stddev	.00171	.00018	.00021	.00099	.00054	.0051	.00020	.0992
%RSD	2.3023	3.1857	33.283	4.3906	6.8673	7.816	5.1169	4.5482

#1	.07319	.00569	.00078	.02175	-.00745	.0685	.00371	2.1099
#2	.07561	.00544	.00048	.02314	-.00821	.0613	.00398	2.2502

Sample Name: LR CHECK2 Acquired: 10/12/2018 13:04:34 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .83771
 Stddev .30112
 %RSD 35.946

#1 1.0506
 #2 .62479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.0	50887.	4999.2	106.90	3790.5
Stddev	10.0	5.	9.1	.05	15.5
%RSD	.28020	.00936	.18233	.04410	.40866

#1	3584.1	50884.	5005.7	106.93	3801.4
#2	3569.9	50890.	4992.8	106.87	3779.5

Sample Name: J5301-01 Acquired: 10/12/2018 13:21:48 Type: Unk
Method: P4-ICP2(v2493) 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	-.00209	.00032	.00834	-.00266	-.00110	.12010	.00025	.00002
Stddev	.00062	.00020	.00005	.00058	.00116	.00518	.00004	.00004
%RSD	29.742	60.769	.54037	21.740	105.30	4.3148	14.595	239.21

#1	-.00165	.00046	.00837	-.00307	-.00193	.12376	.00023	-.00001
#2	-.00253	.00018	.00831	-.00225	-.00028	.11644	.00028	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.17893	.00371	.00019	.05181	.16750	.00924	-.00553
Stddev	.00001	.01548	.00027	.00017	.00024	.00534	.00000	.01593
%RSD	11.873	8.6492	7.3542	87.364	.46182	3.1897	.05073	287.84

#1	-.00004	.18987	.00352	.00007	.05164	.16372	.00924	.00573
#2	-.00005	.16799	.00390	.00031	.05197	.17128	.00924	-.01680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00395	-.00024	-.07668	-.00049	.10565	.01152	.00004	.00481
Stddev	.00014	.00040	.00037	.00002	.00106	.00933	.00001	.00199
%RSD	3.6591	167.07	.48500	4.1519	1.0049	81.028	20.041	41.398

#1	.00405	.00004	-.07642	-.00047	.10490	.01812	.00005	.00622
#2	.00385	-.00052	-.07695	-.00050	.10640	.00492	.00004	.00340

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01874	.00560	-.00341	-.00198	-.01207	.0024	.00057	<.00000
Stddev	.00114	.00058	.00089	.00126	.00033	.0029	.00003	.26270
%RSD	6.0679	10.299	26.176	63.944	2.7569	119.1	4.6916	70.018

#1	-.01794	.00519	-.00278	-.00287	-.01184	.0004	.00055	-.18943
#2	-.01955	.00600	-.00404	-.00108	-.01231	.0044	.00059	-.56095

Sample Name: J5301-01 Acquired: 10/12/2018 13:21:48 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .24238
Stddev .11937
%RSD 49.249

#1 .15798
#2 .32679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.6	53487.	5134.6	113.85	4215.0
Stddev	.3	146.	54.1	1.18	3.7
%RSD	.00712	.27303	1.0534	1.0404	.08870

#1	3912.8	53591.	5172.9	114.68	4212.3
#2	3912.4	53384.	5096.4	113.01	4217.6

Sample Name: J5301-01DUP Acquired: 10/12/2018 13:25:51 Type: Unk
Method: P4-ICP2(v2493) 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	-.00183	.00048	.00835	-.00355	-.00218	.12093	.00068	.00001
Stddev	.00070	.00018	.00054	.00244	.00027	.00320	.00025	.00006
%RSD	37.950	37.769	6.5226	68.825	12.504	2.6500	36.819	1129.0

#1	-.00233	.00060	.00796	-.00182	-.00238	.11866	.00050	.00005
#2	-.00134	.00035	.00873	-.00527	-.00199	.12319	.00086	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.17700	.00359	.00014	.05071	.18196	.00925	-.00196
Stddev	.00001	.01127	.00007	.00002	.00030	.01039	.00006	.01822
%RSD	45.681	6.3648	1.9719	14.275	.59824	5.7112	.66470	928.96

#1	-.00003	.16904	.00354	.00013	.05092	.18931	.00930	-.01485
#2	-.00001	.18497	.00364	.00016	.05049	.17461	.00921	.01092

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00392	-.00051	-.07117	-.00031	.10481	.02678	-.00035	.00212
Stddev	.00016	.00080	.01313	.00006	.00235	.00625	.00029	.00535
%RSD	4.0060	156.70	18.445	20.647	2.2397	23.332	81.899	252.51

#1	.00381	-.00107	-.06189	-.00026	.10647	.02237	-.00055	.00590
#2	.00403	.00006	-.08045	-.00035	.10315	.03120	-.00015	-.00166

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01927	.00475	-.00349	-.00121	-.01190	.0018	.00059	.03631
Stddev	.00114	.00067	.00001	.00000	.00092	.0016	.00005	.25802
%RSD	5.9049	14.148	.33107	.11311	7.7506	88.04	7.7304	710.60

#1	-.02007	.00427	-.00348	-.00121	-.01255	.0007	.00056	.21876
#2	-.01846	.00522	-.00350	-.00121	-.01125	.0029	.00063	-.14614

Sample Name: J5301-01DUP Acquired: 10/12/2018 13:25:51 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.51762
Stddev	.43134
%RSD	83.332

#1	.21261
#2	.82262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3918.3	53406.	5057.5	114.53	4232.4
Stddev	4.7	47.	24.8	2.35	.6
%RSD	.12006	.08787	.49043	2.0529	.01405

#1	3921.6	53373.	5040.0	112.87	4232.9
#2	3915.0	53440.	5075.0	116.19	4232.0

Sample Name: J5301-01LX5 Acquired: 10/12/2018 13:29:56 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	.00026	.02911	-.00251	-.00162	.02804	.00394	-.00000
Stddev	.00211	.00139	.00177	.00108	.00186	.00630	.00113	.00002
%RSD	478.91	525.97	6.0627	43.121	114.93	22.454	28.738	901.34

#1	-.00193	.00125	.03036	-.00175	-.00030	.02359	.00474	-.00002
#2	.00105	-.00072	.02787	-.00328	-.00293	.03249	.00314	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.07392	.00291	.00021	.04231	.04644	.00236	.06155
Stddev	.00006	.00091	.00075	.00004	.00037	.00609	.00007	.07501
%RSD	105.76	1.2337	25.652	17.101	.87695	13.116	3.1421	121.87

#1	-.00009	.07456	.00344	.00019	.04258	.05075	.00241	.00851
#2	-.00001	.07327	.00238	.00024	.04205	.04214	.00231	.11459

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00265	-.00077	-.08909	-.00061	.07811	.02734	.00024	-.00964
Stddev	.00003	.00009	.00412	.00010	.00078	.01987	.00041	.01181
%RSD	1.0593	11.663	4.6263	17.062	.99271	72.668	166.84	122.53

#1	.00263	-.00071	-.09201	-.00054	.07756	.04139	-.00004	-.01799
#2	.00267	-.00084	-.08618	-.00068	.07865	.01329	.00053	-.00129

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00385	.00023	-.00285	.00135	-.00786	.0004	.00018	1.4834
Stddev	.00063	.00031	.00010	.00039	.00049	.0004	.00005	.1167
%RSD	16.324	136.83	3.4943	29.034	6.1728	95.63	25.396	7.8670

#1	-.00341	.00001	-.00292	.00108	-.00821	.0007	.00021	1.5659
#2	-.00430	.00044	-.00278	.00163	-.00752	.0001	.00015	1.4008

Sample Name: J5301-01LX5 Acquired: 10/12/2018 13:29:56 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .41099
 Stddev .28054
 %RSD 68.260

#1 .21261
 #2 .60936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3860.7	51909.	4946.5	111.88	4159.1
Stddev	5.9	15.	3.4	.93	7.8
%RSD	.15323	.02824	.06810	.82690	.18774

#1	3856.5	51899.	4948.9	112.53	4153.6
#2	3864.9	51920.	4944.1	111.23	4164.6

Sample Name: J5301-01MS Acquired: 10/12/2018 13:34:00 Type: Unk
Method: P4-ICP2(v2493) 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	.83196	2.0979	1.0456	2.1162	.84548	2.2694	.22368	.21177
Stddev	.00018	.0107	.0037	.0125	.00424	.0205	.00061	.00025
%RSD	.02216	.51087	.35747	.59054	.50144	.90164	.27375	.11697

#1	.83209	2.0904	1.0430	2.1073	.84248	2.2549	.22325	.21194
#2	.83183	2.1055	1.0483	2.1250	.84847	2.2838	.22412	.21159

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20412	1.3387	.43166	.20911	.39466	3.3095	.23319	2.2427
Stddev	.00067	.0044	.00177	.00108	.00145	.0266	.00054	.0120
%RSD	.32700	.32769	.40961	.51794	.36847	.80272	.23236	.53297

#1	.20365	1.3356	.43041	.20834	.39363	3.3283	.23281	2.2342
#2	.20459	1.3418	.43291	.20987	.39569	3.2908	.23357	2.2511

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52696	.07572	3.2553	.32123	.32022	11.154	.43218	.32260
Stddev	.00301	.00051	.0050	.00097	.00480	.022	.00257	.01912
%RSD	.57119	.67424	.15392	.30145	1.4977	.19608	.59547	5.9261

#1	.52484	.07536	3.2589	.32054	.32361	11.139	.43036	.33612
#2	.52909	.07608	3.2518	.32191	.31683	11.170	.43400	.30908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02134	1.0024	.70897	.21569	.22918	5.714	.21640	.35619
Stddev	.00362	.0054	.00397	.00119	.00073	.037	.00001	1.1705
%RSD	16.958	.54198	.55955	.55258	.31697	.6504	.00329	328.63

#1	-.02390	1.0062	.70617	.21485	.22969	5.687	.21639	1.1839
#2	-.01878	.99851	.71178	.21653	.22866	5.740	.21640	-.47151

Sample Name: J5301-01MS Acquired: 10/12/2018 13:34:00 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .02212
%RSD 4.0495

#1 -.53058
#2 -.56186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.1	52318.	5020.4	112.65	4107.7
Stddev	5.3	35.	39.0	2.19	4.1
%RSD	.13673	.06761	.77779	1.9459	.10073

#1	3849.8	52343.	4992.8	111.10	4110.6
#2	3842.3	52293.	5048.0	114.20	4104.8

Sample Name: J5301-01MSD Acquired: 10/12/2018 13:37:51 Type: Unk
Method: P4-ICP2(v2493) 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	.82956	2.0839	1.0383	2.1068	.84267	2.2264	.22230	.21066
Stddev	.00299	.0029	.0008	.0061	.00055	.0350	.00117	.00010
%RSD	.36072	.13833	.07850	.28954	.06545	1.5732	.52729	.04844

#1	.83168	2.0819	1.0377	2.1025	.84228	2.2511	.22147	.21073
#2	.82745	2.0859	1.0388	2.1111	.84306	2.2016	.22313	.21059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20305	1.3071	.43129	.20749	.39116	3.2488	.23209	2.2416
Stddev	.00048	.0117	.00005	.00089	.00125	.0255	.00030	.0281
%RSD	.23532	.89448	.01093	.42737	.31976	.78544	.12968	1.2548

#1	.20271	1.2989	.43125	.20686	.39028	3.2668	.23230	2.2615
#2	.20338	1.3154	.43132	.20811	.39205	3.2307	.23187	2.2217

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52486	.07487	3.2375	.31981	.31269	11.000	.43076	.32065
Stddev	.00119	.00014	.0111	.00072	.00213	.052	.00075	.00385
%RSD	.22619	.19176	.34281	.22647	.68234	.47446	.17348	1.2001

#1	.52402	.07476	3.2297	.31930	.31420	10.964	.43023	.31793
#2	.52570	.07497	3.2454	.32033	.31118	11.037	.43129	.32337

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02649	1.0081	.70535	.21347	.22755	5.682	.21587	.28215
Stddev	.00078	.0078	.00033	.00326	.00008	.011	.00026	.15511
%RSD	2.9470	.77472	.04744	1.5274	.03376	.1873	.12269	54.973

#1	-.02704	1.0026	.70559	.21116	.22749	5.674	.21568	.17247
#2	-.02593	1.0136	.70512	.21577	.22760	5.689	.21606	.39183

Sample Name: J5301-01MSD Acquired: 10/12/2018 13:37:51 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .10910
 Stddev .52179
 %RSD 478.27

#1 .47806
 #2 -.25986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3850.8	52525.	5004.5	114.68	4111.9
Stddev	5.3	85.	30.1	.68	7.1
%RSD	.13861	.16136	.60198	.59602	.17313

#1	3854.6	52465.	5025.8	114.20	4116.9
#2	3847.0	52585.	4983.2	115.17	4106.9

Sample Name: J5301-01A Acquired: 10/12/2018 13:41:42 Type: Unk
Method: P4-ICP2(v2493) 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	.82561	2.0905	1.0421	2.1042	.84259	2.2339	.22122	.21010
Stddev	.00571	.0086	.0006	.0003	.00072	.0252	.00115	.00037
%RSD	.69217	.41079	.05810	.01436	.08524	1.1300	.51995	.17496
#1	.82157	2.0844	1.0417	2.1045	.84310	2.2518	.22203	.20984
#2	.82965	2.0966	1.0426	2.1040	.84208	2.2161	.22041	.21036
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20330	1.2898	.42919	.20832	.38979	3.2704	.23217	2.2323
Stddev	.00047	.0022	.00117	.00031	.00057	.0867	.00029	.0238
%RSD	.23275	.16984	.27296	.14914	.14724	2.6523	.12330	1.0664
#1	.20297	1.2913	.43002	.20854	.38938	3.2090	.23197	2.2155
#2	.20364	1.2882	.42836	.20810	.39019	3.3317	.23237	2.2491
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52423	.07525	3.2306	.31917	.31594	10.999	.43020	.32457
Stddev	.00202	.00031	.0041	.00083	.01120	.015	.00063	.00574
%RSD	.38509	.41319	.12827	.25994	3.5438	.13623	.14539	1.7696
#1	.52281	.07503	3.2335	.31859	.30802	10.988	.43064	.32051
#2	.52566	.07547	3.2277	.31976	.32386	11.009	.42976	.32863
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02601	.99315	.70791	.21331	.22480	5.722	.21517	.26008
Stddev	.00205	.00794	.00263	.00093	.00208	.016	.00011	.36934
%RSD	7.8884	.79930	.37162	.43482	.92333	.2782	.05195	142.01
#1	-.02746	.98754	.70605	.21266	.22333	5.710	.21525	.52125
#2	-.02456	.99877	.70977	.21397	.22627	5.733	.21509	-.00108

Sample Name: J5301-01A Acquired: 10/12/2018 13:41:42 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .97521
%RSD 196.38

#1 .19297
#2 -1.1862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.8	52458.	5026.8	113.45	4093.6
Stddev	4.3	62.	28.4	4.04	10.2
%RSD	.11069	.11879	.56549	3.5631	.24969

#1	3850.9	52414.	5046.9	116.31	4100.8
#2	3844.8	52503.	5006.7	110.59	4086.4

Sample Name: PB113801BS Acquired: 10/12/2018 13:49:37 Type: Unk
Method: P4-ICP2(v2493) 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	.70383	1.8017	.91322	1.7561	.72819	1.8743	.19675
Stddev	.00141	.0063	.00316	.0057	.00147	.0123	.00078
%RSD	.20098	.35059	.34636	.32424	.20152	.65515	.39682

#1	.70483	1.7972	.91098	1.7601	.72715	1.8656	.19620
#2	.70283	1.8062	.91546	1.7521	.72923	1.8830	.19730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17505	.17671	1.0415	.37895	.18572	.29180	2.7740
Stddev	.00012	.00041	.0072	.00105	.00003	.00022	.0064
%RSD	.06729	.23091	.68611	.27683	.01515	.07691	.23079

#1	.17513	.17642	1.0365	.37821	.18574	.29164	2.7785
#2	.17497	.17700	1.0466	.37969	.18570	.29196	2.7694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19977	1.9672	.46049	F .06284	2.7856	.28739	.18926
Stddev	.00008	.0577	.00063	.00047	.0237	.00080	.00170
%RSD	.04217	2.9314	.13687	.74616	.84905	.27962	.89801

#1	.19983	1.9264	.46005	.06317	2.7689	.28682	.18806
#2	.19971	2.0080	.46094	.06251	2.8023	.28796	.19046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7293	.38989	.28587	F -.02256	.84615	.62247	.19089
Stddev	.0331	.00091	.00062	.00015	.00087	.00112	.00503
%RSD	.34025	.23435	.21591	.65949	.10295	.18043	2.6355

#1	9.7059	.38924	.28543	-.02246	.84677	.62167	.18733
#2	9.7527	.39053	.28630	-.02267	.84554	.62326	.19445

Sample Name: PB113801BS Acquired: 10/12/2018 13:49:37 Type: Unk
Method: P4-ICP2(v2493) 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	.20841	F 4.917	.19275	.81809	F<.00000
Stddev	.00023	.007	.00006	.11513	.19497
%RSD	.11270	.1491	.03029	14.073	27.256

#1	.20857	4.912	.19271	.89949	-.85321
#2	.20824	4.923	.19279	.73668	-.57748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3778.7	51674.	4921.7	110.00	4004.8
Stddev	13.4	194.	32.6	.51	8.9
%RSD	.35456	.37566	.66207	.46607	.22243

#1	3769.2	51811.	4944.7	110.36	3998.5
#2	3788.1	51536.	4898.6	109.63	4011.1

Sample Name: PB113801BL Acquired: 10/12/2018 14:29:31 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00034	.00465	-.00247	-.00230	-.01037	-.00071	.00005
Stddev	.00232	.00031	.00030	.00154	.00199	.00519	.00052	.00001
%RSD	715.28	91.705	6.3728	62.521	86.547	50.059	73.823	17.441
#1	-.00197	-.00056	.00486	-.00356	-.00370	-.00670	-.00107	.00004
#2	.00132	-.00012	.00444	-.00138	-.00089	-.01404	-.00034	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00840	-.00038	-.00014	.00056	-.01547	.00034	.00057
Stddev	.00005	.00514	.00001	.00000	.00045	.00454	.00004	.00858
%RSD	117.10	61.197	2.4847	.61423	80.376	29.327	10.841	1506.2
#1	-.00001	-.00477	-.00038	-.00013	.00088	-.01226	.00036	.00663
#2	-.00007	-.01204	-.00037	-.00014	.00024	-.01867	.00031	-.00549
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00004	.28096	-.00030	.00090	.12238	.00010	-.00129
Stddev	.00001	.00061	.01529	.00009	.00003	.03218	.00006	.00230
%RSD	4.0707	1704.4	5.4404	28.741	3.6626	26.293	54.394	178.70
#1	.00023	.00039	.29177	-.00037	.00087	.09963	.00014	.00034
#2	.00025	-.00046	.27015	-.00024	.00092	.14513	.00006	-.00292
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01182	-.00414	-.00268	-.00053	-.00245	-.0023	-.00008	F 1.6760
Stddev	.00838	.00257	.00028	.00082	.00017	.0007	.00004	.0648
%RSD	70.902	61.976	10.587	156.15	7.0963	29.55	53.279	3.8649
#1	.01775	-.00233	-.00289	-.00111	-.00257	-.0028	-.00012	1.7218
#2	.00590	-.00596	-.00248	.00005	-.00232	-.0018	-.00005	1.6302

Sample Name: PB113801BL Acquired: 10/12/2018 14:29:31 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .82946
Stddev	.06593
%RSD	7.9486

#1	.87608
#2	.78284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3787.2	51441.	4920.0	109.28	4047.0
Stddev	12.7	84.	18.0	.20	15.2
%RSD	.33522	.16398	.36557	.18334	.37485

#1	3778.2	51382.	4907.3	109.13	4036.3
#2	3796.2	51501.	4932.8	109.42	4057.7

Sample Name: J5446-01 Acquired: 10/12/2018 14:42:12 Type: Unk
Method: P4-ICP2(v2493) 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	.01155	-.00135	.00818	.00021	-.00259	-.01379	.37252	.00020
Stddev	.00756	.00015	.00058	.00056	.00087	.01866	.00131	.00002
%RSD	65.513	11.019	7.0367	261.05	33.652	135.37	.35252	10.192

#1	.00620	-.00146	.00859	-.00018	-.00321	-.02698	.37159	.00019
#2	.01690	-.00125	.00777	.00061	-.00198	-.00059	.37345	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	329.94	-.00100	-.00070	.00135	-.09612	.00051	151.65
Stddev	.00014	.24	.00006	.00011	.00060	.00424	.00001	.92
%RSD	61.964	.07363	6.1411	15.748	44.173	4.4154	1.7074	.60667

#1	-.00013	329.77	-.00096	-.00062	.00178	-.09912	.00051	151.00
#2	-.00033	330.11	-.00104	-.00077	.00093	-.09312	.00050	152.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	-.00040	1438.8	.00219	.04757	63.952	.02094	.63311
Stddev	.00121	.00022	5.9	.00040	.00008	.188	.00027	.01265
%RSD	49.554	55.562	.41110	18.309	.16293	.29356	1.2973	1.9974

#1	-.00158	-.00056	1443.0	.00248	.04763	63.820	.02113	.62417
#2	-.00328	-.00024	1434.6	.00191	.04752	64.085	.02075	.64206

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 184.17	F 17.358	-.06983	-.01055	.04196	.0530	2.3912	12.906
Stddev	.60	.054	.00009	.00070	.00023	.0017	.0000	1.030
%RSD	.32725	.30978	.12550	6.6150	.55688	3.237	.00026	7.9820

#1	184.60	17.320	-.06977	-.01104	.04212	.0542	2.3912	12.178
#2	183.74	17.396	-.06989	-.01006	.04179	.0518	2.3912	13.635

Sample Name: J5446-01 Acquired: 10/12/2018 14:42:12 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.5080
Stddev .3842
%RSD 5.9030

#1 6.7796
#2 6.2363

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.1	41672.	4645.4	98.702	3007.5
Stddev	3.1	44.	21.6	.475	2.9
%RSD	.09830	.10559	.46584	.48085	.09565

#1	3173.9	41703.	4660.7	98.366	3005.5
#2	3178.3	41641.	4630.1	99.037	3009.5

Sample Name: CCV03 Acquired: 10/12/2018 14:46:17 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7719	4.7187	4.8031	4.7529	4.8140	9.7310	9.6132	.24119
Stddev	.0112	.0026	.0057	.0126	.0230	.1180	.0408	.00289
%RSD	.23440	.05562	.11903	.26549	.47861	1.2122	.42437	1.1998
#1	4.7640	4.7206	4.8072	4.7440	4.7977	9.8144	9.5844	.24323
#2	4.7798	4.7168	4.7991	4.7618	4.8303	9.6476	9.6421	.23914
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3784	24.625	.95531	2.3669	1.2032	4.7040	2.4473	23.816
Stddev	.0019	.209	.00929	.0027	.0029	.1782	.0211	.222
%RSD	.08052	.85055	.97235	.11630	.23853	3.7893	.86375	.93008
#1	2.3770	24.477	.96188	2.3650	1.2011	4.8301	2.4623	23.660
#2	2.3797	24.773	.94874	2.3689	1.2052	4.5780	2.4324	23.973
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3551	1.1821	23.334	2.4136	2.4328	24.046	4.8504	4.8270
Stddev	.0003	.0077	.172	.0162	.0794	.121	.0123	.0299
%RSD	.01109	.65151	.73834	.67241	3.2653	.50379	.25274	.61878
#1	2.3549	1.1876	23.212	2.4251	2.4890	23.960	4.8418	4.8059
#2	2.3553	1.1767	23.456	2.4022	2.3766	24.132	4.8591	4.8481
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6628	4.8237	4.7442	4.7819	5.1489	4.812	4.7972	F 3.3819
Stddev	.0230	.0445	.0076	.0138	.0314	.003	.0160	.4203
%RSD	.49343	.92274	.16103	.28769	.60912	.0534	.33351	12.429
#1	4.6790	4.7922	4.7388	4.7916	5.1267	4.814	4.7859	3.0847
#2	4.6465	4.8552	4.7496	4.7722	5.1710	4.810	4.8085	3.6791

Sample Name: CCV03 Acquired: 10/12/2018 14:46:17 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9720
Stddev .3318
%RSD 11.164

#1 3.2066
#2 2.7374

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3658.0	48803.	4848.4	102.88	3655.0
Stddev	.6	384.	34.6	3.51	10.2
%RSD	.01565	.78655	.71339	3.4161	.27786

#1	3657.6	48532.	4872.8	100.39	3647.8
#2	3658.4	49075.	4823.9	105.36	3662.2

Sample Name: CCB03 Acquired: 10/12/2018 14:50:00 Type: Unk
Method: P4-ICP2(v2493) 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	-.00190	.00177	.00307	-.00265	-.00231	-.00277	-.00057	.00006
Stddev	.00481	.00053	.00038	.00316	.00022	.01593	.00043	.00002
%RSD	252.69	29.773	12.418	119.21	9.4407	574.06	75.668	40.558

#1	.00150	.00140	.00334	-.00042	-.00247	.00849	-.00088	.00004
#2	-.00530	.00214	.00280	-.00489	-.00216	-.01404	-.00027	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.01934	-.00038	.00000	.00042	-.00709	.00014	.01634
Stddev	.00002	.01707	.00019	.00004	.00018	.00331	.00003	.03308
%RSD	24.835	88.269	48.445	981.52	41.580	46.665	25.152	202.42

#1	-.00008	-.00727	-.00025	.00003	.00030	-.00475	.00011	.03974
#2	-.00012	-.03140	-.00051	-.00002	.00055	-.00943	.00016	-.00705

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00013	-.02709	-.00042	.00091	.00654	.00035	.00602
Stddev	.00002	.00016	.00023	.00033	.00014	.03378	.00003	.00273
%RSD	1.8948	121.22	.85373	79.667	15.063	516.27	8.9567	45.346

#1	.00092	-.00024	-.02693	-.00018	.00100	.03043	.00033	.00409
#2	.00090	-.00002	-.02725	-.00066	.00081	-.01734	.00037	.00795

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01716	-.00174	-.00256	-.00005	-.00353	-.0013	.00008	F 1.1900
Stddev	.00269	.00147	.00012	.00013	.00044	.0021	.00001	.9192
%RSD	15.648	84.216	4.7812	257.69	12.584	159.0	7.8607	77.247

#1	-.01527	-.00070	-.00265	-.00014	-.00322	.0002	.00009	1.8399
#2	-.01906	-.00278	-.00248	.00004	-.00385	-.0029	.00008	.53999

Sample Name: CCB03 Acquired: 10/12/2018 14:50:00 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .41734
 Stddev .14190
 %RSD 34.000

#1 .31701
 #2 .51768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3859.0	52133.	4932.4	109.80	4163.3
Stddev	11.2	91.	1.0	3.61	14.2
%RSD	.29119	.17487	.01942	3.2899	.34115

#1	3866.9	52069.	4931.8	112.35	4173.4
#2	3851.1	52198.	4933.1	107.24	4153.3

Sample Name: J5301-02 Acquired: 10/12/2018 14:54:04 Type: Unk
Method: P4-ICP2(v2493) 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	-.00038	.00083	.00007	-.00233	-.00195	.02635	.00026	.00001
Stddev	.00479	.00030	.00043	.00100	.00112	.00152	.00060	.00003
%RSD	1246.3	36.410	636.65	42.853	57.240	5.7641	230.14	361.90

#1	-.00377	.00062	.00037	-.00304	-.00116	.02528	.00069	-.00001
#2	.00300	.00104	-.00024	-.00163	-.00274	.02743	-.00016	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.06148	-.00013	.00001	.01237	.02242	.00151	-.02088
Stddev	.00005	.00433	.00021	.00011	.00045	.00187	.00007	.00366
%RSD	112.25	7.0448	158.90	878.23	3.6035	8.3260	4.3280	17.547

#1	-.00008	.05841	-.00028	-.00006	.01206	.02374	.00156	-.02347
#2	-.00001	.06454	.00002	.00009	.01269	.02110	.00147	-.01829

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00007	-.06619	-.00087	.04001	.04679	.00011	.01824
Stddev	.00025	.00077	.00511	.00054	.00002	.01338	.00020	.00773
%RSD	17.028	1105.3	7.7149	62.117	.04829	28.598	187.82	42.396

#1	.00129	.00047	-.06258	-.00049	.04000	.03733	-.00004	.01277
#2	.00164	-.00061	-.06980	-.00125	.04003	.05625	.00025	.02371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02536	.09412	-.00322	.00050	-.01075	.0002	.00027	.95638
Stddev	.00180	.00165	.00100	.00072	.00116	.0008	.00010	.59449
%RSD	7.0775	1.7528	31.211	143.61	10.786	425.9	36.915	62.161

#1	-.02410	.09528	-.00393	-.00001	-.01157	.0007	.00034	1.3767
#2	-.02663	.09295	-.00251	.00101	-.00993	-.0004	.00020	.53601

Sample Name: J5301-02 Acquired: 10/12/2018 14:54:04 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .56265
 Stddev .43306
 %RSD 76.968

#1 .86887
 #2 .25643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3907.8	52446.	5068.0	114.06	4223.3
Stddev	6.0	1203.	16.4	.45	7.5
%RSD	.15260	2.2936	.32452	.39264	.17780

#1	3912.0	51595.	5056.3	113.74	4228.6
#2	3903.5	53297.	5079.6	114.38	4218.0

Sample Name: J5301-03 Acquired: 10/12/2018 14:58:07 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00059	-.00077	-.00096	.03066	.02139	.00086	.00015
Stddev	.00020	.00082	.00042	.00356	.00034	.00309	.00019	.00001
%RSD	20.280	137.20	54.031	370.52	1.1098	14.449	21.838	3.7498

#1	.00084	.00002	-.00048	.00155	.03090	.02358	.00100	.00015
#2	.00112	.00117	-.00107	-.00347	.03042	.01921	.00073	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.05776	.00005	.00017	.00692	.00264	.01000	-.02049
Stddev	.00004	.00780	.00018	.00001	.00036	.01385	.00008	.03194
%RSD	141.90	13.511	363.56	3.5507	5.2272	524.16	.75788	155.83

#1	.00000	.06327	-.00008	.00017	.00666	-.00715	.01005	.00209
#2	-.00006	.05224	.00017	.00016	.00717	.01244	.00994	-.04308

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	-.00049	1.9294	-.00018	.04134	.43939	-.00007	.01407
Stddev	.00006	.00022	.0044	.00020	.00111	.00430	.00036	.00566
%RSD	1.7383	45.928	.22756	109.02	2.6820	.97751	531.73	40.239

#1	.00317	-.00033	1.9263	-.00004	.04056	.43635	.00019	.01808
#2	.00325	-.00064	1.9325	-.00033	.04212	.44243	-.00033	.01007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02446	1.6244	-.00376	-.00051	-.00951	-.0009	.00024	.61466
Stddev	.00193	.0019	.00056	.00001	.00124	.0021	.00009	.57366
%RSD	7.9019	.11938	14.787	2.6655	13.030	225.0	36.181	93.330

#1	-.02309	1.6230	-.00415	-.00052	-.00863	.0006	.00030	.20902
#2	-.02583	1.6258	-.00336	-.00050	-.01039	-.0024	.00018	1.0203

Sample Name: J5301-03 Acquired: 10/12/2018 14:58:07 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .41591
Stddev .27747
%RSD 66.713

#1 .61211
#2 .21971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3893.5	53035.	5097.3	114.45	4228.2
Stddev	12.6	206.	11.6	2.59	2.0
%RSD	.32368	.38879	.22675	2.2601	.04764

#1	3902.4	52889.	5105.5	116.28	4229.7
#2	3884.6	53180.	5089.2	112.63	4226.8

Sample Name: J5330-01 Acquired: 10/12/2018 15:02:11 Type: Unk
Method: P4-ICP2(v2493) 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	.01349	-.01293	.10898	-.00438	-.00120	28.081	.47125	.00221
Stddev	.00329	.00071	.00075	.00404	.00038	.143	.00099	.00003
%RSD	24.408	5.5194	.69275	92.122	31.760	.50979	.21047	1.4093
#1	.01116	-.01343	.10844	-.00724	-.00147	27.980	.47054	.00223
#2	.01581	-.01242	.10951	-.00153	-.00093	28.183	.47195	.00219
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	261.08	.06465	.03322	.06463	46.215	4.9600	34.641
Stddev	.00010	1.12	.00052	.00009	.00064	.204	.0074	.263
%RSD	19.046	.43044	.80218	.27619	.99524	.44191	.14878	.75891
#1	-.00060	260.28	.06502	.03328	.06509	46.071	4.9548	34.456
#2	-.00046	261.87	.06429	.03316	.06418	46.359	4.9652	34.827
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07500	-.00238	135.88	.08225	.43975	25.631	.00420	.47209
Stddev	.00025	.00078	.43	.00026	.00156	.076	.00046	.00375
%RSD	.33762	32.877	.31566	.31395	.35372	.29550	10.856	.79402
#1	.07482	-.00183	135.57	.08207	.44085	25.577	.00388	.47474
#2	.07518	-.00294	136.18	.08243	.43865	25.684	.00452	.46944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 148.07	F 35.667	-.05101	1.5200	.03715	1.547	1.2726	<.00000
Stddev	.62	.013	.00097	.0016	.00000	.002	.0019	.12972
%RSD	.41724	.03612	1.9089	.10333	.00824	.1097	.14510	557.44
#1	148.51	35.658	-.05170	1.5211	.03715	1.545	1.2713	.06846
#2	147.63	35.676	-.05032	1.5188	.03715	1.548	1.2739	-.11500

Sample Name: J5330-01 Acquired: 10/12/2018 15:02:11 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.856
Stddev	.863
%RSD	6.2286

#1	14.466
#2	13.246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.4	50190.	5234.4	106.86	3500.9
Stddev	14.4	28.	7.4	.02	2.1
%RSD	.38975	.05642	.14138	.01484	.06063

#1	3708.6	50210.	5239.6	106.87	3502.4
#2	3688.2	50170.	5229.1	106.85	3499.4

Sample Name: J5360-01 Acquired: 10/12/2018 15:06:08 Type: Unk
Method: P4-ICP2(v2493) 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	.00840	-.00030	.00590	.00080	-.00406	.34029	.22828	.00013
Stddev	.00035	.00095	.00083	.00505	.00033	.00172	.00121	.00002
%RSD	4.1973	317.92	14.054	628.98	8.2525	.50463	.53121	16.799
#1	.00815	-.00097	.00532	-.00277	-.00430	.33908	.22913	.00012
#2	.00865	.00037	.00649	.00438	-.00382	.34150	.22742	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	288.11	-.00002	.00012	.00719	1.2220	.67618	61.432
Stddev	.00000	3.28	.00010	.00034	.00032	.0145	.00112	.143
%RSD	1.0563	1.1371	449.12	283.11	4.4599	1.1841	.16525	.23327
#1	-.00020	285.79	-.00010	.00036	.00696	1.2118	.67539	61.533
#2	-.00021	290.43	.00005	-.00012	.00742	1.2322	.67697	61.330
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00040	387.95	.00168	.04837	45.370	.00987	.35325
Stddev	.00014	.00085	6.45	.00028	.00017	.355	.00026	.00305
%RSD	5.4183	213.07	1.6619	16.827	.34337	.78292	2.6834	.86293
#1	.00252	-.00100	383.39	.00148	.04825	45.119	.00969	.35109
#2	.00272	.00020	392.51	.00188	.04849	45.621	.01006	.35540
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.471	F 15.435	-.02388	.00686	.07371	.0311	3.1911	11.653
Stddev	.195	.143	.00118	.00149	.00188	.0047	.0232	.379
%RSD	.32781	.92637	4.9389	21.703	2.5464	15.22	.72724	3.2490
#1	59.333	15.334	-.02471	.00580	.07238	.0345	3.1747	11.921
#2	59.609	15.536	-.02304	.00791	.07504	.0278	3.2075	11.385

Sample Name: J5360-01 Acquired: 10/12/2018 15:06:08 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0934
Stddev .3194
%RSD 6.2716

#1 4.8675
#2 5.3192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.1	45853.	4845.2	104.30	3360.4
Stddev	11.8	139.	47.8	.70	1.4
%RSD	.34568	.30406	.98655	.67201	.04253

#1	3416.4	45952.	4879.0	104.80	3361.4
#2	3399.7	45755.	4811.4	103.81	3359.4

Sample Name: J5361-01 Acquired: 10/12/2018 15:10:14 Type: Unk
Method: P4-ICP2(v2493) 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	-.00021	.00021	.00238	-.00199	-.00226	.03749	-.00005	.00000
Stddev	.00206	.00019	.00065	.00073	.00049	.00353	.00012	.00001
%RSD	984.24	89.580	27.477	36.495	21.663	9.4188	235.16	264.07

#1	.00125	.00008	.00191	-.00250	-.00260	.03998	-.00014	.00001
#2	-.00166	.00034	.00284	-.00148	-.00191	.03499	.00004	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.20177	.00076	-.00003	.03880	.01005	.00132	.00420
Stddev	.00005	.00520	.00072	.00008	.00034	.00882	.00007	.04730
%RSD	16198.	2.5756	94.248	293.22	.88583	87.756	4.9425	1126.5

#1	.00004	.20544	.00025	-.00008	.03856	.01628	.00137	.03765
#2	-.00004	.19809	.00127	.00003	.03904	.00381	.00128	-.02925

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01512	-.00066	.31163	-.00051	.10576	.33181	-.00004	.01230
Stddev	.00002	.00012	.01311	.00005	.00216	.01291	.00000	.00350
%RSD	.11801	19.057	4.2063	10.180	2.0381	3.8902	6.4357	28.425

#1	.01511	-.00057	.30236	-.00047	.10729	.34094	-.00004	.01478
#2	.01514	-.00074	.32090	-.00054	.10424	.32268	-.00004	.00983

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00514	.01838	-.00371	-.00092	-.01102	.0007	.00055	<.00000
Stddev	.00070	.00002	.00027	.00058	.00170	.0001	.00000	.38692
%RSD	13.530	.08323	7.3304	62.652	15.390	14.59	.88729	1588.8

#1	-.00564	.01836	-.00390	-.00051	-.00982	.0007	.00055	.24924
#2	-.00465	.01839	-.00352	-.00133	-.01222	.0006	.00055	-.29794

Sample Name: J5361-01 Acquired: 10/12/2018 15:10:14 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .08556
 Stddev .13830
 %RSD 161.64

#1 .18336
 #2 -.01223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3928.4	53950.	5174.5	114.63	4234.4
Stddev	6.3	34.	43.5	2.31	3.9
%RSD	.16099	.06289	.84116	2.0152	.09102

#1	3924.0	53926.	5143.7	112.99	4231.7
#2	3932.9	53974.	5205.2	116.26	4237.2

Sample Name: J5401-01 Acquired: 10/12/2018 15:14:17 Type: Unk
Method: P4-ICP2(v2493) 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	-.00163	-.00029	.01253	-.00401	-.00144	.01605	.00308	.00007
Stddev	.00172	.00096	.00012	.00143	.00002	.00792	.00010	.00001
%RSD	105.96	337.44	.96335	35.772	1.6791	49.357	3.2191	10.307
#1	-.00285	.00040	.01261	-.00300	-.00145	.01045	.00315	.00007
#2	-.00041	-.00097	.01244	-.00502	-.00142	.02165	.00301	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.10289	.00198	.00007	.08876	.31474	.00357	-.02995
Stddev	.00008	.00620	.00021	.00001	.00052	.00446	.00000	.06485
%RSD	151.61	6.0236	10.437	20.237	.58873	1.4173	.05478	216.51
#1	-.00000	.10727	.00213	.00008	.08912	.31789	.00357	.01590
#2	.00010	.09851	.00184	.00006	.08839	.31158	.00357	-.07581
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06349	-.00030	-.03582	-.00029	.13586	.02701	.00001	.00515
Stddev	.00011	.00036	.00473	.00005	.00444	.01971	.00006	.00273
%RSD	.17508	119.42	13.208	18.608	3.2681	72.993	528.57	52.989
#1	.06341	-.00005	-.03247	-.00033	.13900	.01307	.00005	.00708
#2	.06357	-.00055	-.03916	-.00025	.13272	.04095	-.00003	.00322
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01010	8.4623	-.00297	.00095	-.01101	.0023	.00038	<.00000
Stddev	.00017	.0004	.00008	.00136	.00037	.0005	.00009	.19142
%RSD	1.7279	.00423	2.7318	143.00	3.3654	20.01	25.026	85.435
#1	-.01022	8.4626	-.00303	.00192	-.01127	.0026	.00031	-.35941
#2	-.00997	8.4621	-.00291	-.00001	-.01075	.0019	.00044	-.08870

Sample Name: J5401-01 Acquired: 10/12/2018 15:14:17 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .39392
 Stddev .23565
 %RSD 59.823

#1 .56055
 #2 .22729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.1	53872.	5118.7	115.29	4284.2
Stddev	5.7	320.	4.9	3.22	.4
%RSD	.14638	.59447	.09651	2.7958	.00931

#1	3931.2	54099.	5115.2	113.01	4284.5
#2	3923.1	53646.	5122.2	117.57	4283.9

Sample Name: J5452-01 Acquired: 10/12/2018 15:18:21 Type: Unk
Method: P4-ICP2(v2493) 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	.00012	.00053	.01539	-.00278	-.00003	.20087	.01258	.00009
Stddev	.00239	.00106	.00043	.00031	.00048	.00610	.00165	.00005
%RSD	2070.9	198.73	2.8069	11.017	1610.1	3.0391	13.123	51.051

#1	-.00157	.00128	.01569	-.00300	.00031	.19655	.01142	.00013
#2	.00180	-.00022	.01508	-.00256	-.00037	.20518	.01375	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.57094	.00307	.00035	.05719	.96904	.01837	-.00235
Stddev	.00003	.04084	.00028	.00003	.00033	.04463	.00005	.03504
%RSD	38.682	7.1530	8.9823	9.0897	.57699	4.6056	.26404	1490.8

#1	.00005	.54206	.00327	.00033	.05742	.93748	.01833	.02243
#2	.00008	.59982	.00288	.00038	.05695	1.0006	.01840	-.02713

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	-.00049	.06812	-.00044	.15250	.10469	.00050	.00810
Stddev	.00038	.00003	.01527	.00035	.00691	.01164	.00003	.00960
%RSD	8.1785	5.8385	22.419	79.856	4.5323	11.118	6.9316	118.57

#1	.00486	-.00051	.05733	-.00069	.14761	.11292	.00047	.00131
#2	.00433	-.00047	.07892	-.00019	.15738	.09646	.00052	.01489

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00493	.87906	-.00247	.00561	-.00830	.0099	.00173	<.00000
Stddev	.00285	.05431	.00009	.00087	.00327	.0012	.00011	.01911
%RSD	57.801	6.1778	3.5177	15.436	39.420	12.06	6.4198	2.8437

#1	.00292	.84066	-.00241	.00500	-.01061	.0090	.00165	-.68561
#2	.00695	.91746	-.00253	.00622	-.00598	.0107	.00181	-.65858

Sample Name: J5452-01 Acquired: 10/12/2018 15:18:21 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .87274
 Stddev .14245
 %RSD 16.323

#1 .77201
 #2 .97347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3924.5	53563.	4871.0	110.62	4245.0
Stddev	2.1	145.	230.9	5.24	1.0
%RSD	.05331	.27068	4.7400	4.7410	.02265

#1	3923.0	53460.	5034.3	114.33	4245.7
#2	3925.9	53665.	4707.7	106.91	4244.4

Sample Name: J5452-02 Acquired: 10/12/2018 15:22:25 Type: Unk
Method: P4-ICP2(v2493) 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	-.00245	.00081	.06702	-.00064	-.00208	.19775	.00235	.00002
Stddev	.00018	.00066	.00003	.00039	.00048	.00956	.00086	.00004
%RSD	7.5262	80.895	.04584	61.573	23.010	4.8354	36.530	236.30

#1	-.00232	.00127	.06699	-.00036	-.00241	.19099	.00296	.00004
#2	-.00258	.00035	.06704	-.00091	-.00174	.20451	.00174	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.10998	.00032	-.00004	.01537	.10233	.00423	.00593
Stddev	.00003	.00250	.00027	.00000	.00046	.00785	.00002	.01399
%RSD	49.116	2.2695	83.453	4.9927	3.0089	7.6735	.37731	235.93

#1	-.00008	.11174	.00052	-.00004	.01570	.10788	.00422	-.00396
#2	-.00004	.10821	.00013	-.00004	.01504	.09677	.00424	.01582

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	-.00056	-.05763	-.00066	.04971	-.00437	-.00019	.00336
Stddev	.00014	.00003	.01708	.00006	.00051	.00314	.00005	.00990
%RSD	7.1119	5.9357	29.633	9.6275	1.0212	71.847	23.816	294.22

#1	.00204	-.00054	-.04555	-.00071	.05007	-.00660	-.00016	-.00363
#2	.00185	-.00058	-.06971	-.00062	.04935	-.00215	-.00023	.01036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01732	.01637	-.00268	-.00058	-.01181	.0001	.00047	.58778
Stddev	.00056	.00108	.00023	.00044	.00043	.0002	.00001	.29630
%RSD	3.2213	6.5965	8.5738	76.038	3.6124	150.4	1.5797	50.410

#1	-.01692	.01561	-.00284	-.00089	-.01151	.0002	.00047	.79730
#2	-.01771	.01713	-.00251	-.00027	-.01211	-.0000	.00048	.37827

Sample Name: J5452-02 Acquired: 10/12/2018 15:22:25 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .45215
 Stddev .38659
 %RSD 85.500

#1 .17879
 #2 .72551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.6	53329.	5077.6	114.75	4233.5
Stddev	2.9	98.	40.8	.62	7.8
%RSD	.07441	.18284	.80328	.54432	.18382

#1	3919.7	53398.	5048.8	114.31	4239.0
#2	3915.6	53260.	5106.5	115.19	4228.0

Sample Name: PB113800BL Acquired: 10/12/2018 15:26:28 Type: Unk
Method: P4-ICP2(v2493) 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	-.00108	.00057	.00334	-.00148	-.00241	.00906	-.00013	.00004
Stddev	.00029	.00072	.00165	.00228	.00145	.00366	.00004	.00001
%RSD	26.517	126.36	49.397	153.90	60.076	40.408	31.511	21.543
#1	-.00129	.00108	.00217	-.00309	-.00138	.01164	-.00016	.00003
#2	-.00088	.00006	.00451	.00013	-.00343	.00647	-.00010	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00538	-.00064	-.00014	.00004	-.01200	.00018	.04087
Stddev	.00011	.01707	.00003	.00006	.00017	.01000	.00003	.02490
%RSD	260.29	317.04	5.2891	45.678	485.12	83.268	14.399	60.916
#1	.00004	.00669	-.00067	-.00018	.00016	-.00494	.00020	.02326
#2	-.00012	-.01745	-.00062	-.00009	-.00009	-.01907	.00017	.05847
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00024	-.07287	-.00042	.00078	.03510	-.00015	-.00630
Stddev	.00007	.00026	.00394	.00021	.00012	.00294	.00003	.00648
%RSD	20.662	105.07	5.4116	51.355	15.702	8.3681	17.800	102.81
#1	.00040	-.00006	-.07008	-.00057	.00086	.03302	-.00013	-.01089
#2	.00030	-.00042	-.07566	-.00027	.00069	.03717	-.00017	-.00172
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	-.00539	-.00263	-.00108	-.00656	-.0004	-.00002	F 1.2765
Stddev	.00349	.00036	.00143	.00232	.00187	.0014	.00000	.2641
%RSD	121.31	6.7340	54.484	214.24	28.501	384.8	21.103	20.691
#1	-.00041	-.00513	-.00162	.00056	-.00789	-.0013	-.00002	1.4633
#2	-.00534	-.00564	-.00364	-.00272	-.00524	.0006	-.00002	1.0898

Sample Name: PB113800BL Acquired: 10/12/2018 15:26:28 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .64662
Stddev .34574
%RSD 53.468

#1 .89109
#2 .40215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3817.8	51507.	4882.6	108.67	4091.9
Stddev	12.2	186.	10.6	1.67	6.9
%RSD	.31940	.36077	.21776	1.5400	.16903

#1	3809.2	51375.	4890.1	109.85	4087.0
#2	3826.5	51638.	4875.1	107.48	4096.8

Sample Name: PB113802BS Acquired: 10/12/2018 15:30:32 Type: Unk
Method: P4-ICP2(v2493) 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	.69792	1.8143	.89520	1.7423	.72226	1.8429	.19604
Stddev	.00319	.0077	.00653	.0049	.00190	.0171	.00045
%RSD	.45684	.42723	.72990	.27896	.26304	.93062	.22952

#1	.69566	1.8088	.89058	1.7388	.72360	1.8550	.19573
#2	.70017	1.8197	.89982	1.7457	.72092	1.8307	.19636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17591	.17335	1.0015	.37298	.18355	.29008	2.7138
Stddev	.00005	.00104	.0194	.00083	.00016	.00041	.0016
%RSD	.02674	.59851	1.9346	.22255	.08855	.14087	.05830

#1	.17594	.17261	.98775	.37239	.18344	.28979	2.7149
#2	.17587	.17408	1.0151	.37356	.18367	.29037	2.7126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19618	1.9322	.45538	.06005	2.8189	.28015	.18245
Stddev	.00030	.0026	.00159	.00029	.0051	.00106	.00458
%RSD	.15481	.13508	.34809	.48725	.18198	.37761	2.5100

#1	.19639	1.9341	.45650	.05984	2.8225	.27940	.17921
#2	.19596	1.9304	.45426	.06025	2.8153	.28090	.18569

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.004	.37983	.28035	F -.02100	.84161	.61517	.19011
Stddev	.062	.00039	.00145	.00297	.01711	.00194	.00272
%RSD	.62459	.10168	.51787	14.124	2.0327	.31468	1.4287

#1	10.049	.37956	.27932	-.01890	.82952	.61380	.18818
#2	9.9602	.38011	.28138	-.02310	.85371	.61654	.19203

Sample Name: PB113802BS Acquired: 10/12/2018 15:30:32 Type: Unk
Method: P4-ICP2(v2493) 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	.20163	4.923	.19103	F .49148	F<.00000
Stddev	.00076	.013	.00000	.13477	.42254
%RSD	.37594	.2638	.00226	27.421	188.58

#1	.20217	4.913	.19103	.39618	-.52284
#2	.20109	4.932	.19103	.58677	.07472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3813.1	51785.	4903.8	110.27	4037.4
Stddev	2.1	97.	69.9	2.33	4.4
%RSD	.05605	.18664	1.4252	2.1162	.10842

#1	3814.6	51854.	4953.2	111.92	4040.5
#2	3811.6	51717.	4854.4	108.62	4034.3

Sample Name: CCV04 Acquired: 10/12/2018 15:34:21 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7796	4.6976	4.7753	4.8099	4.8382	9.7781	9.5340	.23726
Stddev	.0236	.0138	.0243	.0089	.0004	.0432	.0062	.00065
%RSD	.49393	.29398	.50803	.18582	.00789	.44162	.06498	.27417
#1	4.7962	4.6879	4.7581	4.8162	4.8380	9.8086	9.5383	.23680
#2	4.7629	4.7074	4.7924	4.8036	4.8385	9.7476	9.5296	.23772
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3681	24.503	.93953	2.3580	1.1995	4.7043	2.4126	23.689
Stddev	.0085	.319	.00310	.0060	.0009	.0490	.0001	.133
%RSD	.35786	1.3036	.32955	.25288	.07416	1.0405	.00294	.56117
#1	2.3621	24.729	.93734	2.3538	1.2001	4.7389	2.4125	23.595
#2	2.3741	24.278	.94172	2.3622	1.1988	4.6697	2.4126	23.783
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3511	1.1694	23.217	2.3805	2.3743	23.802	4.8377	4.8327
Stddev	.0040	.0004	.038	.0004	.0234	.000	.0024	.0021
%RSD	.16932	.03004	.16508	.01720	.98649	.00104	.05064	.04287
#1	2.3483	1.1696	23.244	2.3802	2.3908	23.802	4.8394	4.8342
#2	2.3539	1.1691	23.190	2.3808	2.3577	23.802	4.8360	4.8312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6629	4.7596	4.7142	4.7649	5.0962	4.843	4.7511	F 3.3323
Stddev	.0277	.0027	.0165	.0057	.0098	.001	.0050	.0804
%RSD	.59391	.05567	.34995	.11979	.19314	.0262	.10558	2.4140
#1	4.6433	4.7577	4.7025	4.7608	5.1032	4.842	4.7546	3.3892
#2	4.6825	4.7615	4.7258	4.7689	5.0893	4.844	4.7475	3.2754

Sample Name: CCV04 Acquired: 10/12/2018 15:34:21 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0791
Stddev	.0220
%RSD	.71461

#1	3.0946
#2	3.0635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.4	50312.	5067.7	107.45	3736.9
Stddev	5.0	49.	7.6	1.14	5.2
%RSD	.13390	.09701	.15080	1.0645	.13905

#1	3731.9	50277.	5062.3	106.65	3740.5
#2	3738.9	50346.	5073.1	108.26	3733.2

Sample Name: CCB04 Acquired: 10/12/2018 15:38:04 Type: Unk
Method: P4-ICP2(v2493) 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	-.00042	.00171	.00322	-.00142	-.00268	-.00167	-.00053	-.00004
Stddev	.00265	.00138	.00145	.00022	.00023	.01239	.00073	.00002
%RSD	630.75	80.691	45.051	15.546	8.6714	740.37	138.80	54.487
#1	-.00229	.00268	.00425	-.00126	-.00285	-.01043	-.00105	-.00005
#2	.00145	.00073	.00219	-.00157	-.00252	.00709	-.00001	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01320	-.00026	-.00006	.00007	-.00761	.00014	-.00628
Stddev	.00002	.00732	.00032	.00013	.00010	.01248	.00003	.05061
%RSD	28.446	55.495	121.11	210.25	145.24	163.91	20.604	806.51
#1	-.00005	-.01838	-.00049	-.00016	.00014	-.01644	.00016	-.04206
#2	-.00007	-.00802	-.00004	.00003	-.00000	.00121	.00012	.02951
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00031	-.12133	-.00023	.00050	.02353	.00024	-.00672
Stddev	.00038	.00024	.01709	.00014	.00004	.00131	.00012	.00035
%RSD	48.246	77.707	14.089	61.685	7.6746	5.5875	50.928	5.2204
#1	.00106	.00048	-.13342	-.00032	.00052	.02260	.00015	-.00696
#2	.00052	.00014	-.10924	-.00013	.00047	.02446	.00032	-.00647
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02446	-.00085	-.00216	-.00074	-.00594	-.0004	.00004	F .80591
Stddev	.00027	.00154	.00131	.00072	.00184	.0001	.00003	.65429
%RSD	1.1013	181.23	60.560	96.649	31.011	20.87	75.460	81.187
#1	-.02465	-.00194	-.00123	-.00125	-.00724	-.0004	.00006	1.2686
#2	-.02427	.00024	-.00308	-.00023	-.00464	-.0005	.00002	.34326

Sample Name: CCB04 Acquired: 10/12/2018 15:38:04 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .26097
Stddev .75278
%RSD 288.45

#1 -.27133
#2 .79326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.6	53020.	5109.3	113.07	4154.9
Stddev	10.1	58.	41.5	1.33	7.6
%RSD	.26193	.10949	.81251	1.1726	.18267

#1	3863.4	52979.	5079.9	114.01	4149.6
#2	3877.8	53061.	5138.6	112.13	4160.3

Sample Name: PB113801TB Acquired: 10/12/2018 15:42:08 Type: Unk
Method: P4-ICP2(v2493) 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	-.00253	-.00139	.00074	.00031	-.00180	-.00393	-.00139	-.00004
Stddev	.00255	.00068	.00100	.00165	.00097	.01005	.00081	.00003
%RSD	100.86	49.290	135.40	528.33	54.201	255.61	58.732	81.700
#1	-.00433	-.00090	.00003	.00148	-.00248	.00317	-.00196	-.00006
#2	-.00073	-.00187	.00145	-.00086	-.00111	-.01104	-.00081	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00923	.00044	-.00003	.00013	-.00423	.00025	-.02994
Stddev	.00011	.03346	.00053	.00008	.00009	.00044	.00006	.01073
%RSD	96.653	362.54	120.32	311.76	67.842	10.416	23.861	35.836
#1	-.00019	-.01443	.00007	-.00008	.00007	-.00392	.00029	-.02236
#2	-.00004	.03289	.00082	.00003	.00019	-.00454	.00021	-.03753
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00050	F 291.44	-.00044	.00814	.07015	.00030	.01021
Stddev	.00024	.00011	1.51	.00016	.00023	.04916	.00007	.00982
%RSD	15.706	22.086	.51930	36.655	2.8555	70.074	25.004	96.169
#1	.00134	-.00058	292.51	-.00033	.00830	.03539	.00024	.00327
#2	.00167	-.00042	290.37	-.00056	.00797	.10491	.00035	.01716
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02471	.00051	-.00125	-.00099	-.00440	-.0027	.00002	F 2.7393
Stddev	.00110	.00044	.00024	.00098	.00059	.0002	.00004	.0141
%RSD	4.4600	85.885	19.028	98.653	13.473	7.705	257.01	.51372
#1	-.02393	.00020	-.00141	-.00169	-.00482	-.0029	-.00001	2.7492
#2	-.02548	.00082	-.00108	-.00030	-.00398	-.0026	.00004	2.7293

Sample Name: PB113801TB Acquired: 10/12/2018 15:42:08 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8357
Stddev .3219
%RSD 17.537

#1 2.0633
#2 1.6081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.8	48853.	5018.4	111.18	3689.8
Stddev	11.3	192.	39.4	1.67	12.7
%RSD	.30930	.39401	.78605	1.4999	.34344

#1	3638.8	48717.	4990.5	110.00	3680.8
#2	3654.7	48989.	5046.3	112.36	3698.7

Sample Name: PB113802BL Acquired: 10/12/2018 15:46:17 Type: Unk
Method: P4-ICP2(v2493) 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	-.00294	.00082	.00319	-.00454	-.00197	-.00144	-.00179
Stddev	.00273	.00074	.00050	.00175	.00223	.00460	.00033
%RSD	92.959	90.076	15.515	38.650	112.96	320.06	18.189

#1	-.00487	.00135	.00354	-.00578	-.00354	.00182	-.00156
#2	-.00101	.00030	.00284	-.00330	-.00040	-.00469	-.00202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00008	-.01861	-.00029	-.00002	.00018	-.00555
Stddev	.00003	.00002	.01006	.00015	.00008	.00027	.00523
%RSD	291.68	26.139	54.063	53.605	376.88	153.26	94.205

#1	-.00001	-.00007	-.02573	-.00018	-.00008	-.00001	-.00185
#2	.00003	-.00010	-.01150	-.00039	.00003	.00037	-.00925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.01272	.00078	-.00004	-.07457	.00005	.00031
Stddev	.00005	.01103	.00011	.00001	.00044	.00016	.00011
%RSD	47.821	86.693	14.478	19.276	.59584	311.54	34.266

#1	.00007	-.02052	.00086	-.00004	-.07425	-.00006	.00038
#2	.00013	-.00492	.00070	-.00003	-.07488	.00017	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02413	-.00040	-.00243	-.02994	-.00498	-.00297	-.00176
Stddev	.00065	.00012	.00599	.00045	.00202	.00060	.00037
%RSD	2.6727	30.313	246.74	1.5030	40.507	20.382	21.252

#1	.02459	-.00031	-.00666	-.02962	-.00641	-.00254	-.00149
#2	.02368	-.00048	.00181	-.03025	-.00355	-.00339	-.00202

Sample Name: PB113802BL Acquired: 10/12/2018 15:46:17 Type: Unk
 Method: P4-ICP2(v2493) 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	-.00573	.0002	.00004	F<.00000	F .49041
Stddev	.00087	.0012	.00012	.18795	.03764
%RSD	15.241	551.3	273.54	25.094	7.6755

#1	-.00511	.0011	.00013	-.88188	.46380
#2	-.00635	-.0006	-.00004	-.61608	.51703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.9	54243.	5223.5	116.70	4268.3
Stddev	.4	18.	55.0	1.79	6.1
%RSD	.01039	.03331	1.0523	1.5300	.14243

#1	3976.6	54230.	5184.6	115.43	4264.0
#2	3977.2	54256.	5262.3	117.96	4272.6

Sample Name: PB113800BS Acquired: 10/12/2018 15:54:20 Type: Unk
Method: P4-ICP2(v2493) 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	.77978	1.9759	.99650	1.9348	.80401	2.0228	.21418
Stddev	.00283	.0062	.00466	.0136	.00047	.0102	.00007
%RSD	.36291	.31279	.46746	.70382	.05850	.50274	.03064

#1	.77778	1.9715	.99321	1.9252	.80434	2.0156	.21413
#2	.78178	1.9803	.99980	1.9445	.80368	2.0300	.21422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19364	.19483	1.1098	.41370	.20250	.31958	3.0016
Stddev	.00019	.00027	.0035	.00024	.00008	.00074	.0657
%RSD	.09596	.13766	.31742	.05874	.03725	.23302	2.1876

#1	.19351	.19502	1.1073	.41353	.20244	.31906	3.0480
#2	.19377	.19464	1.1123	.41387	.20255	.32011	2.9551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21596	2.0728	.50223	.07101	3.0619	.31151	.20447
Stddev	.00074	.0012	.00093	.00029	.0046	.00148	.00319
%RSD	.34343	.05801	.18506	.40804	.15020	.47652	1.5583

#1	.21543	2.0720	.50157	.07122	3.0652	.31256	.20672
#2	.21648	2.0737	.50289	.07081	3.0587	.31046	.20221

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.528	.42702	.31180	F -.03319	.94413	.68857	.20830
Stddev	.062	.00114	.01018	.00230	.01288	.00183	.00003
%RSD	.58694	.26639	3.2634	6.9192	1.3641	.26627	.01611

#1	10.484	.42621	.30460	-.03481	.93503	.68727	.20832
#2	10.572	.42782	.31899	-.03156	.95324	.68986	.20827

Sample Name: PB113800BS Acquired: 10/12/2018 15:54:20 Type: Unk
 Method: P4-ICP2(v2493) 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	.22470	F 5.471	.21020	F<.00000	F .02801
Stddev	.00022	.019	.00015	.45585	.06287
%RSD	.09648	.3403	.07255	126.55	224.41

#1	.22455	5.484	.21031	-.68256	.07247
#2	.22485	5.458	.21009	-.03789	-.01644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.5	53055.	5025.0	113.14	4099.4
Stddev	1.7	54.	35.7	1.97	14.2
%RSD	.04513	.10103	.71044	1.7395	.34584

#1	3869.7	53017.	5050.2	111.75	4089.4
#2	3867.3	53093.	4999.7	114.53	4109.5

Sample Name: PB113802TB Acquired: 10/12/2018 15:58:09 Type: Unk
Method: P4-ICP2(v2493) 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	-.00204	.00024	.00046	.00129	-.00164	.00326	-.00146
Stddev	.00055	.00140	.00083	.00306	.00148	.00416	.00022
%RSD	26.900	570.37	182.26	237.71	90.217	127.90	15.329

#1	-.00166	-.00074	.00105	.00345	-.00269	.00031	-.00130
#2	-.00243	.00123	-.00013	-.00088	-.00059	.00620	-.00162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00011	-.00089	.00039	-.00016	.00042	-.00513
Stddev	.00007	.00004	.00503	.00047	.00019	.00002	.00726
%RSD	336.19	39.127	568.67	120.76	115.71	4.4306	141.41

#1	.00003	-.00015	-.00444	.00073	-.00003	.00041	-.00000
#2	-.00007	-.00008	.00267	.00006	-.00030	.00044	-.01026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.02434	.00167	-.00056	F 283.88	-.00023	.00404
Stddev	.00001	.06184	.00011	.00049	1.53	.00021	.00011
%RSD	9.8890	254.04	6.5940	86.573	.53766	93.346	2.7334

#1	.00015	-.06807	.00159	-.00090	284.96	-.00008	.00412
#2	.00013	.01938	.00175	-.00022	282.80	-.00038	.00396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05582	.00026	.00316	F -.03267	.00397	-.00282	.00090
Stddev	.01502	.00013	.00013	.00243	.00144	.00006	.00161
%RSD	26.913	49.228	4.1658	7.4485	36.308	2.2524	178.52

#1	.04519	.00036	.00325	-.03095	.00499	-.00287	-.00024
#2	.06644	.00017	.00307	-.03439	.00295	-.00278	.00204

Sample Name: PB113802TB Acquired: 10/12/2018 15:58:09 Type: Unk
 Method: P4-ICP2(v2493) 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	-.00709	-.0010	.00000	F 2.8994	F 1.7356
Stddev	.00085	.0003	.00001	.2459	.6508
%RSD	11.983	29.46	3060.3	8.4803	37.498

#1	-.00649	-.0012	.00001	3.0732	2.1958
#2	-.00769	-.0008	-.00001	2.7255	1.2754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3654.0	49534.	4912.1	109.37	3714.5
Stddev	13.0	1610.	39.4	3.76	28.2
%RSD	.35700	3.2505	.80207	3.4375	.75891

#1	3644.7	48395.	4884.3	106.71	3694.5
#2	3663.2	50672.	4940.0	112.03	3734.4

Sample Name: PB113810BL Acquired: 10/12/2018 16:02:18 Type: Unk
Method: P4-ICP2(v2493) 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	-.00111	.00038	.00188	-.00264	-.00146	-.00671	-.00123
Stddev	.00030	.00106	.00126	.00212	.00031	.00355	.00049
%RSD	27.126	274.27	67.122	80.169	21.116	52.956	40.340

#1	-.00090	.00113	.00099	-.00114	-.00124	-.00420	-.00088
#2	-.00133	-.00036	.00278	-.00413	-.00168	-.00923	-.00158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00005	-.02155	-.00027	.00002	.00020	-.01351
Stddev	.00005	.00002	.00174	.00034	.00004	.00023	.00761
%RSD	127.55	46.524	8.0754	127.62	218.77	115.20	56.323

#1	.00007	-.00007	-.02278	-.00003	.00005	.00036	-.01889
#2	.00000	-.00003	-.02032	-.00051	-.00001	.00004	-.00813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.04620	.00070	-.00006	-.08273	-.00065	.00023
Stddev	.00001	.09515	.00007	.00001	.00433	.00023	.00005
%RSD	8.4486	205.95	10.692	12.721	5.2299	35.412	19.642

#1	.00012	.02108	.00075	-.00006	-.08579	-.00081	.00020
#2	.00014	-.11348	.00064	-.00005	-.07967	-.00049	.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02055	-.00015	-.00696	F -.03496	-.00342	-.00276	-.00106
Stddev	.02050	.00017	.01030	.00230	.00126	.00035	.00071
%RSD	99.712	109.24	148.06	6.5785	36.716	12.565	66.660

#1	-.03505	-.00003	-.01424	-.03659	-.00431	-.00301	-.00056
#2	-.00606	-.00027	.00033	-.03333	-.00253	-.00252	-.00156

Sample Name: PB113810BL Acquired: 10/12/2018 16:02:18 Type: Unk
 Method: P4-ICP2(v2493) 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	-.00698	-.0020	.00004	F 1.1187	F .85299
Stddev	.00098	.0003	.00006	.6291	.05632
%RSD	14.115	12.61	147.20	56.236	6.6031

#1	-.00767	-.0022	.00008	.67388	.81316
#2	-.00628	-.0019	-.00000	1.5636	.89282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3907.6	53153.	5099.4	113.50	4191.3
Stddev	7.9	75.	20.0	.69	3.5
%RSD	.20309	.14171	.39192	.60745	.08315

#1	3913.2	53100.	5085.2	113.01	4193.8
#2	3902.0	53207.	5113.5	113.98	4188.9

Sample Name: PB113810BS Acquired: 10/12/2018 16:06:23 Type: Unk
Method: P4-ICP2(v2493) 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	.79603	2.0031	1.0135	1.9756	.81959	2.0735	.21798
Stddev	.00298	.0006	.0044	.0040	.00448	.0154	.00007
%RSD	.37375	.02849	.43529	.20524	.54655	.74364	.03265

#1	.79393	2.0035	1.0104	1.9728	.81642	2.0626	.21803
#2	.79814	2.0027	1.0166	1.9785	.82276	2.0844	.21793

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19692	.19842	1.1253	.41937	.20618	.32483	3.0214
Stddev	.00029	.00020	.0016	.00044	.00071	.00150	.0335
%RSD	.14799	.10037	.14528	.10566	.34235	.46276	1.1079

#1	.19671	.19856	1.1241	.41905	.20668	.32377	2.9978
#2	.19712	.19828	1.1264	.41968	.20569	.32590	3.0451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21935	2.1423	.51066	.07177	3.1040	.31600	.20526
Stddev	.00005	.0375	.00098	.00014	.0054	.00043	.00312
%RSD	.02410	1.7512	.19133	.19881	.17472	.13723	1.5216

#1	.21931	2.1688	.50996	.07187	3.1078	.31570	.20305
#2	.21938	2.1157	.51135	.07167	3.1001	.31631	.20747

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.693	.43321	.30871	F -.03552	.95845	.70072	.21063
Stddev	.017	.00217	.00191	.00050	.01680	.00185	.00017
%RSD	.16051	.50164	.61769	1.4121	1.7529	.26409	.08242

#1	10.681	.43167	.31006	-.03587	.97033	.70203	.21076
#2	10.705	.43475	.30736	-.03516	.94657	.69941	.21051

Sample Name: PB113810BS Acquired: 10/12/2018 16:06:23 Type: Unk
Method: P4-ICP2(v2493) 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	.22820	5.579	.21220	F<.00000	F<.00000
Stddev	.00063	.012	.00039	.25694	.24808
%RSD	.27541	.2222	.18352	54.743	189.13

#1	.22776	5.587	.21193	-.65103	.04425
#2	.22865	5.570	.21248	-.28767	-.30659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.8	52939.	5084.5	114.08	4078.3
Stddev	3.8	41.	37.0	1.48	13.2
%RSD	.09843	.07688	.72760	1.2965	.32311

#1	3852.5	52968.	5058.3	115.13	4069.0
#2	3847.1	52910.	5110.6	113.03	4087.6

Sample Name: J5197-02 Acquired: 10/12/2018 16:10:14 Type: Unk
Method: P4-ICP2(v2493) 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	.00079	-.00108	.00166	.00109	-.00236	.08667	.12826	.00027
Stddev	.00312	.00017	.00086	.00435	.00016	.00719	.00117	.00002
%RSD	392.22	16.128	52.241	397.64	6.9629	8.2994	.91587	5.6634

#1	-.00141	-.00096	.00104	-.00198	-.00225	.08158	.12910	.00026
#2	.00300	-.00121	.00227	.00417	-.00248	.09175	.12743	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	14.442	.00021	.00430	.00870	.04445	.56672	4.5117
Stddev	.00010	.022	.00023	.00014	.00023	.00188	.00102	.0169
%RSD	90.120	.15334	109.71	3.2037	2.6232	4.2248	.18011	.37503

#1	.00019	14.457	.00005	.00440	.00886	.04312	.56600	4.4998
#2	.00004	14.426	.00038	.00421	.00854	.04578	.56744	4.5237

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.00026	302.39	-.00022	.02961	.93796	.00017	.00772
Stddev	.00005	.00043	2.20	.00010	.00006	.01138	.00012	.00744
%RSD	1.7181	165.53	.72686	47.117	.19467	1.2138	73.549	96.325

#1	.00277	.00004	303.95	-.00029	.02965	.94601	.00008	.01298
#2	.00270	-.00057	300.84	-.00015	.02957	.92991	.00025	.00246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15468	.34732	-.00214	.00013	-.00681	.0033	.03666	3.4262
Stddev	.00523	.00186	.00034	.00184	.00065	.0016	.00011	.1373
%RSD	3.3821	.53498	15.771	1399.2	9.4952	49.28	.30635	4.0075

#1	.15098	.34601	-.00238	-.00117	-.00727	.0022	.03674	3.5233
#2	.15838	.34864	-.00190	.00144	-.00636	.0045	.03658	3.3291

Sample Name: J5197-02 Acquired: 10/12/2018 16:10:14 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7623
Stddev .4229
%RSD 15.312

#1 2.4632
#2 3.0613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.7	49348.	5051.0	110.41	3639.1
Stddev	2.3	109.	14.5	.27	24.3
%RSD	.06253	.22113	.28756	.24016	.66771

#1	3683.1	49271.	5040.7	110.60	3656.2
#2	3686.4	49426.	5061.3	110.23	3621.9

Sample Name: J5197-02DUP Acquired: 10/12/2018 16:14:24 Type: Unk
Method: P4-ICP2(v2493) 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	.00286	-.00247	.00111	.00110	-.00210	.07974	.12728	.00018
Stddev	.00057	.00019	.00016	.00055	.00041	.01496	.00049	.00007
%RSD	19.888	7.7698	14.012	50.166	19.544	18.756	.38615	38.677
#1	.00326	-.00234	.00100	.00149	-.00239	.06916	.12762	.00023
#2	.00246	-.00261	.00122	.00071	-.00181	.09031	.12693	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	14.193	-.00011	.00421	.00836	.04760	.56352	4.4806
Stddev	.00003	.119	.00101	.00011	.00010	.00172	.00123	.0249
%RSD	26.230	.84053	921.79	2.6369	1.1421	3.6192	.21759	.55454
#1	.00015	14.278	-.00082	.00429	.00843	.04638	.56439	4.4630
#2	.00010	14.109	.00060	.00414	.00830	.04882	.56265	4.4982
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00300	.00015	300.93	-.00038	.02933	.92648	.00022	.00928
Stddev	.00056	.00025	3.77	.00005	.00038	.00515	.00013	.00445
%RSD	18.536	167.42	1.2530	12.476	1.2969	.55587	58.354	48.006
#1	.00339	.00033	303.59	-.00034	.02906	.92284	.00013	.00613
#2	.00261	-.00003	298.26	-.00041	.02959	.93012	.00031	.01242
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14533	.33644	-.00110	.00099	-.00675	.0029	.03678	2.9716
Stddev	.00075	.00735	.00112	.00112	.00119	.0020	.00004	.1987
%RSD	.51711	2.1842	101.96	112.28	17.603	68.66	.10529	6.6868
#1	.14586	.34163	-.00189	.00020	-.00759	.0044	.03681	3.1121
#2	.14480	.33124	-.00031	.00178	-.00591	.0015	.03675	2.8311

Sample Name: J5197-02DUP Acquired: 10/12/2018 16:14:24 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7296
 Stddev .2774
 %RSD 16.037

#1 1.9257
 #2 1.5334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.1	49535.	5086.8	109.74	3670.0
Stddev	19.1	45.	50.4	1.10	16.8
%RSD	.51590	.09086	.99031	.99872	.45822

#1	3697.6	49504.	5051.2	110.52	3658.1
#2	3724.7	49567.	5122.4	108.97	3681.9

Sample Name: J5197-02MS Acquired: 10/12/2018 16:22:36 Type: Unk
Method: P4-ICP2(v2493) 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	.79020	1.8539	.96411	1.9662	.82480	2.0834	.33339	.19509	.19601
Stddev	.00481	.0038	.00400	.0042	.00008	.0325	.00673	.00031	.00014
%RSD	.60821	.20711	.41469	.21245	.00935	1.5575	2.0182	.16127	.07101

#1	.78680	1.8512	.96128	1.9691	.82485	2.1063	.33815	.19487	.19591
#2	.79360	1.8567	.96694	1.9632	.82474	2.0605	.32863	.19531	.19611

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.211	.39704	.20282	.30329	2.9789	.75160	6.5183	.49275	.06852
Stddev	.261	.00134	.00038	.00046	.0782	.00095	.0687	.00088	.00097
%RSD	1.7129	.33631	.18919	.15232	2.6266	.12640	1.0541	.17875	1.4156

#1	15.395	.39609	.20255	.30296	3.0342	.75093	6.5669	.49212	.06920
#2	15.027	.39798	.20309	.30362	2.9236	.75228	6.4697	.49337	.06783

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	299.10	.30524	.22224	11.157	.43690	.30662	.13937	1.2978	.73585
Stddev	.79	.00022	.00570	.161	.00065	.00192	.00196	.0162	.00703
%RSD	.26362	.07365	2.5643	1.4445	.14786	.62614	1.4036	1.2460	.95495

#1	298.54	.30540	.22627	11.271	.43644	.30527	.14075	1.3092	.73088
#2	299.65	.30508	.21821	11.043	.43735	.30798	.13799	1.2864	.74082

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21822	.21373	5.999	.23597	1.7393	1.7586
Stddev	.00149	.00234	.031	.00417	.4068	.1141
%RSD	.68505	1.0954	.5167	1.7657	23.391	6.4892

#1	.21928	.21539	5.977	.23891	1.4517	1.8392
#2	.21716	.21208	6.021	.23302	2.0270	1.6779

Sample Name: J5197-02MS Acquired: 10/12/2018 16:22:36 Type: Unk
Method: P4-ICP2(v2493) 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	3716.9	49841.	4974.7	108.29	3680.7
Stddev	10.8	60.	52.7	2.45	4.1
%RSD	.29181	.12039	1.0596	2.2625	.11118
#1	3709.2	49883.	4937.4	106.56	3683.6
#2	3724.5	49798.	5012.0	110.02	3677.8

Sample Name: J5197-02LX5 Acquired: 10/12/2018 16:28:42 Type: Unk
Method: P4-ICP2(v2493) 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	-.00046	.00113	.00043	-.00258	-.00100	.01953	.02676	.00005
Stddev	.00440	.00016	.00011	.00055	.00145	.00029	.00035	.00002
%RSD	953.02	14.393	26.400	21.223	145.17	1.4759	1.3060	37.113

#1	.00265	.00101	.00035	-.00219	-.00202	.01933	.02651	.00007
#2	-.00357	.00124	.00051	-.00297	.00003	.01974	.02701	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	3.0455	-.00058	.00066	.00194	.00061	.12033	.93291
Stddev	.00009	.0200	.00031	.00021	.00028	.00045	.00075	.06557
%RSD	796.86	.65681	53.822	32.156	14.362	74.003	.62567	7.0281

#1	-.00007	3.0597	-.00081	.00082	.00175	.00029	.11980	.97927
#2	.00005	3.0314	-.00036	.00051	.00214	.00092	.12086	.88654

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.00019	63.984	-.00068	.00652	.19075	.00048	.00279
Stddev	.00019	.00035	.324	.00050	.00005	.01508	.00018	.00813
%RSD	26.978	181.92	.50627	74.129	.71998	7.9041	37.682	291.52

#1	.00084	.00005	64.213	-.00104	.00655	.20141	.00035	.00853
#2	.00057	-.00044	63.755	-.00032	.00648	.18009	.00061	-.00296

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.07643	-.00149	.00084	-.00700	-.0027	.00760	2.5567
Stddev	.00180	.00397	.00029	.00246	.00013	.0006	.00014	.1788
%RSD	668.66	5.1889	19.347	293.69	1.9286	23.91	1.8949	6.9944

#1	.00154	.07362	-.00128	-.00090	-.00690	-.0031	.00770	2.4302
#2	-.00100	.07923	-.00169	.00258	-.00709	-.0022	.00749	2.6831

Sample Name: J5197-02LX5 Acquired: 10/12/2018 16:28:42 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2558
Stddev	.1147
%RSD	9.1299

#1	1.1748
#2	1.3369

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3808.0	50964.	5033.9	110.93	3927.9
Stddev	4.4	95.	26.4	1.02	1.3
%RSD	.11428	.18696	.52395	.91664	.03353

#1	3804.9	50896.	5015.2	111.65	3928.8
#2	3811.1	51031.	5052.5	110.22	3926.9

Sample Name: CCV05 Acquired: 10/12/2018 16:32:42 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7470	4.6730	4.7870	4.7877	4.8255	9.6280	9.5989	.23589
Stddev	.0099	.0109	.0114	.0056	.0077	.0705	.0503	.00142
%RSD	.20919	.23264	.23802	.11782	.15911	.73239	.52455	.60028

#1	4.7541	4.6653	4.7790	4.7837	4.8309	9.6778	9.6345	.23690
#2	4.7400	4.6807	4.7951	4.7916	4.8201	9.5781	9.5633	.23489

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3686	24.728	.93354	2.3591	1.1986	4.5968	2.3951	23.691
Stddev	.0021	.060	.00805	.0040	.0027	.0096	.0250	.050
%RSD	.08740	.24130	.86284	.16834	.22949	.20977	1.0423	.21046

#1	2.3672	24.770	.93924	2.3563	1.2006	4.5900	2.4127	23.656
#2	2.3701	24.685	.92785	2.3619	1.1967	4.6037	2.3774	23.727

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3480	1.1608	23.408	2.3598	2.3880	24.033	4.8413	4.8333
Stddev	.0010	.0091	.124	.0199	.0112	.167	.0087	.0142
%RSD	.04405	.78366	.53138	.84259	.46929	.69686	.18003	.29408

#1	2.3473	1.1672	23.496	2.3738	2.3960	24.152	4.8475	4.8434
#2	2.3488	1.1544	23.320	2.3457	2.3801	23.915	4.8352	4.8233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6060	4.8090	4.7083	4.7603	5.1404	4.819	4.7816	F 2.1509
Stddev	.0160	.0111	.0019	.0109	.0267	.005	.0279	.6084
%RSD	.34734	.23054	.04118	.22889	.52017	.0950	.58327	28.287

#1	4.6173	4.8168	4.7069	4.7680	5.1593	4.822	4.8013	2.5812
#2	4.5947	4.8011	4.7096	4.7526	5.1215	4.816	4.7619	1.7207

Sample Name: CCV05 Acquired: 10/12/2018 16:32:42 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9077
Stddev	.0683
%RSD	2.3508

#1	2.8594
#2	2.9561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3740.4	50595.	4978.1	106.85	3744.1
Stddev	4.9	652.	18.5	.42	6.2
%RSD	.13201	1.2896	.37090	.38863	.16462

#1	3736.9	50134.	4965.1	106.56	3748.5
#2	3743.9	51057.	4991.2	107.15	3739.8

Sample Name: CCB05 Acquired: 10/12/2018 16:36:27 Type: Unk
 Method: P4-ICP2(v2493) 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	-.00107	.00004	.00149	-.00105	-.00205	-.00238	-.00092
Stddev	.00269	.00020	.00004	.00204	.00035	.00604	.00013
%RSD	250.79	516.09	2.8523	193.52	16.793	253.24	13.885

#1	-.00298	.00018	.00152	.00039	-.00181	.00188	-.00101
#2	.00083	-.00010	.00146	-.00249	-.00230	-.00665	-.00083

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00004	-.02140	-.00011	-.00003	.00019	-.00550
Stddev	.00003	.00001	.00067	.00010	.00003	.00015	.00361
%RSD	214.23	31.252	3.1212	86.850	86.250	78.093	65.613

#1	.00001	-.00003	-.02092	-.00018	-.00005	.00009	-.00805
#2	-.00004	-.00005	-.02187	-.00004	-.00001	.00030	-.00295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.04071	.00058	-.00009	-.10792	-.00053	.00028
Stddev	.00006	.00023	.00004	.00022	.00395	.00005	.00002
%RSD	44.562	.56682	6.5207	243.75	3.6592	8.8825	6.7137

#1	.00016	-.04088	.00061	-.00025	-.11071	-.00049	.00029
#2	.00009	-.04055	.00055	.00007	-.10513	-.00056	.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03526	.00043	-.00497	F -.03704	-.00258	-.00155	.00000
Stddev	.01956	.00002	.00138	.00052	.00072	.00013	.00121
%RSD	55.484	5.3303	27.744	1.4148	27.878	8.5865	1897200.

#1	-.04909	.00042	-.00594	-.03741	-.00207	-.00164	-.00086
#2	-.02143	.00045	-.00399	-.03667	-.00309	-.00145	.00086

Sample Name: CCB05 Acquired: 10/12/2018 16:36:27 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00603	-0.0022	.00001	F .54165	F .79849
Stddev	.00110	.0017	.00007	.19295	.39989
%RSD	18.244	80.53	1144.8	35.622	50.081

#1	-0.00525	-0.0034	-0.00004	.40521	.51573
#2	-0.00681	-0.0009	.00005	.67808	1.0813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.3	53119.	5083.8	113.29	4206.6
Stddev	2.8	4.	35.1	2.40	6.0
%RSD	.07193	.00809	.69077	2.1221	.14183

#1	3915.3	53116.	5108.6	111.59	4202.4
#2	3919.3	53122.	5059.0	114.99	4210.8

Sample Name: J5197-02MSD Acquired: 10/12/2018 16:40:31 Type: Unk
Method: P4-ICP2(v2493) 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	-.00139	-.00029	.00106	-.00359	-.00138	.02119	.02610	.00005
Stddev	.00120	.00031	.00047	.00154	.00044	.00881	.00090	.00000
%RSD	86.812	108.41	44.788	42.916	32.103	41.597	3.4316	2.1363

#1	-.00054	-.00051	.00072	-.00250	-.00107	.01496	.02674	.00005
#2	-.00224	-.00007	.00139	-.00467	-.00169	.02742	.02547	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	2.9848	-.00043	.00082	.00199	.01266	.11944	.90792
Stddev	.00005	.0041	.00028	.00005	.00023	.00351	.00002	.05736
%RSD	160.12	.13832	64.736	6.0981	11.752	27.756	.01711	6.3181

#1	.00007	2.9819	-.00023	.00086	.00216	.01515	.11945	.86736
#2	-.00000	2.9877	-.00063	.00079	.00183	.01018	.11942	.94849

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	-.00043	64.464	-.00039	.00647	.18234	.00016	-.00038
Stddev	.00001	.00028	.038	.00028	.00032	.02515	.00021	.00874
%RSD	1.6084	66.110	.05919	71.263	4.8773	13.791	129.38	2312.4

#1	.00079	-.00063	64.491	-.00059	.00670	.20012	.00001	-.00656
#2	.00077	-.00023	64.437	-.00019	.00625	.16456	.00031	.00581

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	.07242	-.00282	.00006	-.00517	-.0011	.00762	1.3014
Stddev	.00227	.00002	.00092	.00138	.00025	.0000	.00001	.0546
%RSD	119.15	.02563	32.473	2263.0	4.8438	2.196	.18852	4.1961

#1	-.00030	.07241	-.00218	-.00091	-.00500	-.0010	.00763	1.2628
#2	-.00351	.07244	-.00347	.00104	-.00535	-.0011	.00761	1.3400

Sample Name: J5197-02MSD Acquired: 10/12/2018 16:40:31 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.83626
Stddev	.05754
%RSD	6.8809

#1	.79557
#2	.87695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.7	51445.	5055.0	110.79	3931.3
Stddev	3.1	132.	33.8	4.20	2.3
%RSD	.08037	.25644	.66800	3.7940	.05934

#1	3823.8	51351.	5031.1	107.82	3929.7
#2	3819.5	51538.	5078.8	113.76	3933.0

Sample Name: J5197-02A Acquired: 10/12/2018 16:44:34 Type: Unk
Method: P4-ICP2(v2493) 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	-.00010	.00089	-.00111	-.00290	.01682	.02590	.00005
Stddev	.00063	.00108	.00010	.00393	.00017	.01157	.00091	.00006
%RSD	95.980	1090.9	10.975	354.12	5.7284	68.801	3.5257	123.81

#1	.00021	-.00086	.00096	.00167	-.00278	.02500	.02525	.00001
#2	.00111	.00067	.00083	-.00389	-.00302	.00864	.02654	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	2.9906	-.00040	.00089	.00167	-.00421	.11881	.89137
Stddev	.00003	.0175	.00022	.00009	.00034	.00950	.00101	.00258
%RSD	3386.4	.58651	55.762	10.580	20.167	225.79	.85076	.28892

#1	-.00002	2.9782	-.00056	.00096	.00143	-.01092	.11953	.88955
#2	.00002	3.0030	-.00024	.00083	.00191	.00251	.11810	.89319

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00061	64.048	-.00044	.00646	.18117	.00029	-.00140
Stddev	.00006	.00006	.462	.00027	.00010	.01518	.00016	.00726
%RSD	7.1148	9.9329	.72143	59.772	1.6061	8.3771	53.846	518.21

#1	.00085	-.00065	63.721	-.00026	.00654	.17044	.00018	.00373
#2	.00094	-.00057	64.374	-.00063	.00639	.19190	.00040	-.00653

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	.06870	-.00153	-.00108	-.00604	-.0007	.00770	1.2926
Stddev	.00042	.00200	.00029	.00023	.00012	.0000	.00002	.2452
%RSD	20.274	2.9133	18.947	21.280	2.0354	2.554	.28890	18.971

#1	-.00176	.06729	-.00132	-.00124	-.00596	-.0007	.00769	1.1192
#2	-.00235	.07012	-.00173	-.00091	-.00613	-.0007	.00772	1.4660

Sample Name: J5197-02A Acquired: 10/12/2018 16:44:34 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1740
Stddev	.1238
%RSD	10.547

#1	1.0865
#2	1.2616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.1	51602.	5105.9	110.93	3987.2
Stddev	5.2	102.	36.9	1.04	51.3
%RSD	.13646	.19773	.72323	.93650	1.2870

#1	3847.8	51530.	5132.0	111.66	4023.5
#2	3840.4	51674.	5079.7	110.19	3950.9

Sample Name: J5193-02 Acquired: 10/12/2018 16:48:47 Type: Unk
Method: P4-ICP2(v2493) 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	.00320	-.00256	.00284	.00031	-.00413	.06402	.09009	.00010
Stddev	.00014	.00078	.00048	.00037	.00079	.00224	.00064	.00007
%RSD	4.4464	30.389	16.761	120.85	19.037	3.4940	.70876	68.657

#1	.00330	-.00201	.00250	.00057	-.00357	.06244	.09054	.00015
#2	.00310	-.00312	.00317	.00004	-.00469	.06560	.08963	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	83.534	-.00019	.00060	.00424	.02048	.19946	5.4690
Stddev	.00001	.367	.00023	.00004	.00049	.01823	.00023	.0101
%RSD	12.129	.43882	117.28	6.4941	11.500	89.051	.11290	.18526

#1	-.00011	83.794	-.00035	.00063	.00389	.00758	.19930	5.4761
#2	-.00009	83.275	-.00003	.00057	.00458	.03337	.19962	5.4618

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	-.00020	296.68	.00022	.02702	1.4474	.00020	.03154
Stddev	.00016	.00026	.65	.00018	.00021	.0121	.00024	.01155
%RSD	12.176	128.87	.21845	80.184	.77199	.83472	121.43	36.620

#1	.00119	-.00002	296.23	.00010	.02687	1.4388	.00036	.02338
#2	.00141	-.00039	297.14	.00035	.02716	1.4559	.00003	.03971

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5132	2.2684	-.00147	-.00385	-.00397	.0034	.33286	5.0762
Stddev	.0028	.0005	.00062	.00066	.00047	.0006	.00133	.3035
%RSD	.18213	.02383	42.003	17.230	11.879	16.82	.39924	5.9796

#1	1.5152	2.2687	-.00191	-.00432	-.00430	.0030	.33379	5.2909
#2	1.5113	2.2680	-.00103	-.00338	-.00363	.0038	.33192	4.8616

Sample Name: J5193-02 Acquired: 10/12/2018 16:48:47 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9677
Stddev .0610
%RSD 2.0549

#1 2.9246
#2 3.0108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.7	48814.	5018.0	106.19	3654.4
Stddev	6.3	259.	3.2	1.14	6.8
%RSD	.17391	.53117	.06444	1.0762	.18565

#1	3644.2	48630.	5020.3	107.00	3649.6
#2	3635.3	48997.	5015.7	105.38	3659.2

Sample Name: J5199-04 Acquired: 10/12/2018 16:52:54 Type: Unk
Method: P4-ICP2(v2493) 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	-.00076	-.00270	.00383	.00025	-.00270	.15010	.08437	-.00001
Stddev	.00033	.00016	.00036	.00098	.00173	.00081	.00010	.00010
%RSD	43.743	6.0672	9.4814	387.49	64.077	.54296	.11783	947.41

#1	-.00100	-.00282	.00357	.00095	-.00147	.14952	.08444	-.00008
#2	-.00053	-.00259	.00409	-.00044	-.00392	.15068	.08430	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	22.926	-.00067	.00308	.00667	.26175	.70168	2.8439
Stddev	.00002	.205	.00018	.00004	.00010	.00526	.00314	.0459
%RSD	35.597	.89418	27.659	1.2185	1.5427	2.0081	.44817	1.6153

#1	.00009	22.781	-.00080	.00305	.00674	.25803	.69946	2.8114
#2	.00005	23.071	-.00054	.00310	.00660	.26546	.70390	2.8763

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	-.00054	355.79	-.00003	.02751	2.5049	.00026	.01557
Stddev	.00005	.00059	3.38	.00015	.00033	.0096	.00005	.00422
%RSD	2.1222	107.64	.95070	519.34	1.1851	.38334	19.422	27.073

#1	.00216	-.00013	353.39	-.00013	.02728	2.4981	.00023	.01855
#2	.00209	-.00096	358.18	.00008	.02774	2.5117	.00030	.01259

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20379	.64782	-.00132	.00098	-.00497	.0222	.06667	3.8554
Stddev	.00392	.00989	.00028	.00272	.00087	.0005	.00044	.7184
%RSD	1.9241	1.5272	21.372	276.95	17.512	2.350	.66573	18.634

#1	.20102	.64083	-.00112	-.00094	-.00435	.0218	.06636	3.3474
#2	.20656	.65482	-.00152	.00291	-.00558	.0225	.06698	4.3634

Sample Name: J5199-04 Acquired: 10/12/2018 16:52:54 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7147
 Stddev .2499
 %RSD 9.2065

#1 2.8915
 #2 2.5380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3676.3	48968.	5064.3	109.89	3669.0
Stddev	3.0	90.	55.1	1.17	9.2
%RSD	.08287	.18456	1.0884	1.0617	.25021

#1	3674.2	48905.	5103.3	110.72	3662.5
#2	3678.5	49032.	5025.4	109.07	3675.5

Sample Name: J5205-04 Acquired: 10/12/2018 16:57:02 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00119	.00329	.00053	-.00371	.14489	.10253	-.00004
Stddev	.00148	.00014	.00052	.00085	.00052	.00836	.00074	.00005
%RSD	126.11	11.517	15.773	160.09	14.042	5.7714	.72637	118.31

#1	-.00013	-.00129	.00366	-.00007	-.00334	.13898	.10200	-.00001
#2	-.00222	-.00109	.00292	.00114	-.00408	.15081	.10305	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	8.5172	.00021	-.00005	.00623	.04452	.06989	1.6915
Stddev	.00002	.0426	.00002	.00013	.00008	.00875	.00054	.0591
%RSD	164.44	.50018	10.664	274.55	1.2956	19.644	.77737	3.4918

#1	-.00000	8.4871	.00019	.00004	.00629	.03834	.07028	1.6498
#2	.00003	8.5474	.00022	-.00014	.00618	.05070	.06951	1.7333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00049	304.07	.00025	.03060	.94217	.00020	.00671
Stddev	.00021	.00012	2.82	.00039	.00030	.00349	.00017	.00867
%RSD	88.841	23.529	.92759	155.46	.96692	.37003	85.012	129.30

#1	.00009	-.00057	306.06	-.00002	.03039	.93971	.00032	.01284
#2	.00038	-.00041	302.07	.00052	.03081	.94464	.00008	.00057

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06912	.34317	-.00182	.00396	-.00488	.2955	.03540	3.1682
Stddev	.00626	.00198	.00143	.00022	.00131	.0000	.00009	.3645
%RSD	9.0503	.57774	78.793	5.6526	26.828	.0075	.24324	11.504

#1	.06470	.34457	-.00283	.00380	-.00396	.2955	.03546	3.4259
#2	.07354	.34177	-.00081	.00412	-.00581	.2955	.03534	2.9105

Sample Name: J5205-04 Acquired: 10/12/2018 16:57:02 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3511
 Stddev .1482
 %RSD 6.3034

#1 2.2463
 #2 2.4559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.0	49588.	5045.7	111.20	3723.4
Stddev	4.9	232.	25.0	.40	4.6
%RSD	.13176	.46799	.49540	.36034	.12421

#1	3683.5	49424.	5028.0	111.48	3720.1
#2	3690.4	49752.	5063.4	110.92	3726.6

Sample Name: J5392-02 Acquired: 10/12/2018 17:01:12 Type: Unk
Method: P4-ICP2(v2493) 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	.00365	-.00385	.00190	.00253	-.00394	.01184	.30190	-.00001
Stddev	.00392	.00018	.00012	.00014	.00086	.01824	.00010	.00011
%RSD	107.45	4.7207	6.2196	5.6579	21.835	154.08	.03449	744.38

#1	.00088	-.00398	.00182	.00263	-.00454	.02473	.30182	-.00009
#2	.00641	-.00372	.00198	.00242	-.00333	-.00106	.30197	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	126.36	-.00086	.00085	.00062	-.03141	1.5934	2.2850
Stddev	.00006	1.10	.00017	.00011	.00029	.00364	.0062	.0172
%RSD	20.326	.86872	19.478	13.490	47.035	11.585	.38873	.75471

#1	.00031	125.59	-.00074	.00093	.00041	-.03398	1.5978	2.2972
#2	.00023	127.14	-.00097	.00077	.00083	-.02883	1.5891	2.2728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	-.00059	255.87	-.00029	.01811	.63519	.00091	.00228
Stddev	.00031	.00049	.04	.00092	.00029	.01118	.00009	.01231
%RSD	14.065	82.963	.01384	322.45	1.6134	1.7607	10.246	539.93

#1	.00199	-.00094	255.90	-.00094	.01831	.62728	.00098	-.00642
#2	.00243	-.00024	255.85	.00037	.01790	.64309	.00085	.01098

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13507	.39431	-.00100	-.00309	-.00165	.0010	.29644	7.4839
Stddev	.00335	.00773	.00087	.00006	.00009	.0013	.00000	.2517
%RSD	2.4819	1.9606	86.429	1.9516	5.3262	133.4	.00100	3.3629

#1	.13744	.38884	-.00039	-.00313	-.00158	.0019	.29644	7.6618
#2	.13270	.39977	-.00162	-.00305	-.00171	.0001	.29644	7.3059

Sample Name: J5392-02 Acquired: 10/12/2018 17:01:12 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6828
 Stddev .5633
 %RSD 15.296

#1 3.2845
 #2 4.0812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3628.0	48543.	4948.0	109.44	3658.8
Stddev	3.4	133.	25.8	2.09	12.9
%RSD	.09245	.27400	.52239	1.9128	.35300

#1	3630.4	48449.	4966.2	107.96	3649.6
#2	3625.6	48637.	4929.7	110.92	3667.9

Sample Name: J5395-02 Acquired: 10/12/2018 17:05:21 Type: Unk
Method: P4-ICP2(v2493) 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	-.00056	-.00206	.21147	-.00481	-.00246	.04326	.10027	.00007
Stddev	.00140	.00053	.00136	.00128	.00161	.00113	.00002	.00006
%RSD	249.94	25.940	.64296	26.649	65.679	2.6081	.01962	95.027

#1	-.00156	-.00244	.21243	-.00391	-.00360	.04247	.10026	.00002
#2	.00043	-.00168	.21050	-.00572	-.00132	.04406	.10029	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	33.559	-.00060	.00587	-.00683	18.348	.69065	.84477
Stddev	.00003	.046	.00021	.00017	.00070	.223	.00038	.00727
%RSD	6.1588	.13625	34.732	2.9363	10.194	1.2154	.05443	.86068

#1	-.00048	33.526	-.00074	.00600	-.00732	18.506	.69091	.84991
#2	-.00044	33.591	-.00045	.00575	-.00633	18.191	.69038	.83963

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01908	-.00073	283.89	-.00025	1.5412	.59219	-.00069	.01947
Stddev	.00052	.00009	2.76	.00008	.0024	.00104	.00040	.00357
%RSD	2.7079	11.932	.97306	31.801	.15486	.17508	57.499	18.341

#1	.01944	-.00080	281.93	-.00030	1.5395	.59293	-.00097	.02200
#2	.01871	-.00067	285.84	-.00019	1.5428	.59146	-.00041	.01695

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3779	.51641	-.00347	-.00297	.00139	.0204	.09881	<.00000
Stddev	.0139	.00133	.00045	.00005	.00190	.0025	.00012	.24811
%RSD	.21827	.25739	12.942	1.8310	136.62	12.02	.12195	161.65

#1	6.3878	.51547	-.00379	-.00301	.00005	.0222	.09873	-.32893
#2	6.3681	.51735	-.00316	-.00293	.00274	.0187	.09890	.02196

Sample Name: J5395-02 Acquired: 10/12/2018 17:05:21 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.4888
Stddev	.0116
%RSD	.15437

#1	7.4970
#2	7.4806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.7	49106.	5014.9	109.15	3730.0
Stddev	14.4	109.	61.5	.09	8.0
%RSD	.38938	.22111	1.2267	.08098	.21543

#1	3693.5	49030.	5058.4	109.22	3724.4
#2	3713.9	49183.	4971.4	109.09	3735.7

Sample Name: J5450-03 Acquired: 10/12/2018 17:09:27 Type: Unk
 Method: P4-ICP2(v2493) 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	-.00289	-.00153	.00388	.00266	-.00152	.11321	.05115	-.00002
Stddev	.00013	.00075	.00115	.00232	.00069	.00372	.00009	.00006
%RSD	4.4391	49.374	29.522	87.205	45.554	3.2896	.16860	282.41

#1	-.00298	-.00206	.00307	.00102	-.00201	.11058	.05121	.00002
#2	-.00280	-.00099	.00469	.00430	-.00103	.11585	.05109	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	3.4244	.00023	.00136	.00345	.50846	.07756	.55239
Stddev	.00007	.0107	.00026	.00019	.00030	.00634	.00007	.00312
%RSD	56.762	.31290	113.03	13.832	8.8271	1.2467	.09197	.56482

#1	-.00017	3.4319	.00041	.00150	.00324	.51294	.07761	.55018
#2	-.00007	3.4168	.00005	.00123	.00367	.50397	.07750	.55459

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	-.00035	290.44	-.00035	.03397	.74479	-.00008	.01776
Stddev	.00043	.00065	3.07	.00003	.00070	.00589	.00002	.01912
%RSD	21.051	186.18	1.0566	7.7163	2.0716	.79142	29.338	107.66

#1	.00235	.00011	292.61	-.00033	.03447	.74896	-.00010	.00424
#2	.00174	-.00081	288.27	-.00037	.03347	.74062	-.00007	.03128

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08409	.38718	-.00230	.00220	-.00518	-.0001	.02438	2.8669
Stddev	.00175	.00133	.00042	.00160	.00049	.0010	.00003	.1570
%RSD	2.0779	.34232	18.066	72.653	9.4745	1248.	.13383	5.4756

#1	.08532	.38812	-.00259	.00333	-.00553	-.0008	.02435	2.7559
#2	.08285	.38625	-.00201	.00107	-.00483	.0007	.02440	2.9779

Sample Name: J5450-03 Acquired: 10/12/2018 17:09:27 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7555
Stddev .0250
%RSD .90782

#1 2.7378
#2 2.7732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.0	49430.	5019.5	108.94	3781.1
Stddev	4.8	84.	19.8	2.43	18.2
%RSD	.13014	.17005	.39367	2.2285	.48049

#1	3715.6	49371.	5005.5	107.23	3768.3
#2	3722.5	49490.	5033.5	110.66	3794.0

Sample Name: J5450-04 Acquired: 10/12/2018 17:13:37 Type: Unk
Method: P4-ICP2(v2493) 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	-.00155	-.00273	.00254	.00017	-.00272	.01321	.31044	.00002
Stddev	.00144	.00024	.00009	.00108	.00045	.01086	.00001	.00003
%RSD	93.176	8.8257	3.6268	628.57	16.413	82.200	.00390	169.88

#1	-.00053	-.00290	.00248	-.00059	-.00303	.02089	.31043	-.00000
#2	-.00256	-.00256	.00261	.00094	-.00240	.00553	.31045	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	15.780	.00012	.00011	-.00021	.00807	.50038	3.2933
Stddev	.00005	.071	.00036	.00006	.00026	.00323	.00279	.0065
%RSD	114.04	.44994	308.49	58.851	125.42	39.947	.55765	.19817

#1	-.00001	15.830	.00037	.00006	-.00039	.01035	.49841	3.2887
#2	-.00007	15.729	-.00014	.00015	-.00002	.00579	.50235	3.2980

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00011	269.83	-.00069	.11927	.96401	-.00004	.05913
Stddev	.00011	.00015	3.15	.00001	.00025	.00803	.00023	.00149
%RSD	13.392	142.93	1.1669	1.0193	.21195	.83298	511.24	2.5196

#1	.00076	-.00021	272.05	-.00069	.11909	.95834	.00012	.06018
#2	.00092	.00000	267.60	-.00070	.11945	.96969	-.00020	.05808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27834	1.1990	-.00085	-.00178	.00512	.0094	.18291	3.8540
Stddev	.00050	.0124	.00121	.00014	.00107	.0007	.00023	.1513
%RSD	.17904	1.0376	142.17	7.8546	20.945	7.945	.12835	3.9269

#1	.27869	1.2078	.00000	-.00188	.00436	.0100	.18275	3.7470
#2	.27799	1.1902	-.00171	-.00168	.00588	.0089	.18308	3.9610

Sample Name: J5450-04 Acquired: 10/12/2018 17:13:37 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7163
 Stddev .1396
 %RSD 5.1384

#1 2.6176
 #2 2.8150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.5	49383.	4990.3	109.76	3739.3
Stddev	7.1	236.	18.4	.28	19.1
%RSD	.19265	.47884	.36854	.25770	.51092

#1	3698.5	49550.	4977.3	109.96	3725.8
#2	3708.6	49216.	5003.3	109.56	3752.8

Sample Name: J5455-03 Acquired: 10/12/2018 17:17:46 Type: Unk
Method: P4-ICP2(v2493) 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	-.00577	-.00267	.08067	-.00009	-.00175	.04336	.10758	-.00005
Stddev	.00012	.00023	.00022	.00085	.00038	.00124	.00000	.00003
%RSD	2.1436	8.7344	.26945	894.37	21.482	2.8487	.00360	67.624

#1	-.00586	-.00251	.08052	.00051	-.00148	.04248	.10758	-.00003
#2	-.00568	-.00284	.08083	-.00070	-.00201	.04423	.10757	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.71113	.00361	.00031	.10214	2.0497	.02415	.08121
Stddev	.00004	.00159	.00006	.00003	.00060	.0430	.00005	.02611
%RSD	4.6811	.22359	1.7364	8.2507	.58865	2.0966	.21016	32.149

#1	.00080	.71225	.00357	.00030	.10257	2.0801	.02418	.09967
#2	.00075	.71000	.00365	.00033	.10172	2.0193	.02411	.06275

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00663	-.00046	269.05	-.00050	2.2340	.29160	-.00003	.02755
Stddev	.00016	.00012	1.32	.00003	.0474	.06918	.00013	.01367
%RSD	2.4066	26.052	.48992	6.2939	2.1230	23.725	491.14	49.621

#1	.00674	-.00038	269.98	-.00052	2.2676	.24268	.00007	.03722
#2	.00651	-.00055	268.12	-.00047	2.2005	.34052	-.00012	.01789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23534	.06491	-.00180	-.00072	-.00663	.0002	.00372	2.0978
Stddev	.00232	.00203	.00042	.00011	.00003	.0036	.00009	1.2330
%RSD	.98594	3.1293	23.302	14.696	.51246	1504.	2.2925	58.777

#1	.23699	.06635	-.00210	-.00064	-.00666	-.0023	.00378	1.2259
#2	.23370	.06348	-.00151	-.00079	-.00661	.0028	.00366	2.9696

Sample Name: J5455-03 Acquired: 10/12/2018 17:17:46 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6536
 Stddev .1448
 %RSD 5.4554

#1 2.5513
 #2 2.7560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3720.0	49684.	5101.5	111.25	3778.3
Stddev	8.8	156.	15.4	2.36	18.6
%RSD	.23743	.31414	.30286	2.1187	.49242

#1	3713.7	49574.	5090.6	109.58	3765.1
#2	3726.2	49795.	5112.5	112.92	3791.4

Sample Name: CCV06 Acquired: 10/12/2018 17:30:20 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7561	4.7060	4.7768	4.8012	4.8002	9.5398	9.5644	.23817
Stddev	.0016	.0196	.0198	.0253	.0025	.0006	.0237	.00080
%RSD	.03352	.41602	.41378	.52712	.05283	.00677	.24811	.33666

#1	4.7572	4.7198	4.7907	4.8191	4.7984	9.5393	9.5476	.23761
#2	4.7550	4.6921	4.7628	4.7833	4.8020	9.5402	9.5812	.23874

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3821	24.069	.94907	2.3710	1.2010	4.6618	2.4112	23.751
Stddev	.0056	.092	.00355	.0058	.0005	.0674	.0005	.110
%RSD	.23695	.38162	.37360	.24415	.04354	1.4449	.02008	.46147

#1	2.3861	24.004	.94656	2.3751	1.2014	4.6142	2.4115	23.673
#2	2.3781	24.134	.95157	2.3669	1.2007	4.7094	2.4108	23.828

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3630	1.1846	23.545	2.3895	2.4231	23.870	4.8268	4.8406
Stddev	.0071	.0014	.107	.0020	.0498	.078	.0056	.0249
%RSD	.30047	.11669	.45514	.08337	2.0534	.32541	.11512	.51457

#1	2.3681	1.1837	23.469	2.3909	2.3879	23.815	4.8229	4.8582
#2	2.3580	1.1856	23.621	2.3881	2.4583	23.924	4.8307	4.8230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6437	4.7368	4.7633	4.7904	5.1216	4.902	4.7912	F 1.3204
Stddev	.0162	.0088	.0083	.0005	.0225	.008	.0168	.3840
%RSD	.34866	.18563	.17404	.01108	.44013	.1674	.35155	29.079

#1	4.6551	4.7306	4.7692	4.7907	5.1056	4.907	4.7793	1.0489
#2	4.6322	4.7430	4.7574	4.7900	5.1375	4.896	4.8032	1.5919

Sample Name: CCV06 Acquired: 10/12/2018 17:30:20 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5096
Stddev .0575
%RSD 2.2901

#1 2.5502
#2 2.4689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3830.1	51537.	5099.5	107.51	3811.5
Stddev	5.9	98.	8.2	2.00	15.4
%RSD	.15383	.19021	.15987	1.8577	.40483

#1	3826.0	51468.	5105.2	108.92	3800.5
#2	3834.3	51606.	5093.7	106.10	3822.4

Sample Name: CCB06 Acquired: 10/12/2018 17:34:01 Type: Unk
Method: P4-ICP2(v2493) 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	.00012	.00108	.00105	-.00390	-.00148	.00042	-.00157
Stddev	.00315	.00068	.00041	.00151	.00155	.01159	.00027
%RSD	2612.6	63.237	38.792	38.605	104.55	2775.4	16.916

#1	.00235	.00157	.00076	-.00284	-.00039	-.00778	-.00176
#2	-.00211	.00060	.00134	-.00497	-.00257	.00862	-.00138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00004	-.02100	-.00005	.00014	-.00003	-.01851
Stddev	.00002	.00010	.00375	.00005	.00035	.00021	.00289
%RSD	41.269	228.84	17.832	107.46	245.54	697.54	15.608

#1	.00004	.00003	-.01835	-.00001	-.00011	-.00018	-.02055
#2	.00007	-.00012	-.02365	-.00009	.00039	.00012	-.01647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01487	.00074	-.00025	-.10072	-.00060	.00042
Stddev	.00007	.03476	.00044	.00049	.01376	.00042	.00009
%RSD	109.04	233.83	58.752	197.04	13.662	70.012	22.560

#1	.00012	-.03945	.00043	.00010	-.11045	-.00030	.00035
#2	.00002	.00971	.00105	-.00059	-.09099	-.00089	.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01802	.00066	.01032	F -.04011	-.00422	-.00129	-.00050
Stddev	.00421	.00023	.00054	.00228	.00115	.00013	.00037
%RSD	23.349	35.531	5.2017	5.6731	27.309	10.313	73.984

#1	-.01504	.00049	.01070	-.03851	-.00340	-.00119	-.00077
#2	-.02099	.00082	.00994	-.04172	-.00503	-.00138	-.00024

Sample Name: CCB06 Acquired: 10/12/2018 17:34:01 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00432	-0.0023	.00001	F<.00000	F .65553
Stddev	.00126	.0010	.00012	.70549	.14435
%RSD	29.099	41.71	1721.0	357.02	22.021

#1	-0.00343	-0.0017	.00009	-.69646	.55345
#2	-0.00521	-0.0030	-.00008	.30125	.75760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3977.2	53877.	5124.2	112.70	4255.4
Stddev	1.7	252.	73.3	2.40	1.4
%RSD	.04311	.46745	1.4308	2.1332	.03315

#1	3978.4	54055.	5176.0	114.40	4254.4
#2	3975.9	53699.	5072.3	111.00	4256.4

Sample Name: J5457-03 Acquired: 10/12/2018 17:38:05 Type: Unk
Method: P4-ICP2(v2493) 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	.00025	-.00326	.02257	.00043	-.00075	.17049	.08793	.00014
Stddev	.00237	.00045	.00054	.00274	.00025	.00372	.00014	.00001
%RSD	952.49	13.687	2.4009	638.32	32.873	2.1816	.15628	7.6588

#1	.00192	-.00358	.02296	.00236	-.00092	.17312	.08783	.00014
#2	-.00142	-.00295	.02219	-.00151	-.00057	.16786	.08803	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	14.240	-.00016	.00422	.01368	.05803	.27255	1.9760
Stddev	.00004	.098	.00034	.00033	.00034	.00091	.00029	.0389
%RSD	12.124	.68548	217.95	7.8844	2.4996	1.5758	.10746	1.9667

#1	.00027	14.171	.00008	.00445	.01344	.05738	.27276	1.9485
#2	.00032	14.309	-.00040	.00398	.01392	.05868	.27234	2.0035

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00638	-.00030	348.19	.00015	.15290	1.4697	.00027	.04345
Stddev	.00037	.00047	7.10	.00024	.00063	.0468	.00005	.00846
%RSD	5.8352	157.22	2.0398	158.01	.40990	3.1817	17.191	19.469

#1	.00664	.00003	353.21	-.00002	.15334	1.5028	.00023	.03747
#2	.00612	-.00064	343.17	.00032	.15246	1.4366	.00030	.04943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5733	.62985	-.00311	.00206	-.00114	.0094	.05740	3.3865
Stddev	.0054	.00768	.00073	.00099	.00066	.0011	.00040	.4774
%RSD	.15068	1.2192	23.332	48.082	57.338	11.16	.69095	14.096

#1	3.5771	.63528	-.00362	.00275	-.00161	.0087	.05768	3.7240
#2	3.5695	.62442	-.00260	.00136	-.00068	.0102	.05712	3.0489

Sample Name: J5457-03 Acquired: 10/12/2018 17:38:05 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1498
Stddev .0495
%RSD 1.5716

#1 3.1148
#2 3.1848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.9	48925.	5014.5	111.50	3743.8
Stddev	5.0	91.	21.8	.81	16.3
%RSD	.13698	.18603	.43413	.72405	.43628

#1	3678.4	48989.	4999.1	110.93	3732.3
#2	3685.5	48861.	5029.9	112.07	3755.4

Sample Name: J5193-01 Acquired: 10/12/2018 17:42:12 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-101118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17738	-.00636	.10254	-.05061	.00619	113.59	.18839
Stddev	.00574	.00113	.00076	.00820	.00103	.42	.00071
%RSD	3.2335	17.732	.73860	16.202	16.669	.36669	.37453

#1	.17332	-.00556	.10200	-.04481	.00692	113.89	.18889
#2	.18144	-.00716	.10307	-.05641	.00546	113.30	.18789

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00870	-.00748	46.442	.33379	.02872	-.02027	298.02
Stddev	.00012	.00013	.061	.00058	.00007	.00098	1.61
%RSD	1.3375	1.7660	.13212	.17315	.24118	4.8533	.53961

#1	.00862	-.00757	46.485	.33420	.02867	-.02097	299.16
#2	.00878	-.00739	46.398	.33339	.02877	-.01958	296.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51333	25.875	.04271	-.01230	2.1694	.29516	.38256
Stddev	.00042	.008	.00031	.00042	.0070	.00267	.00013
%RSD	.08270	.03098	.73555	3.4213	.32341	.90516	.03331

#1	.51363	25.869	.04294	-.01260	2.1645	.29705	.38265
#2	.51303	25.880	.04249	-.01201	2.1744	.29328	.38247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.885	.01736	.02179	4.1412	4.1326	.00725	.75641
Stddev	.060	.00016	.03035	.0035	.0134	.00147	.00253
%RSD	.20140	.89972	139.29	.08470	.32466	20.231	.33397

#1	29.843	.01725	.04324	4.1437	4.1421	.00621	.75820
#2	29.928	.01747	.00033	4.1387	4.1231	.00829	.75462

Sample Name: J5193-01 Acquired: 10/12/2018 17:42:12 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-01-101118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06133	1.569	.22407	<.00000	F<.00000
Stddev	.00082	.000	.00050	.97198	.10123
%RSD	1.3342	.0053	.22531	1.3115	.16704

#1	.06191	1.569	.22443	-74.801	-60.529
#2	.06075	1.569	.22371	-73.427	-60.672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.3	54624.	5557.6	109.29	3760.5
Stddev	1.7	177.	14.9	.11	6.4
%RSD	.04133	.32339	.26879	.09833	.16960

#1	4048.1	54499.	5568.2	109.21	3756.0
#2	4050.5	54749.	5547.0	109.36	3765.0

Sample Name: J5197-01 Acquired: 10/12/2018 17:46:11 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-101118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05246	-.04250	.24948	-.01477	.00295	121.09	.48193
Stddev	.00133	.00324	.00302	.00133	.00124	1.83	.00215
%RSD	2.5293	7.6263	1.2114	8.9940	41.890	1.5152	.44569

#1	.05152	-.04479	.25161	-.01571	.00382	122.39	.48345
#2	.05340	-.04021	.24734	-.01383	.00208	119.80	.48041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01177	-.00671	40.274	.11597	.13253	-.04190	360.76
Stddev	.00032	.00011	.054	.00190	.00058	.00091	1.01
%RSD	2.6831	1.5993	.13452	1.6407	.43645	2.1639	.28035

#1	.01199	-.00678	40.236	.11731	.13212	-.04255	361.48
#2	.01155	-.00663	40.312	.11462	.13294	-.04126	360.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0146	37.753	.14160	.00279	1.7672	.28012	1.0430
Stddev	.0615	.225	.00068	.00082	.0036	.00645	.0036
%RSD	2.0391	.59694	.47786	29.472	.20477	2.3036	.34623

#1	3.0581	37.912	.14207	.00221	1.7697	.28468	1.0456
#2	2.9712	37.593	.14112	.00337	1.7646	.27556	1.0405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6240	.01091	.10569	3.6810	3.2206	.01357	4.0543
Stddev	.0078	.00010	.00995	.0152	.0655	.00099	.0080
%RSD	.09098	.95104	9.4170	.41238	2.0327	7.2869	.19847

#1	8.6184	.01099	.11273	3.6703	3.2669	.01287	4.0486
#2	8.6295	.01084	.09866	3.6918	3.1743	.01427	4.0600

Sample Name: J5197-01 Acquired: 10/12/2018 17:46:11 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-101118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10263	7.477	.11952	<.00000	F<.00000
Stddev	.00143	.019	.00015	.81769	.24403
%RSD	1.3981	.2492	.12672	.85586	.29877

#1	.10365	7.463	.11941	-94.961	-81.849
#2	.10162	7.490	.11962	-96.118	-81.504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5817.4	77967.	8057.6	107.52	3663.7
Stddev	3.9	1403.	16.6	.50	12.3
%RSD	.06705	1.7997	.20540	.46423	.33638

#1	5820.2	76975.	8045.9	107.17	3672.4
#2	5814.7	78959.	8069.3	107.87	3655.0

Sample Name: J5199-03 Acquired: 10/12/2018 17:50:06 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-101118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03270	-.03119	.23691	-.04206	.00433	143.05	.49243
Stddev	.00216	.00110	.00047	.00295	.00174	.24	.00005
%RSD	6.5909	3.5426	.19908	7.0065	40.295	.16992	.01009

#1	.03118	-.03197	.23724	-.04414	.00310	142.88	.49239
#2	.03423	-.03040	.23657	-.03997	.00556	143.22	.49246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00718	-.00365	102.07	.18602	.15356	.28283	280.89
Stddev	.00007	.00026	.24	.00026	.00035	.00015	3.29
%RSD	1.0292	7.1843	.23637	.13927	.23011	.05186	1.1706

#1	.00723	-.00346	101.90	.18620	.15331	.28294	278.56
#2	.00713	-.00383	102.24	.18583	.15381	.28273	283.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4598	60.889	.22989	-.00633	12.394	.48151	.67057
Stddev	.0017	.226	.00055	.00043	.047	.00265	.00771
%RSD	.05028	.37111	.23786	6.7846	.37912	.55098	1.1497

#1	3.4586	61.049	.22951	-.00664	12.427	.47964	.66512
#2	3.4611	60.729	.23028	-.00603	12.360	.48339	.67602

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.505	.00600	.05431	F 10.370	5.1788	.01301	3.9738
Stddev	.037	.00020	.00442	.047	.0129	.00137	.0222
%RSD	.25590	3.3174	8.1335	.44911	.24990	10.538	.55897

#1	14.531	.00615	.05119	10.337	5.1879	.01204	3.9581
#2	14.478	.00586	.05743	10.403	5.1696	.01398	3.9895

Sample Name: J5199-03 Acquired: 10/12/2018 17:50:06 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-101118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12976	8.656	.30374	<.00000	F<.00000
Stddev	.00031	.052	.00079	.16272	.54071
%RSD	.23652	.6068	.26171	.23907	1.0416

#1	.12954	8.619	.30430	-68.178	-52.292
#2	.12998	8.694	.30318	-67.948	-51.528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4295.7	58196.	6114.6	106.59	3590.7
Stddev	1.5	5.	.5	1.25	3.0
%RSD	.03539	.00843	.00873	1.1704	.08470

#1	4294.6	58199.	6115.0	107.47	3592.9
#2	4296.8	58192.	6114.3	105.70	3588.6

Sample Name: J5205-03 Acquired: 10/12/2018 17:54:02 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-101118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10581	-.01162	.63072	-.05022	.00586	160.03	1.3343
Stddev	.00246	.00103	.00229	.00548	.00002	3.48	.0043
%RSD	2.3261	8.8818	.36311	10.908	.32694	2.1773	.31871

#1	.10407	-.01235	.63234	-.05409	.00587	162.49	1.3373
#2	.10755	-.01089	.62910	-.04634	.00584	157.57	1.3313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01155	-.00381	35.964	.29813	.10403	.16350	291.18
Stddev	.00034	.00086	.039	.00781	.00017	.00268	4.87
%RSD	2.9551	22.561	.10845	2.6209	.16646	1.6370	1.6735

#1	.01179	-.00320	35.991	.30365	.10415	.16539	287.74
#2	.01131	-.00442	35.936	.29260	.10391	.16160	294.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9228	31.850	.17441	-.00734	4.6849	.30749	1.0194
Stddev	.0935	.098	.00013	.00142	.0058	.00604	.0235
%RSD	1.9002	.30843	.07696	19.312	.12315	1.9658	2.3038

#1	4.9890	31.780	.17432	-.00834	4.6889	.31176	1.0028
#2	4.8567	31.919	.17451	-.00634	4.6808	.30322	1.0360

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0203	.00721	-.03212	2.9394	3.9049	.02034	.90932
Stddev	.0322	.00017	.00839	.0331	.0669	.00011	.00067
%RSD	.35682	2.3778	26.122	1.1267	1.7123	.53561	.07320

#1	9.0431	.00733	-.03805	2.9160	3.9522	.02041	.90885
#2	8.9975	.00709	-.02619	2.9628	3.8577	.02026	.90979

Sample Name: J5205-03 Acquired: 10/12/2018 17:54:02 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-101118 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18167	F 16.02	.17993	<.00000	F<.00000
Stddev	.00037	.05	.00040	.09982	.17079
%RSD	.20572	.3059	.22391	.13121	.28073

#1	.18194	15.98	.18021	-76.149	-60.718
#2	.18141	16.05	.17964	-76.008	-60.960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4270.1	58584.	5985.3	111.47	3729.7
Stddev	12.8	934.	12.6	2.16	8.8
%RSD	.30008	1.5944	.21126	1.9368	.23517

#1	4261.0	57923.	5994.3	113.00	3723.5
#2	4279.1	59244.	5976.4	109.94	3735.9

Sample Name: J5375-01 Acquired: 10/12/2018 17:58:03 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180688-KM- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15394	-.01993	.80246	-.03628	.00821	133.09	.55771
Stddev	.00213	.00210	.00161	.00190	.00185	.04	.00279
%RSD	1.3866	10.560	.20116	5.2402	22.506	.03106	.49978

#1	.15243	-.01844	.80132	-.03763	.00690	133.12	.55573
#2	.15545	-.02142	.80360	-.03494	.00952	133.06	.55968

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01121	.00210	80.946	.44790	.10105	.68382	328.51
Stddev	.00013	.00013	.575	.00028	.00071	.00298	1.01
%RSD	1.1750	6.3356	.71039	.06161	.70360	.43586	.30838

#1	.01112	.00219	80.539	.44771	.10055	.68593	327.79
#2	.01131	.00201	81.352	.44810	.10155	.68172	329.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2138	65.977	.28673	.00284	95.064	.34252	1.9929
Stddev	.0003	.375	.00052	.00001	.563	.00084	.0022
%RSD	.00621	.56796	.18296	.21093	.59256	.24447	.10790

#1	4.2140	65.712	.28710	.00284	94.666	.34311	1.9914
#2	4.2136	66.242	.28636	.00285	95.462	.34193	1.9944

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.716	.00649	.20407	F 128.61	5.0127	.09878	2.1966
Stddev	.121	.00017	.00516	.70	.0858	.00075	.0088
%RSD	.42109	2.6624	2.5283	.54476	1.7115	.75692	.39985

#1	28.631	.00662	.20042	128.12	4.9520	.09825	2.1904
#2	28.802	.00637	.20772	129.11	5.0733	.09931	2.2028

Sample Name: J5375-01 Acquired: 10/12/2018 17:58:03 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180688-KM- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29847	F 12.03	.78493	<.00000	F<.00000
Stddev	.00064	.08	.00461	.15141	.80543
%RSD	.21471	.6462	.58705	.19081	1.2312

#1	.29892	11.98	.78167	-79.457	-64.850
#2	.29802	12.09	.78819	-79.243	-65.989

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.1	57067.	5976.0	106.76	3485.5
Stddev	5.4	48.	41.3	.22	17.3
%RSD	.12949	.08342	.69046	.20691	.49500

#1	4184.3	57034.	6005.2	106.91	3497.7
#2	4192.0	57101.	5946.8	106.60	3473.3

Sample Name: J5375-03 Acquired: 10/12/2018 18:01:59 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20180691-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15674	-.03093	.75640	-.05163	.00871	168.76	.66274
Stddev	.00098	.00246	.00180	.00090	.00059	.35	.00377
%RSD	.62461	7.9494	.23842	1.7468	6.7529	.20841	.56889

#1	.15743	-.02919	.75768	-.05099	.00829	169.01	.66008
#2	.15605	-.03267	.75513	-.05227	.00912	168.51	.66541

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01230	.00071	538.67	.45699	.10656	.63133	326.75
Stddev	.00001	.00038	1.91	.00051	.00021	.00275	3.39
%RSD	.10784	53.890	.35432	.11219	.19294	.43585	1.0390

#1	.01231	.00098	537.32	.45663	.10671	.63327	324.35
#2	.01229	.00044	540.02	.45735	.10642	.62938	329.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5660	76.126	.28231	-.00030	89.260	.37810	2.2665
Stddev	.0044	.515	.00129	.00010	.539	.00076	.0272
%RSD	.09572	.67646	.45814	32.990	.60370	.20132	1.2009

#1	4.5629	75.762	.28323	-.00023	88.879	.37756	2.2473
#2	4.5691	76.490	.28140	-.00037	89.641	.37864	2.2858

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.409	.00685	.26794	F 147.78	6.3106	.08190	3.3319
Stddev	.154	.00012	.00866	.15	.0794	.00112	.0022
%RSD	.42428	1.6908	3.2322	.10067	1.2574	1.3707	.06594

#1	36.300	.00693	.26182	147.88	6.2545	.08110	3.3303
#2	36.518	.00677	.27406	147.67	6.3667	.08269	3.3334

Sample Name: J5375-03 Acquired: 10/12/2018 18:01:59 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20180691-AME Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32565	F 13.70	3.1223	<.00000	F<.00000
Stddev	.00103	.01	.0185	.33241	1.9334
%RSD	.31612	.0429	.59142	.53364	3.3916

#1	.32637	13.71	3.1093	-62.527	-55.638
#2	.32492	13.70	3.1354	-62.057	-58.372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3977.1	53792.	5920.2	102.00	3239.4
Stddev	15.9	155.	22.1	.88	11.4
%RSD	.39905	.28776	.37390	.86354	.35255

#1	3965.8	53682.	5935.9	102.62	3231.3
#2	3988.3	53901.	5904.5	101.38	3247.5

Sample Name: J5392-01 Acquired: 10/12/2018 18:05:55 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03871	-.02535	.22758	-.04818	.00606	117.31	1.7407
Stddev	.00687	.00040	.00072	.00452	.00015	.33	.0101
%RSD	17.743	1.5732	.31639	9.3802	2.4393	.28161	.58224

#1	.03385	-.02506	.22809	-.05138	.00596	117.08	1.7479
#2	.04357	-.02563	.22707	-.04499	.00617	117.54	1.7336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01109	-.00432	352.29	.21461	.13947	.04690	291.43
Stddev	.00001	.00011	2.04	.00097	.00018	.00021	.41
%RSD	.10539	2.5258	.57989	.45336	.12719	.45763	.13958

#1	.01109	-.00440	353.74	.21530	.13934	.04675	291.72
#2	.01108	-.00424	350.85	.21392	.13959	.04705	291.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9967	86.258	.30605	-.00685	3.5551	.29085	1.0173
Stddev	.0304	.168	.00074	.00031	.0152	.00239	.0052
%RSD	.43426	.19494	.24336	4.5032	.42832	.82112	.51147

#1	6.9753	86.377	.30658	-.00663	3.5659	.28916	1.0210
#2	7.0182	86.139	.30553	-.00707	3.5443	.29254	1.0136

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.266	.00572	.07008	1.9229	5.0794	.01452	2.8233
Stddev	.076	.00023	.00202	.0012	.0399	.00108	.0026
%RSD	.25064	3.9356	2.8782	.06436	.78575	7.4542	.09243

#1	30.319	.00588	.06865	1.9220	5.1076	.01528	2.8252
#2	30.212	.00557	.07150	1.9237	5.0511	.01375	2.8215

Sample Name: J5392-01 Acquired: 10/12/2018 18:05:55 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-DRUM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.51800	8.251	.99525	<.00000	F<.00000
Stddev	.00192	.005	.00647	.23717	.03307
%RSD	.37116	.0596	.64983	.39602	.06800

#1	.51936	8.254	.99983	-60.055	-48.608
#2	.51664	8.247	.99068	-59.720	-48.654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4119.4	56243.	5972.4	103.85	3418.9
Stddev	7.7	2.	45.0	.48	.0
%RSD	.18733	.00342	.75277	.46381	.00034

#1	4113.9	56242.	5940.6	103.51	3418.9
#2	4124.8	56244.	6004.2	104.19	3418.9

Sample Name: J5394-01 Acquired: 10/12/2018 18:09:59 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05048	-.01394	.25094	-.03012	.00425	71.838	.51743
Stddev	.00395	.00118	.00080	.00035	.00122	.841	.00212
%RSD	7.8195	8.4345	.31884	1.1599	28.663	1.1702	.40935

#1	.05328	-.01477	.25037	-.03036	.00512	71.243	.51893
#2	.04769	-.01311	.25150	-.02987	.00339	72.432	.51593

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00600	-.00444	30.335	.23916	.07260	.10933	196.10
Stddev	.00011	.00043	.151	.00113	.00033	.00107	3.77
%RSD	1.7787	9.6239	.49778	.47360	.45194	.98147	1.9224

#1	.00593	-.00414	30.442	.23836	.07236	.11009	193.43
#2	.00608	-.00475	30.228	.23996	.07283	.10857	198.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0706	25.174	.48794	-.00642	2.4195	.22424	.52460
Stddev	.0246	.062	.00158	.00013	.0053	.00460	.00616
%RSD	1.1894	.24704	.32421	2.0069	.21681	2.0498	1.1743

#1	2.0532	25.218	.48682	-.00651	2.4158	.22099	.52025
#2	2.0880	25.130	.48906	-.00633	2.4232	.22749	.52896

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0131	.01030	-.03760	1.5952	4.5110	.01533	1.9171
Stddev	.0150	.00007	.00327	.0135	.0360	.00015	.0034
%RSD	.24933	.67429	8.6868	.84664	.79818	.96236	.17660

#1	6.0025	.01025	-.03991	1.5856	4.5365	.01543	1.9195
#2	6.0237	.01035	-.03529	1.6047	4.4856	.01522	1.9147

Sample Name: J5394-01 Acquired: 10/12/2018 18:09:59 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-027 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07759	3.092	.16724	<.00000	F<.00000
Stddev	.00041	.003	.00045	.57864	.21111
%RSD	.52878	.1027	.27070	1.0964	.99308

#1	.07730	3.090	.16692	-52.368	-21.109
#2	.07788	3.094	.16756	-53.186	-21.407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4237.1	57245.	5788.9	111.94	3888.4
Stddev	5.7	583.	20.5	1.46	1.2
%RSD	.13546	1.0182	.35371	1.3004	.03213

#1	4233.1	57657.	5774.4	112.97	3887.5
#2	4241.2	56833.	5803.4	110.91	3889.3

Sample Name: J5394-03 Acquired: 10/12/2018 18:13:52 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04755	-.01327	.20923	-.03083	.00228	65.336	.39485
Stddev	.00068	.00161	.00050	.00124	.00000	.299	.00214
%RSD	1.4329	12.125	.23952	4.0095	.12195	.45710	.54145

#1	.04707	-.01213	.20887	-.03170	.00228	65.124	.39636
#2	.04803	-.01441	.20958	-.02995	.00228	65.547	.39334

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	-.00394	34.587	.20917	.06207	.07034	185.09
Stddev	.00002	.00006	.200	.00133	.00024	.00150	.87
%RSD	.29517	1.5991	.57758	.63769	.39158	2.1324	.47073

#1	.00557	-.00389	34.728	.20822	.06190	.06928	185.71
#2	.00560	-.00398	34.446	.21011	.06224	.07140	184.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0295	21.358	.37086	-.00632	1.9767	.20880	.45024
Stddev	.0003	.142	.00242	.00029	.0031	.00011	.00338
%RSD	.01490	.66719	.65363	4.5952	.15508	.05047	.74996

#1	2.0298	21.257	.36915	-.00612	1.9789	.20887	.45263
#2	2.0293	21.459	.37257	-.00653	1.9746	.20872	.44785

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9097	.01053	-.03506	1.5889	5.1856	.03179	1.8480
Stddev	.0130	.00001	.00517	.0044	.0949	.00029	.0065
%RSD	.22042	.14124	14.749	.27895	1.8291	.90378	.35317

#1	5.9005	.01052	-.03872	1.5857	5.2527	.03159	1.8526
#2	5.9189	.01054	-.03140	1.5920	5.1186	.03199	1.8434

Sample Name: J5394-03 Acquired: 10/12/2018 18:13:52 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-027 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07033	2.610	.15885	<.00000	F<.00000
Stddev	.00163	.009	.00064	.35718	.35199
%RSD	2.3204	.3484	.40168	.70787	1.8322

#1	.06917	2.604	.15930	-50.207	-18.962
#2	.07148	2.616	.15839	-50.712	-19.460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4273.4	58109.	5835.5	114.89	3914.6
Stddev	7.2	162.	38.0	.97	2.4
%RSD	.16963	.27808	.65128	.84129	.06242

#1	4268.3	58223.	5808.6	114.20	3912.8
#2	4278.5	57995.	5862.3	115.57	3916.3

Sample Name: CCV07 Acquired: 10/12/2018 18:17:45 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13990 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8482	4.7695	4.8715	4.9225	4.9314	9.9061	9.8243	.24278
Stddev	.0082	.0190	.0114	.0018	.0069	.0291	.0598	.00012
%RSD	.16852	.39913	.23352	.03629	.13972	.29353	.60864	.04827
#1	4.8539	4.7560	4.8635	4.9212	4.9363	9.8855	9.8666	.24269
#2	4.8424	4.7830	4.8796	4.9237	4.9265	9.9266	9.7820	.24286
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4170	25.472	.95401	2.4012	1.2257	4.6807	2.4682	24.306
Stddev	.0057	.260	.00341	.0053	.0046	.1202	.0001	.198
%RSD	.23775	1.0189	.35790	.22017	.37085	2.5681	.00376	.81581
#1	2.4129	25.656	.95160	2.3975	1.2289	4.5957	2.4682	24.446
#2	2.4210	25.289	.95643	2.4050	1.2225	4.7657	2.4681	24.166
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3902	1.1945	23.983	2.4245	2.4408	24.628	4.9220	4.9738
Stddev	.0026	.0004	.137	.0019	.0409	.129	.0043	.0042
%RSD	.10810	.03123	.57214	.07644	1.6765	.52540	.08807	.08470
#1	2.3884	1.1942	24.080	2.4259	2.4119	24.720	4.9250	4.9768
#2	2.3921	1.1948	23.886	2.4232	2.4697	24.537	4.9189	4.9708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7550	4.9800	4.7900	4.8665	5.2717	4.969	4.8884	F 2.8631
Stddev	.0037	.0454	.0137	.0034	.0372	.017	.0260	.0165
%RSD	.07767	.91069	.28632	.06917	.70547	.3490	.53081	.57820
#1	4.7524	5.0121	4.7803	4.8689	5.2980	4.957	4.9068	2.8514
#2	4.7577	4.9479	4.7997	4.8641	5.2454	4.982	4.8701	2.8748

Sample Name: CCV07 Acquired: 10/12/2018 18:17:45 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13990 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3725
Stddev	.0319
%RSD	.94600

#1	3.3499
#2	3.3950

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.2	51244.	5046.8	108.91	3831.4
Stddev	14.6	90.	57.8	1.51	5.1
%RSD	.38269	.17487	1.1447	1.3896	.13414

#1	3810.9	51181.	5005.9	109.98	3827.8
#2	3831.5	51307.	5087.6	107.84	3835.1

Sample Name: CCB07 Acquired: 10/12/2018 18:21:30 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13990 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	.00092	.00033	-.00187	-.00116	-.00550	-.00116
Stddev	.00252	.00015	.00061	.00256	.00084	.01094	.00004
%RSD	268.88	16.056	186.27	136.72	72.638	198.88	3.3458

#1	-.00272	.00082	-.00010	-.00006	-.00056	-.01324	-.00113
#2	.00085	.00103	.00076	-.00369	-.00176	.00224	-.00119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	-.01716	.00005	.00000	.00046	-.00727
Stddev	.00001	.00008	.00875	.00050	.00017	.00028	.00023
%RSD	23.336	137.50	51.001	967.35	24172.	60.065	3.1410

#1	.00004	.00011	-.02335	.00041	.00012	.00066	-.00711
#2	.00003	.00000	-.01097	-.00030	-.00012	.00027	-.00743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.01702	.00045	-.00023	-.14114	-.00054	.00042
Stddev	.00007	.03184	.00004	.00038	.00283	.00006	.00011
%RSD	45.601	187.08	8.0002	162.59	2.0056	10.272	25.249

#1	.00019	-.03953	.00042	-.00050	-.14314	-.00058	.00050
#2	.00010	.00549	.00047	.00003	-.13913	-.00050	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01221	.00082	.00256	F -.03536	.00037	-.00199	-.00043
Stddev	.02064	.00010	.00270	.00106	.00131	.00025	.00174
%RSD	169.07	11.975	105.41	2.9948	350.79	12.740	401.53

#1	.02680	.00089	.00448	-.03611	-.00055	-.00181	.00080
#2	-.00239	.00075	.00065	-.03461	.00130	-.00217	-.00166

Sample Name: CCB07 Acquired: 10/12/2018 18:21:30 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13990 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00464	-.0028	.00002	F .81781	F .77383
Stddev	.00025	.0014	.00007	.42383	.51404
%RSD	5.3237	50.91	389.80	51.825	66.428

#1	-.00481	-.0038	-.00003	1.1175	.41035
#2	-.00447	-.0018	.00007	.51812	1.1373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3960.8	53456.	5103.3	112.02	4269.1
Stddev	18.7	142.	.5	.32	15.1
%RSD	.47219	.26575	.00995	.28931	.35369

#1	3947.6	53556.	5102.9	112.25	4258.4
#2	3974.0	53355.	5103.6	111.79	4279.8

Sample Name: J5395-01 Acquired: 10/12/2018 18:25:34 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PH-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16747	-.02052	15.520	-.07392	.04042	82.610	7.1914
Stddev	.00069	.00335	.021	.00797	.00128	.320	.0141
%RSD	.41119	16.345	.13501	10.787	3.1659	.38690	.19658

#1	.16795	-.02289	15.505	-.07956	.03951	82.836	7.1814
#2	.16698	-.01815	15.535	-.06828	.04132	82.384	7.2014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01210	.04630	108.53	.59736	.13252	3.2316	521.70
Stddev	.00012	.00067	.32	.00172	.00008	.0083	4.49
%RSD	1.0094	1.4467	.29405	.28860	.05883	.25514	.86157

#1	.01202	.04678	108.31	.59614	.13258	3.2374	518.52
#2	.01219	.04583	108.76	.59858	.13247	3.2258	524.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9437	29.720	.58811	.00610	10.738	.44803	14.548
Stddev	.0118	.004	.00025	.00016	.003	.00074	.091
%RSD	.29979	.01405	.04238	2.5448	.02666	.16524	.62754

#1	3.9521	29.723	.58829	.00599	10.736	.44855	14.483
#2	3.9353	29.717	.58794	.00621	10.740	.44750	14.612

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8054	.04941	.14759	F 49.947	3.9427	4.0820	2.2762
Stddev	.0475	.00033	.00189	.006	.0371	.0092	.0039
%RSD	.48451	.66873	1.2825	.01247	.94048	.22423	.17312

#1	9.7718	.04964	.14625	49.951	3.9165	4.0756	2.2734
#2	9.8390	.04918	.14892	49.943	3.9690	4.0885	2.2790

Sample Name: J5395-01 Acquired: 10/12/2018 18:25:34 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PH-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14690	F 21.03	.62837	<.00000	F<.00000
Stddev	.00195	.02	.00010	.77171	.01194
%RSD	1.3272	.0870	.01525	.59263	.00817

#1	.14552	21.04	.62830	-129.67	-146.11
#2	.14828	21.01	.62844	-130.76	-146.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3993.6	54533.	5624.3	106.81	3551.2
Stddev	7.1	203.	1.5	.73	3.2
%RSD	.17830	.37223	.02593	.68133	.08973

#1	3988.5	54389.	5625.3	107.33	3553.5
#2	3998.6	54677.	5623.3	106.30	3549.0

Sample Name: J5450-01 Acquired: 10/12/2018 18:29:23 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ218-210-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01858	-.01636	.01151	-.03264	.00140	80.779	.10542
Stddev	.00355	.00126	.00145	.00180	.00083	.199	.00014
%RSD	19.103	7.6926	12.621	5.5113	59.299	.24608	.13471

#1	.01607	-.01547	.01254	-.03137	.00199	80.920	.10552
#2	.02109	-.01725	.01049	-.03391	.00082	80.639	.10532

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00348	42.008	.07000	.12845	1.3878	150.00
Stddev	.00021	.00001	.211	.00008	.00015	.0002	.18
%RSD	14.053	.32031	.50230	.12012	.11759	.01237	.12028

#1	.00165	-.00349	42.157	.06994	.12834	1.3876	149.88
#2	.00136	-.00348	41.859	.07006	.12855	1.3879	150.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94037	28.789	.12878	-.00685	5.5679	.72450	.18372
Stddev	.00416	.107	.00134	.00033	.0045	.00397	.00212
%RSD	.44265	.37189	1.0393	4.8300	.08005	.54808	1.1532

#1	.94331	28.864	.12973	-.00662	5.5711	.72169	.18522
#2	.93743	28.713	.12784	-.00708	5.5647	.72730	.18222

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4761	.00059	-.02292	1.5171	3.9884	.00362	3.2009
Stddev	.0119	.00011	.00720	.0007	.0717	.00031	.0056
%RSD	.18344	18.026	31.424	.04767	1.7982	8.6963	.17338

#1	6.4677	.00067	-.01782	1.5166	4.0391	.00339	3.2048
#2	6.4845	.00052	-.02801	1.5176	3.9376	.00384	3.1970

Sample Name: J5450-01 Acquired: 10/12/2018 18:29:23 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ218-210-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05836	7.102	.19683	<.00000	F<.00000
Stddev	.00023	.009	.00031	.33455	.38593
%RSD	.39165	.1288	.15958	.85792	3.3933

#1	.05852	7.108	.19661	-38.759	-11.100
#2	.05820	7.095	.19705	-39.232	-11.646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.4	55117.	5523.9	113.87	3874.5
Stddev	11.2	245.	34.6	.65	3.6
%RSD	.27636	.44407	.62727	.56722	.09192

#1	4046.5	54944.	5499.4	113.42	3871.9
#2	4062.3	55290.	5548.4	114.33	3877.0

Sample Name: J5455-02 Acquired: 10/12/2018 18:33:17 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-OILY-DEBR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	.00097	.03835	-.00425	-.00057	.71278	.02545	.00009
Stddev	.00010	.00011	.00039	.00084	.00068	.00080	.00034	.00010
%RSD	4.8805	10.810	1.0206	19.660	120.91	.11204	1.3540	114.42

#1	-.00220	.00090	.03807	-.00366	-.00008	.71221	.02521	.00017
#2	-.00205	.00105	.03863	-.00484	-.00105	.71334	.02570	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.55828	.00838	.00060	.06500	5.8189	.02563	.45549
Stddev	.00003	.00507	.00042	.00005	.00153	.0088	.00010	.00395
%RSD	8.2690	.90878	5.0539	7.8159	2.3507	.15165	.40690	.86700

#1	.00035	.56187	.00808	.00057	.06392	5.8251	.02570	.45829
#2	.00031	.55469	.00868	.00063	.06608	5.8126	.02556	.45270

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	-.00019	-.04865	.00363	.17071	.15531	.00045	-.00424
Stddev	.00007	.00048	.00371	.00066	.00177	.02722	.00003	.00065
%RSD	1.1489	257.90	7.6300	18.156	1.0382	17.526	7.1683	15.321

#1	.00615	-.00053	-.04602	.00317	.17197	.13606	.00043	-.00470
#2	.00625	.00015	-.05127	.00410	.16946	.17455	.00047	-.00378

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21226	.07637	.00546	.07386	-.00886	.0638	.00263	<.00000
Stddev	.00610	.00033	.00041	.00108	.00048	.0000	.00002	.01604
%RSD	2.8734	.42816	7.4546	1.4556	5.4598	.0649	.74875	.58300

#1	.20795	.07660	.00517	.07462	-.00851	.0639	.00261	-2.7402
#2	.21658	.07614	.00575	.07310	-.00920	.0638	.00264	-2.7629

Sample Name: J5455-02 Acquired: 10/12/2018 18:33:17 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-OILY-DEBR Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2106
 Stddev .4418
 %RSD 19.986

#1 2.5230
 #2 1.8982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.1	55557.	5403.6	120.60	4468.5
Stddev	57.9	94.	32.3	1.37	64.0
%RSD	1.4172	.16919	.59861	1.1384	1.4328

#1	4127.1	55624.	5380.8	119.63	4513.8
#2	4045.2	55491.	5426.5	121.58	4423.2

Sample Name: J5455-04 Acquired: 10/12/2018 18:37:20 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-CON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06939	-.04124	.19327	-.06690	.00034	149.76	.70314
Stddev	.00196	.00154	.00123	.00795	.00242	.60	.00232
%RSD	2.8288	3.7368	.63395	11.889	703.13	.39795	.32961

#1	.07077	-.04015	.19240	-.06127	-.00137	149.34	.70150
#2	.06800	-.04233	.19413	-.07252	.00206	150.18	.70478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00859	.00149	1549.8	1.6692	.10184	.41811	290.46
Stddev	.00040	.00063	30.4	.0095	.00023	.00258	4.42
%RSD	4.6791	42.125	1.9607	.56908	.22131	.61820	1.5209

#1	.00831	.00105	1528.3	1.6625	.10168	.41628	293.59
#2	.00887	.00193	1571.2	1.6759	.10200	.41993	287.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3714	152.72	.56721	-.00930	7.1400	.26203	5.3806
Stddev	.0067	.53	.00039	.00046	.0074	.00159	.0962
%RSD	.19766	.34639	.06906	4.9222	.10405	.60810	1.7879

#1	3.3667	152.35	.56693	-.00898	7.1453	.26090	5.4487
#2	3.3761	153.09	.56748	-.00962	7.1348	.26315	5.3126

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.010	.04326	.07602	F 43.710	1.4552	.00859	4.2707
Stddev	.007	.00027	.02847	.086	.0083	.00028	.0013
%RSD	.03563	.62380	37.452	.19668	.56711	3.2994	.03126

#1	19.005	.04345	.09615	43.650	1.4610	.00879	4.2716
#2	19.015	.04307	.05589	43.771	1.4493	.00839	4.2698

Sample Name: J5455-04 Acquired: 10/12/2018 18:37:20 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-CON Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23010	6.952	7.8941	<.00000	F<.00000
Stddev	.00069	.020	.0649	1.5597	.45798
%RSD	.30001	.2800	.82251	14.280	1.5157

#1	.22961	6.938	7.9401	-9.8199	-30.539
#2	.23058	6.965	7.8482	-12.026	-29.891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.7	49435.	5558.3	96.215	2949.2
Stddev	1.0	97.	3.4	1.754	4.2
%RSD	.02836	.19686	.06046	1.8225	.14355

#1	3639.0	49504.	5560.7	94.975	2952.2
#2	3640.5	49366.	5556.0	97.455	2946.2

Sample Name: J5457-01 Acquired: 10/12/2018 18:41:27 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KG-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09987	-.06020	1.0833	-.03703	.00691	113.52	.68830
Stddev	.00051	.00016	.0028	.00616	.00118	.11	.00432
%RSD	.50678	.27370	.26089	16.643	17.023	.09979	.62828

#1	.09951	-.06008	1.0853	-.04139	.00608	113.60	.69135
#2	.10022	-.06031	1.0813	-.03267	.00774	113.44	.68524

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00877	-.00252	76.562	.24402	.14821	.97351	326.64
Stddev	.00015	.00043	.319	.00030	.00033	.00383	3.64
%RSD	1.6752	16.947	.41675	.12296	.22017	.39370	1.1158

#1	.00888	-.00222	76.788	.24424	.14844	.97622	324.07
#2	.00867	-.00283	76.337	.24381	.14797	.97080	329.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7016	68.879	.29353	-.00359	3.9404	.46294	1.8824
Stddev	.0047	.192	.00140	.00003	.0164	.00110	.0267
%RSD	.17337	.27876	.47690	.77191	.41647	.23707	1.4177

#1	2.7049	69.014	.29452	-.00361	3.9520	.46216	1.8636
#2	2.6983	68.743	.29254	-.00357	3.9288	.46371	1.9013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.006	.02045	2.2739	F 28.202	3.9572	.13855	7.6205
Stddev	.072	.00058	.0313	.010	.0211	.00026	.0508
%RSD	.45098	2.8524	1.3748	.03693	.53395	.18791	.66604

#1	16.057	.02087	2.2518	28.210	3.9423	.13874	7.6564
#2	15.955	.02004	2.2960	28.195	3.9722	.13837	7.5846

Sample Name: J5457-01 Acquired: 10/12/2018 18:41:27 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: KG-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15985	9.280	.34765	<.00000	F<.00000
Stddev	.00027	.015	.00201	.69572	.59880
%RSD	.16742	.1630	.57813	.82114	.81511

#1	.15966	9.291	.34907	-85.217	-73.886
#2	.16004	9.270	.34623	-84.234	-73.039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4563.1	62059.	6411.1	106.75	3579.4
Stddev	10.8	.	19.5	1.43	8.9
%RSD	.23669	.00032	.30361	1.3404	.24862

#1	4555.4	62059.	6397.4	107.76	3573.1
#2	4570.7	62059.	6424.9	105.74	3585.7

Sample Name: J5457-01DUP Acquired: 10/12/2018 18:45:23 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KG-SOILDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10281	-.05854	1.0878	-.04038	.00741	113.46	.69426
Stddev	.00056	.00014	.0006	.00122	.00182	.04	.00336
%RSD	.54540	.23239	.05466	3.0128	24.500	.03524	.48456

#1	.10321	-.05864	1.0882	-.04124	.00869	113.49	.69188
#2	.10242	-.05845	1.0874	-.03952	.00613	113.43	.69664

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00910	-.00238	74.334	.24484	.14902	.98699	325.37
Stddev	.00013	.00044	.128	.00061	.00053	.00098	3.36
%RSD	1.4840	18.591	.17169	.24929	.35500	.09927	1.0321

#1	.00900	-.00207	74.424	.24527	.14939	.98769	322.99
#2	.00919	-.00269	74.244	.24441	.14864	.98630	327.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6965	68.298	.29459	-.00410	3.9950	.46403	1.8658
Stddev	.0065	.428	.00095	.00078	.0227	.00022	.0082
%RSD	.24023	.62715	.32379	18.964	.56942	.04824	.43926

#1	2.7011	67.995	.29391	-.00465	3.9789	.46419	1.8600
#2	2.6919	68.601	.29526	-.00355	4.0111	.46388	1.8716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.146	.02086	2.1609	F 28.525	3.9689	.13889	7.6796
Stddev	.009	.00008	.0248	.005	.0284	.00200	.0219
%RSD	.05805	.36811	1.1465	.01700	.71597	1.4413	.28498

#1	16.153	.02092	2.1434	28.528	3.9890	.14030	7.6641
#2	16.140	.02081	2.1784	28.521	3.9488	.13747	7.6951

Sample Name: J5457-01DUP Acquired: 10/12/2018 18:45:23 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KG-SOILDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15940	9.350	.35227	<.00000	F<.00000
Stddev	.00162	.016	.00157	.65105	1.1157
%RSD	1.0145	.1664	.44687	.74873	1.5654

#1	.16055	9.361	.35115	-87.414	-70.485
#2	.15826	9.339	.35338	-86.493	-72.063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4568.2	62288.	6502.8	108.78	3586.3
Stddev	5.8	145.	5.9	.60	3.7
%RSD	.12655	.23272	.09135	.54786	.10411

#1	4564.2	62185.	6507.0	109.20	3583.6
#2	4572.3	62390.	6498.6	108.36	3588.9

Sample Name: J5457-01LX5 Acquired: 10/12/2018 18:49:19 Type: Unk
Method: P4-ICP2(v2493) 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	.02644	-.01123	.22175	-.01341	-.00002	25.832	.16632	.00162
Stddev	.00143	.00000	.00180	.00126	.00035	.187	.00031	.00006
%RSD	5.4193	.00396	.81170	9.3622	1578.6	.72370	.18463	3.9936

#1	.02543	-.01123	.22302	-.01430	.00022	25.964	.16611	.00157
#2	.02745	-.01123	.22047	-.01252	-.00027	25.699	.16654	.00166

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	18.169	.06151	.02916	.25774	66.814	.66398	16.728
Stddev	.00000	.082	.00007	.00015	.00224	.379	.00135	.008
%RSD	.06033	.45287	.10588	.53070	.86789	.56650	.20406	.04963

#1	-.00114	18.111	.06146	.02927	.25615	67.081	.66494	16.722
#2	-.00114	18.227	.06155	.02905	.25932	66.546	.66302	16.734

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05891	-.00291	.83724	.11027	.39289	3.8690	.00472	.49030
Stddev	.00016	.00022	.00740	.00013	.00155	.0178	.00028	.01963
%RSD	.27399	7.5393	.88401	.12085	.39493	.45983	6.0192	4.0029

#1	.05880	-.00307	.83201	.11017	.39179	3.8816	.00452	.47642
#2	.05902	-.00276	.84248	.11036	.39399	3.8565	.00492	.50418

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5320	1.0085	.02612	1.8633	.03354	1.826	.08632	<.00000
Stddev	.0044	.0095	.00007	.0062	.00093	.002	.00018	.12973
%RSD	.07878	.93971	.26692	.33458	2.7721	.1083	.20705	.70540

#1	5.5351	1.0018	.02617	1.8589	.03288	1.825	.08644	-18.482
#2	5.5290	1.0152	.02607	1.8677	.03420	1.828	.08619	-18.299

Sample Name: J5457-01LX5 Acquired: 10/12/2018 18:49:19 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1158
Stddev .9064
%RSD 22.023

#1 3.4749
#2 4.7568

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.9	55615.	5506.6	112.10	3985.9
Stddev	9.0	162.	32.3	.19	20.4
%RSD	.21989	.29106	.58661	.17336	.51299

#1	4084.5	55501.	5529.5	112.24	3971.4
#2	4097.2	55730.	5483.8	111.97	4000.4

Sample Name: J5457-01MS Acquired: 10/12/2018 18:53:15 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KG-SOILMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72857	1.8446	2.0383	1.5551	.66076	112.89	.85630
Stddev	.00386	.0047	.0064	.0024	.00080	.89	.00011
%RSD	.52951	.25349	.31532	.15627	.12174	.78852	.01315

#1	.73130	1.8413	2.0338	1.5534	.66019	112.26	.85622
#2	.72584	1.8479	2.0428	1.5569	.66133	113.52	.85638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16960	.19060	74.341	.55210	.34455	1.2094	325.24
Stddev	.00032	.00003	.134	.00159	.00024	.0007	5.12
%RSD	.19074	.01658	.17987	.28857	.06955	.05971	1.5742

#1	.16982	.19058	74.435	.55322	.34439	1.2100	321.62
#2	.16937	.19063	74.246	.55097	.34472	1.2089	328.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8092	69.720	.78085	.05438	6.4555	.69420	2.0333
Stddev	.0034	.019	.00072	.00075	.0116	.00078	.0252
%RSD	.12169	.02694	.09163	1.3870	.17985	.11224	1.2413

#1	2.8117	69.706	.78035	.05384	6.4637	.69475	2.0155
#2	2.8068	69.733	.78136	.05491	6.4473	.69365	2.0512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.270	.34672	2.3190	F 28.357	4.6598	.83244	7.8459
Stddev	.107	.00010	.0011	.095	.0981	.00353	.0150
%RSD	.44105	.02836	.04762	.33576	2.1044	.42402	.19188

#1	24.194	.34679	2.3198	28.290	4.7292	.82994	7.8353
#2	24.345	.34665	2.3182	28.424	4.5905	.83494	7.8566

Sample Name: J5457-01MS Acquired: 10/12/2018 18:53:15 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: KG-SOILMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33832	F 15.02	.51170	<.00000	F<.00000
Stddev	.00180	.05	.00034	1.2372	1.0526
%RSD	.53152	.3087	.06715	1.4418	1.4528

#1	.33959	14.99	.51194	-86.681	-71.711
#2	.33705	15.05	.51146	-84.932	-73.200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4570.2	62225.	6401.6	108.33	3579.0
Stddev	6.8	83.	25.4	1.24	2.5
%RSD	.14792	.13314	.39743	1.1479	.06849

#1	4565.5	62283.	6383.6	109.21	3580.8
#2	4575.0	62166.	6419.5	107.45	3577.3

Sample Name: J5457-01MSD Acquired: 10/12/2018 18:57:07 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KG-SOILMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72469	1.8384	2.0337	1.5560	.65700	111.69	.85035
Stddev	.00011	.0116	.0038	.0089	.00374	1.99	.00008
%RSD	.01503	.62927	.18785	.57429	.56937	1.7838	.00891

#1	.72461	1.8466	2.0364	1.5623	.65964	110.28	.85030
#2	.72476	1.8302	2.0310	1.5497	.65435	113.10	.85040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16759	.18962	73.737	.54896	.34290	1.2067	327.62
Stddev	.00329	.00054	.036	.00990	.00028	.0033	1.82
%RSD	1.9620	.28234	.04897	1.8025	.08132	.27242	.55599

#1	.16527	.19000	73.762	.54196	.34310	1.2090	326.33
#2	.16992	.18924	73.711	.55596	.34270	1.2043	328.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7833	69.586	.77722	.05470	6.4214	.68774	2.0512
Stddev	.0459	.065	.00089	.00060	.0055	.01065	.0089
%RSD	1.6477	.09311	.11449	1.0954	.08603	1.5489	.43230

#1	2.7509	69.632	.77785	.05428	6.4253	.68021	2.0449
#2	2.8158	69.541	.77659	.05512	6.4175	.69527	2.0574

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.086	.34646	2.3258	F 28.234	4.6267	.82866	7.8229
Stddev	.083	.00065	.0073	.062	.0365	.00176	.0260
%RSD	.34399	.18825	.31548	.22070	.78855	.21206	.33182

#1	24.144	.34692	2.3206	28.278	4.6009	.82991	7.8412
#2	24.027	.34600	2.3310	28.190	4.6525	.82742	7.8045

Sample Name: J5457-01MSD Acquired: 10/12/2018 18:57:07 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: KG-SOILMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33766	F 14.97	.50782	<.00000	F<.00000
Stddev	.00396	.01	.00196	.22124	.97352
%RSD	1.1717	.0383	.38504	.25714	1.3605

#1	.33486	14.98	.50920	-85.882	-72.247
#2	.34046	14.97	.50644	-86.195	-70.870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4560.7	62597.	6414.9	107.26	3583.8
Stddev	9.1	845.	27.6	.39	3.4
%RSD	.19974	1.3495	.43009	.36053	.09449

#1	4554.3	63194.	6395.4	107.53	3581.4
#2	4567.2	62000.	6434.4	106.98	3586.2

Sample Name: J5457-01A Acquired: 10/12/2018 19:00:57 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7561 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72538	1.8430	2.0443	1.5483	.66025	113.20	.85698
Stddev	.00426	.0063	.0098	.0007	.00433	.23	.00064
%RSD	.58733	.34436	.47775	.04564	.65649	.20105	.07459

#1	.72236	1.8385	2.0374	1.5478	.65718	113.04	.85653
#2	.72839	1.8475	2.0512	1.5488	.66331	113.36	.85744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16926	.19063	75.714	.54993	.34392	1.2115	321.57
Stddev	.00014	.00073	.096	.00163	.00189	.0037	1.22
%RSD	.08410	.38482	.12714	.29606	.54985	.30959	.37997

#1	.16916	.19011	75.782	.54878	.34259	1.2142	320.70
#2	.16936	.19115	75.646	.55108	.34526	1.2089	322.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8141	69.640	.77840	.05335	6.4461	.69392	2.0278
Stddev	.0017	.127	.00221	.00003	.0146	.00010	.0107
%RSD	.06035	.18198	.28412	.05485	.22691	.01441	.52819

#1	2.8129	69.551	.77684	.05337	6.4565	.69385	2.0202
#2	2.8153	69.730	.77996	.05332	6.4358	.69399	2.0353

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.392	.34606	2.3286	F 28.316	4.7046	.83136	7.8244
Stddev	.004	.00190	.0087	.019	.0487	.00184	.0140
%RSD	.01535	.54833	.37521	.06685	1.0354	.22084	.17944

#1	24.389	.34472	2.3224	28.330	4.7390	.83006	7.8343
#2	24.395	.34740	2.3348	28.303	4.6702	.83266	7.8145

Sample Name: J5457-01A Acquired: 10/12/2018 19:00:57 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7561 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33923	F 14.98	.50986	<.00000	F<.00000
Stddev	.00239	.01	.00124	.18977	.66838
%RSD	.70310	.0863	.24369	.22380	.90503

#1	.33755	14.97	.50898	-84.661	-74.324
#2	.34092	14.99	.51074	-84.929	-73.379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4568.9	62036.	6330.8	108.51	3581.6
Stddev	3.1	20.	4.5	.46	.5
%RSD	.06863	.03238	.07178	.42051	.01422

#1	4566.7	62050.	6327.6	108.83	3581.9
#2	4571.1	62022.	6334.0	108.18	3581.2

Sample Name: CCV08 Acquired: 10/12/2018 19:04:49 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7561 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9454	4.8629	4.9579	5.0050	4.9907	10.066	10.012	.24740
Stddev	.0022	.0016	.0089	.0016	.0076	.042	.092	.00063
%RSD	.04528	.03264	.17992	.03132	.15332	.42116	.92180	.25267
#1	4.9438	4.8640	4.9642	5.0038	4.9961	10.096	10.077	.24784
#2	4.9470	4.8618	4.9515	5.0061	4.9853	10.036	9.9465	.24695
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4689	25.366	.97735	2.4611	1.2376	4.8910	2.4956	24.788
Stddev	.0035	.213	.00214	.0031	.0030	.0548	.0006	.091
%RSD	.14134	.84050	.21870	.12503	.24458	1.1194	.02513	.36809
#1	2.4714	25.516	.97886	2.4633	1.2397	4.9297	2.4960	24.723
#2	2.4665	25.215	.97584	2.4589	1.2354	4.8522	2.4951	24.852
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4421	1.2271	24.600	2.4692	2.4918	24.961	4.9822	5.0126
Stddev	.0016	.0071	.180	.0013	.0300	.204	.0004	.0291
%RSD	.06449	.57498	.73135	.05357	1.2051	.81789	.00813	.58148
#1	2.4432	1.2321	24.727	2.4702	2.5130	25.105	4.9819	5.0332
#2	2.4410	1.2221	24.473	2.4683	2.4705	24.817	4.9825	4.9920
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8475	4.8793	4.9084	4.9833	5.3245	5.132	5.0212	F 2.2057
Stddev	.0148	.0014	.0034	.0199	.0473	.017	.0435	.5112
%RSD	.30536	.02821	.06895	.40011	.88803	.3274	.86656	23.175
#1	4.8370	4.8784	4.9060	4.9974	5.3580	5.120	5.0519	2.5671
#2	4.8580	4.8803	4.9108	4.9692	5.2911	5.144	4.9904	1.8442

Sample Name: CCV08 Acquired: 10/12/2018 19:04:49 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7561 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0904
Stddev	.2415
%RSD	7.8152

#1	2.9196
#2	3.2611

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.7	51752.	5141.5	108.62	3798.2
Stddev	5.3	109.	18.3	1.29	7.1
%RSD	.13944	.21045	.35519	1.1860	.18791

#1	3825.9	51675.	5128.6	107.71	3793.1
#2	3833.5	51829.	5154.4	109.53	3803.2

Sample Name: CCB08 Acquired: 10/12/2018 19:08:35 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13991 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00143	.00201	-.00393	-.00091	-.00153	-.00167
Stddev	.00001	.00011	.00084	.00082	.00034	.00920	.00009
%RSD	1.8832	7.5738	41.783	20.999	36.880	599.98	5.2567

#1	-.00068	.00150	.00260	-.00451	-.00068	-.00803	-.00161
#2	-.00066	.00135	.00141	-.00334	-.00115	.00497	-.00173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	-.00818	-.00037	.00011	.00051	.00953
Stddev	.00001	.00005	.00452	.00037	.00011	.00041	.01797
%RSD	39.890	144.71	55.292	101.35	99.776	80.825	188.57

#1	.00002	.00007	-.00498	-.00063	.00018	.00022	-.00318
#2	.00001	-.00000	-.01138	-.00010	.00003	.00080	.02223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.05667	.00068	-.00034	-.16331	-.00048	.00080
Stddev	.00001	.02834	.00028	.00041	.00190	.00008	.00006
%RSD	13.392	50.013	40.584	118.56	1.1652	15.869	6.9123

#1	.00010	-.07672	.00048	-.00063	-.16465	-.00042	.00084
#2	.00008	-.03663	.00087	-.00006	-.16196	-.00053	.00076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01013	.00052	.01442	F -.03291	-.00590	-.00134	-.00106
Stddev	.00146	.00025	.00339	.00001	.00205	.00053	.00034
%RSD	14.393	48.551	23.532	.02591	34.822	39.796	32.036

#1	-.00910	.00069	.01682	-.03291	-.00735	-.00097	-.00082
#2	-.01116	.00034	.01202	-.03290	-.00445	-.00172	-.00130

Sample Name: CCB08 Acquired: 10/12/2018 19:08:35 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13991 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00457	-0.0040	.00005	F<.00000	F .72951
Stddev	.00068	.0002	.00008	.18568	.46239
%RSD	14.846	3.902	156.65	30.212	63.384

#1	-0.00409	-0.0039	-0.00001	-.74588	.40255
#2	-0.00505	-0.0041	.00011	-.48329	1.0565

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4004.2	54690.	5216.5	115.38	4269.1
Stddev	9.9	16.	14.8	.85	14.8
%RSD	.24675	.03006	.28367	.74053	.34650

#1	3997.2	54679.	5206.0	114.78	4258.7
#2	4011.1	54702.	5226.9	115.98	4279.6

Sample Name: J5455-06 Acquired: 10/12/2018 19:12:40 Type: Unk
 Method: P4-ICP2(v2493) 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	.00086	.00098	-.00194	-.00218	-.00060	.04695	.00002
Stddev	.00346	.00111	.00050	.00064	.00032	.00332	.00097	.00003
%RSD	704.09	129.02	51.613	32.985	14.651	548.58	2.0641	152.94

#1	-.00294	.00008	.00062	-.00240	-.00241	.00174	.04764	.00004
#2	.00196	.00164	.00133	-.00149	-.00196	-.00295	.04627	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.24844	-.00047	.00000	.00032	.16099	.03122	.01089
Stddev	.00002	.02228	.00026	.00006	.00043	.00221	.00023	.00119
%RSD	115.40	8.9681	55.276	3461.2	133.35	1.3734	.72530	10.928

#1	-.00000	.23269	-.00065	.00004	.00062	.16256	.03106	.01005
#2	-.00004	.26420	-.00028	-.00004	.00002	.15943	.03138	.01173

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00022	.64391	-.00067	.01515	.03542	.00003	.01925
Stddev	.00030	.00025	.00078	.00005	.00089	.00097	.00001	.00118
%RSD	29.071	114.68	.12087	8.1415	5.8559	2.7444	24.485	6.1500

#1	.00082	-.00004	.64446	-.00071	.01452	.03611	.00003	.02009
#2	.00124	-.00039	.64336	-.00063	.01578	.03473	.00004	.01841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48615	.03329	-.00266	-.00087	-.00716	-.0019	.00177	<.00000
Stddev	.00536	.00276	.00022	.00172	.00047	.0033	.00003	.84462
%RSD	1.1025	8.2827	8.3472	197.82	6.5280	171.6	1.5631	333.10

#1	.48236	.03134	-.00282	.00035	-.00749	-.0043	.00175	.34367
#2	.48994	.03524	-.00250	-.00209	-.00683	.0004	.00179	-.85081

Sample Name: J5455-06 Acquired: 10/12/2018 19:12:40 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .75307
Stddev .22055
%RSD 29.287

#1 .90902
#2 .59711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.4	54766.	5241.2	115.10	4288.2
Stddev	.2	8.	33.9	.53	2.0
%RSD	.00441	.01391	.64716	.46076	.04725

#1	4029.3	54771.	5265.1	114.73	4289.6
#2	4029.6	54760.	5217.2	115.48	4286.7

Sample Name: J5455-06DUP Acquired: 10/12/2018 19:16:44 Type: Unk
Method: P4-ICP2(v2493) 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	.00024	-.00022	.00055	-.00554	-.00229	.00453	.04998	-.00000
Stddev	.00034	.00076	.00014	.00088	.00110	.00859	.00001	.00007
%RSD	140.55	338.12	24.603	15.963	48.091	189.55	.02444	1828.3

#1	.00000	.00031	.00046	-.00616	-.00151	-.00154	.04999	-.00005
#2	.00048	-.00076	.00065	-.00491	-.00307	.01061	.04997	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.28064	-.00058	.00005	-.00030	.17540	.03319	.02852
Stddev	.00005	.00337	.00031	.00008	.00030	.00244	.00023	.01451
%RSD	2675.8	1.2023	53.382	159.41	101.07	1.3926	.68636	50.872

#1	.00004	.28302	-.00036	.00011	-.00052	.17713	.03303	.01826
#2	-.00003	.27825	-.00080	-.00001	-.00009	.17368	.03335	.03878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00048	.68330	-.00046	.01553	.02242	.00014	.01741
Stddev	.00003	.00023	.01871	.00034	.00041	.01791	.00012	.00251
%RSD	3.1423	48.696	2.7380	75.423	2.6191	79.881	85.156	14.428

#1	.00082	-.00065	.67007	-.00021	.01525	.03509	.00006	.01918
#2	.00086	-.00032	.69653	-.00070	.01582	.00976	.00022	.01563

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51033	.03711	-.00301	.00071	-.00685	-.0015	.00188	<.00000
Stddev	.00171	.00290	.00020	.00268	.00121	.0001	.00011	.63766
%RSD	.33593	7.8038	6.7005	380.40	17.616	10.12	5.6560	275.41

#1	.50912	.03506	-.00287	-.00119	-.00600	-.0016	.00181	-.68242
#2	.51154	.03916	-.00316	.00260	-.00771	-.0014	.00196	.21936

Sample Name: J5455-06DUP Acquired: 10/12/2018 19:16:44 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .30666
 Stddev .26902
 %RSD 87.724

#1 .11644
 #2 .49688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.8	54630.	5188.4	112.85	4280.1
Stddev	2.2	65.	1.1	.72	1.7
%RSD	.05561	.11897	.02026	.64223	.03986

#1	4015.3	54675.	5189.2	113.37	4278.9
#2	4018.4	54584.	5187.7	112.34	4281.3

Sample Name: J5455-06LX5 Acquired: 10/12/2018 19:20:49 Type: Unk
Method: P4-ICP2(v2493) 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	.00013	-.00044	.00068	-.00422	-.00170	.00846	.01020	.00006
Stddev	.00130	.00038	.00009	.00033	.00033	.01901	.00075	.00004
%RSD	973.88	87.405	13.734	7.7935	19.220	224.65	7.3211	61.654

#1	-.00079	-.00017	.00061	-.00445	-.00147	.02191	.00967	.00009
#2	.00105	-.00071	.00075	-.00399	-.00194	-.00498	.01073	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.06064	.00026	.00008	.00029	.01879	.00749	-.05954
Stddev	.00003	.00090	.00017	.00004	.00006	.00506	.00012	.04886
%RSD	126.51	1.4771	64.138	43.763	19.766	26.925	1.5664	82.069

#1	.00000	.06127	.00038	.00006	.00025	.02237	.00741	-.02499
#2	.00005	.06001	.00014	.00011	.00034	.01522	.00757	-.09409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00033	.03164	-.00035	.00438	.00076	.00016	-.00012
Stddev	.00009	.00087	.00496	.00032	.00004	.02115	.00026	.00171
%RSD	6.2407	264.87	15.685	91.094	.91521	2798.0	159.98	1416.9

#1	.00142	-.00094	.02813	-.00012	.00441	-.01420	-.00002	-.00133
#2	.00155	.00029	.03515	-.00057	.00435	.01571	.00034	.00109

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08129	.01112	-.00307	.00068	-.00682	-.0013	.00049	<.00000
Stddev	.00313	.00647	.00092	.00009	.00047	.0002	.00005	.00421
%RSD	3.8520	58.155	29.857	12.552	6.9179	17.05	9.9773	2.2270

#1	.08350	.01569	-.00242	.00074	-.00649	-.0015	.00052	-.19184
#2	.07907	.00655	-.00372	.00062	-.00716	-.0012	.00045	-.18590

Sample Name: J5455-06LX5 Acquired: 10/12/2018 19:20:49 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .41484
Stddev .62818
%RSD 151.43

#1 -.02936
#2 .85903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3982.4	53976.	5120.3	113.05	4234.7
Stddev	8.8	23.	2.6	.81	.5
%RSD	.22047	.04238	.05103	.71412	.01064

#1	3976.2	53993.	5118.4	112.48	4234.4
#2	3988.6	53960.	5122.1	113.62	4235.0

Sample Name: J5455-06MS Acquired: 10/12/2018 19:24:53 Type: Unk
Method: P4-ICP2(v2493) 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	.72421	1.8388	.91265	1.8722	.73986	1.7237	.22883	.17848
Stddev	.00931	.0359	.01289	.0282	.01227	.0289	.00513	.00093
%RSD	1.2852	1.9504	1.4120	1.5047	1.6589	1.6741	2.2432	.52321
#1	.71763	1.8135	.90354	1.8523	.73118	1.7033	.22520	.17782
#2	.73079	1.8642	.92177	1.8921	.74854	1.7441	.23246	.17914
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18094	1.1551	.36033	.18409	.29619	2.8268	.21798	1.8262
Stddev	.00289	.0063	.00183	.00258	.00535	.0330	.00015	.0209
%RSD	1.5974	.54105	.50706	1.3994	1.8071	1.1674	.07023	1.1447
#1	.17890	1.1507	.35904	.18227	.29240	2.8501	.21787	1.8115
#2	.18298	1.1595	.36162	.18591	.29997	2.8035	.21808	1.8410
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45952	.06438	3.3011	.26891	.21229	9.0302	.38058	.28016
Stddev	.00791	.00017	.0239	.00020	.00050	.0609	.00608	.00056
%RSD	1.7210	.26825	.72460	.07542	.23352	.67500	1.5976	.20062
#1	.45393	.06425	3.2842	.26905	.21264	8.9871	.37628	.28056
#2	.46512	.06450	3.3180	.26877	.21194	9.0733	.38488	.27976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45248	.88578	.63374	.17598	.18838	5.227	.17942	<.00000
Stddev	.00030	.00892	.00791	.00019	.00264	.086	.00172	.57051
%RSD	.06736	1.0071	1.2475	.10878	1.4000	1.645	.95707	47.857
#1	.45227	.87947	.62815	.17612	.18651	5.167	.17820	-.78871
#2	.45270	.89209	.63933	.17585	.19024	5.288	.18063	-1.5955

Sample Name: J5455-06MS Acquired: 10/12/2018 19:24:53 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .05160
%RSD 16.417

#1 -.27780
#2 -.35076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.4	53663.	5141.7	110.01	4165.2
Stddev	4.9	168.	5.8	1.93	5.2
%RSD	.12527	.31397	.11196	1.7515	.12527

#1	3936.9	53544.	5137.6	108.65	4161.5
#2	3943.8	53782.	5145.8	111.38	4168.9

Sample Name: J5455-06MSD Acquired: 10/12/2018 19:28:44 Type: Unk
Method: P4-ICP2(v2493) 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	.81623	2.0837	1.0381	2.1273	.84393	1.9452	.25647	.20313
Stddev	.00943	.0304	.0141	.0267	.01088	.0103	.00166	.00126
%RSD	1.1556	1.4590	1.3632	1.2559	1.2892	.52786	.64664	.62246

#1	.80956	2.0622	1.0281	2.1084	.83624	1.9380	.25530	.20223
#2	.82290	2.1052	1.0481	2.1462	.85163	1.9525	.25765	.20402

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20600	1.3130	.41022	.20900	.33585	3.0848	.24488	2.0616
Stddev	.00330	.0263	.00023	.00280	.00403	.0726	.00255	.0754
%RSD	1.6009	2.0017	.05548	1.3419	1.2007	2.3547	1.0412	3.6560

#1	.20367	1.2944	.41006	.20702	.33300	3.0335	.24308	2.1149
#2	.20834	1.3316	.41038	.21098	.33871	3.1362	.24669	2.0083

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52347	.07217	3.7333	.30661	.23175	10.246	.43307	.31563
Stddev	.00802	.00014	.0249	.00293	.00619	.129	.00642	.00645
%RSD	1.5326	.18820	.66568	.95644	2.6730	1.2568	1.4814	2.0425

#1	.51780	.07207	3.7158	.30453	.22737	10.155	.42853	.32019
#2	.52915	.07226	3.7509	.30868	.23613	10.337	.43760	.31107

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48653	1.0210	.72668	.20345	.21400	5.945	.20467	<.00000
Stddev	.00287	.0135	.01278	.00187	.00257	.082	.00100	.22137
%RSD	.59002	1.3232	1.7587	.91970	1.2031	1.376	.48846	13.781

#1	.48450	1.0115	.71765	.20213	.21218	5.887	.20396	-1.7629
#2	.48856	1.0306	.73572	.20477	.21582	6.003	.20538	-1.4498

Sample Name: J5455-06MSD Acquired: 10/12/2018 19:28:44 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.02453
Stddev	.24032
%RSD	979.74

#1	-.14540
#2	.19446

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3953.9	53762.	5115.4	113.79	4162.8
Stddev	10.2	74.	2.6	1.54	4.4
%RSD	.25905	.13690	.05045	1.3516	.10533

#1	3946.6	53710.	5113.6	114.88	4159.7
#2	3961.1	53815.	5117.2	112.70	4165.9

Sample Name: J5455-06A Acquired: 10/12/2018 19:32:33 Type: Unk
Method: P4-ICP2(v2493) 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	.85201	2.1638	1.0756	2.2068	.87676	2.1258	.27654	.21680
Stddev	.00509	.0132	.0053	.0103	.00036	.0106	.00127	.00020
%RSD	.59723	.61201	.48894	.46439	.04105	.49981	.46052	.09403

#1	.84842	2.1544	1.0719	2.1995	.87650	2.1333	.27744	.21665
#2	.85561	2.1732	1.0793	2.2140	.87701	2.1183	.27564	.21694

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21362	1.4269	.43905	.21755	.34783	3.3377	.26082	2.2579
Stddev	.00104	.0238	.00396	.00038	.00206	.1184	.00060	.0623
%RSD	.48806	1.6694	.90154	.17655	.59367	3.5480	.23182	2.7599

#1	.21288	1.4100	.44185	.21728	.34637	3.4214	.26124	2.3019
#2	.21435	1.4437	.43625	.21782	.34929	3.2539	.26039	2.2138

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54281	.07827	4.0472	.32823	.23948	11.128	.44973	.33359
Stddev	.00133	.00077	.0261	.00209	.00626	.063	.00016	.00661
%RSD	.24549	.98788	.64424	.63680	2.6156	.56952	.03545	1.9814

#1	.54187	.07881	4.0656	.32971	.24391	11.173	.44962	.33826
#2	.54375	.07772	4.0288	.32675	.23505	11.083	.44984	.32891

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49121	1.0873	.75177	.22304	.23382	6.158	.22175	<.00000
Stddev	.00058	.0009	.00309	.00331	.00135	.014	.00040	.01368
%RSD	.11909	.08367	.41070	1.4828	.57838	.2229	.18144	1.3466

#1	.49162	1.0880	.74959	.22070	.23478	6.148	.22203	-1.0064
#2	.49079	1.0867	.75395	.22537	.23286	6.168	.22146	-1.0258

Sample Name: J5455-06A Acquired: 10/12/2018 19:32:33 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .22592
%RSD 191.28

#1 -.27786
#2 .04164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.7	53749.	5112.6	114.23	4161.8
Stddev	14.8	71.	20.4	3.83	16.1
%RSD	.37342	.13267	.39809	3.3568	.38629

#1	3944.3	53699.	5098.2	111.52	4150.4
#2	3965.2	53800.	5127.0	116.94	4173.2

Sample Name: J5456-02 Acquired: 10/12/2018 19:36:23 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13991 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00015	.00237	.00055	-.00068	.00285	.02633	.00013
Stddev	.00060	.00071	.00010	.00249	.00133	.00557	.00271	.00003
%RSD	113.19	479.95	4.0837	456.72	197.01	195.66	10.277	25.088

#1	.00095	-.00035	.00230	.00231	.00027	.00679	.02442	.00015
#2	.00011	.00065	.00244	-.00122	-.00162	-.00109	.02824	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	6.6255	.00125	-.00000	.00370	.00031	.04679	1.7711
Stddev	.00005	.5595	.00024	.00008	.00101	.00837	.00356	.1843
%RSD	142.61	8.4445	18.867	1731.2	27.196	2687.2	7.6086	10.405

#1	-.00000	6.2299	.00108	.00005	.00299	-.00561	.04427	1.6408
#2	.00007	7.0211	.00141	-.00006	.00441	.00623	.04930	1.9014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	-.00028	17.173	-.00053	.01725	1.4161	.00137	.03833
Stddev	.00012	.00022	1.388	.00014	.00145	.1572	.00026	.01684
%RSD	6.9890	79.945	8.0840	25.651	8.4227	11.100	19.297	43.928

#1	.00168	-.00012	16.191	-.00044	.01623	1.3049	.00118	.05024
#2	.00186	-.00044	18.155	-.00063	.01828	1.5272	.00155	.02643

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1621	1.2733	-.00389	-.00152	-.00436	.0366	.05111	.90829
Stddev	.2304	.0978	.00060	.00151	.00018	.0059	.00438	.57335
%RSD	10.654	7.6828	15.524	99.698	4.0732	16.12	8.5769	63.124

#1	1.9992	1.2041	-.00347	-.00259	-.00424	.0324	.04801	1.3137
#2	2.3250	1.3424	-.00432	-.00045	-.00449	.0408	.05420	.50287

Sample Name: J5456-02 Acquired: 10/12/2018 19:36:23 Type: Unk
 Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13991 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1534
 Stddev .2409
 %RSD 20.883

#1 .98313
 #2 1.3238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3908.8	52821.	5136.6	115.14	4122.4
Stddev	3.5	84.	5.4	.74	.8
%RSD	.08956	.15816	.10550	.64240	.01979

#1	3906.3	52762.	5140.4	115.66	4123.0
#2	3911.3	52880.	5132.8	114.61	4121.8

Sample Name: CCV09 Acquired: 10/12/2018 19:40:25 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9057	4.8635	4.9542	4.9608	4.9352	9.8406	9.7876	.24387
Stddev	.0050	.0001	.0106	.0074	.0065	.0339	.0321	.00070
%RSD	.10104	.00163	.21331	.14958	.13204	.34453	.32767	.28907
#1	4.9092	4.8634	4.9467	4.9661	4.9398	9.8166	9.7649	.24337
#2	4.9022	4.8635	4.9617	4.9556	4.9306	9.8645	9.8102	.24437
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4701	25.061	.97437	2.4499	1.2307	4.8357	2.4752	24.416
Stddev	.0023	.071	.00187	.0025	.0007	.0996	.0020	.077
%RSD	.09264	.28349	.19222	.10187	.05648	2.0596	.08227	.31607
#1	2.4684	25.111	.97305	2.4481	1.2312	4.9062	2.4738	24.362
#2	2.4717	25.011	.97569	2.4516	1.2302	4.7653	2.4767	24.471
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4422	1.2097	24.070	2.4442	2.5160	24.419	4.9443	4.9857
Stddev	.0058	.0032	.060	.0007	.0520	.004	.0083	.0005
%RSD	.23604	.26477	.24730	.02888	2.0673	.01811	.16812	.00989
#1	2.4381	1.2075	24.028	2.4437	2.5528	24.416	4.9502	4.9861
#2	2.4463	1.2120	24.112	2.4447	2.4793	24.422	4.9385	4.9854
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8198	4.8977	4.9203	4.8966	5.2130	5.115	4.8989	F 1.3540
Stddev	.0084	.0436	.0097	.0080	.0158	.006	.0246	.0987
%RSD	.17502	.89111	.19714	.16371	.30218	.1264	.50163	7.2922
#1	4.8138	4.9286	4.9134	4.8909	5.2018	5.111	4.8815	1.4238
#2	4.8258	4.8669	4.9272	4.9022	5.2241	5.120	4.9162	1.2842

Sample Name: CCV09 Acquired: 10/12/2018 19:40:25 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3417
Stddev .1599
%RSD 4.7836

#1 3.4547
#2 3.2287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.0	51193.	5057.5	105.97	3761.3
Stddev	15.7	14.	21.9	2.42	5.9
%RSD	.41324	.02728	.43295	2.2807	.15577

#1	3799.9	51183.	5042.0	104.26	3757.2
#2	3822.2	51203.	5073.0	107.68	3765.5

Sample Name: CCB09 Acquired: 10/12/2018 19:44:10 Type: Unk
Method: P4-ICP2(v2493) 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	.00062	.00204	.00151	-.00029	-.00113	-.00461	-.00153
Stddev	.00016	.00101	.00003	.00160	.00071	.00061	.00078
%RSD	26.401	49.587	1.8224	543.54	62.486	13.143	51.179

#1	.00074	.00133	.00149	.00084	-.00063	-.00418	-.00209
#2	.00051	.00276	.00153	-.00142	-.00163	-.00504	-.00098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00001	-.02064	-.00035	.00004	-.00020	-.00501
Stddev	.00005	.00001	.01452	.00009	.00011	.00029	.00001
%RSD	814.24	72.733	70.360	26.658	259.11	146.92	.21300

#1	-.00003	.00000	-.01037	-.00042	-.00003	-.00040	-.00501
#2	.00004	.00001	-.03091	-.00028	.00012	.00001	-.00500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00533	.00028	-.00020	-.16547	-.00073	.00027
Stddev	.00004	.04954	.00044	.00012	.00123	.00054	.00003
%RSD	117.38	929.73	156.22	62.872	.74064	74.211	9.5271

#1	.00001	.02970	.00059	-.00011	-.16461	-.00035	.00025
#2	.00006	-.04036	-.00003	-.00029	-.16634	-.00111	.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03633	.00077	-.00336	F -.04114	-.00562	-.00105	-.00047
Stddev	.00637	.00014	.00350	.00188	.00176	.00033	.00006
%RSD	17.548	18.794	104.04	4.5716	31.284	31.052	12.606

#1	-.03182	.00087	-.00089	-.04247	-.00686	-.00082	-.00043
#2	-.04083	.00066	-.00583	-.03981	-.00437	-.00128	-.00051

Sample Name: CCB09 Acquired: 10/12/2018 19:44:10 Type: Unk
Method: P4-ICP2(v2493) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00417	-0.0026	.00011	F<.00000	F .34343
Stddev	.00003	.0005	.00000	.43971	.76799
%RSD	.76578	18.00	4.1453	84.422	223.62

#1	-0.00415	-0.0023	.00011	-.20992	.88649
#2	-0.00420	-0.0029	.00011	-.83177	-.19962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.9	54205.	5130.4	115.33	4255.6
Stddev	5.3	161.	13.8	1.94	6.2
%RSD	.13206	.29673	.26833	1.6810	.14489

#1	3995.2	54092.	5140.1	116.70	4251.2
#2	4002.6	54319.	5120.6	113.96	4259.9