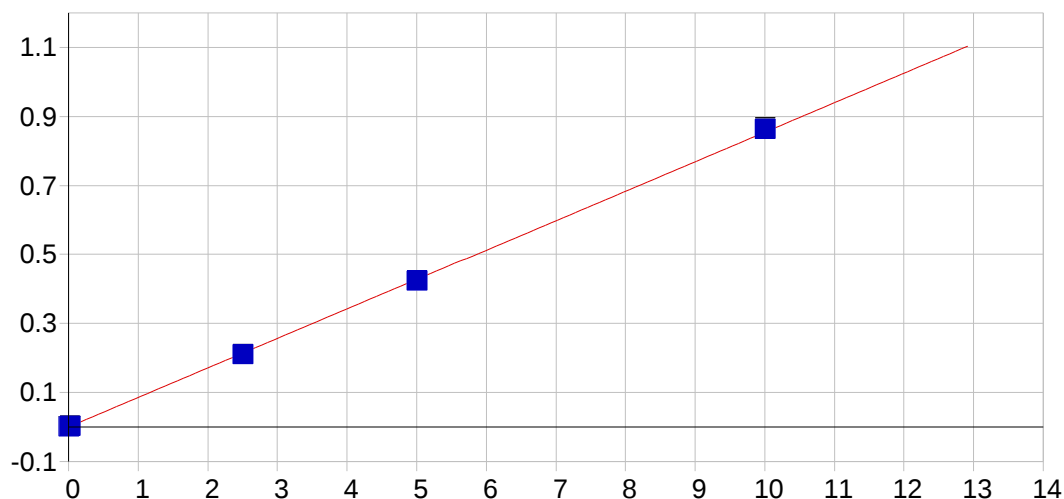


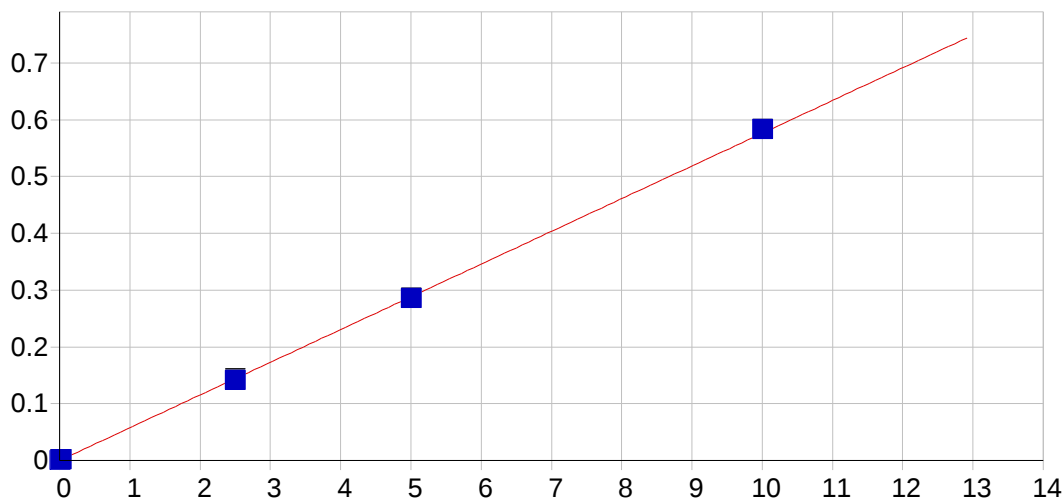


As 189.042 {478}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.085484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002853
 Predicted MQL: 0.009511

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.02000	.02001	.000	.033	.00154	.000	1
S3	2.5000	2.4505	-.050	-1.98	.20930	.001	1
S4	5.0000	4.9478	-.052	-1.04	.42276	.001	1
S5	10.000	10.102	.102	1.02	.86331	.003	1



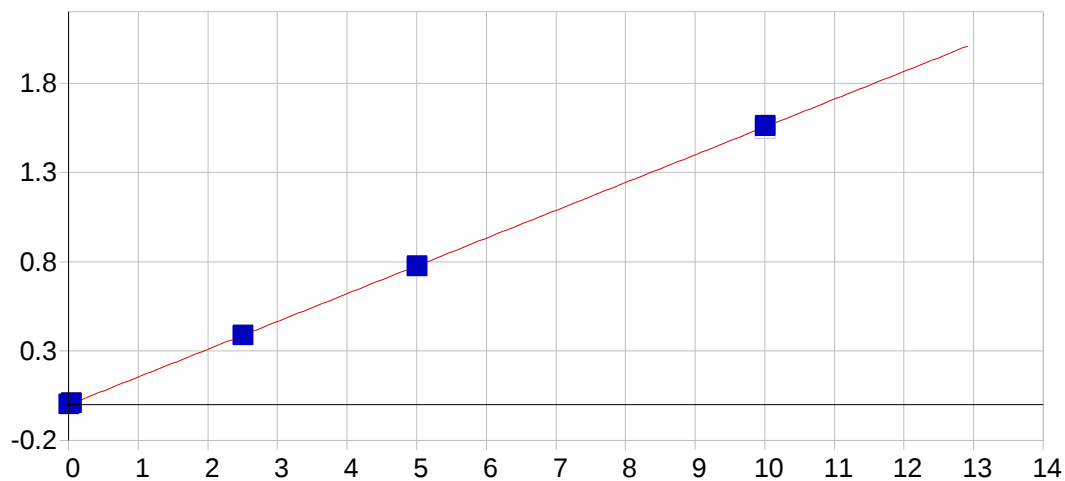
As 189.042 {479}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000039 Re-Slope: 1.000000

A1 (Gain): 0.057619 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002723
 Predicted MQL: 0.009078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.02000	.02179	.002	8.96	.00129	.000	1
S3	2.5000	2.4446	-.055	-2.22	.14090	.002	1
S4	5.0000	4.9517	-.048	-.966	.28535	.000	1
S5	10.000	10.102	.102	1.02	.58211	.001	1

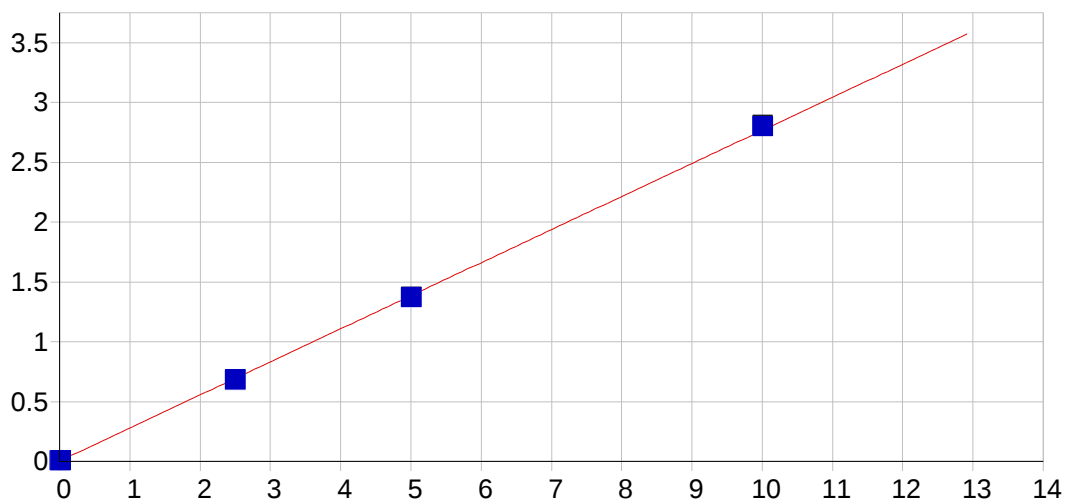


TI 190.856 {477}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000504 Re-Slope: 1.000000
 A1 (Gain): 0.155503 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001286
 Predicted MQL: 0.004288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00050	.000	1
S1	.04000	.04411	.004	10.3	.00619	.000	1
S3	2.5000	2.4899	-.010	-.403	.38270	.001	1
S4	5.0000	4.9833	-.017	-.334	.76644	.001	1
S5	10.000	10.023	.023	.228	1.5421	.003	1

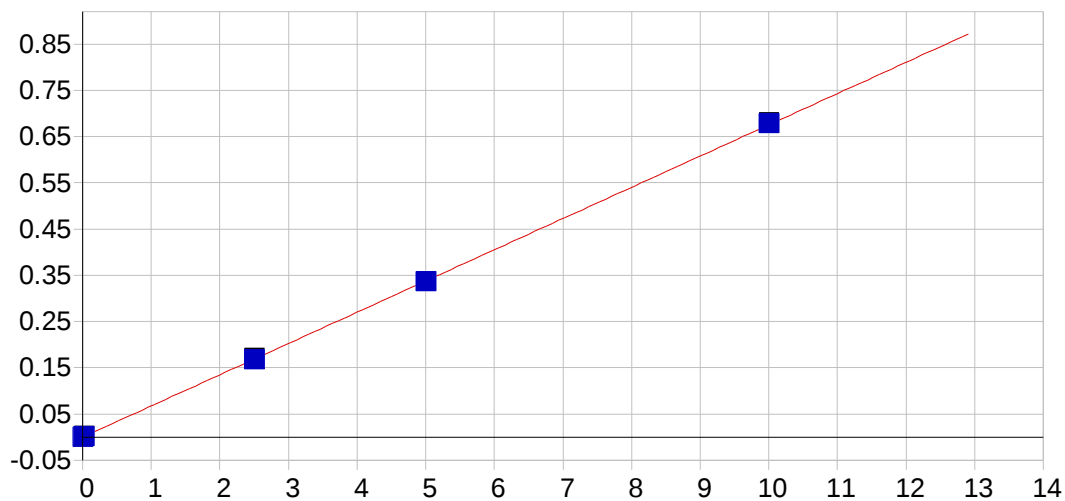


Pb 220.353 {453}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002977 Re-Slope: 1.000000
 A1 (Gain): 0.276355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.001121
 Predicted MQL: 0.003736

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00298	.000	1
S1	.01200	.01351	.002	12.6	.00665	.000	1
S3	2.5000	2.4397	-.060	-2.41	.67629	.002	1
S4	5.0000	4.9358	-.064	-1.28	1.3652	.004	1
S5	10.000	10.123	.123	1.23	2.7969	.006	1



Se 196.090 {472}

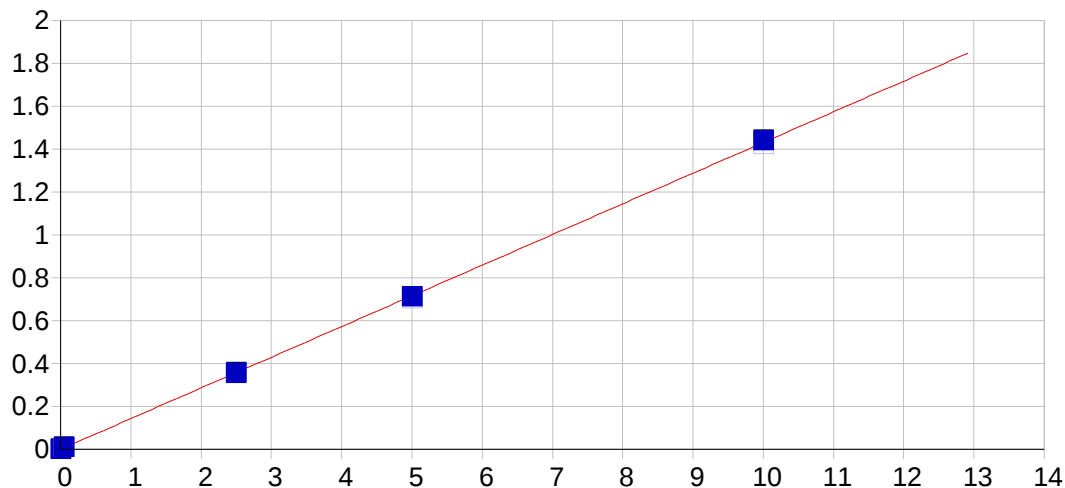
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.067533 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000007
 Predicted MDL: 0.003326
 Predicted MQL: 0.011085

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.02000	.02014	.000	.718	.00135	.000	1
S3	2.5000	2.4840	-.016	-.638	.16772	.002	1
S4	5.0000	4.9799	-.020	-.402	.33625	.000	1
S5	10.000	10.036	.036	.359	.67766	.002	1



Sb 206.833 {463}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

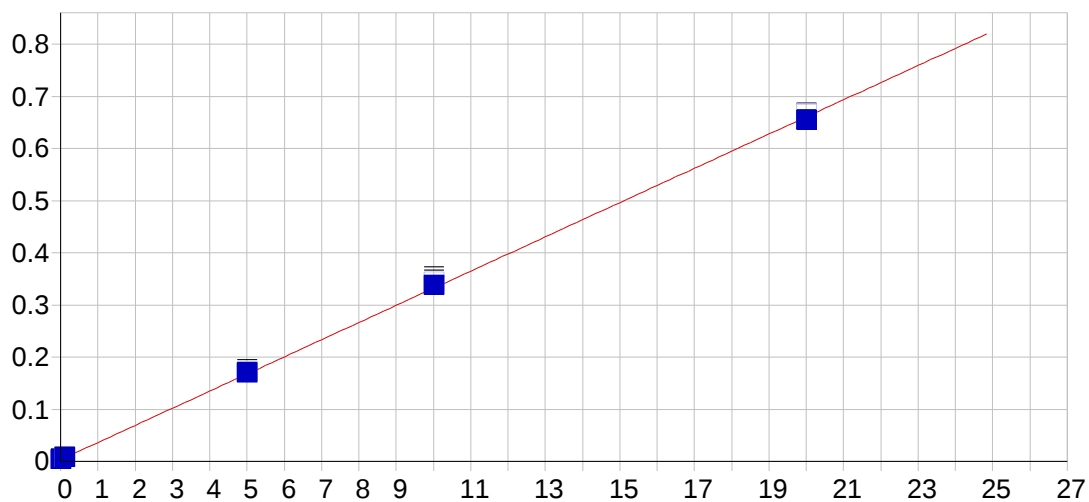
Weighting: 1/Conc

A0 (Offset): 0.000311
 A1 (Gain): 0.143066
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000054
 Predicted MDL: 0.001911
 Predicted MQL: 0.006371

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	.00031	.000	1
S1	.05000	.05692	.007	13.8	.00828	.000	1
S3	2.5000	2.4809	-.019	-.763	.35122	.003	1
S4	5.0000	4.9602	-.040	-.795	.70191	.000	1
S5	10.000	10.052	.052	.520	1.4223	.003	1

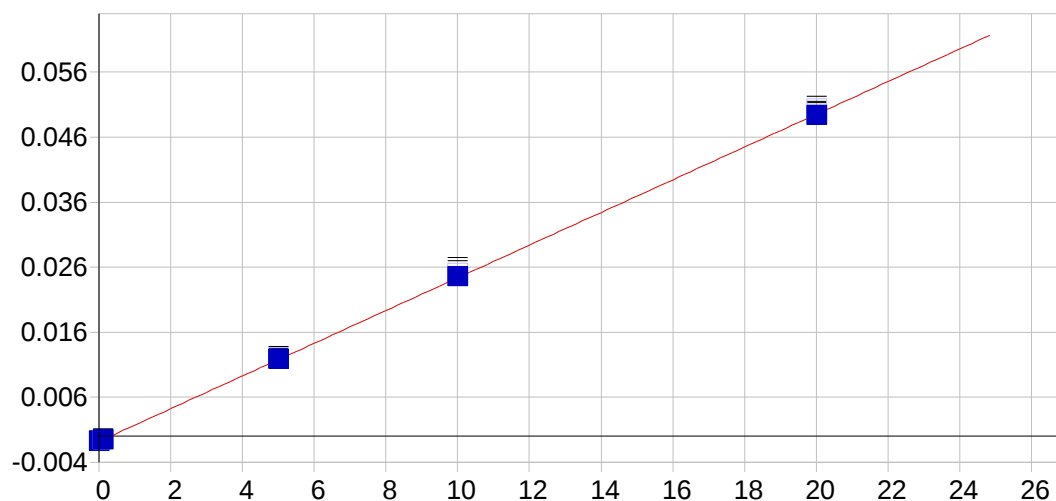


AI 308.215 {109}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003251 Re-Slope: 1.000000
 A1 (Gain): 0.032874 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.003506
 Predicted MQL: 0.011687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00325	.000	1
S1	.10000	.10846	.008	8.46	.00704	.000	1
S3	5.0000	5.0426	.043	.852	.17229	.003	1
S4	10.000	10.154	.154	1.54	.34361	.010	1
S5	20.000	19.794	-.206	-1.03	.66705	.000	1



AI 309.271 {109}

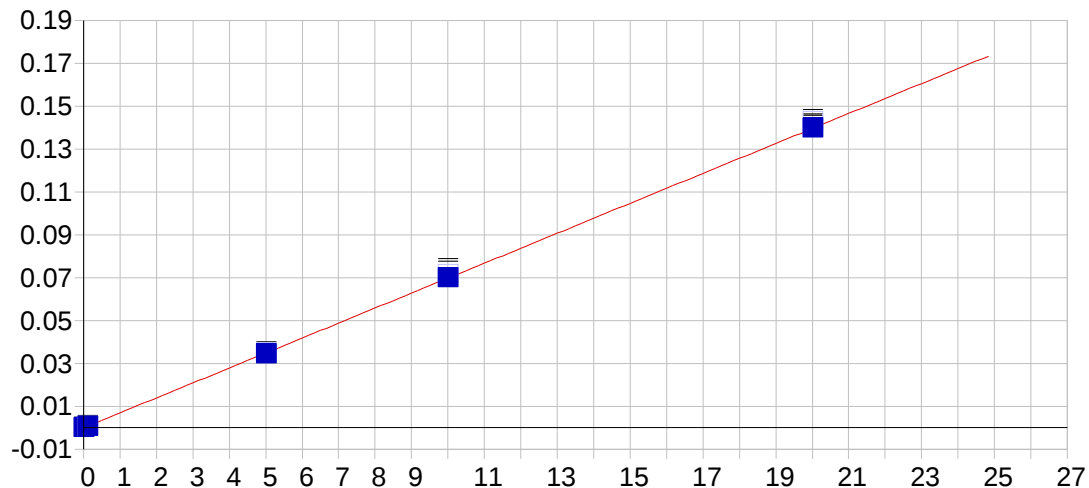
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000786 Re-Slope: 1.000000
 A1 (Gain): 0.002515 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000001
 Predicted MDL: 0.032792
 Predicted MQL: 0.109308

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.10000	.09903	-.001	-.974	-.00052	.000	1
S3	5.0000	5.0050	.005	.100	.01205	.000	1
S4	10.000	10.053	.053	.530	.02500	.001	1
S5	20.000	19.943	-.057	-.285	.05037	.000	1



Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

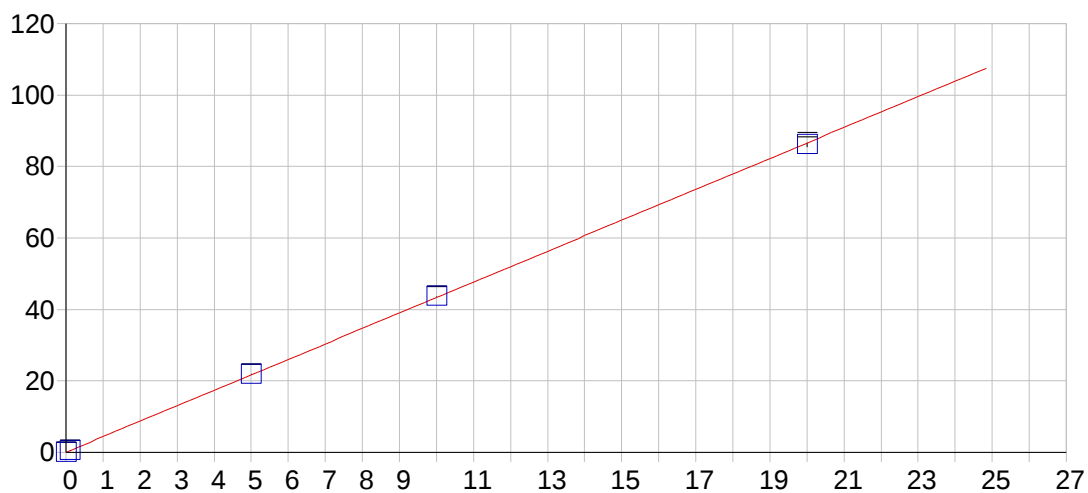
Weighting: 1/Conc

A0 (Offset): 0.000010
 A1 (Gain): 0.006981
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000003
 Predicted MDL: 0.016620
 Predicted MQL: 0.055401

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.09831	-.002	-1.69	.00074	.000	1
S3	5.0000	4.9275	-.073	-1.45	.03511	.000	1
S4	10.000	10.029	.029	.287	.07141	.003	1
S5	20.000	20.046	.046	.228	.14274	.001	1

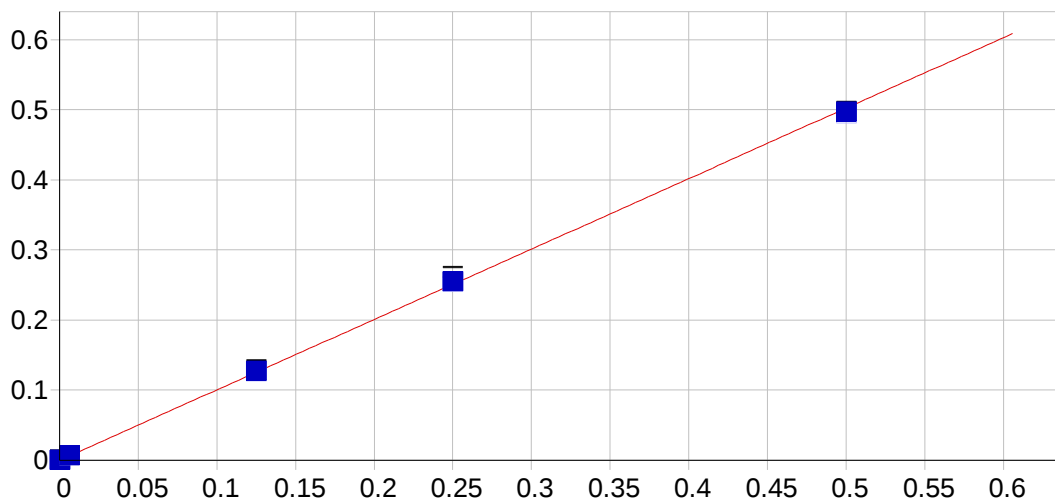


Ba 493.409 { 68}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.068262 Re-Slope: 1.000000
 A1 (Gain): 4.325901 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.002963
 Predicted MDL: 0.000737
 Predicted MQL: 0.002457

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06821	.002	1
S1	.10000	.11146	.011	11.5	.55044	.004	1
S3	5.0000	5.0410	.041	.820	21.875	.062	1
S5	20.000	19.880	-.120	-.598	86.069	.640	1
S4	10.000	10.067	.067	.672	43.618	.102	1



Be 234.861 {144}

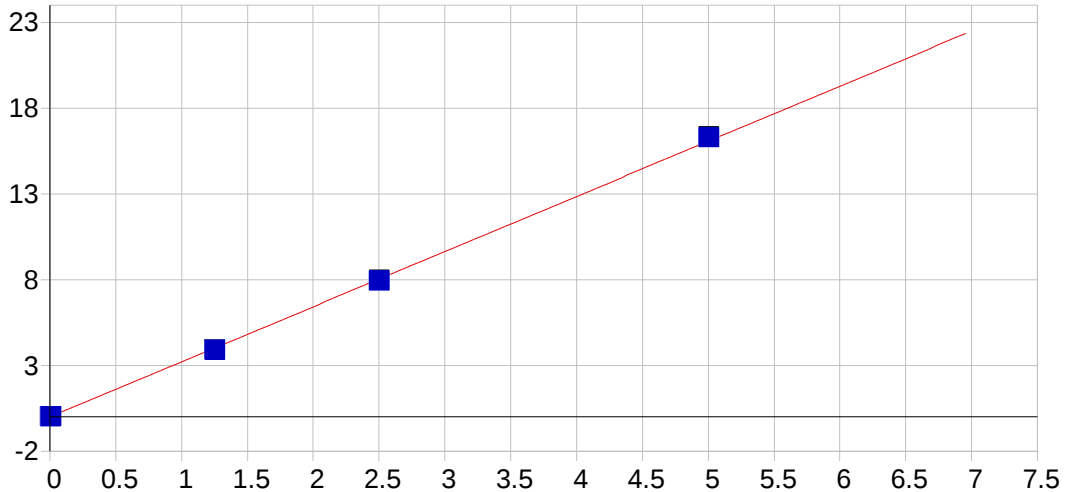
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000065 Re-Slope: 1.000000
 A1 (Gain): 1.004444 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000039
 Predicted MDL: 0.000074
 Predicted MQL: 0.000245

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00640	.000	6.60	.00643	.000	1
S3	.12500	.12595	.001	.761	.12579	.002	1
S4	.25000	.25386	.004	1.55	.25348	.007	1
S5	.50000	.49479	-.005	-1.04	.49389	.000	1



Cd 226.502 {449}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

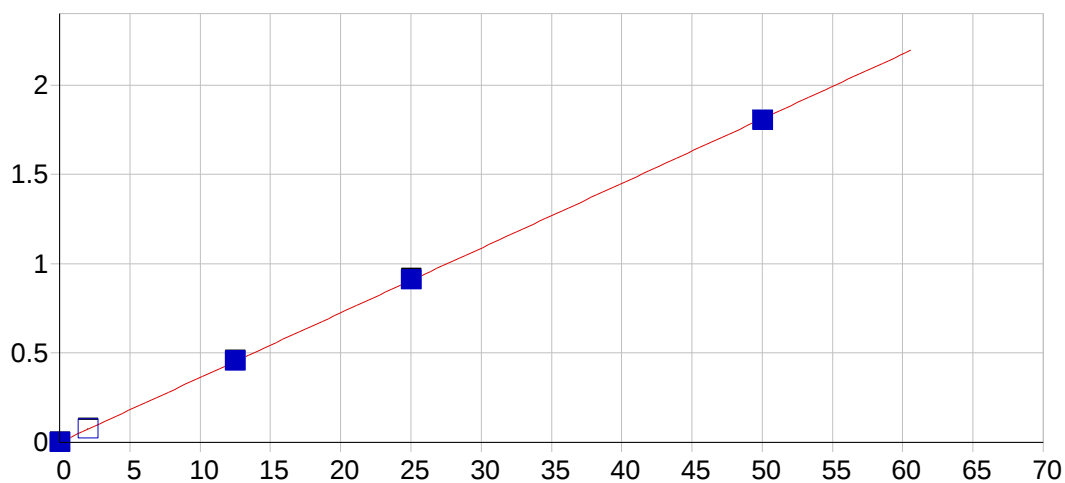
Weighting: 1/Conc

A0 (Offset): -0.000632
 A1 (Gain): 3.213570
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000507
 Predicted MDL: 0.000102
 Predicted MQL: 0.000340

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	-.00063	.000	1
S1	.00600	.00586	-.000	-2.29	.01824	.000	1
S3	1.2500	1.2129	-.037	-2.97	3.8979	.008	1
S4	2.5000	2.4677	-.032	-1.29	7.9313	.015	1
S5	5.0000	5.0696	.070	1.39	16.295	.019	1

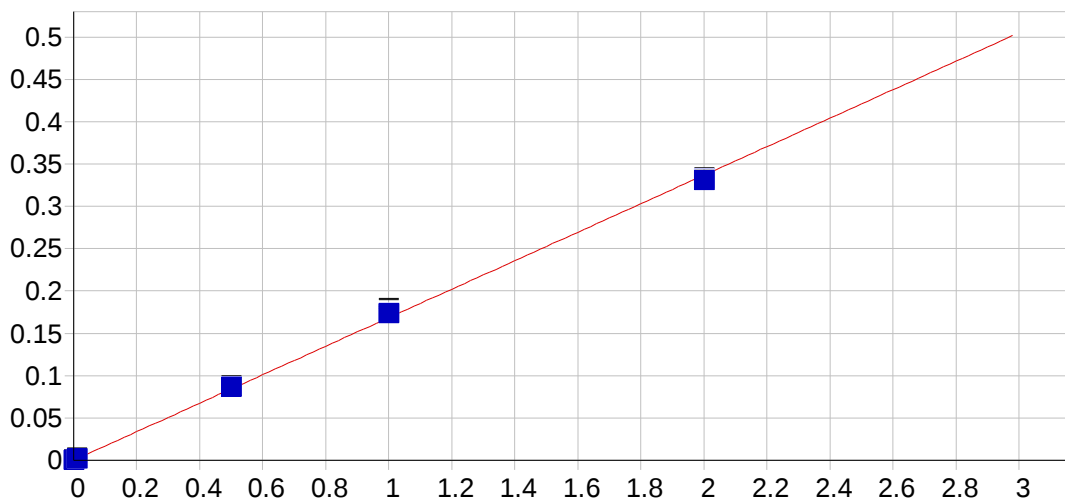


Ca 373.690 { 90}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000996 Re-Slope: 1.000000
 A1 (Gain): 0.036208 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.023505
 Predicted MQL: 0.078349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0598	.060	2.99	.07558	.003	1
S0	.00000	-.00007	-.000	.000	.00099	.000	1
S3	12.500	12.579	.079	.636	.45671	.001	1
S4	25.000	25.082	.082	.329	.90964	.008	1
S5	50.000	49.779	-.221	-.443	1.8043	.001	1



Cr 267.716 {126}

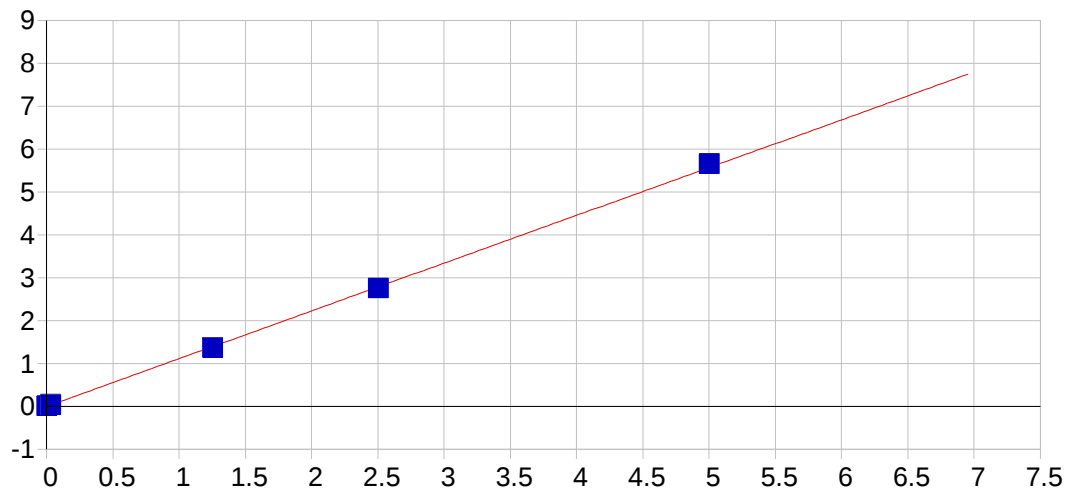
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.168341 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767
 Std Error of Est: 0.000028
 Predicted MDL: 0.000546
 Predicted MQL: 0.001819

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.01000	.01054	.001	5.42	.00189	.000	1
S3	.50000	.51050	.011	2.10	.08667	.001	1
S4	1.0000	1.0265	.027	2.65	.17417	.005	1
S5	2.0000	1.9624	-.038	-1.88	.33298	.000	1



Co 228.616 {447}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

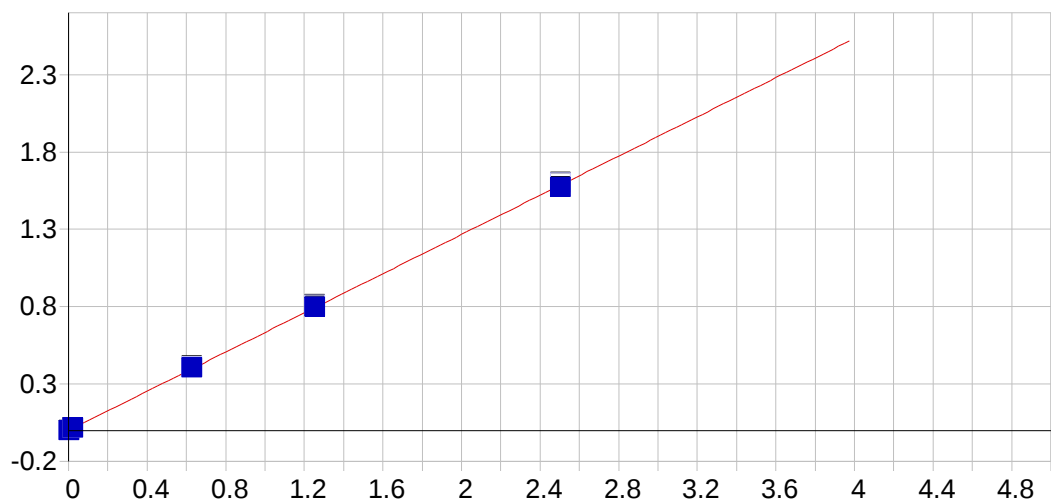
Weighting: 1/Conc

A0 (Offset): -0.000144
 A1 (Gain): 1.114050
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850
 Std Error of Est: 0.000404
 Predicted MDL: 0.000268
 Predicted MQL: 0.000894

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.03000	.03333	.003	11.1	.03676	.000	1
S3	1.2500	1.2175	-.032	-2.60	1.3573	.003	1
S4	2.5000	2.4630	-.037	-1.48	2.7460	.001	1
S5	5.0000	5.0661	.066	1.32	5.6481	.006	1

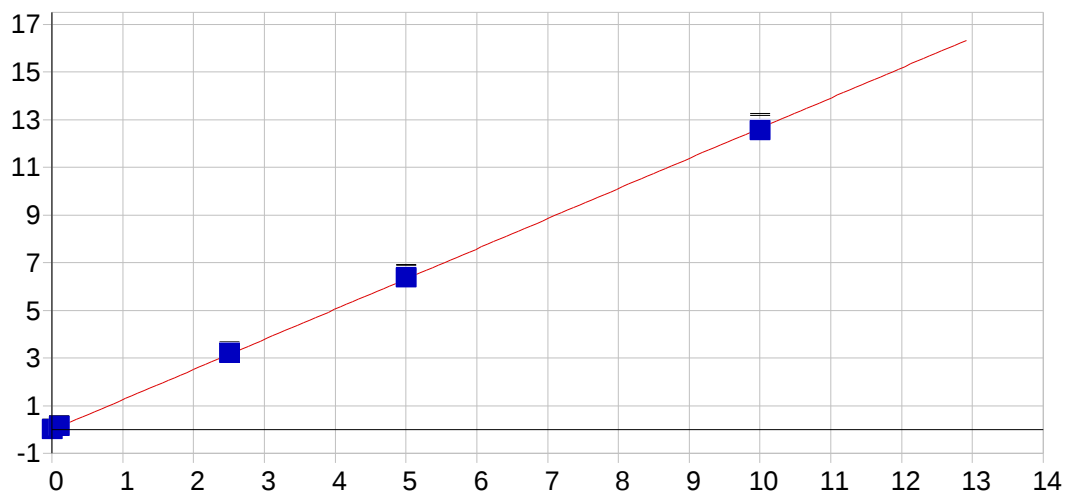


Cu 224.700 {450}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.633444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.000573
 Predicted MQL: 0.001910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.02000	.02176	.002	8.80	.01398	.000	1
S3	.62500	.63638	.011	1.82	.41042	.004	1
S4	1.2500	1.2552	.005	.412	.80973	.002	1
S5	2.5000	2.4817	-.018	-.732	1.6014	.003	1



Fe 240.488 {140}

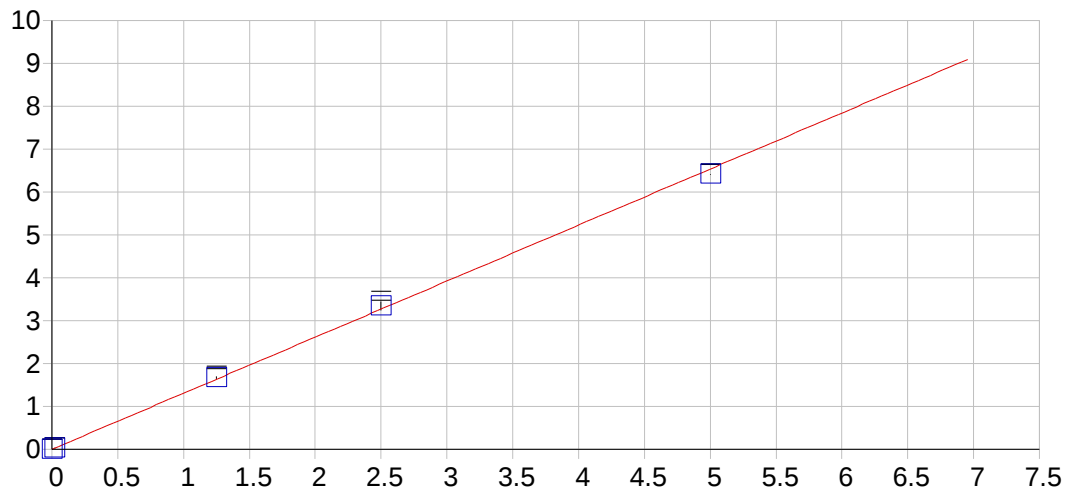
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018445 Re-Slope: 1.000000
 A1 (Gain): 1.265818 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000858
 Predicted MDL: 0.009265
 Predicted MQL: 0.030884

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01846	.000	1
S1	.10000	.11096	.011	11.0	.12263	.024	1
S3	2.5000	2.5388	.039	1.55	3.2112	.027	1
S4	5.0000	5.0347	.035	.694	6.3864	.107	1
S5	10.000	9.9155	-.084	-.845	12.596	.226	1



Mn 257.610 {131}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

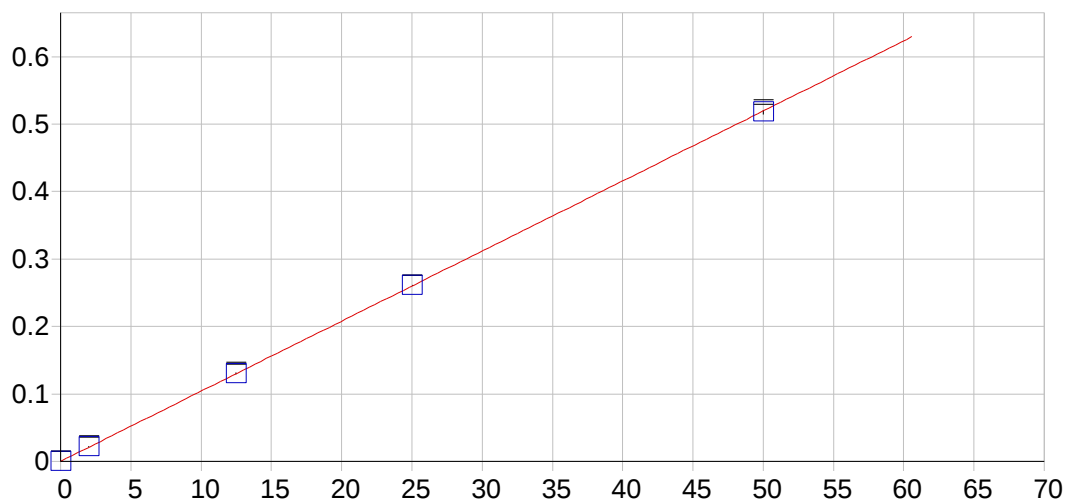
Weighting: 1/Conc

A0 (Offset): 0.000444
 A1 (Gain): 1.307142
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756
 Std Error of Est: 0.000494
 Predicted MDL: 0.000070
 Predicted MQL: 0.000235

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.02000	.02298	.003	14.9	.03049	.000	1
S3	1.2500	1.2813	.031	2.50	1.6752	.026	1
S4	2.5000	2.5582	.058	2.33	3.3443	.100	1
S5	5.0000	4.9076	-.092	-1.85	6.4154	.007	1

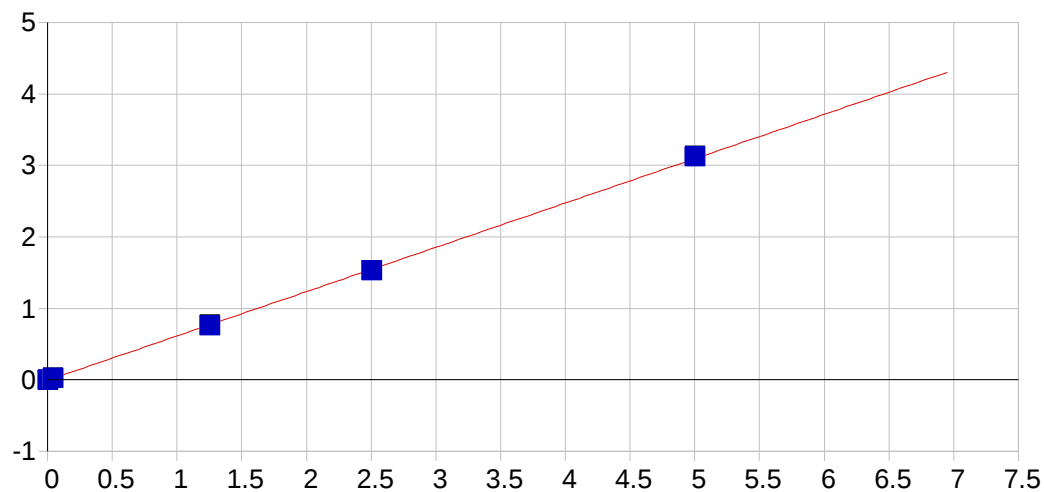


Mg 279.079 {121}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.010386 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.043143
 Predicted MQL: 0.143811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0575	.058	2.88	.02158	.001	1
S0	.00000	-.00006	-.000	.000	.00021	.000	1
S3	12.500	12.535	.035	.276	.13039	.001	1
S4	25.000	25.095	.095	.379	.26084	.000	1
S5	50.000	49.813	-.187	-.373	.51757	.003	1



Ni 231.604 {445}

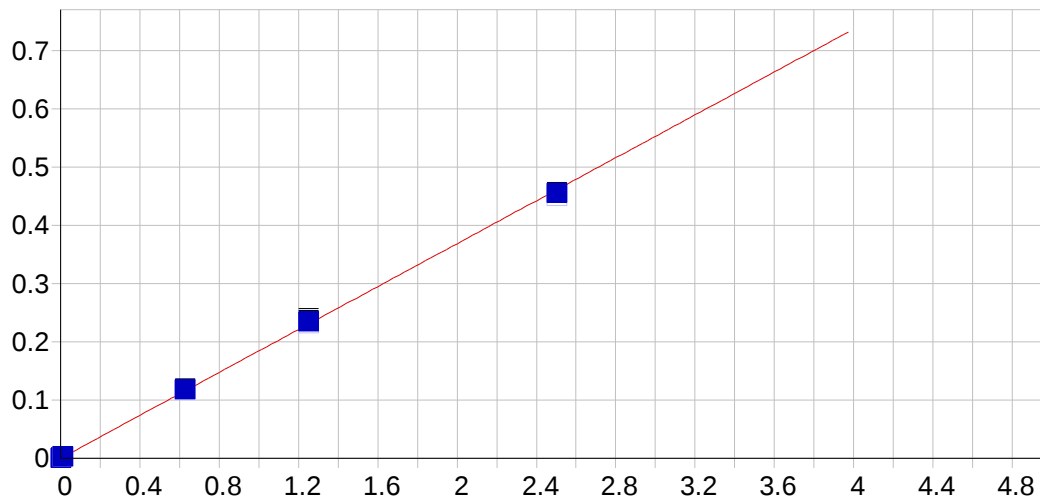
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006026 Re-Slope: 1.000000
 A1 (Gain): 0.620043 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000189
 Predicted MDL: 0.000504
 Predicted MQL: 0.001680

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00603	.000	1
S1	.04000	.04415	.004	10.4	.02136	.000	1
S3	1.2500	1.2313	-.019	-1.49	.75831	.002	1
S4	2.5000	2.4716	-.028	-1.13	1.5282	.001	1
S5	5.0000	5.0429	.043	.857	3.1242	.004	1



Ag 328.068 {103}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

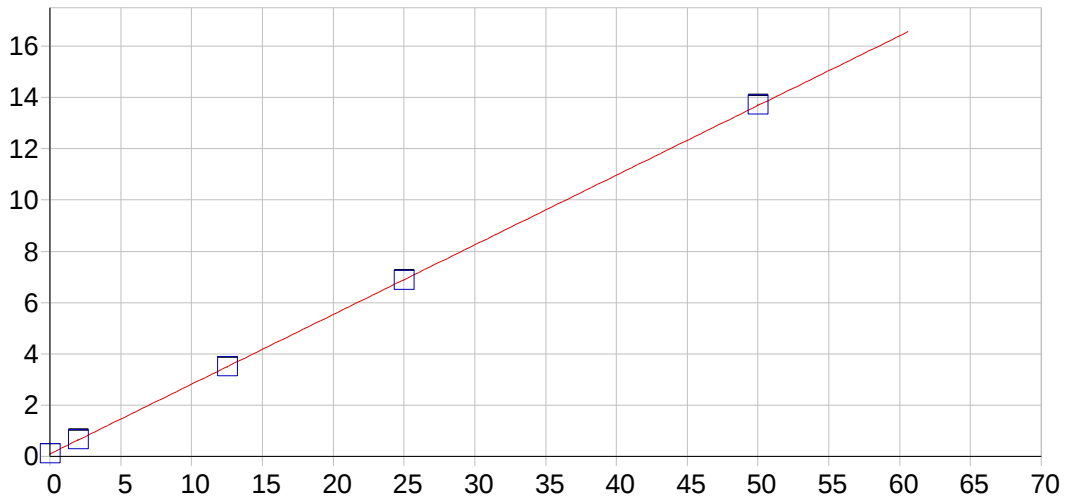
Weighting: 1/Conc

A0 (Offset): 0.000092
 A1 (Gain): 0.184157
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895
 Std Error of Est: 0.000023
 Predicted MDL: 0.000753
 Predicted MQL: 0.002510

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	.00009	.000	1
S1	.01000	.01070	.001	6.99	.00202	.000	1
S3	.62500	.63667	.012	1.87	.11603	.002	1
S4	1.2500	1.2681	.018	1.45	.23101	.005	1
S5	2.5000	2.4696	-.030	-1.22	.44965	.001	1

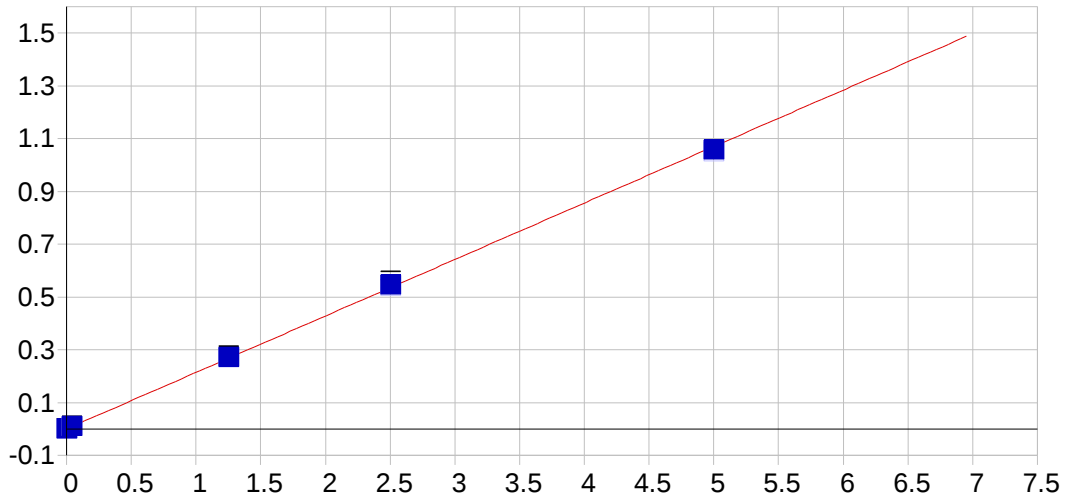


Na 589.592 { 57}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.097901 Re-Slope: 1.000000
 A1 (Gain): 0.271795 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000577
 Predicted MDL: 0.011337
 Predicted MQL: 0.037791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0416	.042	2.08	.65279	.016	1
S0	.00000	-.00003	-.000	.000	.09789	.001	1
S3	12.500	12.457	-.043	-.347	3.4836	.017	1
S4	25.000	24.926	-.074	-.298	6.8725	.010	1
S5	50.000	50.076	.076	.153	13.708	.026	1



V 292.402 {115}

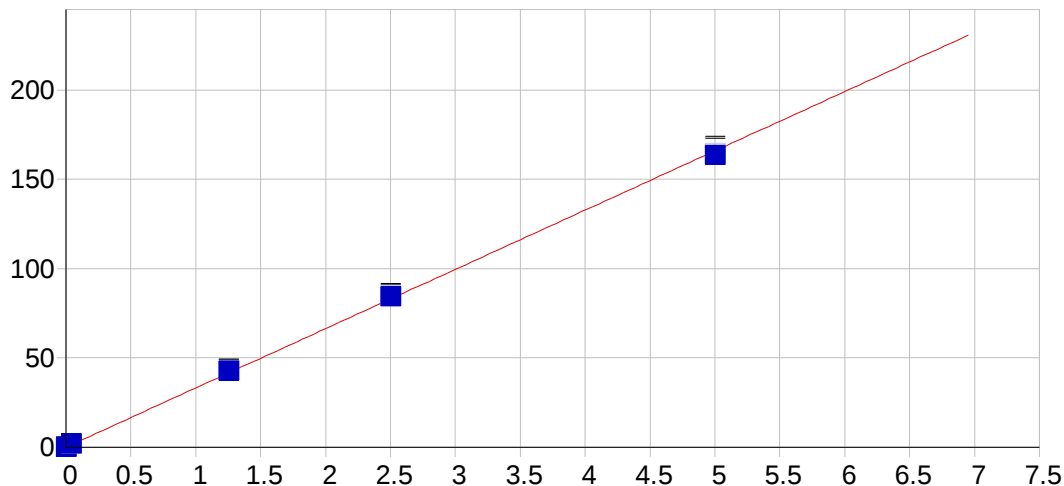
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.214007 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858
 Std Error of Est: 0.000087
 Predicted MDL: 0.000567
 Predicted MQL: 0.001888

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.04000	.04519	.005	13.0	.00955	.000	1
S3	1.2500	1.2654	.015	1.24	.26908	.005	1
S4	2.5000	2.5437	.044	1.75	.54090	.016	1
S5	5.0000	4.9357	-.064	-1.29	1.0493	.001	1



Zn 206.200 {163}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

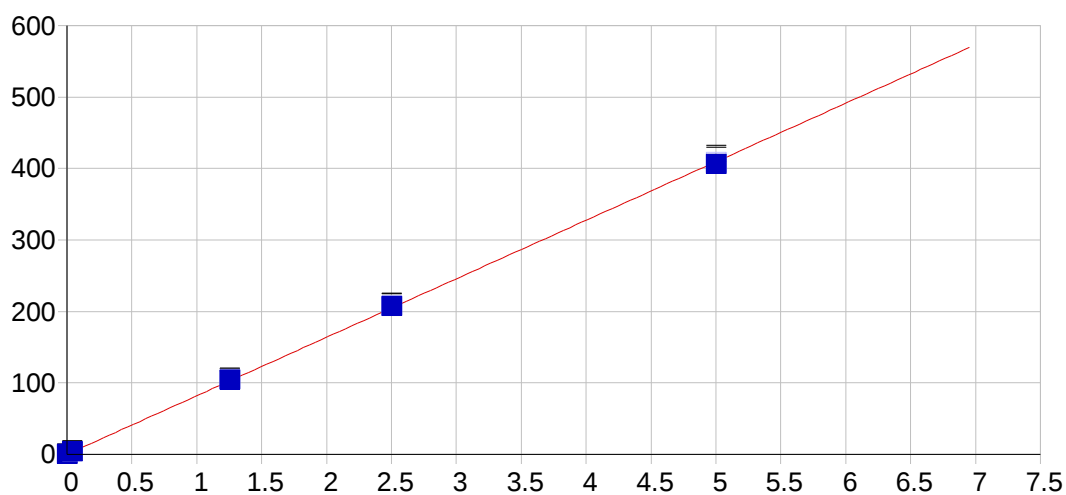
Weighting: 1/Conc

A0 (Offset): 0.074122
 A1 (Gain): 33.169056
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770
 Std Error of Est: 0.017315
 Predicted MDL: 0.000467
 Predicted MQL: 0.001556

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	.07386	.015	1
S1	.04000	.04693	.007	17.3	1.6394	.031	1
S3	1.2500	1.2841	.034	2.73	42.918	.770	1
S4	2.5000	2.5401	.040	1.60	84.827	1.22	1
S5	5.0000	4.9189	-.081	-1.62	164.23	4.22	1

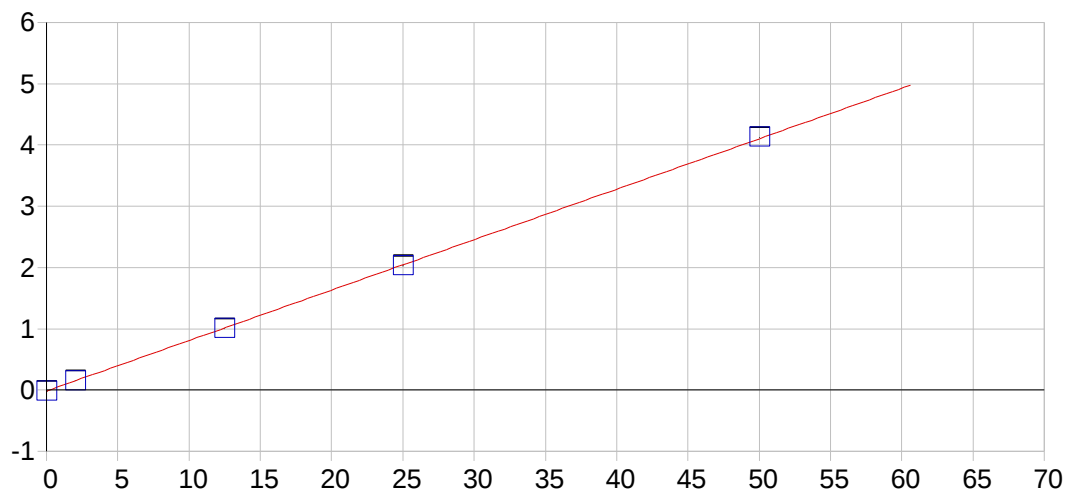


Zn 213.856 {458}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.114965 Re-Slope: 1.000000
 A1 (Gain): 81.878360 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.029355
 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	.11441	.017	1
S1	.04000	.04615	.006	15.4	3.9151	.182	1
S3	1.2500	1.2677	.018	1.42	104.53	1.68	1
S4	2.5000	2.5251	.025	1.01	208.11	3.22	1
S5	5.0000	4.9510	-.049	-.980	407.97	9.81	1



K 766.490 {44}

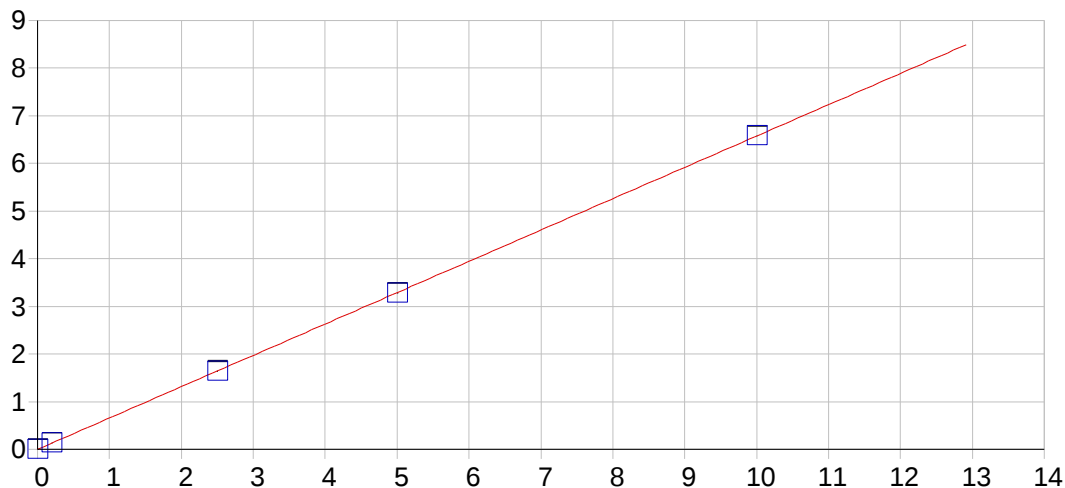
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014881 Re-Slope: 1.000000
 A1 (Gain): 0.082337 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000337
 Predicted MDL: 0.041225
 Predicted MQL: 0.137415

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0132	.013	.659	.15088	.004	1
S0	.00000	.00001	.000	.000	-.01488	.001	1
S3	12.500	12.350	-.150	-1.20	1.0020	.004	1
S4	25.000	24.825	-.175	-.700	2.0291	.009	1
S5	50.000	50.312	.312	.623	4.1276	.006	1



Mo 202.030 {467}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

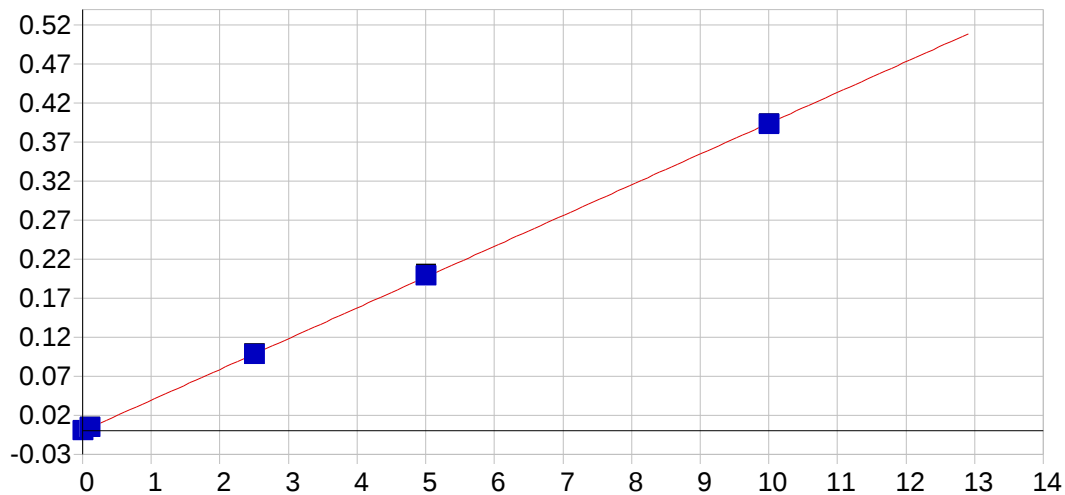
Weighting: 1/Conc

A0 (Offset): 0.000141
 A1 (Gain): 0.657519
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000267
 Predicted MDL: 0.000335
 Predicted MQL: 0.001117

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	.00014	.000	1
S1	.20000	.20949	.009	4.74	.13788	.001	1
S3	2.5000	2.4960	-.004	-.160	1.6413	.015	1
S4	5.0000	4.9870	-.013	-.260	3.2792	.000	1
S5	10.000	10.008	.008	.075	6.5803	.009	1

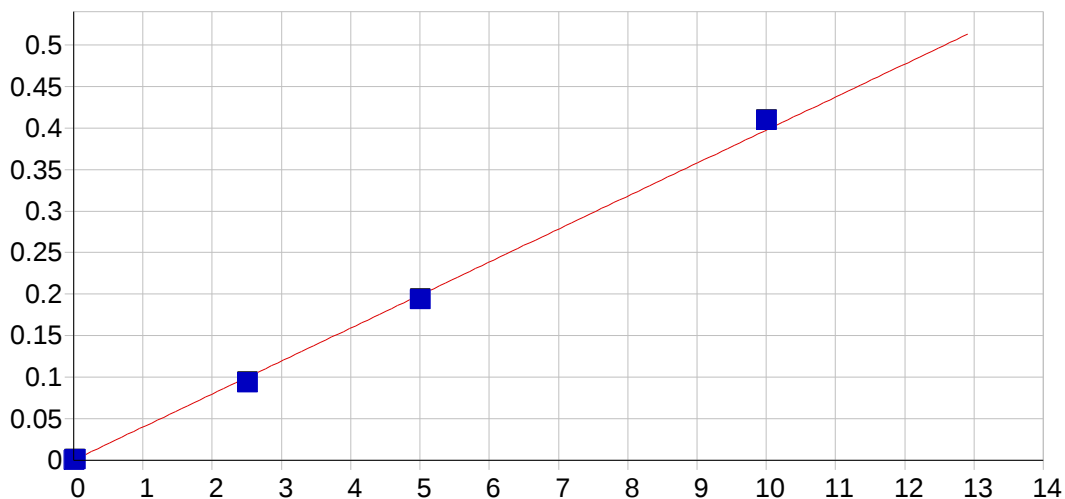


B 249.678 {135}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.039427 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.009570
 Predicted MQL: 0.031901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.10000	.10302	.003	3.02	.00407	.000	1
S3	2.5000	2.4857	-.014	-.571	.09780	.001	1
S4	5.0000	5.0433	.043	.865	.19841	.002	1
S5	10.000	9.9680	-.032	-.320	.39211	.000	1



S 182.034 {485}

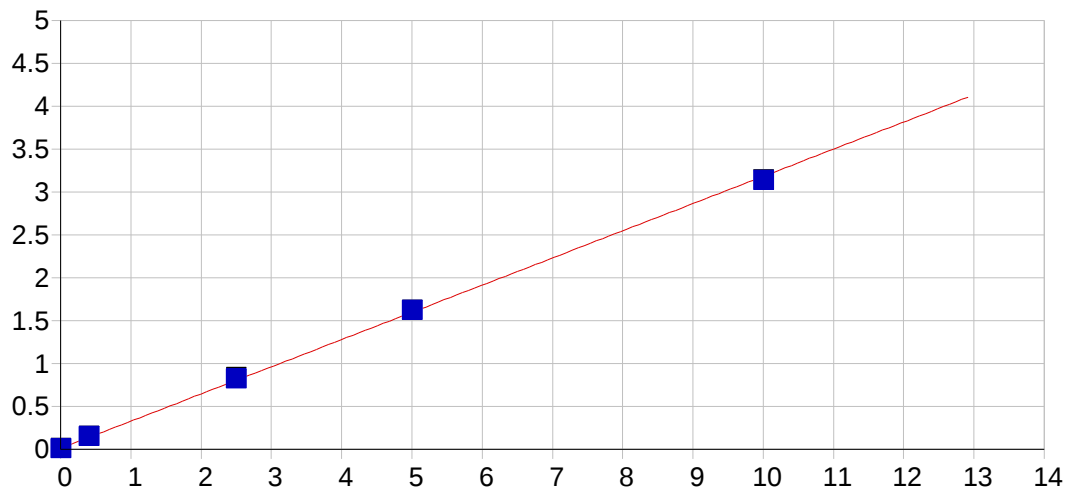
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000304 Re-Slope: 1.000000
 A1 (Gain): 0.039714 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999339
 Std Error of Est: 0.000035
 Predicted MDL: 0.003570
 Predicted MQL: 0.011901

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.02000	.01715	-.003	-14.3	.00096	.000	1
S3	2.5000	2.3415	-.159	-6.34	.09318	.001	1
S4	5.0000	4.8628	-.137	-2.74	.19320	.000	1
S5	10.000	10.299	.299	2.99	.40886	.000	1



Si 288.158 {117}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

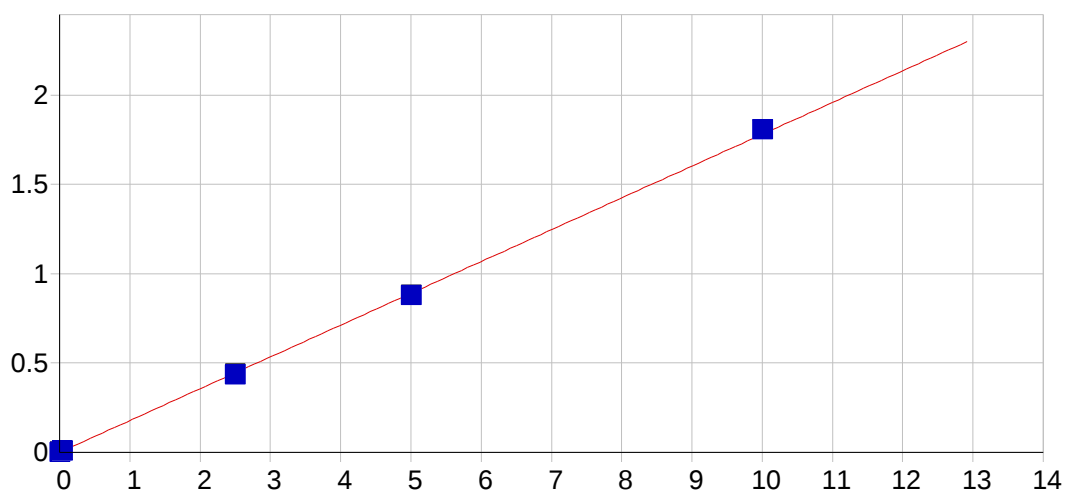
Weighting: 1/Conc

A0 (Offset): 0.011022
 A1 (Gain): 0.317148
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000633
 Predicted MDL: 0.003180
 Predicted MQL: 0.010598

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01101	.000	1
S1	.40000	.42630	.026	6.58	.14612	.002	1
S3	2.5000	2.5559	.056	2.24	.82121	.014	1
S4	5.0000	5.0649	.065	1.30	1.6165	.005	1
S5	10.000	9.8529	-.147	-1.47	3.1342	.006	1

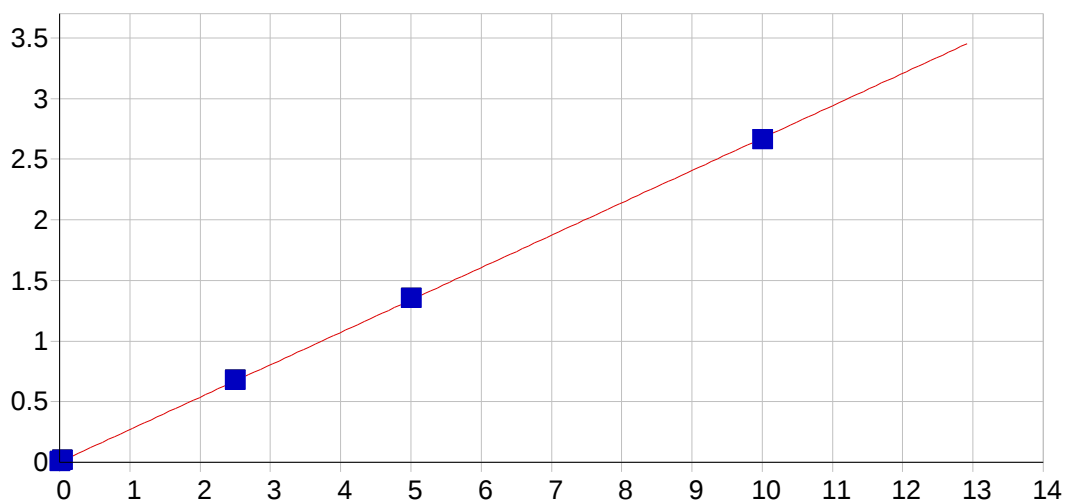


Sn 189.989 {477}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000323 Re-Slope: 1.000000
 A1 (Gain): 0.177988 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000817
 Predicted MQL: 0.002723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.04000	.04351	.004	8.77	.00807	.000	1
S3	2.5000	2.4357	-.064	-2.57	.43392	.002	1
S4	5.0000	4.9295	-.071	-1.41	.87787	.001	1
S5	10.000	10.131	.131	1.31	1.8039	.002	1



Ti 336.121 {100}

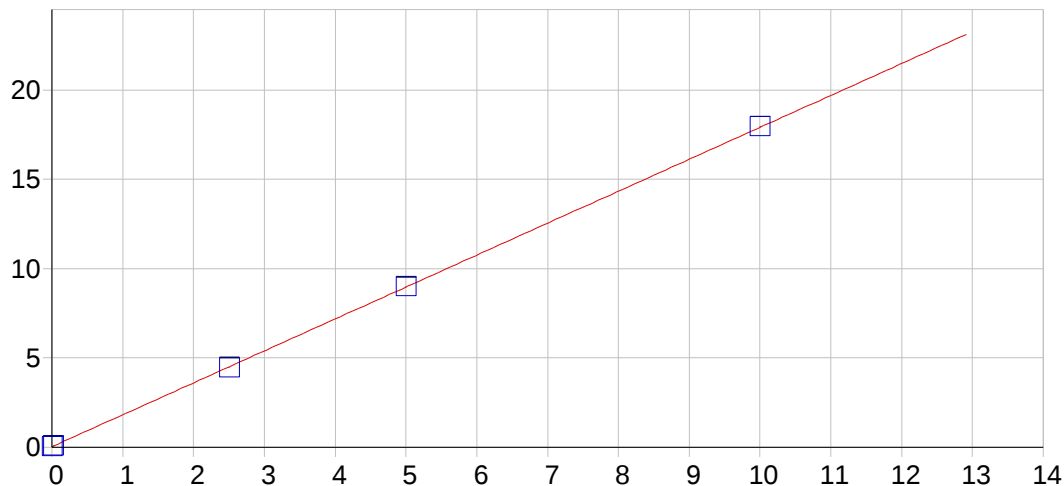
Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003163 Re-Slope: 1.000000
 A1 (Gain): 0.267058 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000080
 Predicted MDL: 0.002397
 Predicted MQL: 0.007991

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00316	.000	1
S1	.04000	.04502	.005	12.5	.01518	.001	1
S3	2.5000	2.5103	.010	.412	.67347	.000	1
S4	5.0000	5.0422	.042	.843	1.3495	.002	1
S5	10.000	9.9425	-.057	-.575	2.6580	.004	1



Li 670.784 { 50}

Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

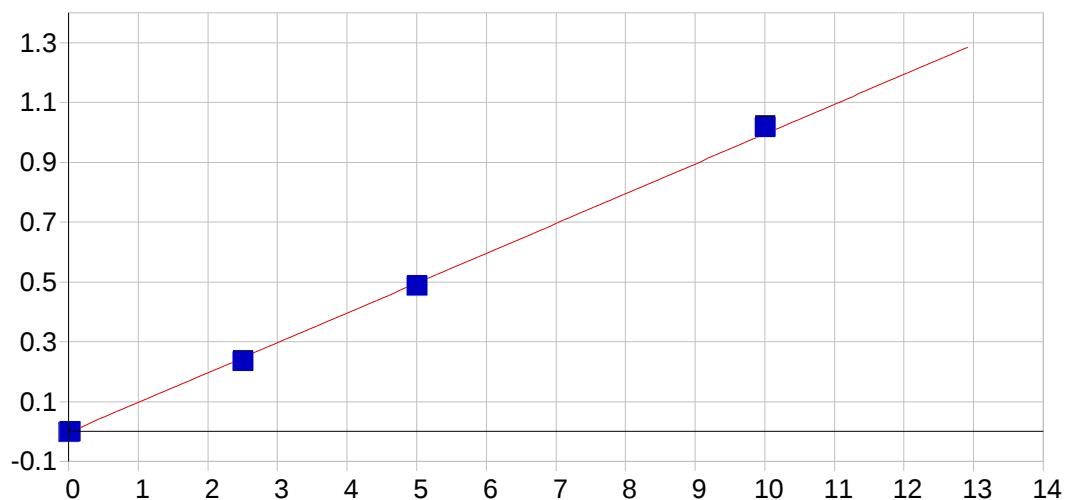
Weighting: 1/Conc

A0 (Offset): 0.033307
 A1 (Gain): 1.787285
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000188
 Predicted MDL: 0.001806
 Predicted MQL: 0.006019

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	.03331	.001	1
S1	.02000	.01911	-.001	-4.45	.06746	.001	1
S3	2.5000	2.4753	-.025	-.986	4.4574	.009	1
S4	5.0000	5.0044	.004	.088	8.9776	.013	1
S5	10.000	10.021	.021	.211	17.944	.007	1



P 177.495 {490}

Date of Fit: 11/15/2018 11:44:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002969 Re-Slope: 1.000000
 A1 (Gain): 0.099733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999618 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.001659
 Predicted MQL: 0.005530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00297	.000	1
S1	.02000	.01843	-.002	-7.85	-.00114	.000	1
S3	2.5000	2.3774	-.123	-4.90	.23378	.002	1
S4	5.0000	4.8978	-.102	-2.04	.48478	.001	1
S5	10.000	10.226	.226	2.26	1.0155	.003	1



Y 224.306 {450}*

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

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

Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain





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

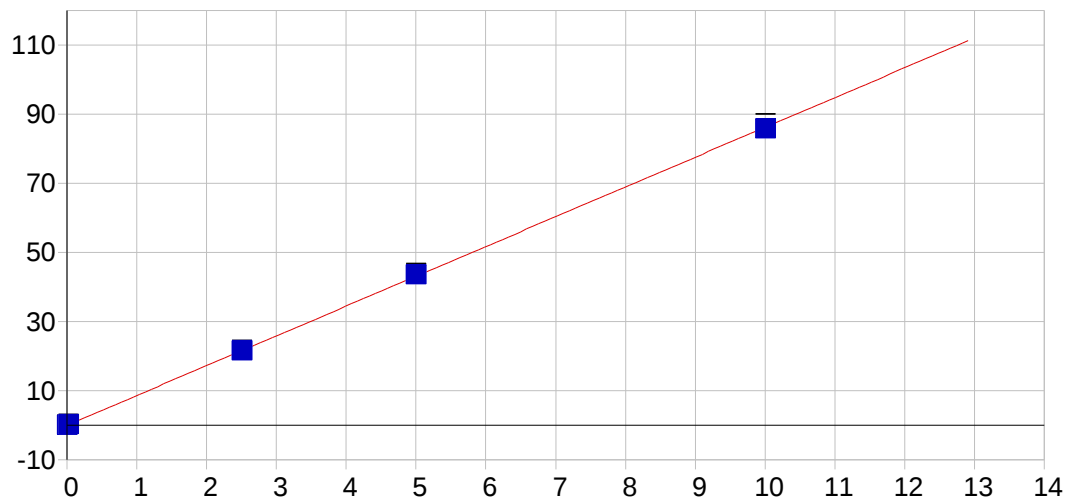
Status: Warning Zero Gain

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: 11/15/2018 11:44:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005375

Re-Slope: 1.000000

A1 (Gain): 8.618381

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

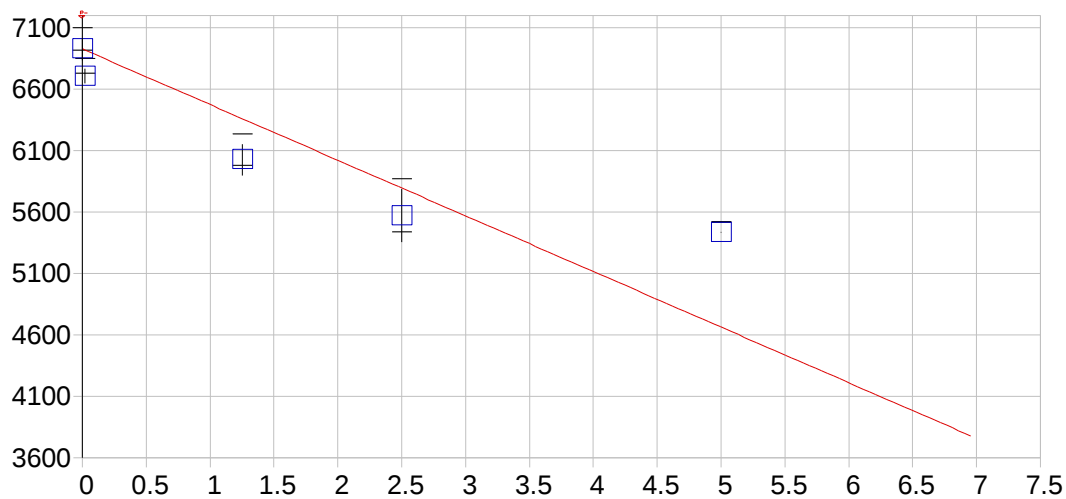
Status: OK.

Std Error of Est: 0.001586

Predicted MDL: 0.000136

Predicted MQL: 0.000453

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00539	.000	1
S1	.02000	.02127	.001	6.33	.17886	.002	1
S3	2.5000	2.5019	.002	.076	21.581	.021	1
S4	5.0000	5.0548	.055	1.10	43.606	.250	1
S5	10.000	9.9421	-.058	-.579	85.774	1.36	1



Date of Fit: 11/15/2018 11:44:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 6927.833254

Re-Slope: 1.000000

A1 (Gain): -452.867483

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.648976

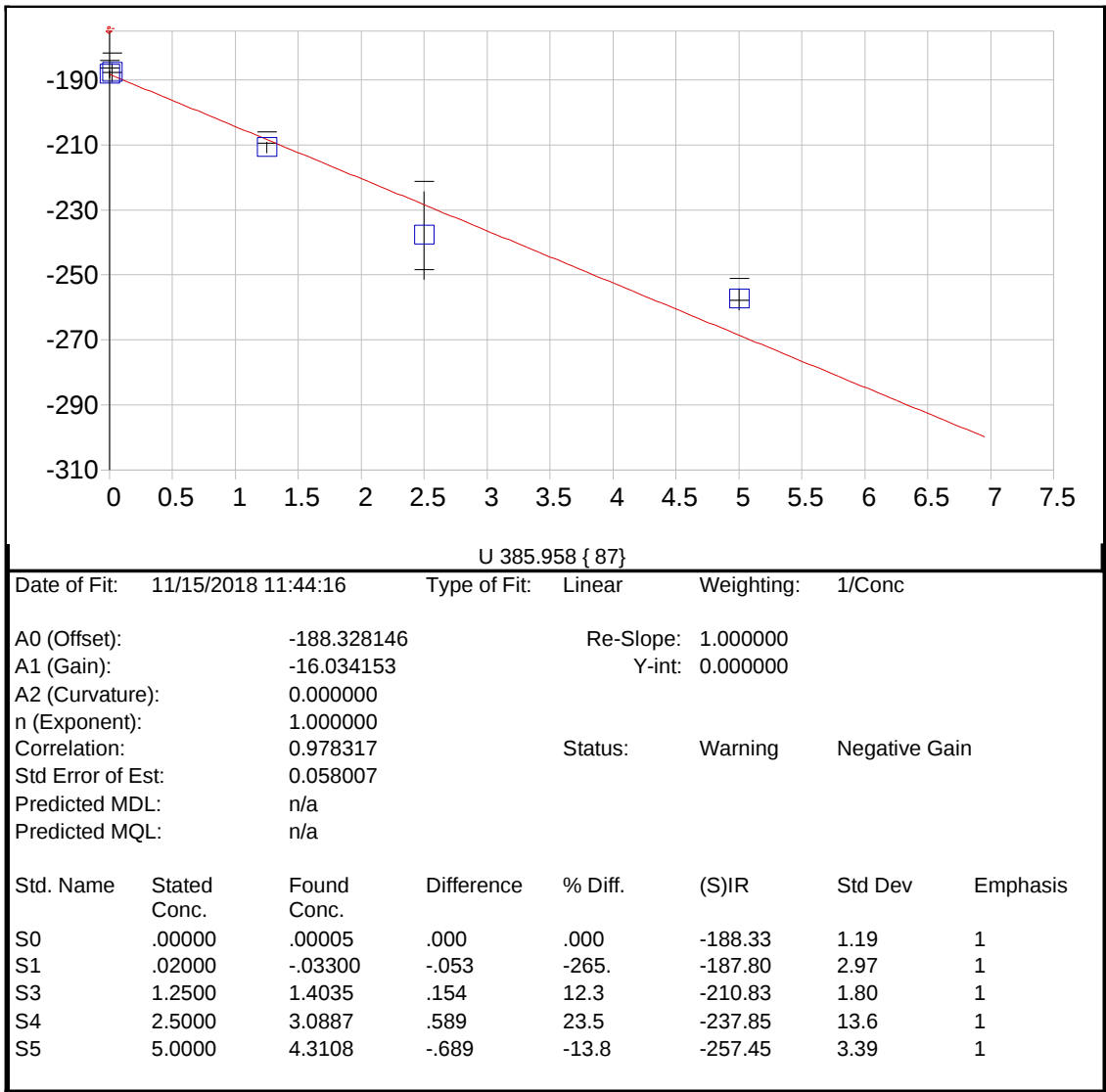
Status: Warning Negative Gain

Std Error of Est: 9.072479

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00048	-.000	.000	6928.0	90.2	1
S1	.02000	.48744	.467	2340.	6707.1	60.4	1
S3	1.2500	1.9904	.740	59.2	6026.4	128.	1
S4	2.5000	2.9946	.495	19.8	5571.7	217.	1
S5	5.0000	3.2975	-1.70	-34.0	5434.5	2.97	1



Sample Name: S0 Acquired: 11/15/2018 11:20:47 Type: Cal
Method: P4-ICP2(v2585) 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	.00004	-.00050	.00298	-.00001	.00031	.00001	.06821	.00006
Stddev	.00001	.00001	.00008	.00014	.00002	.00003	.00243	.00001
%RSD	16.883	2.2635	2.5785	958.32	6.4023	284.43	3.5583	16.938

#1	.00004	-.00050	.00303	.00008	.00030	-.00001	.06993	.00006
#2	.00003	-.00051	.00292	-.00011	.00032	.00003	.06649	.00007

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	-.00063	.00099	.00011	-.00015	-.00004	-.01846	.00044	.00021
Stddev	.00016	.00021	.00001	.00032	.00026	.00001	.00000	.00015
%RSD	26.123	21.503	13.118	220.16	674.74	.05088	.78045	71.476

#1	-.00051	.00115	.00010	-.00038	-.00022	-.01845	.00044	.00031
#2	-.00075	.00084	.00012	.00008	.00015	-.01847	.00044	.00010

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	-.00603	.00009	.09789	.00002	.11441	-.01488	.00014	.00003
Stddev	.00018	.00007	.00111	.00008	.01657	.00128	.00007	.00012
%RSD	2.9432	71.641	1.1360	540.42	14.479	8.6326	48.046	445.81

#1	-.00590	.00005	.09711	-.00004	.12613	-.01397	.00018	-.00006
#2	-.00615	.00014	.09868	.00007	.10270	-.01579	.00009	.00011

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	.00030	.01101	.00032	.00316	.03331	-.0030	-.00539	6928.0
Stddev	.00012	.00007	.00002	.00019	.00126	.0001	.00026	90.2
%RSD	38.497	.59093	4.7009	5.9085	3.7800	2.922	4.8258	1.3022

#1	.00039	.01106	.00033	.00329	.03420	-.0030	-.00520	6864.3
#2	.00022	.01097	.00031	.00303	.03242	-.0029	-.00557	6991.8

Sample Name: S0 Acquired: 11/15/2018 11:20:47 Type: Cal
 Method: P4-ICP2(v2585) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-188.33
Stddev	1.19
%RSD	.63183

#1	-189.17
#2	-187.49

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.9	50998.	4970.8	113.98	4069.1
Stddev	8.9	1238.	40.6	1.54	7.9
%RSD	.23959	2.4278	.81581	1.3493	.19518

#1	3692.7	50123.	4942.2	112.89	4063.5
#2	3705.2	51874.	4999.5	115.07	4074.8

Sample Name: S1 Acquired: 11/15/2018 11:24:50 Type: Cal
Method: P4-ICP2(v2585) 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	.00129	.00619	.00665	.00135	.00828	.00074	.55044	.00643
Stddev	.00008	.00002	.00001	.00024	.00035	.00017	.00379	.00020
%RSD	6.2920	.26845	.10121	17.480	4.2402	22.530	.68788	3.0361

#1	.00135	.00618	.00665	.00151	.00852	.00063	.55311	.00656
#2	.00124	.00620	.00666	.00118	.00803	.00086	.54776	.00629

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	.01824	.00189	.03676	.01398	.12263	.03049	.02136	.00202
Stddev	.00012	.00009	.00049	.00018	.02396	.00032	.00024	.00000
%RSD	.67444	4.8021	1.3388	1.2953	19.540	1.0528	1.1337	.19508

#1	.01833	.00195	.03710	.01411	.13958	.03071	.02153	.00202
#2	.01816	.00183	.03641	.01385	.10569	.03026	.02119	.00203

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	.00955	3.9151	.13788	.00407	.00096	.14612	.00807	.01518
Stddev	.00011	.1816	.00104	.00018	.00007	.00233	.00022	.00053
%RSD	1.1361	4.6389	.75279	4.4425	7.4491	1.5973	2.7779	3.4688

#1	.00963	4.0435	.13862	.00394	.00091	.14777	.00822	.01555
#2	.00948	3.7867	.13715	.00420	.00101	.14447	.00791	.01481

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06746	-.0011	.17886	6707.1	-187.80
Stddev	.00057	.0000	.00218	60.4	2.97
%RSD	.85069	3.430	1.2172	.90114	1.5807

#1	.06706	-.0011	.18040	6749.8	-189.90
#2	.06787	-.0012	.17732	6664.4	-185.70

Sample Name: S1 Acquired: 11/15/2018 11:24:50 Type: Cal
Method: P4-ICP2(v2585) 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	3697.6	51178.	4931.1	112.88	4037.5
Stddev	12.8	98.	58.8	4.61	20.8
%RSD	.34726	.19117	1.1928	4.0874	.51413
#1	3688.5	51109.	4889.5	109.62	4022.9
#2	3706.6	51247.	4972.7	116.14	4052.2

Sample Name: S2 Acquired: 11/15/2018 11:28:54 Type: Cal
Method: P4-ICP2(v2585) 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	.07558	.02158	.65279	.15088
Stddev	.00263	.00095	.01629	.00393
%RSD	3.4754	4.3960	2.4958	2.6018

#1	.07372	.02091	.64127	.14810
#2	.07744	.02225	.66431	.15365

Int. Std.	Y_3710
Units	Cts/S
Avg	4983.1
Stddev	109.5
%RSD	2.1965

#1	5060.5
#2	4905.7

Sample Name: S3 Acquired: 11/15/2018 11:32:50 Type: Cal
Method: P4-ICP2(v2585) 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	.14090	.38270	.67629	.16772	.35122	.03511	21.875	.12579
Stddev	.00207	.00143	.00185	.00234	.00298	.00020	.062	.00180
%RSD	1.4671	.37467	.27427	1.3937	.84854	.56030	.28474	1.4337

#1	.14236	.38371	.67760	.16937	.35333	.03524	21.919	.12706
#2	.13943	.38169	.67498	.16607	.34912	.03497	21.831	.12451

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8979	.45671	.08667	1.3573	.41042	3.2112	1.6752	.13039
Stddev	.0081	.00057	.00088	.0027	.00395	.0266	.0262	.00127
%RSD	.20720	.12427	1.0152	.19956	.96145	.82884	1.5667	.97160

#1	3.9036	.45711	.08730	1.3592	.41321	3.2300	1.6938	.13129
#2	3.8922	.45631	.08605	1.3554	.40763	3.1924	1.6567	.12950

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	.75831	.11603	3.4836	.26908	104.53	1.0020	1.6413	.09780
Stddev	.00236	.00168	.0172	.00456	1.68	.0045	.0154	.00061
%RSD	.31134	1.4454	.49390	1.6930	1.6099	.44545	.93986	.62381

#1	.75998	.11722	3.4957	.27230	105.72	1.0052	1.6522	.09823
#2	.75664	.11485	3.4714	.26586	103.34	.99885	1.6304	.09737

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	.09318	.82121	.43392	.67347	4.4574	.2338	21.581	6026.4
Stddev	.00055	.01385	.00177	.00016	.0092	.0019	.021	127.6
%RSD	.58571	1.6866	.40709	.02354	.20567	.8326	.09528	2.1166

#1	.09357	.83101	.43517	.67358	4.4639	.2352	21.595	5936.2
#2	.09280	.81142	.43267	.67336	4.4510	.2324	21.566	6116.6

Sample Name: S3 Acquired: 11/15/2018 11:32:50 Type: Cal
Method: P4-ICP2(v2585) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-210.83
Stddev	1.80
%RSD	.85556

#1	-209.56
#2	-212.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.9	48818.	4916.8	109.68	3766.0
Stddev	37.8	775.	58.8	1.97	14.7
%RSD	1.0519	1.5875	1.1958	1.7919	.39044

#1	3564.2	48270.	4875.2	108.29	3755.6
#2	3617.6	49366.	4958.3	111.07	3776.4

Sample Name: S4 Acquired: 11/15/2018 11:36:37 Type: Cal
Method: P4-ICP2(v2585) 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	.28535	.76644	1.3652	.33625	.70191	.07141	43.618	.25348
Stddev	.00006	.00100	.0041	.00010	.00041	.00286	.102	.00669
%RSD	.01982	.13091	.30155	.03014	.05877	4.0002	.23385	2.6395

#1	.28531	.76573	1.3623	.33633	.70162	.06939	43.690	.24875
#2	.28539	.76715	1.3681	.33618	.70220	.07343	43.546	.25821

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	7.9313	.90964	.17417	2.7460	.80973	6.3864	3.3443	.26084
Stddev	.0149	.00770	.00481	.0013	.00236	.1073	.0996	.00007
%RSD	.18723	.84641	2.7599	.04670	.29163	1.6804	2.9772	.02838

#1	7.9208	.91509	.17077	2.7451	.81140	6.3105	3.2739	.26089
#2	7.9418	.90420	.17757	2.7469	.80806	6.4623	3.4147	.26079

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	1.5282	.23101	6.8725	.54090	208.11	2.0291	3.2792	.19841
Stddev	.0012	.00534	.0097	.01580	3.22	.0090	.0002	.00181
%RSD	.07903	2.3135	.14104	2.9207	1.5490	.44170	.00560	.91332

#1	1.5273	.22723	6.8794	.52973	205.83	2.0355	3.2791	.19969
#2	1.5290	.23479	6.8657	.55207	210.39	2.0228	3.2793	.19713

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	.19320	1.6165	.87787	1.3495	8.9776	.4848	43.606	5571.7
Stddev	.00036	.0046	.00134	.0016	.0125	.0010	.250	216.6
%RSD	.18498	.28312	.15320	.11713	.13925	.2099	.57430	3.8877

#1	.19295	1.6197	.87691	1.3507	8.9865	.4841	43.783	5724.8
#2	.19346	1.6133	.87882	1.3484	8.9688	.4855	43.429	5418.5

Sample Name: S4 Acquired: 11/15/2018 11:36:37 Type: Cal
Method: P4-ICP2(v2585) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-237.85
Stddev	13.57
%RSD	5.7071

#1	-228.25
#2	-247.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.2	46506.	4726.8	105.14	3538.6
Stddev	10.4	1259.	48.3	1.45	4.2
%RSD	.30014	2.7062	1.0220	1.3768	.11753

#1	3453.9	47396.	4692.6	106.16	3535.7
#2	3468.6	45616.	4760.9	104.12	3541.6

Sample Name: S5 Acquired: 11/15/2018 11:40:24 Type: Cal
Method: P4-ICP2(v2585) 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	.58211	1.5421	2.7969	.67766	1.4223	.14274	86.069	.49389
Stddev	.00057	.0027	.0064	.00190	.0029	.00096	.640	.00048
%RSD	.09868	.17572	.22898	.28017	.20705	.66938	.74310	.09779
#1	.58252	1.5440	2.8014	.67632	1.4244	.14206	85.616	.49424
#2	.58170	1.5402	2.7924	.67900	1.4202	.14341	86.521	.49355
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.295	1.8043	.33298	5.6481	1.6014	12.596	6.4154	.51757
Stddev	.019	.0014	.00018	.0056	.0029	.226	.0075	.00342
%RSD	.11787	.07491	.05404	.09966	.18243	1.7972	.11647	.66172
#1	16.308	1.8034	.33285	5.6521	1.6034	12.757	6.4206	.51515
#2	16.281	1.8053	.33311	5.6442	1.5993	12.436	6.4101	.51999
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	3.1242	.44965	13.708	1.0493	407.97	4.1276	6.5803	.39211
Stddev	.0038	.00069	.026	.0007	9.81	.0057	.0085	.00036
%RSD	.12170	.15447	.18651	.06321	2.4037	.13783	.12967	.09220
#1	3.1268	.45015	13.690	1.0488	414.91	4.1236	6.5863	.39186
#2	3.1215	.44916	13.726	1.0498	401.04	4.1316	6.5742	.39237
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	.40886	3.1342	1.8039	2.6580	17.944	1.015	85.774	5434.5
Stddev	.00021	.0064	.0017	.0043	.007	.003	1.361	3.0
%RSD	.05241	.20323	.09223	.16355	.03795	.3319	1.5861	.05465
#1	.40871	3.1387	1.8051	2.6550	17.939	1.018	84.812	5436.6
#2	.40901	3.1297	1.8027	2.6611	17.949	1.013	86.736	5432.4

Sample Name: S5 Acquired: 11/15/2018 11:40:24 Type: Cal
Method: P4-ICP2(v2585) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-257.45
Stddev	3.39
%RSD	1.3173

#1	-259.85
#2	-255.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.3	46513.	4739.6	104.41	3313.8
Stddev	17.5	160.	34.4	2.85	17.5
%RSD	.52123	.34334	.72536	2.7327	.52955

#1	3337.9	46400.	4715.2	102.39	3301.4
#2	3362.6	46625.	4763.9	106.42	3326.2

Sample Name: ICV01 Acquired: 11/15/2018 11:44:19 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0276	1.0608	1.0180	1.0347	1.0169	2.4900	.52065	.48287
Stddev	.0062	.0056	.0076	.0045	.0005	.0134	.00353	.00786
%RSD	.60228	.53201	.74296	.43125	.05199	.53661	.67754	1.6282
#1	1.0232	1.0568	1.0126	1.0379	1.0166	2.4995	.52314	.48843
#2	1.0320	1.0648	1.0233	1.0316	1.0173	2.4806	.51815	.47731
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49466	F 10.642	.49194	.50797	.51258	5.1090	.50537	6.1845
Stddev	.00116	.143	.00761	.00277	.00421	.0671	.00804	.0667
%RSD	.23450	1.3452	1.5467	.54576	.82175	1.3137	1.5910	1.0784
#1	.49384	10.541	.49732	.50601	.50960	5.0615	.51106	6.1374
#2	.49548	10.743	.48656	.50993	.51556	5.1564	.49969	6.2317
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51128	.49643	10.010	.48865	1.0316	10.161	2.6114	2.5803
Stddev	.00410	.00857	.047	.00714	.0043	.022	.0102	.0026
%RSD	.80153	1.7253	.46683	1.4620	.41607	.21795	.39208	.10022
#1	.50838	.50248	10.043	.49370	1.0346	10.145	2.6042	2.5821
#2	.51418	.49037	9.9766	.48359	1.0285	10.177	2.6187	2.5784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00705	2.5484	2.5307	2.5985	F .00018	F .0007	F .00691	F 1.8299
Stddev	.00318	.0017	.0167	.0113	.00011	.0003	.00002	.2802
%RSD	45.063	.06781	.65936	.43337	59.338	34.23	.32967	15.309
#1	.00480	2.5496	2.5189	2.5905	.00011	.0009	.00689	2.0280
#2	.00930	2.5472	2.5425	2.6064	.00026	.0006	.00692	1.6319

Sample Name: ICV01 Acquired: 11/15/2018 11:44:19 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9399
Stddev	.0877
%RSD	4.5206

#1	2.0019
#2	1.8779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.8	51059.	4912.6	111.37	3805.6
Stddev	1.4	871.	28.3	.73	1.0
%RSD	.03835	1.7065	.57659	.65355	.02645

#1	3552.7	50443.	4892.6	110.85	3806.3
#2	3550.8	51675.	4932.7	111.88	3804.9

Sample Name: LLICV01 Acquired: 11/15/2018 11:48:09 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02062	.04553	.01275	.02040	.05540	.09071	.11264	.00631
Stddev	.00053	.00057	.00010	.00144	.00062	.00059	.00229	.00020
%RSD	2.5495	1.2585	.80197	7.0415	1.1119	.65574	2.0312	3.1869
#1	.02099	.04594	.01282	.01939	.05584	.09113	.11425	.00645
#2	.02025	.04512	.01268	.02142	.05497	.09029	.11102	.00617
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.2000	.01031	.03348	.01978	.11487	.02254	2.2083
Stddev	.00000	.0172	.00029	.00014	.00021	.00653	.00033	.0513
%RSD	.01327	.78284	2.7793	.41783	1.0392	5.6868	1.4832	2.3231
#1	.00593	2.2122	.01051	.03358	.01964	.11949	.02278	2.2446
#2	.00593	2.1879	.01010	.03338	.01993	.11026	.02231	2.1721
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04380	.01040	2.0348	.04358	.04551	2.0265	.21213	.11280
Stddev	.00027	.00010	.0309	.00092	.00018	.0182	.00106	.00620
%RSD	.61919	1.0054	1.5170	2.1101	.39159	.89664	.50165	5.4944
#1	.04361	.01033	2.0566	.04423	.04538	2.0137	.21138	.11718
#2	.04399	.01048	2.0129	.04293	.04563	2.0394	.21288	.10841
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01489	.43925	.04487	.04386	.01905	.0182	.02203	F 1.5111
Stddev	.00247	.00351	.00013	.00479	.00101	.0012	.00031	.2199
%RSD	16.596	.79858	.29142	10.927	5.2833	6.460	1.4050	14.555
#1	.01664	.44173	.04477	.04725	.01834	.0173	.02225	1.6666
#2	.01315	.43677	.04496	.04047	.01976	.0190	.02181	1.3556

Sample Name: LLICV01 Acquired: 11/15/2018 11:48:09 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .51614
 Stddev .20269
 %RSD 39.271

#1 .37282
 #2 .65947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3614.4	51445.	4902.5	112.36	4002.6
Stddev	7.1	776.	50.6	.47	3.9
%RSD	.19767	1.5076	1.0331	.41429	.09808

#1	3619.5	50897.	4866.7	112.69	4005.4
#2	3609.4	51994.	4938.3	112.03	3999.9

Sample Name: ICB01 Acquired: 11/15/2018 11:52:13 Type: Unk
Method: P4-ICP2(v2585) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00024	-.00114	-.00406	.00289	-.01646	.00077	-.00003
Stddev	.00144	.00022	.00018	.00087	.00118	.01629	.00023	.00003
%RSD	873.78	89.239	15.762	21.379	40.683	99.027	30.648	106.63
#1	.00085	-.00040	-.00101	-.00467	.00206	-.02798	.00060	-.00004
#2	-.00118	-.00009	-.00126	-.00345	.00372	-.00493	.00093	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.01284	-.00020	.00008	-.00030	-.00040	-.00006	-.04491
Stddev	.00005	.01067	.00009	.00019	.00048	.00895	.00006	.05162
%RSD	45.884	83.107	46.387	228.47	155.90	2237.5	93.018	114.93
#1	-.00007	-.02038	-.00026	-.00005	.00003	-.00673	-.00010	-.00841
#2	-.00013	-.00529	-.00013	.00021	-.00064	.00593	-.00002	-.08141
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00027	-.13390	-.00035	-.00047	-.09304	.00006	.00430
Stddev	.00005	.00073	.00368	.00016	.00004	.00385	.00008	.00073
%RSD	14.620	268.44	2.7446	45.967	8.5155	4.1394	139.34	16.921
#1	.00030	-.00079	-.13130	-.00047	-.00050	-.09032	.00000	.00481
#2	.00037	.00025	-.13650	-.00024	-.00044	-.09577	.00012	.00379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00480	.00533	.00099	.00027	-.00212	-.0002	-.00007	F 1.7264
Stddev	.00025	.00055	.00029	.00222	.00005	.0003	.00002	.6740
%RSD	5.1888	10.286	28.841	831.91	2.2745	193.4	23.087	39.039
#1	-.00462	.00495	.00119	.00183	-.00208	.0001	-.00006	1.2498
#2	-.00497	.00572	.00079	-.00130	-.00215	-.0004	-.00008	2.2029

Sample Name: ICB01 Acquired: 11/15/2018 11:52:13 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .59201
Stddev	.08560
%RSD	14.459

#1	.65253
#2	.53148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.3	51200.	4928.0	115.05	4035.7
Stddev	26.4	2344.	62.7	1.00	35.1
%RSD	.72891	4.5776	1.2720	.86554	.86951

#1	3596.7	52857.	4883.7	114.35	4010.9
#2	3633.9	49542.	4972.3	115.76	4060.5

Sample Name: CRI01 Acquired: 11/15/2018 12:02:31 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02186	.04576	.01279	.01952	.05385	.09503	.11365	.00636
Stddev	.00075	.00033	.00007	.00177	.00062	.00177	.00081	.00006
%RSD	3.4089	.72340	.56163	9.0821	1.1438	1.8623	.71618	.96101
#1	.02133	.04552	.01284	.01827	.05341	.09378	.11423	.00632
#2	.02238	.04599	.01274	.02077	.05428	.09629	.11308	.00641
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00592	2.2316	.01011	.03364	.02192	.11223	.02302	2.2298
Stddev	.00002	.0078	.00054	.00010	.00017	.01785	.00014	.0143
%RSD	.38334	.34946	5.3521	.29876	.76492	15.901	.59511	.64018
#1	.00590	2.2371	.00973	.03371	.02204	.12485	.02292	2.2197
#2	.00594	2.2261	.01049	.03357	.02180	.09961	.02312	2.2399
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04394	.01028	2.0262	.04447	.04629	2.0073	.21568	.11369
Stddev	.00033	.00015	.0042	.00002	.00086	.0437	.00085	.00264
%RSD	.74592	1.4877	.20487	.05117	1.8526	2.1778	.39294	2.3232
#1	.04417	.01018	2.0291	.04445	.04568	1.9764	.21628	.11556
#2	.04371	.01039	2.0233	.04449	.04689	2.0382	.21508	.11182
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01720	.44455	.04441	.04478	.01847	.0190	.02238	F 2.3662
Stddev	.00037	.00126	.00045	.00075	.00064	.0009	.00007	.0163
%RSD	2.1486	.28303	1.0121	1.6795	3.4384	4.617	.32811	.68715
#1	.01694	.44544	.04409	.04531	.01892	.0196	.02243	2.3777
#2	.01746	.44366	.04473	.04425	.01802	.0184	.02232	2.3547

Sample Name: CRI01 Acquired: 11/15/2018 12:02:31 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .41339
Stddev	.55647
%RSD	134.61

#1	.01990
#2	.80687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.1	50081.	4849.7	110.92	3982.3
Stddev	4.3	.	15.3	1.69	11.6
%RSD	.12032	.00055	.31567	1.5194	.29122

#1	3578.2	50082.	4838.9	112.11	3990.5
#2	3572.1	50081.	4860.5	109.73	3974.1

Sample Name: ICSA01 Acquired: 11/15/2018 12:06:34 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	-.00878	-.00352	.00750	.00656	283.04	.00611	.00035
Stddev	.00112	.00143	.00169	.00223	.00133	3.60	.00055	.00003
%RSD	40.600	16.282	48.103	29.769	20.221	1.2733	8.9420	7.7074
#1	-.00197	-.00979	-.00472	.00908	.00562	280.49	.00649	.00033
#2	-.00356	-.00777	-.00232	.00592	.00749	285.59	.00572	.00037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	252.91	.05579	-.00044	-.00703	96.803	.01534	258.19
Stddev	.00067	8.31	.00035	.00010	.00137	4.575	.00018	10.42
%RSD	125.10	3.2870	.62496	22.673	19.544	4.7259	1.1866	4.0367
#1	-.00101	258.79	.05554	-.00037	-.00800	100.04	.01521	265.56
#2	-.00006	247.03	.05603	-.00052	-.00606	93.569	.01547	250.82
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00783	-.00495	-.06760	.00063	-.00098	-.08264	-.00093	.06870
Stddev	.00033	.00108	.01337	.00014	.00009	.00698	.00099	.00603
%RSD	4.1990	21.834	19.774	21.579	9.1946	8.4447	106.20	8.7720
#1	-.00760	-.00419	-.05815	.00054	-.00104	-.08757	-.00164	.06444
#2	-.00806	-.00572	-.07706	.00073	-.00092	-.07770	-.00023	.07297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00398	.00724	-.00214	.00341	-.0002	.00049	F 4.1886
Stddev	.00444	.00286	.00077	.00019	.00042	.0011	.00210	.3486
%RSD	313.26	72.016	10.610	8.9435	12.176	629.7	426.60	8.3220
#1	.00172	-.00195	.00779	-.00228	.00312	.0006	-.00099	3.9421
#2	-.00456	-.00600	.00670	-.00201	.00371	-.0010	.00198	4.4351

Sample Name: ICSA01 Acquired: 11/15/2018 12:06:34 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 5.5885
Stddev	.0790
%RSD	1.4138

#1	5.6444
#2	5.5326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.4	43429.	4801.2	105.14	3167.2
Stddev	16.0	680.	157.4	3.90	7.6
%RSD	.50156	1.5658	3.2788	3.7065	.23987

#1	3193.7	43910.	4689.9	102.38	3172.6
#2	3171.1	42948.	4912.5	107.89	3161.8

Sample Name: ICSAB01 Acquired: 11/15/2018 12:10:41 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10447	.09363	.04699	.06235	.63139	282.69	.54838	.55709
Stddev	.00092	.00165	.00285	.00364	.00278	10.68	.00057	.02419
%RSD	.87875	1.7585	6.0690	5.8418	.44029	3.7794	.10407	4.3415
#1	.10512	.09480	.04901	.06493	.62943	290.25	.54878	.57419
#2	.10382	.09247	.04498	.05978	.63336	275.14	.54798	.53998
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0254	261.46	.56375	.51531	.50959	99.111	.54177	266.58
Stddev	.0023	.45	.02696	.00109	.00046	1.324	.02226	.88
%RSD	.22093	.17323	4.7819	.21210	.09024	1.3360	4.1089	.32867
#1	1.0270	261.78	.58281	.51454	.50991	98.175	.55751	267.20
#2	1.0238	261.14	.54469	.51609	.50926	100.05	.52603	265.96
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0044	.21308	-.07301	.51642	1.0272	-.08265	F 1.0945	F 1.1498
Stddev	.0005	.00771	.01504	.02188	.0204	.01071	.0012	.0326
%RSD	.05162	3.6200	20.593	4.2361	1.9822	12.952	.10470	2.8349
#1	1.0047	.21853	-.06238	.53188	1.0128	-.09022	1.0937	1.1728
#2	1.0040	.20762	-.08365	.50095	1.0416	-.07508	1.0953	1.1267
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	F 1.0258	F 1.1044	F 1.0952	.00156	F .0005	F .00220	F 4.2048
Stddev	.00183	.0007	.0010	.0030	.00109	.0028	.00101	.3632
%RSD	225.22	.06596	.09360	.27340	70.025	537.0	46.138	8.6381
#1	-.00211	1.0263	1.1036	1.0930	.00079	-.0015	.00292	4.4616
#2	.00048	1.0253	1.1051	1.0973	.00233	.0025	.00148	3.9480

Sample Name: ICSAB01 Acquired: 11/15/2018 12:10:41 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 6.1716
 Stddev .0794
 %RSD 1.2857

#1 6.1155
 #2 6.2277

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3190.7	43983.	4680.4	103.27	3169.3
Stddev	10.0	1493.	7.9	1.85	13.1
%RSD	.31481	3.3944	.16836	1.7895	.41444

#1	3183.6	42927.	4685.9	104.57	3160.0
#2	3197.8	45039.	4674.8	101.96	3178.6

Sample Name: CCV01 Acquired: 11/15/2018 12:14:38 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0673	4.9628	4.9823	5.0143	5.1264	10.134	10.008	.24969
Stddev	.0147	.0176	.0047	.0411	.0304	.185	.012	.00825
%RSD	.29012	.35485	.09402	.82060	.59336	1.8304	.11552	3.3021
#1	5.0569	4.9503	4.9790	4.9852	5.1049	10.265	9.9996	.25552
#2	5.0777	4.9752	4.9856	5.0434	5.1479	10.003	10.016	.24386
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4682	25.674	.97951	2.4735	1.2637	4.8303	2.5239	24.718
Stddev	.0020	.391	.03926	.0067	.0093	.1502	.0877	.229
%RSD	.08152	1.5234	4.0078	.26916	.73517	3.1106	3.4767	.92563
#1	2.4668	25.397	1.0073	2.4688	1.2571	4.7240	2.5860	24.556
#2	2.4696	25.950	.95175	2.4782	1.2703	4.9365	2.4619	24.880
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4516	1.2307	24.229	2.4614	2.4542	24.641	5.0831	5.0317
Stddev	.0018	.0368	.069	.0862	.0281	.045	.0330	.0256
%RSD	.07130	2.9866	.28346	3.5040	1.1440	.18328	.64887	.50888
#1	2.4504	1.2567	24.180	2.5224	2.4343	24.609	5.0597	5.0136
#2	2.4529	1.2047	24.277	2.4005	2.4740	24.673	5.1064	5.0498
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9012	5.0478	4.9258	4.9463	4.9875	4.898	5.1604	F 3.6290
Stddev	.0217	.0004	.0035	.0466	.0240	.006	.0130	.4298
%RSD	.44203	.00827	.07097	.94198	.48198	.1297	.25166	11.844
#1	4.8859	5.0475	4.9234	4.9133	4.9705	4.893	5.1513	3.9329
#2	4.9165	5.0481	4.9283	4.9792	5.0045	4.902	5.1696	3.3251

Sample Name: CCV01 Acquired: 11/15/2018 12:14:38 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2933
Stddev .4347
%RSD 13.199

#1 2.9859
#2 3.6007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.0	47298.	4837.8	108.78	3535.5
Stddev	30.2	1455.	3.8	1.58	24.2
%RSD	.88463	3.0759	.07866	1.4491	.68360

#1	3437.4	46270.	4835.1	109.89	3552.6
#2	3394.7	48327.	4840.5	107.66	3518.4

Sample Name: LLCCV01 Acquired: 11/15/2018 12:18:24 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02018	.04495	.01280	.01675	.05443	.09706	.11368	.00639
Stddev	.00119	.00007	.00108	.00022	.00113	.01141	.00043	.00005
%RSD	5.8960	.15959	8.4053	1.3367	2.0798	11.756	.37947	.76304

#1	.02102	.04500	.01204	.01691	.05523	.10512	.11338	.00643
#2	.01933	.04490	.01356	.01660	.05363	.08899	.11399	.00636

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	2.2096	.01002	.03371	.02190	.11790	.02295	2.2618
Stddev	.00003	.0268	.00019	.00007	.00009	.00655	.00038	.0054
%RSD	.59073	1.2116	1.8603	.19449	.41041	5.5595	1.6544	.23820

#1	.00586	2.1907	.01016	.03376	.02196	.12254	.02322	2.2579
#2	.00590	2.2285	.00989	.03366	.02184	.11327	.02268	2.2656

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04358	.01035	1.9990	.04418	.04544	2.0011	.21502	F .12359
Stddev	.00029	.00014	.0017	.00077	.00031	.0102	.00025	.00052
%RSD	.66373	1.3364	.08311	1.7329	.68700	.51176	.11469	.42361

#1	.04337	.01045	1.9978	.04472	.04522	1.9939	.21520	.12322
#2	.04378	.01026	2.0001	.04364	.04566	2.0083	.21485	.12396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01407	.44533	.04390	.04571	.01966	.0173	.02241	F 2.3881
Stddev	.00028	.00015	.00055	.00092	.00069	.0010	.00009	.3320
%RSD	1.9965	.03448	1.2559	2.0065	3.5009	6.002	.39662	13.902

#1	.01387	.44544	.04429	.04506	.01917	.0181	.02235	2.6229
#2	.01427	.44522	.04351	.04636	.02014	.0166	.02247	2.1533

Sample Name: LLCCV01 Acquired: 11/15/2018 12:18:24 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .63816
Stddev	.60056
%RSD	94.108

#1	.21350
#2	1.0628

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.2	50238.	4858.9	112.50	4001.5
Stddev	1.8	560.	21.0	.52	8.7
%RSD	.05045	1.1148	.43149	.46618	.21784

#1	3580.9	49842.	4873.7	112.87	4007.7
#2	3583.5	50634.	4844.1	112.13	3995.4

Sample Name: CCB01 Acquired: 11/15/2018 12:22:29 Type: Unk
Method: P4-ICP2(v2585) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	.00034	-.00035	-.00518	.00320	-.00896	.00196	.00000
Stddev	.00197	.00165	.00068	.00196	.00074	.01190	.00015	.00000
%RSD	95.767	479.86	195.63	37.767	23.151	132.84	7.7306	187.12
#1	.00066	-.00082	.00013	-.00657	.00268	-.00054	.00207	-.00000
#2	.00345	.00151	-.00083	-.00380	.00372	-.01738	.00186	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.01729	-.00044	.00024	-.00047	.00059	-.00013	-.00165
Stddev	.00004	.01752	.00015	.00026	.00017	.00309	.00007	.01906
%RSD	49.985	101.32	34.566	111.12	35.826	520.64	51.800	1154.1
#1	-.00011	-.00490	-.00033	.00042	-.00059	.00278	-.00018	.01183
#2	-.00005	-.02968	-.00054	.00005	-.00035	-.00159	-.00008	-.01513
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00022	-.18781	-.00063	-.00053	-.18637	-.00011	.00043
Stddev	.00015	.00084	.00776	.00009	.00003	.02560	.00009	.00093
%RSD	75.415	374.40	4.1296	14.466	5.1494	13.734	82.514	216.27
#1	.00030	-.00037	-.18233	-.00057	-.00055	-.16827	-.00017	.00109
#2	.00009	.00082	-.19330	-.00070	-.00051	-.20447	-.00004	-.00023
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00631	.00565	.00113	.00076	-.00280	-.0020	.00000	F 2.3240
Stddev	.00439	.00303	.00117	.00040	.00049	.0015	.00011	.4582
%RSD	69.551	53.597	103.78	53.247	17.661	77.37	3828.6	19.717
#1	-.00321	.00779	.00196	.00104	-.00245	-.0030	-.00008	2.6480
#2	-.00942	.00351	.00030	.00047	-.00315	-.0009	.00008	2.0000

Sample Name: CCB01 Acquired: 11/15/2018 12:22:29 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .39226
Stddev	.39901
%RSD	101.72

#1	.11012
#2	.67440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3540.1	50733.	4759.2	109.49	3999.8
Stddev	76.0	980.	170.6	2.32	87.9
%RSD	2.1470	1.9319	3.5838	2.1151	2.1978

#1	3486.3	50040.	4638.5	107.85	3937.7
#2	3593.8	51426.	4879.8	111.13	4062.0

Sample Name: LR CHECK2 Acquired: 11/15/2018 12:26:35 Type: Unk
Method: P4-ICP2(v2585) 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	-0.00082	-0.01642	F 267.90	.01807	-0.03537	-0.31590	99.591	-0.00090
Stddev	.00063	.00162	.24	.00431	.00031	.01010	.917	.00004
%RSD	76.965	9.8792	.08929	23.823	.87722	3.1976	.92070	4.0427
#1	-0.00126	-0.01757	268.07	.01503	-0.03515	-0.30876	100.24	-0.00093
#2	-0.00037	-0.01528	267.73	.02112	-0.03559	-0.32304	98.942	-0.00088
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.00821	.17834	-0.14301	-0.00808	F 259.62	-0.88550	44.456	-0.08105
Stddev	.00006	.00994	.00053	.00016	2.33	.00825	.190	.03807
%RSD	.71445	5.5756	.37083	1.9863	.89924	.93132	.42828	46.966
#1	-0.00825	.18537	-0.14338	-0.00819	257.97	-0.89133	44.321	-0.05413
#2	-0.00817	.17131	-0.14263	-0.00797	261.27	-0.87967	44.591	-0.10797
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.711	.00890	.09809	-0.00421	F 37.546	.06562	-0.00524	.00061
Stddev	.091	.00023	.01579	.00002	.521	.00104	.00004	.00213
%RSD	.17877	2.5821	16.096	.43002	1.3869	1.5841	.79394	348.91
#1	50.647	.00874	.10925	-0.00419	37.914	.06488	-0.00521	-0.00090
#2	50.775	.00906	.08692	-0.00422	37.178	.06635	-0.00527	.00212
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08949	-0.00249	.00271	.02641	-0.00507	-0.1485	.00341	3.3834
Stddev	.00357	.00036	.00056	.00143	.00013	.0073	.00008	.0445
%RSD	3.9882	14.659	20.825	5.4226	2.6113	4.931	2.2691	1.3141
#1	.08697	-0.00223	.00311	.02540	-0.00498	-0.1433	.00347	3.3520
#2	.09202	-0.00275	.00231	.02743	-0.00517	-0.1536	.00336	3.4149

Sample Name: LR CHECK2 Acquired: 11/15/2018 12:26:35 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .96835
Stddev .04811
%RSD 4.9685

#1 1.0024
#2 .93433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3338.6	48854.	4928.1	107.50	3637.8
Stddev	13.2	147.	29.6	.64	8.0
%RSD	.39628	.30113	.60016	.59745	.22034

#1	3329.3	48958.	4907.2	107.05	3632.1
#2	3348.0	48750.	4949.0	107.96	3643.4

Sample Name: LR CHECK1 Acquired: 11/15/2018 12:31:07 Type: Unk
Method: P4-ICP2(v2585) 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	-.04205	-.07951	-.10607	.08357	.05661	F 2104.4	.00899
Stddev	.00505	.00175	.00709	.00195	.00701	33.4	.00031
%RSD	12.009	2.1999	6.6876	2.3387	12.374	1.5885	3.4810

#1	-.04562	-.07828	-.11108	.08219	.06156	2080.7	.00921
#2	-.03848	-.08075	-.10105	.08496	.05166	2128.0	.00877

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00491	.01850	F 1868.9	.11321	.04542	-.07568	F 959.52
Stddev	.00004	.00281	7.2	.00122	.00096	.00395	19.08
%RSD	.78407	15.187	.38525	1.0753	2.1076	5.2133	1.9889

#1	.00489	.01652	1874.0	.11235	.04475	-.07847	973.01
#2	.00494	.02049	1863.8	.11407	.04610	-.07289	946.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03025	F 1832.0	.10553	-.04675	1768.2	.00407	.09101
Stddev	.00008	8.1	.00140	.00132	54.4	.00046	.00141
%RSD	.27698	.44310	1.3258	2.8192	3.0742	11.236	1.5504

#1	.03031	1837.7	.10652	-.04582	1806.6	.00439	.09201
#2	.03019	1826.2	.10454	-.04768	1729.8	.00375	.09001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1095.9	.01317	.57421	.40900	-.00369	.05842	-.05408
Stddev	9.5	.00216	.02718	.00009	.00348	.00341	.00513
%RSD	.87080	16.386	4.7339	.02227	94.411	5.8369	9.4877

#1	1102.6	.01470	.59343	.40906	-.00123	.06084	-.05045
#2	1089.1	.01165	.55499	.40893	-.00615	.05601	-.05771

Sample Name: LR CHECK1 Acquired: 11/15/2018 12:31:07 Type: Unk
Method: P4-ICP2(v2585) 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	.05102	.0550	F -1.0347	4.7119	^ *****
Stddev	.00213	.0035	.0212	.0058	-----
%RSD	4.1782	6.306	2.0449	.12386	-----

#1	.04952	.0525	-1.0497	4.7161	^ -----
#2	.05253	.0574	-1.0197	4.7078	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.8	33938.	4145.0	78.188	2033.3
Stddev	9.1	178.	13.8	1.582	3.6
%RSD	.37279	.52548	.33375	2.0234	.17618

#1	2448.3	34064.	4135.3	77.070	2035.8
#2	2435.4	33812.	4154.8	79.307	2030.7

Sample Name: J5925-04 Acquired: 11/15/2018 12:47:45 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1S 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	-.00359	.05706	-.00128	.00507	.05220	.16361	.00002
Stddev	.00279	.00002	.00108	.00129	.00059	.00287	.00017	.00001
%RSD	603.57	.68249	1.8843	100.45	11.683	5.4912	.10207	30.750

#1	-.00243	-.00361	.05782	-.00037	.00465	.05017	.16373	.00002
#2	.00151	-.00358	.05630	-.00219	.00549	.05422	.16350	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	88.961	-.00056	.00233	.00338	.01178	.36616	2.7602
Stddev	.00007	.317	.00019	.00008	.00109	.00738	.00017	.0818
%RSD	39.529	.35658	34.590	3.3796	32.099	62.661	.04531	2.9624

#1	.00013	89.186	-.00042	.00227	.00415	.01700	.36628	2.8180
#2	.00023	88.737	-.00069	.00238	.00262	.00656	.36604	2.7023

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	-.00006	286.53	-.00023	.05542	2.8435	.00023	.02116
Stddev	.00036	.00002	2.99	.00017	.00065	.0183	.00007	.00319
%RSD	18.358	31.550	1.0442	75.749	1.1653	.64307	32.484	15.075

#1	.00224	-.00007	288.65	-.00035	.05496	2.8305	.00017	.02341
#2	.00172	-.00004	284.42	-.00011	.05588	2.8564	.00028	.01890

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36735	.74076	.00234	.00146	.01598	.0809	.39377	4.2678
Stddev	.00270	.00910	.00069	.00229	.00111	.0002	.00315	.2272
%RSD	.73507	1.2289	29.341	156.41	6.9368	.2127	.79951	5.3227

#1	.36926	.74720	.00186	.00308	.01520	.0808	.39599	4.4284
#2	.36544	.73432	.00283	-.00016	.01677	.0810	.39154	4.1072

Sample Name: J5925-04 Acquired: 11/15/2018 12:47:45 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6067
Stddev	.0304
%RSD	.84210

#1	3.6281
#2	3.5852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.4	45030.	4684.2	104.97	3385.7
Stddev	3.7	234.	46.6	1.12	6.3
%RSD	.11162	.51967	.99538	1.0653	.18494

#1	3289.0	44864.	4651.2	105.76	3381.3
#2	3283.8	45195.	4717.2	104.18	3390.1

Sample Name: J5925-04DUP Acquired: 11/15/2018 12:51:54 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00283	.05347	.00228	.00362	.04724	.16428	.00001
Stddev	.00028	.00053	.00068	.00298	.00046	.00080	.00564	.00003
%RSD	594.48	18.559	1.2799	130.59	12.669	1.6919	3.4326	414.07

#1	-.00015	-.00320	.05299	.00439	.00395	.04667	.16029	.00003
#2	.00024	-.00246	.05395	.00017	.00330	.04780	.16827	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	88.991	-.00013	.00240	.00311	.01829	.36475	2.7263
Stddev	.00004	3.727	.00026	.00000	.00030	.01428	.00077	.1381
%RSD	31.496	4.1883	189.22	.09214	9.5865	78.105	.21151	5.0666

#1	.00010	86.355	-.00032	.00240	.00332	.00819	.36529	2.6286
#2	.00016	91.626	.00005	.00241	.00290	.02838	.36420	2.8240

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	-.00074	288.06	-.00006	.05467	2.9165	.00005	.01692
Stddev	.00018	.00001	11.19	.00005	.00241	.1407	.00005	.00526
%RSD	8.6383	1.5068	3.8833	98.091	4.4084	4.8254	103.66	31.073

#1	.00199	-.00074	280.15	-.00009	.05296	2.8170	.00001	.01320
#2	.00224	-.00073	295.97	-.00002	.05637	3.0160	.00009	.02063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35854	.73234	.00314	-.00190	.02007	.0805	.39322	4.1080
Stddev	.00260	.02026	.00026	.00105	.00131	.0038	.01608	.0200
%RSD	.72553	2.7660	8.2580	55.476	6.5069	4.673	4.0899	.48735

#1	.36038	.71801	.00333	-.00115	.01915	.0831	.38185	4.0938
#2	.35670	.74666	.00296	-.00264	.02099	.0778	.40460	4.1221

Sample Name: J5925-04DUP Acquired: 11/15/2018 12:51:54 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1SDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.8275
Stddev	.6172
%RSD	16.124

#1	3.3911
#2	4.2639

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.7	45598.	4778.8	106.10	3482.8
Stddev	33.9	111.	156.2	4.32	41.3
%RSD	1.0037	.24245	3.2675	4.0688	1.1847

#1	3350.7	45520.	4889.2	109.15	3453.7
#2	3398.6	45677.	4668.4	103.05	3512.0

Sample Name: J5925-04LX5 Acquired: 11/15/2018 12:56:01 Type: Unk
Method: P4-ICP2(v2585) 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	.00013	-.00171	.01167	-.00214	.00281	.00189	.03189	.00002
Stddev	.00058	.00028	.00034	.00301	.00002	.02269	.00162	.00001
%RSD	452.38	16.101	2.8773	140.59	.78632	1200.6	5.0739	32.622

#1	.00054	-.00190	.01191	-.00427	.00279	-.01415	.03075	.00003
#2	-.00028	-.00151	.01143	-.00001	.00283	.01793	.03303	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	17.482	-.00083	.00045	-.00006	.01030	.07562	.49781
Stddev	.00007	.689	.00014	.00013	.00005	.01218	.00004	.00512
%RSD	133.60	3.9387	17.410	29.925	82.943	118.27	.05663	1.0280

#1	-.00010	16.995	-.00093	.00035	-.00010	.00169	.07565	.50142
#2	-.00000	17.969	-.00072	.00054	-.00003	.01891	.07559	.49419

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00037	56.301	-.00015	.01065	.55457	.00004	.00287
Stddev	.00045	.00046	1.825	.00045	.00034	.02979	.00008	.00835
%RSD	72.806	126.39	3.2412	291.60	3.1963	5.3709	206.14	290.93

#1	.00030	-.00004	55.010	-.00047	.01041	.53351	.00010	.00877
#2	.00094	-.00069	57.591	.00016	.01089	.57563	-.00002	-.00303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06474	.15188	.00117	.00151	.00252	.0142	.07695	3.0719
Stddev	.00052	.00239	.00079	.00109	.00034	.0016	.00224	.2139
%RSD	.80302	1.5707	67.153	72.088	13.431	11.40	2.9076	6.9637

#1	.06510	.15020	.00173	.00074	.00276	.0154	.07536	2.9207
#2	.06437	.15357	.00062	.00227	.00228	.0131	.07853	3.2232

Sample Name: J5925-04LX5 Acquired: 11/15/2018 12:56:01 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0875
Stddev .3439
%RSD 31.627

#1 1.3307
#2 .84428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.9	48706.	5085.9	116.15	3873.0
Stddev	122.3	234.	115.7	3.22	122.6
%RSD	3.4060	.48089	2.2755	2.7710	3.1646

#1	3505.4	48872.	5167.7	118.42	3786.4
#2	3678.4	48541.	5004.0	113.87	3959.7

Sample Name: J5925-04MS Acquired: 11/15/2018 13:00:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1SMS 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	.73751	1.6709	.91916	1.8169	.73680	1.9684	.36295	.18377	.17407
Stddev	.00582	.0163	.00820	.0201	.00605	.0285	.00901	.00190	.00141
%RSD	.78969	.97783	.89166	1.1071	.82048	1.4475	2.4814	1.0314	.81268

#1	.73339	1.6594	.91337	1.8027	.73252	1.9885	.36932	.18511	.17307
#2	.74163	1.6825	.92496	1.8311	.74107	1.9482	.35658	.18243	.17507

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.015	.35935	.18122	.27273	2.6924	.56877	4.6475	.44214	.06308
Stddev	2.087	.00407	.00093	.00326	.0269	.00644	.1153	.00363	.00096
%RSD	2.1732	1.1330	.51053	1.1969	.99798	1.1318	2.4800	.82123	1.5236

#1	97.490	.36223	.18057	.27042	2.7114	.57333	4.7290	.43957	.06376
#2	94.539	.35647	.18187	.27504	2.6734	.56422	4.5660	.44470	.06240

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	307.23	.27715	.23656	12.620	.40028	.28278	.38178	1.6208	.63808
Stddev	9.91	.00355	.00348	.302	.00489	.00090	.00115	.0423	.00989
%RSD	3.2250	1.2800	1.4710	2.3891	1.2227	.31999	.30150	2.6103	1.5501

#1	314.23	.27966	.23902	12.833	.39682	.28342	.38259	1.6507	.63109
#2	300.22	.27465	.23410	12.407	.40374	.28214	.38097	1.5909	.64507

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19130	.20694	5.555	.60932	4.2779	2.5003
Stddev	.00653	.00375	.043	.01539	.2901	.4315
%RSD	3.4130	1.8122	.7796	2.5250	6.7809	17.256

#1	.19591	.20960	5.525	.62020	4.4830	2.8054
#2	.18668	.20429	5.586	.59845	4.0728	2.1952

Sample Name: J5925-04MS Acquired: 11/15/2018 13:00:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1SMS 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	3317.9	45471.	4724.5	108.01	3435.7
Stddev	32.2	769.	121.8	1.69	26.6
%RSD	.96932	1.6906	2.5772	1.5608	.77298
#1	3340.6	44928.	4638.4	106.82	3454.4
#2	3295.2	46015.	4810.6	109.21	3416.9

Sample Name: J5925-04MSD Acquired: 11/15/2018 13:03:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1SMSD 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	.74645	1.7081	.93562	1.8437	.74635	1.9445	.34516	.18262	.17819
Stddev	.01917	.0636	.03698	.0662	.02619	.1187	.02336	.01339	.00706
%RSD	2.5679	3.7253	3.9528	3.5905	3.5092	6.1017	6.7673	7.3327	3.9627

#1	.73290	1.6631	.90947	1.7969	.72783	1.8606	.32864	.17315	.17320
#2	.76001	1.7531	.96177	1.8905	.76487	2.0284	.36168	.19209	.18318

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.007	.35504	.18493	.27827	2.5555	.56412	4.4464	.45139	.06295
Stddev	6.726	.02476	.00703	.00876	.1568	.04243	.3340	.01788	.00432
%RSD	7.3904	6.9749	3.8032	3.1484	6.1360	7.5216	7.5126	3.9614	6.8558

#1	86.252	.33753	.17996	.27208	2.4446	.53412	4.2102	.43874	.05990
#2	95.763	.37255	.18990	.28447	2.6663	.59413	4.6826	.46403	.06600

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	294.21	.27583	.22562	12.054	.40640	.27045	.38483	1.5723	.65158
Stddev	21.94	.02036	.01536	.804	.01516	.01805	.01210	.1183	.02711
%RSD	7.4587	7.3799	6.8099	6.6718	3.7305	6.6730	3.1453	7.5262	4.1602

#1	278.70	.26143	.21476	11.485	.39568	.25769	.37627	1.4887	.63241
#2	309.73	.29022	.23649	12.623	.41712	.28321	.39339	1.6560	.67074

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18327	.20008	5.673	.57808	3.9623	2.4397
Stddev	.01171	.01349	.220	.04118	.8087	.6067
%RSD	6.3920	6.7414	3.879	7.1233	20.410	24.868

#1	.17499	.19054	5.518	.54896	3.3904	2.0107
#2	.19155	.20962	5.829	.60720	4.5341	2.8687

Sample Name: J5925-04MSD Acquired: 11/15/2018 13:03:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1SMSD Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.0	46084.	4948.6	113.90	3383.9
Stddev	99.2	2892.	296.0	7.31	119.0
%RSD	3.0162	6.2759	5.9807	6.4156	3.5165
#1	3359.1	48129.	5157.9	119.07	3468.0
#2	3218.8	44039.	4739.3	108.74	3299.7

Sample Name: J5925-04A Acquired: 11/15/2018 13:07:51 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7694 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	.71692	1.6196	.88629	1.7612	.71150	1.9724	.36549	.18488	.16936
Stddev	.00023	.0029	.00077	.0030	.00072	.0635	.04133	.00458	.00009
%RSD	.03149	.18031	.08683	.16994	.10143	3.2213	11.310	2.4746	.05525
#1	.71708	1.6217	.88683	1.7634	.71201	2.0174	.39472	.18812	.16942
#2	.71676	1.6176	.88574	1.7591	.71099	1.9275	.33626	.18165	.16929
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.790	.36010	.17526	.26538	2.7238	.57097	4.7315	.42839	.06357
Stddev	10.849	.00906	.00055	.00093	.3565	.01345	.4059	.00020	.00141
%RSD	11.208	2.5166	.31121	.34867	13.089	2.3550	8.5779	.04739	2.2247
#1	104.46	.36651	.17565	.26472	2.9759	.58048	5.0185	.42825	.06457
#2	89.119	.35369	.17487	.26603	2.4717	.56146	4.4445	.42854	.06257
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	303.02	.27699	.23843	12.744	.38831	.27918	.36598	1.6599	.61567
Stddev	26.18	.00640	.03041	1.340	.00014	.01785	.00392	.1699	.00215
%RSD	8.6394	2.3101	12.754	10.517	.03636	6.3919	1.0711	10.234	.34951
#1	321.53	.28151	.25993	13.692	.38841	.29180	.36321	1.7800	.61415
#2	284.51	.27246	.21692	11.796	.38821	.26656	.36875	1.5398	.61719
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19391	.21358	5.385	.61273	4.2114	3.2003			
Stddev	.02175	.02331	.010	.06987	.1968	.9312			
%RSD	11.214	10.914	.1779	11.403	4.6721	29.099			
#1	.20929	.23006	5.392	.66214	4.3505	3.8587			
#2	.17853	.19710	5.379	.56332	4.0723	2.5418			

Sample Name: J5925-04A Acquired: 11/15/2018 13:07:51 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7694 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	3397.3	45564.	4710.4	107.44	3524.6
Stddev	12.9	1111.	457.6	13.64	4.1
%RSD	.38038	2.4390	9.7141	12.693	.11656
#1	3388.2	44778.	4386.9	97.794	3521.6
#2	3406.4	46350.	5034.0	117.08	3527.5

Sample Name: J5925-08 Acquired: 11/15/2018 13:11:46 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	-.00303	.01087	.00185	.00148	.15409	.15557	.00050
Stddev	.00156	.00091	.00050	.00132	.00001	.01684	.01172	.00008
%RSD	130.18	30.207	4.5920	71.433	.75256	10.926	7.5342	14.921

#1	-.00230	-.00238	.01123	.00092	.00149	.14218	.16386	.00056
#2	-.00010	-.00367	.01052	.00279	.00147	.16599	.14728	.00045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	26.130	-.00045	.02160	.00432	4.8663	.78699	1.5028
Stddev	.00004	1.873	.00002	.00015	.00018	.3379	.03358	.0726
%RSD	48.812	7.1685	4.7322	.71044	4.1121	6.9445	4.2663	4.8304

#1	-.00005	27.455	-.00046	.02171	.00420	5.1053	.76325	1.5541
#2	-.00010	24.806	-.00043	.02149	.00445	4.6274	.81073	1.4515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00520	-.00063	273.70	.00012	.02260	1.4937	-.00007	.01776
Stddev	.00034	.00014	16.76	.00018	.00180	.0531	.00017	.00421
%RSD	6.4877	22.696	6.1219	143.78	7.9449	3.5527	227.22	23.706

#1	.00543	-.00073	285.55	-.00000	.02387	1.5312	-.00019	.01479
#2	.00496	-.00053	261.85	.00025	.02133	1.4562	.00004	.02074

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50777	1.4028	.00299	.00176	.00553	.0019	.15527	4.0445
Stddev	.00308	.0906	.00064	.00118	.00041	.0023	.01078	.4290
%RSD	.60578	6.4619	21.535	67.410	7.5025	124.2	6.9421	10.607

#1	.50994	1.4669	.00254	.00259	.00582	.0035	.16289	3.7412
#2	.50559	1.3387	.00345	.00092	.00524	.0002	.14764	4.3479

Sample Name: J5925-08 Acquired: 11/15/2018 13:11:46 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0751
 Stddev .0064
 %RSD .15731

#1 4.0706
 #2 4.0796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.5	45924.	5080.9	116.92	3472.6
Stddev	2.5	1385.	357.2	8.70	2.2
%RSD	.07444	3.0147	7.0305	7.4390	.06299

#1	3361.3	46903.	4828.3	110.77	3471.1
#2	3357.7	44945.	5333.5	123.07	3474.2

Sample Name: J5901-08 Acquired: 11/15/2018 13:17:20 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00174	.04082	-.00215	.00058	.08417	.28927	.00014
Stddev	.00287	.00028	.00088	.00058	.00013	.01061	.00556	.00002
%RSD	983.84	16.168	2.1609	27.002	22.344	12.600	1.9206	11.232

#1	-.00174	-.00154	.04020	-.00174	.00048	.07667	.28534	.00013
#2	.00232	-.00194	.04145	-.00256	.00067	.09166	.29320	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	34.610	-.00137	.00426	.00001	2.8319	1.0775	9.6182
Stddev	.00002	.828	.00066	.00009	.00040	.0072	.0488	.1521
%RSD	21.032	2.3923	48.438	2.2000	2964.1	.25552	4.5313	1.5816

#1	.00014	34.024	-.00090	.00433	.00030	2.8371	1.0430	9.5106
#2	.00010	35.195	-.00184	.00419	-.00027	2.8268	1.1120	9.7258

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	.00014	223.03	.00077	.11953	4.3019	-.00027	.03357
Stddev	.00016	.00041	8.41	.00032	.00171	.1020	.00007	.00855
%RSD	6.4917	285.87	3.7722	42.093	1.4306	2.3718	26.969	25.471

#1	.00236	.00043	217.08	.00099	.11832	4.2298	-.00033	.02753
#2	.00258	-.00015	228.98	.00054	.12074	4.3741	-.00022	.03962

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0037	.38458	.00096	.00279	.00436	.0074	.13578	4.0168
Stddev	.0316	.00697	.00061	.00079	.00169	.0025	.00323	.5600
%RSD	1.5796	1.8124	63.833	28.480	38.783	33.67	2.3817	13.942

#1	1.9814	.37966	.00139	.00223	.00556	.0057	.13350	3.6209
#2	2.0261	.38951	.00052	.00335	.00316	.0092	.13807	4.4128

Sample Name: J5901-08 Acquired: 11/15/2018 13:17:20 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.0210
Stddev	.3526
%RSD	8.7691

#1	4.2703
#2	3.7716

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.0	46200.	4994.6	111.30	3546.4
Stddev	57.0	1816.	124.7	.93	25.7
%RSD	1.6672	3.9303	2.4963	.83117	.72334

#1	3458.3	47484.	5082.7	111.96	3564.6
#2	3377.7	44916.	4906.4	110.65	3528.3

Sample Name: CCV02 Acquired: 11/15/2018 13:25:34 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14190 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1288	4.9819	5.0179	5.0448	5.1734	10.162	10.116	.24688
Stddev	.0059	.0155	.0124	.0058	.0137	.039	.111	.00019
%RSD	.11408	.31098	.24781	.11439	.26402	.38316	1.0983	.07896
#1	5.1247	4.9709	5.0091	5.0407	5.1638	10.134	10.195	.24674
#2	5.1330	4.9928	5.0267	5.0489	5.1831	10.189	10.038	.24702
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4742	26.250	.95794	2.4780	1.2668	4.9374	2.4951	25.134
Stddev	.0061	.337	.00017	.0044	.0041	.0775	.0044	.446
%RSD	.24747	1.2856	.01823	.17648	.32512	1.5691	.17753	1.7734
#1	2.4699	26.489	.95807	2.4749	1.2639	4.9922	2.4920	25.449
#2	2.4785	26.011	.95782	2.4811	1.2697	4.8826	2.4983	24.819
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4518	1.2128	24.220	2.4120	2.5285	25.020	5.1206	5.0014
Stddev	.0086	.0004	.174	.0018	.0416	.289	.0130	.0593
%RSD	.34919	.03455	.71853	.07622	1.6458	1.1536	.25447	1.1859
#1	2.4458	1.2131	24.343	2.4133	2.5579	25.224	5.1113	5.0433
#2	2.4579	1.2125	24.097	2.4107	2.4991	24.816	5.1298	4.9594
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9523	5.1112	4.9497	4.9823	5.0252	4.948	5.2619	F 3.5691
Stddev	.0131	.0248	.0207	.0749	.0426	.031	.0286	.1209
%RSD	.26536	.48531	.41811	1.5030	.84695	.6186	.54416	3.3864
#1	4.9430	5.1288	4.9351	5.0353	5.0553	4.926	5.2821	3.4837
#2	4.9616	5.0937	4.9643	4.9294	4.9951	4.969	5.2416	3.6546

Sample Name: CCV02 Acquired: 11/15/2018 13:25:34 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14190 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8463
Stddev	.7085
%RSD	24.892

#1	3.3473
#2	2.3453

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.7	48498.	4877.9	107.42	3577.7
Stddev	3.3	235.	30.4	1.87	6.5
%RSD	.09595	.48534	.62326	1.7362	.18244

#1	3452.0	48664.	4856.4	106.11	3582.3
#2	3447.3	48332.	4899.4	108.74	3573.0

Sample Name: CCB02 Acquired: 11/15/2018 13:29:18 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14190 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	-.00077	.00110	-.00149	.00265	-.01332	.00108	.00002
Stddev	.00015	.00037	.00043	.00147	.00063	.01094	.00086	.00000
%RSD	47.442	48.470	39.110	98.855	23.627	82.123	79.414	20.981

#1	-.00042	-.00051	.00141	-.00045	.00310	-.00558	.00168	.00002
#2	-.00021	-.00104	.00080	-.00253	.00221	-.02105	.00047	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01505	-.00029	.00015	-.00051	.01284	-.00014	-.03270
Stddev	.00005	.00671	.00023	.00019	.00033	.00205	.00003	.00255
%RSD	65.937	44.601	78.618	130.37	64.943	15.934	20.738	7.7834

#1	-.00010	-.01979	-.00013	.00028	-.00027	.01139	-.00012	-.03450
#2	-.00004	-.01030	-.00045	.00001	-.00074	.01429	-.00016	-.03090

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00013	.06739	-.00045	-.00054	-.01348	.00015	-.00392
Stddev	.00060	.00040	.00358	.00016	.00005	.01108	.00010	.00218
%RSD	118.88	309.14	5.3174	34.727	9.5742	82.188	67.645	55.530

#1	.00008	.00041	.06992	-.00034	-.00058	-.02131	.00008	-.00238
#2	.00093	-.00015	.06485	-.00056	-.00051	-.00565	.00022	-.00546

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00401	.00747	.00119	.00107	-.00104	.0000	.00000	F 2.1979
Stddev	.00022	.00265	.00078	.00145	.00024	.0008	.00005	.0206
%RSD	5.6067	35.522	65.281	134.71	23.316	2112.	988.01	.93876

#1	-.00417	.00935	.00174	.00005	-.00087	.0006	.00004	2.2125
#2	-.00385	.00559	.00064	.00210	-.00121	-.0005	-.00003	2.1833

Sample Name: CCB02 Acquired: 11/15/2018 13:29:18 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14190 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .68551
Stddev	.42413
%RSD	61.871

#1	.98541
#2	.38560

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.6	51400.	4894.6	113.65	4096.3
Stddev	12.3	155.	104.2	5.06	3.8
%RSD	.33714	.30191	2.1280	4.4536	.09388

#1	3643.2	51291.	4821.0	110.08	4099.0
#2	3625.9	51510.	4968.3	117.23	4093.6

Sample Name: J5925-12 Acquired: 11/15/2018 13:33:22 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00310	.05075	.00270	.00216	.11833	.19534	.00027
Stddev	.00134	.00013	.00190	.00008	.00083	.01502	.00042	.00011
%RSD	102.46	4.1287	3.7369	2.9036	38.281	12.698	.21420	40.798

#1	-.00036	-.00319	.04941	.00275	.00157	.12895	.19564	.00019
#2	-.00225	-.00301	.05209	.00264	.00274	.10770	.19505	.00034

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	61.854	-.00218	.00837	.00417	4.3868	2.3123	1.0546
Stddev	.00007	.033	.00019	.00026	.00002	.0399	.0004	.0117
%RSD	28.532	.05335	8.8382	3.0455	.37950	.90879	.01870	1.1058

#1	.00031	61.877	-.00204	.00819	.00418	4.3586	2.3120	1.0628
#2	.00021	61.831	-.00231	.00856	.00416	4.4150	2.3126	1.0463

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	.00012	335.77	-.00023	.04150	1.8275	-.00003	.01716
Stddev	.00060	.00044	2.79	.00041	.00019	.0238	.00031	.00911
%RSD	8.8178	349.01	.83188	178.63	.45165	1.3003	944.14	53.080

#1	.00718	-.00018	337.74	-.00052	.04137	1.8107	.00019	.01072
#2	.00633	.00043	333.79	.00006	.04163	1.8443	-.00025	.02360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35383	1.1434	.00363	.00024	.02136	.0026	.53841	4.1333
Stddev	.01436	.0183	.00038	.00055	.00273	.0020	.00256	.0180
%RSD	4.0572	1.6041	10.391	230.24	12.786	76.67	.47578	.43514

#1	.34368	1.1564	.00337	.00062	.01943	.0040	.54022	4.1206
#2	.36399	1.1304	.00390	-.00015	.02329	.0012	.53660	4.1460

Sample Name: J5925-12 Acquired: 11/15/2018 13:33:22 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.9773
Stddev .4184
%RSD 10.518

#1 4.2731
#2 3.6814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.4	45916.	4828.8	107.59	3465.5
Stddev	68.4	68.	74.3	.28	80.1
%RSD	2.0355	.14899	1.5391	.25587	2.3109

#1	3407.7	45867.	4776.2	107.79	3522.2
#2	3311.0	45964.	4881.3	107.40	3408.9

Sample Name: J5925-16 Acquired: 11/15/2018 13:37:30 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00317	.00369	.00024	.00233	.10189	.18983	.00019
Stddev	.00055	.00097	.00037	.00275	.00001	.00445	.00347	.00005
%RSD	58.277	30.434	10.018	1148.6	.53719	4.3722	1.8298	28.066

#1	-.00134	-.00386	.00395	-.00170	.00232	.09874	.18737	.00023
#2	-.00056	-.00249	.00343	.00218	.00234	.10504	.19228	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	15.448	-.00066	.00417	.02540	5.9322	1.2045	1.8876
Stddev	.00000	.291	.00024	.00023	.00041	.1695	.0025	.0236
%RSD	3.4367	1.8858	36.810	5.5792	1.6064	2.8568	.20917	1.2488

#1	-.00014	15.242	-.00049	.00401	.02511	5.8124	1.2027	1.8709
#2	-.00013	15.654	-.00084	.00434	.02569	6.0521	1.2063	1.9043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00008	260.64	-.00011	.02222	2.2765	-.00007	.02253
Stddev	.00004	.00003	.51	.00012	.00094	.0601	.00053	.01546
%RSD	1.8917	38.955	.19605	112.90	4.2332	2.6398	741.27	68.588

#1	.00220	.00006	260.28	-.00002	.02156	2.2340	-.00045	.01160
#2	.00214	.00010	261.00	-.00020	.02289	2.3190	.00030	.03346

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13894	.43214	.00559	.00254	.01721	.0053	.12584	3.9488
Stddev	.00222	.00409	.00011	.00067	.00284	.0000	.00231	.0283
%RSD	1.6004	.94696	1.9210	26.271	16.519	.0176	1.8371	.71769

#1	.13737	.42925	.00552	.00302	.01520	.0053	.12420	3.9689
#2	.14052	.43503	.00567	.00207	.01922	.0053	.12747	3.9288

Sample Name: J5925-16 Acquired: 11/15/2018 13:37:30 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1575
Stddev	.6644
%RSD	15.981

#1	4.6273
#2	3.6877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.1	46730.	4864.8	111.24	3605.6
Stddev	12.7	6.	55.1	2.95	34.2
%RSD	.36638	.01345	1.1323	2.6539	.94723

#1	3466.1	46726.	4903.8	113.33	3629.8
#2	3448.1	46735.	4825.9	109.15	3581.5

Sample Name: J5930-02 Acquired: 11/15/2018 13:41:40 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 32727-45914- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00288	.03541	-.00017	.00850	.05119	.39907	-.00002
Stddev	.00251	.00018	.00119	.00142	.00005	.03130	.00192	.00003
%RSD	344.38	6.2955	3.3606	828.47	.56538	61.138	.48013	125.57

#1	.00105	-.00301	.03457	-.00117	.00853	.02906	.40042	-.00000
#2	-.00251	-.00276	.03625	.00083	.00846	.07332	.39771	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	11.893	.00966	.00289	.01180	1.6821	.12160	.76620
Stddev	.00012	.031	.00108	.00025	.00020	.0300	.01118	.02215
%RSD	99.244	.26228	11.222	8.5593	1.7342	1.7834	9.1924	2.8906

#1	.00021	11.871	.00889	.00307	.01165	1.7033	.11369	.78186
#2	.00004	11.915	.01042	.00272	.01194	1.6609	.12950	.75054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01130	-.00063	329.18	-.00021	.18475	.58045	.00023	.02223
Stddev	.00037	.00054	2.52	.00042	.00277	.03266	.00007	.01181
%RSD	3.2599	85.045	.76600	199.86	1.5009	5.6263	28.701	53.112

#1	.01104	-.00025	330.96	.00009	.18672	.55736	.00019	.03058
#2	.01156	-.00101	327.39	-.00051	.18279	.60355	.00028	.01388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33923	.54147	.00299	.00256	.01523	.0662	.06439	4.4771
Stddev	.00286	.00170	.00091	.00125	.00063	.0001	.00028	1.1065
%RSD	.84202	.31486	30.515	49.013	4.1524	.1994	.42815	24.716

#1	.33721	.54026	.00364	.00345	.01478	.0663	.06459	3.6946
#2	.34125	.54268	.00234	.00167	.01568	.0661	.06420	5.2595

Sample Name: J5930-02 Acquired: 11/15/2018 13:41:40 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 32727-45914- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3081
 Stddev .1526
 %RSD 4.6124

#1 3.2002
 #2 3.4160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.5	43983.	4828.7	111.43	3503.6
Stddev	27.0	3546.	34.5	1.57	8.1
%RSD	.80350	8.0620	.71383	1.4119	.23092

#1	3342.4	46490.	4804.3	110.32	3497.9
#2	3380.6	41476.	4853.0	112.54	3509.3

Sample Name: J5932-04 Acquired: 11/15/2018 13:45:48 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CG-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	-.00260	.00299	.00055	-.00084	.13655	.13361	-.00001
Stddev	.00068	.00032	.00078	.00199	.00024	.01026	.00007	.00002
%RSD	50.264	12.415	25.947	362.49	29.050	7.5105	.05242	280.90

#1	-.00183	-.00237	.00354	-.00086	-.00067	.14380	.13366	-.00002
#2	-.00087	-.00282	.00244	.00196	-.00102	.12930	.13356	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	30.365	.00037	-.00003	.00341	.09323	.18025	2.9762
Stddev	.00002	.078	.00021	.00006	.00012	.00255	.00030	.0439
%RSD	165.30	.25628	57.543	191.89	3.4767	2.7318	.16877	1.4756

#1	-.00000	30.310	.00052	.00001	.00333	.09143	.18004	2.9451
#2	.00002	30.420	.00022	-.00008	.00350	.09503	.18047	3.0073

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	.00015	366.01	.00035	.03042	.86550	.00009	.01720
Stddev	.00003	.00011	1.36	.00001	.00020	.01029	.00006	.00405
%RSD	1.3601	70.927	.37118	2.7017	.64692	1.1895	65.902	23.521

#1	.00254	.00023	366.98	.00036	.03056	.85822	.00014	.01434
#2	.00259	.00007	365.05	.00035	.03028	.87278	.00005	.02007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10201	.81102	.00265	.00308	.00511	.0139	.07316	3.8664
Stddev	.00603	.00815	.00024	.00041	.00049	.0009	.00026	.0481
%RSD	5.9111	1.0053	9.0328	13.358	9.5016	6.718	.34902	1.2442

#1	.09774	.80526	.00248	.00337	.00477	.0146	.07298	3.9004
#2	.10627	.81679	.00282	.00279	.00545	.0133	.07334	3.8324

Sample Name: J5932-04 Acquired: 11/15/2018 13:45:48 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CG-SOIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3404
 Stddev .5258
 %RSD 15.740

#1 2.9687
 #2 3.7122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.2	46228.	4884.4	110.90	3445.4
Stddev	18.2	50.	12.8	1.30	13.7
%RSD	.54560	.10733	.26183	1.1742	.39698

#1	3345.1	46193.	4875.4	109.98	3455.0
#2	3319.4	46263.	4893.5	111.83	3435.7

Sample Name: J5940-04 Acquired: 11/15/2018 13:49:58 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-25(0-10) 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	-.00351	.00759	.00053	-.00108	.03279	.29266	-.00000
Stddev	.00128	.00042	.00066	.00180	.00012	.00508	.00035	.00003
%RSD	610.92	12.001	8.6810	339.56	11.296	15.491	.12008	760.46

#1	-.00111	-.00380	.00712	-.00074	-.00117	.02920	.29241	.00002
#2	.00069	-.00321	.00806	.00180	-.00100	.03639	.29291	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	82.893	-.00068	.00962	.00033	-.00691	1.3592	18.025
Stddev	.00000	.316	.00001	.00046	.00002	.01020	.0035	.109
%RSD	.12680	.38068	2.1016	4.7770	4.6162	147.50	.25750	.60506

#1	.00058	83.116	-.00069	.00929	.00034	-.01412	1.3617	17.948
#2	.00058	82.670	-.00067	.00994	.00031	.00030	1.3567	18.103

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01009	.00014	311.56	-.00020	.10104	1.3917	.00007	.02961
Stddev	.00002	.00054	.06	.00062	.00101	.0155	.00011	.00455
%RSD	.16764	386.54	.01933	316.72	1.0017	1.1164	152.13	15.356

#1	.01008	.00052	311.60	.00024	.10032	1.3807	.00015	.03283
#2	.01010	-.00024	311.51	-.00063	.10175	1.4027	-.00001	.02640

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49286	.55423	.00337	-.00114	.00865	.0022	.14649	4.0803
Stddev	.00105	.00461	.00047	.00268	.00133	.0002	.00075	.0006
%RSD	.21401	.83228	14.090	234.66	15.419	9.690	.51434	.01572

#1	.49211	.55750	.00303	.00075	.00960	.0023	.14596	4.0808
#2	.49361	.55097	.00371	-.00304	.00771	.0020	.14702	4.0799

Sample Name: J5940-04 Acquired: 11/15/2018 13:49:58 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-25(0-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1030
 Stddev .1128
 %RSD 3.6355

#1 3.0232
 #2 3.1827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3317.2	46319.	4896.5	109.81	3433.6
Stddev	11.9	43.	30.3	.91	16.6
%RSD	.35842	.09212	.61872	.82666	.48423

#1	3308.8	46289.	4875.1	110.45	3421.9
#2	3325.6	46349.	4917.9	109.16	3445.4

Sample Name: PB114834BL Acquired: 11/15/2018 13:55:14 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 207-WEST-TRE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00032	-.00104	.00105	.00048	-.00386	.00089	.00001
Stddev	.00017	.00087	.00017	.00165	.00112	.00026	.00049	.00005
%RSD	29.320	275.76	16.570	157.41	235.46	6.8635	55.359	357.40
#1	-.00069	.00093	-.00116	.00222	.00127	-.00367	.00123	-.00002
#2	-.00046	-.00030	-.00091	-.00012	-.00032	-.00405	.00054	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.02432	-.00050	.00013	.00000	.01066	-.00018	-.00667
Stddev	.00004	.01434	.00059	.00000	.00018	.00650	.00002	.00545
%RSD	39.419	58.974	117.93	3.6561	6193.8	60.991	13.502	81.597
#1	-.00007	-.03447	-.00092	.00013	.00013	.01526	-.00019	-.01053
#2	-.00012	-.01418	-.00008	.00014	-.00013	.00606	-.00016	-.00282
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00032	.25460	-.00004	-.00066	.04313	-.00009	.00206
Stddev	.00013	.00024	.02435	.00008	.00008	.02640	.00033	.00088
%RSD	121.41	74.182	9.5630	203.18	12.681	61.216	366.75	42.567
#1	.00020	-.00015	.27182	.00002	-.00060	.06180	-.00033	.00268
#2	.00002	-.00049	.23738	-.00009	-.00072	.02446	.00014	.00144
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00559	.00508	-.00038	.00338	.00119	-.0006	-.00009	F 2.6271
Stddev	.00147	.00150	.00025	.00080	.00049	.0012	.00003	.0980
%RSD	26.294	29.576	65.777	23.810	40.735	190.9	37.223	3.7306
#1	-.00455	.00614	-.00056	.00395	.00154	.0002	-.00007	2.6964
#2	-.00663	.00401	-.00021	.00281	.00085	-.0015	-.00011	2.5578

Sample Name: PB114834BL Acquired: 11/15/2018 13:55:14 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 207-WEST-TRE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .21863
Stddev	.31728
%RSD	145.12

#1	.44298
#2	-.00572

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.1	51129.	4917.2	115.48	4100.3
Stddev	7.4	181.	10.8	.24	1.0
%RSD	.20373	.35401	.22022	.20921	.02473

#1	3623.9	51001.	4909.5	115.65	4099.5
#2	3634.3	51257.	4924.8	115.31	4101.0

Sample Name: PB114834BS Acquired: 11/15/2018 13:59:17 Type: Unk
Method: P4-ICP2(v2585) 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	.79347	2.0184	.98201	2.0087	.82133	2.0500	.21496
Stddev	.00905	.0267	.01515	.0169	.00960	.0176	.00010
%RSD	1.1401	1.3230	1.5423	.84197	1.1687	.85829	.04482

#1	.79986	2.0373	.99272	2.0207	.82812	2.0376	.21503
#2	.78707	1.9996	.97130	1.9967	.81454	2.0625	.21489

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20122	.19263	1.1200	.40167	.19795	.32043	3.0772
Stddev	.00006	.00214	.0004	.00021	.00204	.00380	.0642
%RSD	.03213	1.1095	.03679	.05137	1.0309	1.1848	2.0857

#1	.20118	.19414	1.1203	.40181	.19939	.32312	3.1226
#2	.20127	.19112	1.1197	.40152	.19651	.31775	3.0318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21198	2.1137	.49628	.07157	3.1376	.29828	.20814
Stddev	.00018	.0155	.00383	.00057	.0102	.00021	.00671
%RSD	.08353	.73423	.77269	.79642	.32491	.07111	3.2225

#1	.21186	2.1028	.49899	.07197	3.1449	.29813	.21288
#2	.21211	2.1247	.49357	.07117	3.1304	.29843	.20340

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.251	.42237	.31432	F -.01356	.98736	.67755	.20413
Stddev	.047	.00423	.00576	.00353	.01654	.00870	.00045
%RSD	.45946	1.0006	1.8322	26.033	1.6752	1.2838	.21999

#1	10.218	.42536	.31025	-.01106	.99905	.68370	.20381
#2	10.284	.41938	.31839	-.01605	.97566	.67140	.20445

Sample Name: PB114834BS Acquired: 11/15/2018 13:59:17 Type: Unk
Method: P4-ICP2(v2585) 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	.20767	5.510	.21838	F 2.6795	F<.00000
Stddev	.00082	.053	.00037	.0944	.24694
%RSD	.39707	.9641	.16716	3.5229	34.808

#1	.20825	5.548	.21864	2.6127	-.53481
#2	.20708	5.472	.21812	2.7462	-.88404

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.4	50373.	4927.6	113.37	3984.5
Stddev	29.6	125.	62.8	3.40	36.3
%RSD	.81504	.24716	1.2741	2.9990	.91134

#1	3608.5	50461.	4883.2	110.97	3958.8
#2	3650.3	50285.	4972.0	115.78	4010.2

Sample Name: PB114840BL Acquired: 11/15/2018 14:11:11 Type: Unk
Method: P4-ICP2(v2585) 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	.00061	.00041	.00125	-.00235	.00165	-.01715	.00096	.00002
Stddev	.00359	.00057	.00098	.00439	.00236	.00217	.00033	.00001
%RSD	584.98	138.24	78.290	186.46	142.74	12.656	33.874	69.739
#1	-.00193	.00081	.00195	-.00546	.00332	-.01562	.00073	.00003
#2	.00315	.00001	.00056	.00075	-.00002	-.01869	.00119	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00775	-.00038	.00008	-.00017	.00910	-.00019	-.05134
Stddev	.00001	.00239	.00014	.00021	.00030	.01024	.00003	.03120
%RSD	65.647	30.829	36.806	254.81	181.74	112.51	15.299	60.768
#1	-.00001	.00943	-.00028	-.00007	.00005	.01634	-.00017	-.02928
#2	-.00003	.00606	-.00047	.00023	-.00038	.00186	-.00021	-.07339
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	-.00029	-.07386	-.00037	-.00039	.03629	.00009	.00142
Stddev	.00033	.00038	.00883	.00038	.00015	.00407	.00007	.00085
%RSD	81.412	129.18	11.951	103.13	39.852	11.221	81.432	59.828
#1	.00065	-.00003	-.06762	-.00010	-.00028	.03341	.00014	.00082
#2	.00017	-.00056	-.08010	-.00064	-.00050	.03917	.00004	.00203
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00575	.00646	.00072	.00415	-.00369	.0009	-.00005	F 2.5308
Stddev	.00324	.00389	.00011	.00077	.00049	.0013	.00006	.2357
%RSD	56.330	60.112	14.747	18.671	13.160	134.0	111.25	9.3119
#1	-.00346	.00921	.00065	.00470	-.00335	.0000	-.00001	2.3641
#2	-.00804	.00372	.00080	.00360	-.00403	.0018	-.00010	2.6974

Sample Name: PB114840BL Acquired: 11/15/2018 14:11:11 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .25148
Stddev .14712
%RSD 58.502

#1 .14745
#2 .35550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.1	50693.	4948.5	114.59	4122.8
Stddev	18.9	936.	11.7	.62	23.1
%RSD	.51503	1.8469	.23584	.54508	.55961

#1	3646.8	51355.	4940.2	114.15	4106.5
#2	3673.5	50031.	4956.7	115.03	4139.1

Sample Name: PB114840BS Acquired: 11/15/2018 14:15:15 Type: Unk
Method: P4-ICP2(v2585) 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	.76623	1.9330	.95144	1.8741	.78543	2.0049	.21225
Stddev	.00950	.0268	.01279	.0388	.01652	.0749	.00320
%RSD	1.2402	1.3889	1.3447	2.0706	2.1039	3.7365	1.5079

#1	.77295	1.9520	.96048	1.9015	.79711	1.9519	.20999
#2	.75951	1.9141	.94239	1.8466	.77375	2.0579	.21452

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18806	.18465	1.1249	.40547	.19540	.31249	3.0838
Stddev	.00640	.00268	.0085	.01437	.00303	.00635	.0414
%RSD	3.4021	1.4504	.75330	3.5432	1.5505	2.0309	1.3432

#1	.18354	.18654	1.1189	.39531	.19754	.31698	3.0545
#2	.19259	.18276	1.1309	.41563	.19326	.30800	3.1131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21185	2.0789	.48730	.06673	2.8965	.30424	.20005
Stddev	.00705	.0682	.00834	.00259	.0482	.00807	.00157
%RSD	3.3288	3.2803	1.7122	3.8841	1.6654	2.6525	.78655

#1	.20687	2.0307	.49320	.06489	2.8624	.29854	.20117
#2	.21684	2.1271	.48140	.06856	2.9306	.30995	.19894

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9205	.42010	.30842	F .31372	.93959	.65321	.20385
Stddev	.1638	.00608	.00669	.00534	.01766	.01146	.00411
%RSD	1.6507	1.4464	2.1703	1.7006	1.8790	1.7545	2.0148

#1	9.8047	.42440	.30369	.31749	.92711	.66131	.20095
#2	10.036	.41581	.31315	.30994	.95208	.64511	.20676

Sample Name: PB114840BS Acquired: 11/15/2018 14:15:15 Type: Unk
Method: P4-ICP2(v2585) 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	.20093	5.244	.21712	F 2.9169	F<.00000
Stddev	.00380	.078	.00310	.1689	.48842
%RSD	1.8922	1.493	1.4298	5.7920	49.078

#1	.19825	5.299	.21492	2.7974	-1.3406
#2	.20362	5.189	.21931	3.0364	-.64983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.4	49875.	4877.3	113.44	3923.4
Stddev	39.0	1300.	22.2	.18	36.4
%RSD	1.1004	2.6068	.45576	.16103	.92802

#1	3516.8	50794.	4893.1	113.31	3897.6
#2	3572.0	48956.	4861.6	113.57	3949.1

Sample Name: PB114843BL Acquired: 11/15/2018 14:19:04 Type: Unk
Method: P4-ICP2(v2585) 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	-.00011	-.00039	-.00012	-.00133	.00004	.00072	.00082	.00001
Stddev	.00082	.00002	.00022	.00039	.00047	.00074	.00020	.00001
%RSD	731.27	3.9782	186.55	29.572	1057.1	102.68	23.792	195.32
#1	-.00069	-.00040	-.00028	-.00160	.00037	.00020	.00069	-.00000
#2	.00047	-.00038	.00004	-.00105	-.00029	.00124	.00096	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.02461	-.00027	.00001	-.00086	.01161	-.00026	-.01087
Stddev	.00007	.02692	.00010	.00001	.00013	.00215	.00003	.01706
%RSD	149.23	109.39	35.395	106.26	15.140	18.506	11.171	156.89
#1	-.00009	-.04365	-.00021	.00000	-.00077	.01009	-.00024	-.02293
#2	.00000	-.00557	-.00034	.00002	-.00095	.01313	-.00028	.00119
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00043	-.12080	-.00033	-.00079	-.07184	-.00007	.00334
Stddev	.00031	.00027	.00878	.00019	.00003	.00346	.00019	.01223
%RSD	382.43	62.076	7.2686	56.298	3.9132	4.8199	280.85	366.23
#1	.00030	-.00062	-.12701	-.00020	-.00081	-.06939	-.00020	-.00531
#2	-.00014	-.00024	-.11459	-.00046	-.00077	-.07429	.00007	.01198
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00526	.00517	-.00047	-.00014	-.00478	.0007	-.00001	F 2.1582
Stddev	.00187	.00168	.00012	.00110	.00041	.0007	.00001	.4641
%RSD	35.585	32.570	24.762	795.19	8.5572	93.78	43.382	21.503
#1	-.00658	.00398	-.00055	-.00092	-.00507	.0002	-.00001	1.8301
#2	-.00393	.00635	-.00039	.00064	-.00449	.0012	-.00002	2.4864

Sample Name: PB114843BL Acquired: 11/15/2018 14:19:04 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .43538
Stddev .63819
%RSD 146.58

#1 -.01589
#2 .88666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.2	51886.	4999.6	115.54	4079.1
Stddev	2.5	1283.	51.8	.67	5.1
%RSD	.06823	2.4734	1.0365	.57631	.12438

#1	3632.4	52793.	5036.2	116.01	4075.5
#2	3635.9	50978.	4962.9	115.07	4082.7

Sample Name: CCV03 Acquired: 11/15/2018 14:24:30 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0434	5.0335	4.9501	5.0556	5.0804	10.206	10.166	.24783
Stddev	.0121	.0044	.0005	.0140	.0039	.006	.030	.00052
%RSD	.23951	.08765	.00978	.27705	.07640	.05423	.29732	.21075
#1	5.0519	5.0304	4.9498	5.0655	5.0776	10.210	10.187	.24746
#2	5.0349	5.0366	4.9505	5.0457	5.0831	10.202	10.144	.24820
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4664	26.405	.97502	2.4695	1.2727	5.1259	2.4958	24.798
Stddev	.0034	.159	.00023	.0062	.0019	.0018	.0042	.173
%RSD	.13710	.60330	.02337	.24999	.15178	.03408	.16755	.69748
#1	2.4640	26.518	.97486	2.4652	1.2741	5.1246	2.4928	24.920
#2	2.4688	26.292	.97518	2.4739	1.2713	5.1271	2.4988	24.676
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4792	1.2196	24.739	2.4668	2.5329	25.084	5.0353	5.0359
Stddev	.0057	.0014	.073	.0043	.0003	.094	.0093	.0058
%RSD	.22937	.11847	.29465	.17333	.01307	.37607	.18415	.11605
#1	2.4752	1.2207	24.791	2.4638	2.5332	25.151	5.0418	5.0400
#2	2.4833	1.2186	24.688	2.4698	2.5327	25.017	5.0287	5.0317
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9558	5.1396	4.9110	4.9813	5.0347	5.010	5.2622	F 3.6859
Stddev	.0026	.0299	.0009	.0045	.0233	.008	.0387	.1281
%RSD	.05152	.58161	.01896	.08966	.46220	.1662	.73478	3.4755
#1	4.9576	5.1607	4.9116	4.9781	5.0511	5.004	5.2896	3.5953
#2	4.9540	5.1184	4.9103	4.9844	5.0182	5.016	5.2349	3.7765

Sample Name: CCV03 Acquired: 11/15/2018 14:24:30 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9052
Stddev .1071
%RSD 3.6877

#1 2.9809
#2 2.8294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.8	48204.	4840.2	106.51	3575.4
Stddev	9.5	81.	25.3	.14	.0
%RSD	.27331	.16725	.52347	.12686	.00058

#1	3469.1	48261.	4822.2	106.42	3575.4
#2	3482.5	48147.	4858.1	106.61	3575.4

Sample Name: CCB03 Acquired: 11/15/2018 14:28:14 Type: Unk
Method: P4-ICP2(v2585) 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	-.00226	-.00018	-.00096	-.00297	.00448	-.01275	.00078	-.00002
Stddev	.00008	.00018	.00102	.00193	.00031	.01170	.00038	.00003
%RSD	3.3269	103.84	106.09	64.806	6.8031	91.727	48.632	168.65
#1	-.00231	-.00005	-.00024	-.00161	.00427	-.02102	.00051	.00000
#2	-.00221	-.00030	-.00168	-.00433	.00470	-.00448	.00105	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.02853	-.00009	.00036	-.00043	.00921	-.00022	-.01253
Stddev	.00008	.01819	.00009	.00024	.00011	.00206	.00005	.02082
%RSD	143.65	63.757	101.59	66.324	26.177	22.339	24.661	166.13
#1	.00000	-.01567	-.00016	.00019	-.00035	.00775	-.00018	.00219
#2	-.00011	-.04140	-.00003	.00053	-.00051	.01066	-.00025	-.02725
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00033	-.14414	-.00036	-.00061	-.09312	.00019	.01044
Stddev	.00050	.00005	.00660	.00026	.00004	.00506	.00011	.00277
%RSD	143.19	13.977	4.5778	73.181	7.3596	5.4350	57.269	26.534
#1	.00071	-.00030	-.14881	-.00054	-.00058	-.08954	.00027	.01240
#2	-.00000	-.00036	-.13947	-.00017	-.00064	-.09670	.00011	.00848
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00712	.00473	.00054	.00059	-.00464	-.0003	-.00003	F 2.4667
Stddev	.00001	.00214	.00032	.00087	.00068	.0010	.00007	.0835
%RSD	.17260	45.158	58.824	148.18	14.564	301.0	222.09	3.3833
#1	-.00711	.00624	.00076	-.00003	-.00512	-.0011	-.00008	2.5257
#2	-.00713	.00322	.00031	.00120	-.00416	.0004	.00002	2.4077

Sample Name: CCB03 Acquired: 11/15/2018 14:28:14 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .42225
Stddev	.42966
%RSD	101.76

#1	.72607
#2	.11843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.0	50899.	4924.5	111.68	4077.9
Stddev	8.2	79.	10.9	.91	1.2
%RSD	.22493	.15507	.22145	.81783	.02981

#1	3634.2	50955.	4916.8	111.03	4077.0
#2	3645.8	50843.	4932.2	112.33	4078.8

Sample Name: PB114843BS Acquired: 11/15/2018 14:32:19 Type: Unk
Method: P4-ICP2(v2585) 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	.70742	1.8170	.87969	1.7571	.73950	1.8305	.20081
Stddev	.00461	.0045	.00154	.0008	.00003	.0112	.00034
%RSD	.65232	.24593	.17546	.04605	.00388	.61244	.16915

#1	.70416	1.8202	.88078	1.7565	.73952	1.8225	.20057
#2	.71068	1.8139	.87860	1.7577	.73948	1.8384	.20105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17367	.17171	1.0350	.37760	.18182	.29148	2.7909
Stddev	.00046	.00010	.0190	.00175	.00104	.00026	.0390
%RSD	.26745	.05684	1.8387	.46317	.57052	.08769	1.3984

#1	.17334	.17178	1.0215	.37637	.18255	.29166	2.8185
#2	.17400	.17164	1.0484	.37884	.18108	.29130	2.7633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19483	1.9350	.45484	.06395	2.7183	.28414	.17908
Stddev	.00062	.0443	.00124	.00079	.0091	.00129	.00397
%RSD	.31801	2.2884	.27225	1.2315	.33373	.45370	2.2196

#1	.19440	1.9663	.45571	.06339	2.7118	.28323	.18189
#2	.19527	1.9037	.45396	.06450	2.7247	.28506	.17627

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4338	.39698	.28546	F -.01068	.89860	.61373	.19097
Stddev	.0016	.00005	.00032	.00303	.00379	.00121	.00211
%RSD	.01649	.01152	.11367	28.343	.42181	.19635	1.1070

#1	9.4349	.39695	.28523	-.01282	.90128	.61458	.19247
#2	9.4327	.39702	.28569	-.00854	.89592	.61288	.18948

Sample Name: PB114843BS Acquired: 11/15/2018 14:32:19 Type: Unk
Method: P4-ICP2(v2585) 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	.18929	4.902	.20396	F 2.4815	F<.00000
Stddev	.00104	.002	.00075	.0981	.10923
%RSD	.54953	.0318	.36846	3.9535	12.992

#1	.18855	4.903	.20343	2.5509	-.76347
#2	.19002	4.901	.20449	2.4121	-.91794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.5	51101.	4885.8	114.68	3967.2
Stddev	8.1	133.	4.9	3.02	17.0
%RSD	.22618	.25935	.10072	2.6359	.42955

#1	3584.8	51007.	4882.3	112.54	3955.2
#2	3596.3	51194.	4889.3	116.82	3979.3

Sample Name: PB114843TB Acquired: 11/15/2018 14:36:10 Type: Unk
Method: P4-ICP2(v2585) 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	-.00120	-.00318	-.00050	-.00141	.00103	.00102	.00055	-.00009
Stddev	.00118	.00007	.00045	.00067	.00152	.00783	.00041	.00001
%RSD	98.562	2.2140	90.141	47.824	147.99	765.10	73.027	9.8047
#1	-.00203	-.00313	-.00082	-.00093	.00211	.00656	.00027	-.00009
#2	-.00036	-.00323	-.00018	-.00189	-.00005	-.00451	.00084	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.01743	.00055	-.00020	-.00077	.00826	-.00012	-.00971
Stddev	.00002	.01517	.00011	.00037	.00006	.00103	.00001	.00502
%RSD	15.996	87.018	20.723	183.33	7.7621	12.516	7.5832	51.754
#1	-.00014	-.00671	.00047	.00006	-.00081	.00753	-.00011	-.00615
#2	-.00011	-.02816	.00063	-.00047	-.00073	.00899	-.00013	-.01326
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	.00219	F 401.50	-.00054	.00150	.07419	.00025	.00371
Stddev	.00014	.00066	7.99	.00042	.00020	.02192	.00006	.00888
%RSD	5.6974	30.204	1.9911	77.465	13.588	29.543	24.289	239.33
#1	.00264	.00173	407.15	-.00025	.00165	.08968	.00021	.00999
#2	.00244	.00266	395.85	-.00084	.00136	.05869	.00029	-.00257
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	.00823	.00232	.00392	-.00110	-.0020	.00011	F 3.9777
Stddev	.00181	.00248	.00053	.00233	.00247	.0023	.00007	.0790
%RSD	85.252	30.132	22.850	59.523	224.61	115.6	67.820	1.9855
#1	-.00341	.00648	.00269	.00227	-.00284	-.0036	.00006	4.0335
#2	-.00084	.00999	.00194	.00557	.00065	-.0004	.00016	3.9218

Sample Name: PB114843TB Acquired: 11/15/2018 14:36:10 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6104
Stddev .6259
%RSD 23.977

#1 3.0530
#2 2.1678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.3	46059.	4851.5	109.46	3477.8
Stddev	29.3	213.	52.6	3.94	20.4
%RSD	.86475	.46284	1.0834	3.6013	.58725

#1	3368.6	45908.	4814.4	106.68	3463.3
#2	3410.0	46209.	4888.7	112.25	3492.2

Sample Name: PB114844BL Acquired: 11/15/2018 14:40:21 Type: Unk
Method: P4-ICP2(v2585) 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	-.00159	-.00103	-.00057	-.00123	.00042	-.00317	.00097	.00003
Stddev	.00325	.00127	.00032	.00268	.00089	.00402	.00022	.00004
%RSD	204.33	123.98	56.600	217.51	213.28	127.12	23.095	139.80
#1	.00071	-.00193	-.00034	-.00313	-.00021	-.00032	.00081	.00006
#2	-.00389	-.00013	-.00080	.00066	.00105	-.00601	.00113	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.02051	-.00045	.00029	-.00097	.00518	-.00025	-.01796
Stddev	.00011	.00608	.00015	.00003	.00050	.01288	.00004	.06610
%RSD	214.60	29.665	33.490	11.736	51.237	248.77	15.926	368.02
#1	.00003	-.01621	-.00034	.00027	-.00132	-.00393	-.00022	-.06470
#2	-.00013	-.02481	-.00056	.00031	-.00062	.01429	-.00027	.02878
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00024	.01474	-.00066	-.00066	-.02133	.00026	.00554
Stddev	.00033	.00035	.02083	.00007	.00001	.00428	.00016	.01137
%RSD	90.780	145.24	141.31	10.247	1.3827	20.051	62.928	205.40
#1	.00013	-.00049	.02947	-.00061	-.00066	-.01830	.00014	-.00250
#2	.00060	.00001	.00001	-.00071	-.00065	-.02435	.00037	.01358
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00660	.00464	.00047	.00339	-.00239	.0001	-.00001	F 2.4159
Stddev	.00315	.00340	.00140	.00148	.00120	.0011	.00004	.0314
%RSD	47.669	73.317	296.78	43.654	50.146	865.3	516.86	1.2993
#1	-.00882	.00223	-.00052	.00443	-.00154	-.0007	.00002	2.3937
#2	-.00437	.00704	.00146	.00234	-.00324	.0009	-.00004	2.4380

Sample Name: PB114844BL Acquired: 11/15/2018 14:40:21 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .17821
Stddev	.21167
%RSD	118.78

#1	.32788
#2	.02854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.4	51478.	4956.7	115.12	4126.0
Stddev	5.0	156.	35.7	1.33	3.8
%RSD	.13734	.30322	.72029	1.1517	.09182

#1	3669.8	51589.	4931.4	114.18	4128.6
#2	3677.0	51368.	4981.9	116.06	4123.3

Sample Name: PB114844BS Acquired: 11/15/2018 14:44:26 Type: Unk
Method: P4-ICP2(v2585) 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	.76913	1.9468	.94608	1.8922	.79724	1.9901	.21582
Stddev	.00047	.0069	.00028	.0080	.00668	.0032	.00061
%RSD	.06140	.35372	.02931	.42360	.83799	.15836	.28046

#1	.76946	1.9419	.94627	1.8865	.79252	1.9923	.21624
#2	.76879	1.9516	.94588	1.8978	.80197	1.9879	.21539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18588	.18479	1.1084	.40443	.19587	.31335	3.1387
Stddev	.00024	.00007	.0208	.00012	.00009	.00199	.0240
%RSD	.13007	.03893	1.8805	.02960	.04427	.63542	.76370

#1	.18571	.18474	1.0937	.40434	.19581	.31194	3.1218
#2	.18605	.18484	1.1232	.40451	.19593	.31476	3.1557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20924	2.0923	.48936	.06798	2.9943	.30568	.20032
Stddev	.00001	.0263	.00009	.00072	.0027	.00066	.00114
%RSD	.00562	1.2561	.01836	1.0572	.08971	.21752	.56851

#1	.20925	2.1109	.48929	.06747	2.9962	.30521	.19952
#2	.20923	2.0737	.48942	.06848	2.9924	.30615	.20113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.146	.43017	.31840	F -.00981	.96786	.66568	.20857
Stddev	.023	.00151	.00376	.00290	.01735	.00177	.00079
%RSD	.22944	.35066	1.1824	29.525	1.7922	.26530	.37743

#1	10.129	.42910	.32106	-.00776	.98012	.66443	.20802
#2	10.162	.43124	.31573	-.01185	.95559	.66693	.20913

Sample Name: PB114844BS Acquired: 11/15/2018 14:44:26 Type: Unk
Method: P4-ICP2(v2585) 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	.20744	5.290	.22029	F 2.6897	F<.00000
Stddev	.00066	.006	.00023	.0403	.01902
%RSD	.31848	.1213	.10305	1.4991	1.5707

#1	.20697	5.295	.22013	2.7182	-1.2244
#2	.20791	5.286	.22045	2.6612	-1.1975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.3	51117.	4921.0	111.00	3986.5
Stddev	1.9	149.	22.3	.54	11.0
%RSD	.05164	.29104	.45230	.48307	.27546

#1	3612.6	51012.	4905.3	111.38	3978.7
#2	3610.0	51222.	4936.8	110.63	3994.2

Sample Name: PB114844TB Acquired: 11/15/2018 14:48:18 Type: Unk
Method: P4-ICP2(v2585) 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	-.00230	-.00108	-.00102	.00184	.00115	-.00594	.00125	-.00003
Stddev	.00059	.00040	.00078	.00131	.00176	.01260	.00045	.00003
%RSD	25.551	36.872	76.367	71.140	153.73	212.18	36.457	121.99
#1	-.00189	-.00137	-.00047	.00091	.00239	-.01485	.00157	-.00000
#2	-.00272	-.00080	-.00157	.00276	-.00010	.00297	.00092	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.01212	.00060	-.00005	-.00046	.02387	-.00009	-.02404
Stddev	.00000	.00527	.00014	.00013	.00004	.00483	.00002	.00986
%RSD	4.3780	43.502	24.110	267.57	9.1887	20.213	23.197	41.026
#1	-.00010	-.00839	.00050	.00004	-.00043	.02729	-.00007	-.03101
#2	-.00009	-.01584	.00070	-.00014	-.00049	.02046	-.00010	-.01706
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	.00134	F 362.89	-.00047	.00531	.02773	-.00010	-.00171
Stddev	.00050	.00058	3.34	.00011	.00013	.00299	.00023	.00053
%RSD	19.437	43.628	.92113	24.365	2.4527	10.789	220.45	30.968
#1	.00221	.00093	365.25	-.00055	.00540	.02561	-.00026	-.00209
#2	.00291	.00175	360.52	-.00039	.00522	.02985	.00006	-.00134
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	.00969	.00228	.00355	-.00228	-.0003	-.00001	F 4.0464
Stddev	.00061	.00238	.00057	.00017	.00089	.0016	.00008	.0477
%RSD	24.443	24.581	24.820	4.7745	38.784	563.4	1383.4	1.1789
#1	.00294	.01137	.00188	.00343	-.00291	.0009	-.00006	4.0127
#2	.00207	.00800	.00268	.00367	-.00166	-.0015	.00005	4.0802

Sample Name: PB114844TB Acquired: 11/15/2018 14:48:18 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5695
Stddev .6409
%RSD 24.944

#1 2.1163
#2 3.0227

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.6	46357.	4826.4	108.25	3490.4
Stddev	20.7	249.	15.5	.15	12.1
%RSD	.61271	.53680	.32205	.14153	.34666

#1	3397.2	46533.	4837.4	108.14	3499.0
#2	3367.9	46181.	4815.5	108.36	3481.8

Sample Name: PB114848BL Acquired: 11/15/2018 14:52:30 Type: Unk
Method: P4-ICP2(v2585) 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	.00237	-.00104	-.00146	-.00116	-.00071	-.00819	.00078	.00003
Stddev	.00040	.00011	.00046	.00078	.00046	.00411	.00065	.00001
%RSD	16.801	10.975	31.537	67.695	64.263	50.175	83.321	25.585

#1	.00265	-.00112	-.00179	-.00171	-.00039	-.00528	.00124	.00002
#2	.00209	-.00096	-.00114	-.00060	-.00104	-.01109	.00032	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01985	-.00054	.00002	-.00039	.00118	-.00023	-.06821
Stddev	.00012	.00275	.00036	.00005	.00033	.00738	.00003	.01882
%RSD	225.72	13.843	65.978	308.30	84.974	625.02	12.423	27.594

#1	.00013	-.01790	-.00029	.00005	-.00016	-.00404	-.00025	-.05490
#2	-.00003	-.02179	-.00080	-.00002	-.00063	.00640	-.00021	-.08152

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00010	.02316	-.00048	-.00070	-.03148	.00015	.00323
Stddev	.00055	.00017	.03501	.00039	.00000	.00642	.00040	.00137
%RSD	330.55	177.01	151.18	81.222	.63784	20.389	273.77	42.499

#1	-.00022	-.00002	.04792	-.00075	-.00070	-.02694	.00043	.00226
#2	.00055	.00022	-.00160	-.00020	-.00070	-.03602	-.00014	.00420

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00664	.00706	.00065	.00104	-.00203	.0011	-.00005	2.5511
Stddev	.00387	.00328	.00051	.00069	.00122	.0009	.00005	.0601
%RSD	58.313	46.547	78.799	66.908	59.986	79.70	93.742	2.3555

#1	-.00390	.00938	.00029	.00055	-.00117	.0017	-.00009	2.5086
#2	-.00938	.00473	.00101	.00153	-.00289	.0005	-.00002	2.5936

Sample Name: PB114848BL Acquired: 11/15/2018 14:52:30 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .73554
Stddev .38696
%RSD 52.610

#1 1.0092
#2 .46191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.1	50911.	4960.4	112.20	4094.6
Stddev	.0	48.	85.7	3.03	10.6
%RSD	.00020	.09508	1.7273	2.7046	.25942

#1	3653.1	50877.	4899.8	110.06	4087.1
#2	3653.2	50945.	5020.9	114.35	4102.1

Sample Name: PB114848BS Acquired: 11/15/2018 14:56:35 Type: Unk
Method: P4-ICP2(v2585) 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	.74523	1.9078	.92559	1.8444	.76717	1.9576	.21031
Stddev	.00224	.0015	.00046	.0034	.00095	.0197	.00887
%RSD	.30070	.07855	.04925	.18216	.12379	1.0036	4.2198

#1	.74681	1.9067	.92526	1.8420	.76649	1.9437	.20403
#2	.74365	1.9088	.92591	1.8468	.76784	1.9715	.21659

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18306	.18116	1.1218	.39699	.19120	.30496	3.0907
Stddev	.00018	.00025	.0435	.00145	.00010	.00030	.2186
%RSD	.09746	.13710	3.8796	.36457	.04983	.09824	7.0722

#1	.18319	.18098	1.0910	.39597	.19127	.30517	2.9361
#2	.18294	.18134	1.1526	.39801	.19114	.30475	3.2452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20584	2.0050	.47774	.06658	2.9402	.29886	.19826
Stddev	.00058	.1235	.00038	.00074	.1364	.00027	.00906
%RSD	.27960	6.1588	.07931	1.1169	4.6379	.08929	4.5707

#1	.20624	1.9177	.47801	.06606	2.8437	.29904	.19185
#2	.20543	2.0923	.47747	.06711	3.0366	.29867	.20467

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8504	.40941	.30637	F .30624	.92818	.64002	.20382
Stddev	.4166	.00086	.01910	.00257	.02155	.00108	.00957
%RSD	4.2293	.20964	6.2360	.83907	2.3213	.16931	4.6949

#1	9.5558	.41001	.29286	.30805	.91295	.64079	.19705
#2	10.145	.40880	.31988	.30442	.94342	.63925	.21058

Sample Name: PB114848BS Acquired: 11/15/2018 14:56:35 Type: Unk
 Method: P4-ICP2(v2585) 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	.20021	F 5.176	.21510	F 2.4446	F<.00000
Stddev	.00853	.003	.00738	.1579	.26956
%RSD	4.2581	.0531	3.4296	6.4597	22.430

#1	.19418	5.174	.20988	2.5562	-1.3924
#2	.20624	5.178	.22032	2.3329	-1.0112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.8	51111.	4939.0	114.11	4004.1
Stddev	8.6	17.	120.4	5.65	12.2
%RSD	.23644	.03381	2.4374	4.9521	.30451

#1	3638.9	51099.	5024.1	118.11	4012.8
#2	3626.7	51124.	4853.9	110.12	3995.5

Sample Name: J5916-03 Acquired: 11/15/2018 15:00:25 Type: Unk
Method: P4-ICP2(v2585) 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	-.00003	.00009	-.00175	-.00141	-.00633	.01666	.00005
Stddev	.00056	.00027	.00024	.00007	.00002	.00228	.00014	.00001
%RSD	100.43	1039.7	265.81	4.2236	1.5582	36.063	.84992	26.554

#1	.00016	-.00021	-.00008	-.00180	-.00140	-.00795	.01676	.00004
#2	.00095	.00016	.00026	-.00170	-.00143	-.00472	.01656	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	28.497	-.00049	.00010	.00061	.04450	.00101	5.5660
Stddev	.00000	.261	.00002	.00019	.00053	.01255	.00002	.0940
%RSD	8.1731	.91680	3.5204	189.46	86.931	28.212	1.8891	1.6892

#1	-.00005	28.312	-.00050	-.00003	.00023	.03562	.00102	5.6325
#2	-.00006	28.682	-.00048	.00024	.00098	.05338	.00100	5.4995

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00016	20.685	-.00008	-.00048	1.6644	.00012	.01278
Stddev	.00049	.00003	.118	.00017	.00002	.0164	.00012	.00618
%RSD	165.29	20.964	.57213	214.34	3.2110	.98460	100.11	48.367

#1	.00065	-.00018	20.769	-.00020	-.00047	1.6528	.00021	.00841
#2	-.00005	-.00013	20.601	.00004	-.00050	1.6760	.00004	.01716

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8054	2.5780	-.00048	.00179	-.00800	.0381	.13809	2.6276
Stddev	.0038	.0367	.00035	.00089	.00213	.0017	.00108	.2061
%RSD	.09998	1.4250	71.994	49.668	26.624	4.547	.78390	7.8437

#1	3.8081	2.6040	-.00073	.00116	-.00950	.0393	.13732	2.7733
#2	3.8027	2.5520	-.00024	.00241	-.00649	.0369	.13885	2.4819

Sample Name: J5916-03 Acquired: 11/15/2018 15:00:25 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4684
Stddev .1581
%RSD 10.768

#1 1.3566
#2 1.5802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.3	50678.	4931.9	112.33	3996.7
Stddev	5.0	740.	12.7	1.21	5.8
%RSD	.13798	1.4603	.25810	1.0750	.14423

#1	3601.8	50154.	4922.9	111.48	4000.8
#2	3594.8	51201.	4940.9	113.19	3992.6

Sample Name: J5916-04 Acquired: 11/15/2018 15:04:26 Type: Unk
Method: P4-ICP2(v2585) 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	.00160	-.00105	-.00039	.00126	-.00235	-.01204	.01499	.00006
Stddev	.00220	.00004	.00013	.00222	.00027	.01407	.00197	.00001
%RSD	137.42	3.5528	32.560	176.93	11.303	116.93	13.171	19.376

#1	.00005	-.00102	-.00030	.00283	-.00216	-.00208	.01360	.00005
#2	.00316	-.00108	-.00048	-.00032	-.00254	-.02199	.01639	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	27.648	-.00059	.00023	.00081	.04366	.00092	5.4880
Stddev	.00000	1.900	.00040	.00016	.00044	.01298	.00000	.3469
%RSD	3.9019	6.8709	68.266	68.757	54.381	29.738	.07247	6.3205

#1	-.00011	26.305	-.00087	.00012	.00112	.03448	.00092	5.2428
#2	-.00011	28.991	-.00030	.00035	.00050	.05284	.00092	5.7333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00044	20.826	.00012	-.00063	1.6791	.00026	.01512
Stddev	.00028	.00021	1.293	.00027	.00005	.1223	.00011	.01148
%RSD	139.74	47.441	6.2091	219.05	7.6945	7.2841	43.465	75.944

#1	.00040	-.00059	19.912	-.00007	-.00067	1.5926	.00034	.02324
#2	.00000	-.00029	21.741	.00031	-.00060	1.7656	.00018	.00700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7799	2.5038	-.00095	.00062	-.00854	.0375	.13373	3.0245
Stddev	.0232	.1448	.00046	.00016	.00033	.0008	.00911	.3565
%RSD	.61296	5.7850	48.778	25.619	3.8213	2.013	6.8135	11.787

#1	3.7963	2.4013	-.00128	.00073	-.00831	.0370	.12729	2.7724
#2	3.7636	2.6062	-.00062	.00051	-.00877	.0381	.14018	3.2766

Sample Name: J5916-04 Acquired: 11/15/2018 15:04:26 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5653
 Stddev .1746
 %RSD 11.154

#1 1.6887
 #2 1.4418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.6	49320.	5071.9	116.71	3976.5
Stddev	10.1	554.	258.2	6.92	11.0
%RSD	.28250	1.1223	5.0909	5.9336	.27727

#1	3566.4	49711.	5254.4	121.60	3968.7
#2	3580.7	48929.	4889.3	111.81	3984.3

Sample Name: J5916-05 Acquired: 11/15/2018 15:08:28 Type: Unk
Method: P4-ICP2(v2585) 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	.00261	-.00135	-.00061	-.00046	.00017	-.00681	.01592	.00010
Stddev	.00007	.00042	.00036	.00182	.00153	.00525	.00012	.00005
%RSD	2.6950	30.813	58.571	394.53	918.41	77.098	.75771	55.222

#1	.00256	-.00165	-.00086	.00082	.00125	-.00310	.01583	.00006
#2	.00266	-.00106	-.00036	-.00175	-.00092	-.01053	.01600	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	28.518	-.00107	.00021	.00048	.04330	.00091	5.6768
Stddev	.00007	.062	.00045	.00005	.00059	.00526	.00007	.0139
%RSD	41.476	.21838	41.853	25.691	121.72	12.148	7.8344	.24473

#1	-.00022	28.562	-.00075	.00024	.00007	.03958	.00086	5.6670
#2	-.00012	28.474	-.00138	.00017	.00090	.04702	.00096	5.6866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00005	21.547	.00001	-.00066	1.6957	.00022	.02404
Stddev	.00022	.00005	.080	.00003	.00012	.0020	.00024	.02265
%RSD	54.989	113.99	.37156	195.51	18.575	.11767	108.89	94.235

#1	.00055	-.00008	21.491	.00003	-.00074	1.6971	.00038	.04006
#2	.00024	-.00001	21.604	-.00001	-.00057	1.6943	.00005	.00802

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8483	2.6016	-.00066	.00101	-.00764	.0386	.13827	2.7875
Stddev	.0019	.0007	.00085	.00077	.00251	.0011	.00047	.3836
%RSD	.04942	.02710	130.13	76.168	32.843	2.782	.33699	13.763

#1	3.8497	2.6011	-.00126	.00155	-.00587	.0394	.13794	2.5163
#2	3.8470	2.6021	-.00005	.00046	-.00941	.0379	.13860	3.0588

Sample Name: J5916-05 Acquired: 11/15/2018 15:08:28 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1713
Stddev .9970
%RSD 85.115

#1 1.8763
#2 .46637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3552.2	50096.	4912.6	114.04	3955.8
Stddev	6.8	1113.	3.1	.36	.6
%RSD	.19242	2.2219	.06406	.31627	.01510

#1	3557.0	50883.	4910.4	114.30	3956.3
#2	3547.4	49309.	4914.8	113.79	3955.4

Sample Name: CCV04 Acquired: 11/15/2018 15:19:13 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0475	4.9844	4.9081	5.0488	5.0625	10.308	10.040	.24603
Stddev	.0303	.0260	.0206	.0073	.0382	.072	.068	.00079
%RSD	.59980	.52065	.41942	.14426	.75485	.69899	.67363	.32007
#1	5.0689	5.0028	4.9227	5.0540	5.0895	10.257	10.088	.24659
#2	5.0261	4.9661	4.8936	5.0437	5.0354	10.359	9.9927	.24548
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4417	26.239	.96804	2.4383	1.2617	4.9738	2.4794	24.440
Stddev	.0116	.112	.00104	.0143	.0075	.1447	.0026	.011
%RSD	.47325	.42626	.10783	.58457	.59731	2.9099	.10651	.04346
#1	2.4499	26.160	.96878	2.4484	1.2670	4.8714	2.4812	24.432
#2	2.4336	26.318	.96731	2.4282	1.2564	5.0761	2.4775	24.447
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4476	1.2099	24.296	2.4474	2.4436	24.822	5.0098	5.0164
Stddev	.0133	.0020	.159	.0021	.0277	.140	.0391	.0297
%RSD	.54214	.16231	.65404	.08715	1.1339	.56415	.78061	.59190
#1	2.4569	1.2113	24.409	2.4489	2.4240	24.921	5.0375	4.9954
#2	2.4382	1.2085	24.184	2.4459	2.4632	24.723	4.9822	5.0374
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9311	5.0447	4.8698	4.9421	4.9826	4.977	5.2273	F 3.6906
Stddev	.0322	.0439	.0238	.0000	.0204	.022	.0129	.0489
%RSD	.65322	.87001	.48930	.00088	.40973	.4464	.24692	1.3257
#1	4.9538	5.0757	4.8866	4.9421	4.9970	4.993	5.2364	3.7252
#2	4.9083	5.0136	4.8529	4.9421	4.9681	4.962	5.2182	3.6560

Sample Name: CCV04 Acquired: 11/15/2018 15:19:13 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.5431
 Stddev .1573
 %RSD 6.1831

#1 2.6543
 #2 2.4320

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.2	48349.	4942.4	110.00	3605.9
Stddev	27.1	149.	39.7	1.30	19.2
%RSD	.77619	.30752	.80298	1.1805	.53249

#1	3472.1	48244.	4914.4	110.92	3592.3
#2	3510.4	48454.	4970.5	109.08	3619.5

Sample Name: CCB04 Acquired: 11/15/2018 15:22:56 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7690 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	-.00021	-.00109	-.00188	.00366	-.01078	.00127
Stddev	.00261	.00001	.00058	.00179	.00061	.00634	.00010
%RSD	190.07	5.3802	53.474	95.060	16.752	58.830	7.7353

#1	-.00322	-.00021	-.00150	-.00315	.00409	-.00630	.00134
#2	.00047	-.00020	-.00068	-.00062	.00323	-.01526	.00120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00004	-.01299	-.00030	-.00009	-.00070	-.00280
Stddev	.00004	.00004	.01320	.00008	.00006	.00016	.00018
%RSD	290.14	110.24	101.60	27.042	70.248	22.956	6.2510

#1	-.00005	-.00007	-.00366	-.00035	-.00013	-.00058	-.00268
#2	.00002	-.00001	-.02232	-.00024	-.00004	-.00081	-.00293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.06182	.00017	-.00005	-.09001	-.00062	-.00052
Stddev	.00009	.03412	.00019	.00014	.00471	.00007	.00003
%RSD	36.067	55.182	108.19	283.09	5.2333	12.070	6.1510

#1	-.00031	-.03770	.00030	-.00015	-.09334	-.00057	-.00050
#2	-.00018	-.08595	.00004	.00005	-.08668	-.00067	-.00055

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06500	.00025	.00954	-.00714	.00712	.00071	.00089
Stddev	.02068	.00025	.00139	.00239	.00060	.00015	.00173
%RSD	31.809	101.21	14.601	33.536	8.4231	20.687	193.53

#1	-.07962	.00007	.01052	-.00883	.00669	.00081	.00212
#2	-.05038	.00043	.00855	-.00545	.00754	.00060	-.00033

Sample Name: CCB04 Acquired: 11/15/2018 15:22:56 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7690 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00241	.0002	-0.00001	F 2.5751	F<.00000
Stddev	.00129	.0006	.00002	.0355	.37813
%RSD	53.317	307.3	255.98	1.3777	316.81

#1	-0.00332	-0.0002	-0.00002	2.6002	-.38674
#2	-0.00150	.0006	.00001	2.5500	.14803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.7	50685.	4885.5	113.32	4053.5
Stddev	4.9	35.	4.2	1.17	9.4
%RSD	.13712	.06983	.08697	1.0348	.23209

#1	3606.2	50711.	4888.5	114.15	4046.9
#2	3613.2	50660.	4882.5	112.49	4060.2

Sample Name: J5916-06 Acquired: 11/15/2018 15:27:01 Type: Unk
Method: P4-ICP2(v2585) 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	.00250	-.00042	.00059	-.00084	-.00169	.00038	.01584	.00009
Stddev	.00032	.00176	.00029	.00191	.00137	.01111	.00035	.00001
%RSD	12.862	419.56	49.766	228.37	81.227	2900.9	2.2004	8.8336

#1	.00228	.00082	.00080	-.00219	-.00266	.00824	.01608	.00010
#2	.00273	-.00166	.00038	.00051	-.00072	-.00747	.01559	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	28.553	-.00071	.00020	.00052	.03909	.00096	5.7083
Stddev	.00001	.075	.00016	.00011	.00045	.00961	.00006	.1171
%RSD	7.3258	.26337	22.880	54.854	86.198	24.599	6.3173	2.0506

#1	-.00013	28.607	-.00060	.00027	.00084	.04588	.00091	5.7910
#2	-.00014	28.500	-.00083	.00012	.00020	.03229	.00100	5.6255

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00038	21.307	-.00035	-.00055	1.7001	.00021	.01745
Stddev	.00046	.00008	.117	.00011	.00005	.0100	.00004	.01110
%RSD	143.52	21.577	.54688	30.015	9.7145	.59076	16.892	63.642

#1	.00064	-.00043	21.389	-.00028	-.00051	1.6930	.00019	.02530
#2	-.00000	-.00032	21.225	-.00043	-.00059	1.7072	.00024	.00960

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8374	2.5742	-.00065	.00249	-.00739	.0387	.13850	3.1488
Stddev	.0100	.0080	.00040	.00105	.00081	.0001	.00041	.0429
%RSD	.26116	.31208	61.251	42.164	10.969	.1790	.29846	1.3620

#1	3.8303	2.5798	-.00093	.00324	-.00796	.0386	.13821	3.1185
#2	3.8445	2.5685	-.00037	.00175	-.00681	.0387	.13880	3.1791

Sample Name: J5916-06 Acquired: 11/15/2018 15:27:01 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .98267
 Stddev .14772
 %RSD 15.033

#1 1.0871
 #2 .87821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.3	49541.	4949.2	113.48	3953.2
Stddev	1.7	152.	5.1	.20	2.0
%RSD	.04862	.30669	.10209	.17984	.05138

#1	3548.0	49649.	4952.8	113.34	3954.6
#2	3550.5	49434.	4945.7	113.62	3951.7

Sample Name: J5916-07 Acquired: 11/15/2018 15:31:03 Type: Unk
Method: P4-ICP2(v2585) 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	.00043	.00047	-.00084	-.00095	-.00079	-.00238	.01664	.00004
Stddev	.00067	.00026	.00046	.00197	.00195	.00779	.00000	.00000
%RSD	158.10	55.969	55.413	206.74	245.79	327.28	.00483	4.6913

#1	-.00005	.00029	-.00051	.00044	.00059	-.00788	.01664	.00004
#2	.00090	.00066	-.00117	-.00235	-.00217	.00313	.01664	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	28.628	-.00067	.00004	.00056	.03869	.00136	5.6306
Stddev	.00005	.064	.00035	.00022	.00049	.01468	.00007	.0490
%RSD	53.387	.22454	52.443	531.80	87.025	37.930	5.0305	.87098

#1	-.00014	28.673	-.00042	.00020	.00091	.04907	.00131	5.6653
#2	-.00006	28.582	-.00092	-.00011	.00022	.02831	.00141	5.5960

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00087	21.483	-.00005	.00151	1.6869	-.00014	.01547
Stddev	.00020	.00021	.121	.00039	.00022	.0053	.00032	.00175
%RSD	29.392	23.884	.56409	761.31	14.469	.31675	232.52	11.278

#1	.00054	-.00102	21.569	.00022	.00136	1.6907	-.00037	.01671
#2	.00083	-.00073	21.397	-.00032	.00167	1.6831	.00009	.01424

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7428	2.6064	-.00086	-.00028	-.00701	.0384	.13829	3.0462
Stddev	.1295	.0033	.00006	.00005	.00089	.0014	.00032	.0959
%RSD	3.4593	.12761	7.2334	16.860	12.647	3.667	.23351	3.1499

#1	3.8344	2.6041	-.00090	-.00032	-.00764	.0394	.13852	3.1140
#2	3.6513	2.6088	-.00081	-.00025	-.00639	.0374	.13807	2.9783

Sample Name: J5916-07 Acquired: 11/15/2018 15:31:03 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .91525
Stddev .11640
%RSD 12.718

#1 .99755
#2 .83294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3593.9	49444.	4893.4	114.05	4005.1
Stddev	95.7	260.	23.1	.34	116.8
%RSD	2.6627	.52621	.47295	.29829	2.9175

#1	3526.2	49628.	4877.0	114.29	3922.5
#2	3661.5	49260.	4909.7	113.81	4087.8

Sample Name: J5916-08 Acquired: 11/15/2018 15:35:05 Type: Unk
Method: P4-ICP2(v2585) 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	.00265	-.00054	-.00093	-.00397	.00129	-.00948	.01613	.00006
Stddev	.00050	.00196	.00128	.00021	.00144	.01357	.00039	.00003
%RSD	18.747	364.15	138.19	5.3627	111.77	143.12	2.3982	54.831

#1	.00230	-.00192	-.00002	-.00382	.00027	-.01908	.01586	.00003
#2	.00300	.00085	-.00183	-.00412	.00231	.00011	.01640	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	28.562	-.00053	.00029	.00089	.04198	.00094	5.6527
Stddev	.00009	.908	.00060	.00007	.00005	.00008	.00003	.0661
%RSD	127.45	3.1804	112.84	22.795	5.9737	.18117	3.1263	1.1694

#1	-.00001	27.919	-.00095	.00025	.00085	.04204	.00092	5.6059
#2	-.00013	29.204	-.00011	.00034	.00093	.04193	.00096	5.6994

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00046	21.527	-.00018	-.00061	1.6421	.00015	.00984
Stddev	.00018	.00023	.527	.00004	.00004	.0382	.00014	.00246
%RSD	69.887	50.759	2.4469	22.638	6.2197	2.3252	98.314	24.948

#1	.00039	.00063	21.155	-.00015	-.00064	1.6151	.00004	.01158
#2	.00013	.00030	21.900	-.00021	-.00059	1.6691	.00025	.00811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8206	2.5788	-.00159	.00108	-.00859	.0378	.13818	2.9585
Stddev	.0389	.0709	.00065	.00153	.00179	.0010	.00369	.2733
%RSD	1.0186	2.7488	41.180	141.72	20.881	2.593	2.6676	9.2384

#1	3.8481	2.5287	-.00112	.00216	-.00986	.0385	.13558	2.7652
#2	3.7931	2.6289	-.00205	-.00000	-.00732	.0371	.14079	3.1517

Sample Name: J5916-08 Acquired: 11/15/2018 15:35:05 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5066
Stddev .1186
%RSD 7.8732

#1 1.4227
#2 1.5904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.9	49788.	4919.5	114.94	3941.8
Stddev	14.5	628.	118.3	2.05	18.9
%RSD	.41059	1.2616	2.4039	1.7818	.47924

#1	3522.6	50232.	5003.2	116.39	3928.4
#2	3543.1	49343.	4835.9	113.49	3955.1

Sample Name: J5916-09 Acquired: 11/15/2018 15:39:08 Type: Unk
Method: P4-ICP2(v2585) 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	-.00040	-.00027	-.00070	-.00123	-.00137	.00140	.01768	.00016
Stddev	.00204	.00043	.00048	.00241	.00230	.00295	.00076	.00002
%RSD	510.58	157.17	67.658	195.86	167.66	210.72	4.2944	11.467

#1	.00105	.00003	-.00104	.00047	-.00300	.00349	.01714	.00014
#2	-.00185	-.00057	-.00037	-.00293	.00025	-.00069	.01822	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	28.862	-.00095	.00019	.00113	.04597	.00096	5.7018
Stddev	.00000	.147	.00040	.00030	.00005	.01952	.00003	.0302
%RSD	.69728	.50818	41.925	158.40	4.7639	42.464	2.9502	.52973

#1	-.00010	28.758	-.00067	.00040	.00117	.05978	.00098	5.6804
#2	-.00010	28.966	-.00123	-.00002	.00110	.03217	.00094	5.7232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00010	21.778	.00008	-.00048	1.6848	.00021	.01513
Stddev	.00022	.00009	.119	.00084	.00020	.0281	.00004	.00008
%RSD	78.955	85.381	.54629	1019.3	40.614	1.6679	20.752	.50662

#1	.00042	-.00004	21.694	.00068	-.00034	1.7046	.00018	.01518
#2	.00012	-.00016	21.862	-.00051	-.00062	1.6649	.00024	.01507

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8713	2.6259	-.00108	.00162	-.00855	.0393	.13962	3.0305
Stddev	.0745	.0290	.00005	.00067	.00003	.0011	.00054	.1300
%RSD	1.9237	1.1031	4.5397	41.446	.32967	2.881	.38780	4.2881

#1	3.9240	2.6054	-.00111	.00115	-.00857	.0401	.13924	2.9386
#2	3.8186	2.6464	-.00104	.00210	-.00853	.0385	.14001	3.1223

Sample Name: J5916-09 Acquired: 11/15/2018 15:39:08 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6353
Stddev .2699
%RSD 16.503

#1 1.4444
#2 1.8261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.8	49003.	4885.3	112.78	3922.3
Stddev	12.8	123.	48.7	.50	35.6
%RSD	.36433	.25091	.99653	.44678	.90779

#1	3499.8	49090.	4919.7	112.42	3897.2
#2	3517.9	48917.	4850.9	113.14	3947.5

Sample Name: J5916-10 Acquired: 11/15/2018 15:43:12 Type: Unk
Method: P4-ICP2(v2585) 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	.00425	-.00044	-.00103	.00044	-.00091	-.00793	.01651	.00009
Stddev	.00049	.00098	.00062	.00016	.00095	.00584	.00047	.00000
%RSD	11.644	222.29	60.536	35.276	104.49	73.580	2.8546	.70436
#1	.00460	-.00113	-.00059	.00033	-.00024	-.00381	.01617	.00009
#2	.00390	.00025	-.00147	.00055	-.00158	-.01206	.01684	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	28.892	-.00053	.00016	.00053	.04567	.00102	5.8260
Stddev	.00002	.414	.00069	.00008	.00004	.00405	.00004	.0599
%RSD	51.133	1.4321	131.48	50.538	7.8169	8.8671	3.7371	1.0288
#1	-.00002	28.600	-.00004	.00022	.00056	.04853	.00104	5.8684
#2	-.00005	29.185	-.00102	.00010	.00050	.04280	.00099	5.7836
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.00055	22.499	.00025	.00081	1.7824	.00008	.01319
Stddev	.00022	.00057	.021	.00063	.00005	.0087	.00041	.01659
%RSD	85.919	104.21	.09144	255.51	5.8919	.48706	488.23	125.75
#1	.00010	-.00096	22.513	.00070	.00078	1.7762	-.00021	.00146
#2	.00041	-.00015	22.484	-.00020	.00085	1.7885	.00038	.02492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8222	2.6308	-.00077	-.00004	-.00642	.0375	.13944	2.9971
Stddev	.0307	.0167	.00135	.00091	.00181	.0001	.00112	.1752
%RSD	.80343	.63311	174.25	2115.5	28.280	.3916	.80520	5.8467
#1	3.8005	2.6190	.00018	-.00069	-.00770	.0374	.13865	3.1210
#2	3.8440	2.6426	-.00173	.00060	-.00513	.0376	.14023	2.8732

Sample Name: J5916-10 Acquired: 11/15/2018 15:43:12 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7177
Stddev .2546
%RSD 14.822

#1 1.5377
#2 1.8977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.7	49248.	4833.8	111.03	3944.7
Stddev	36.7	405.	28.7	1.35	22.6
%RSD	1.0391	.82216	.59334	1.2114	.57203

#1	3557.7	48962.	4854.1	111.98	3960.6
#2	3505.8	49535.	4813.5	110.08	3928.7

Sample Name: J5916-11 Acquired: 11/15/2018 15:47:14 Type: Unk
Method: P4-ICP2(v2585) 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	.00423	-.00018	-.00096	.00112	-.00045	-.00286	.01690	.00011
Stddev	.00051	.00146	.00050	.00202	.00006	.00556	.00023	.00005
%RSD	12.048	802.01	52.020	180.35	12.567	194.05	1.3561	48.403

#1	.00459	-.00121	-.00132	-.00031	-.00049	.00107	.01673	.00014
#2	.00387	.00085	-.00061	.00255	-.00041	-.00679	.01706	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	28.652	-.00089	.00017	.00112	.04836	.00104	5.8097
Stddev	.00001	.067	.00019	.00023	.00008	.00902	.00003	.0644
%RSD	7.9963	.23537	21.477	132.41	7.2407	18.657	2.6979	1.1077

#1	-.00009	28.604	-.00075	.00001	.00117	.05474	.00102	5.7642
#2	-.00010	28.700	-.00102	.00034	.00106	.04198	.00106	5.8552

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00030	22.111	.00009	-.00057	1.7526	.00024	.02038
Stddev	.00050	.00030	.021	.00036	.00005	.0297	.00022	.00948
%RSD	171.49	100.94	.09282	379.34	8.7293	1.6932	91.701	46.531

#1	.00064	-.00009	22.125	.00035	-.00060	1.7736	.00039	.01367
#2	-.00006	-.00051	22.096	-.00016	-.00053	1.7316	.00008	.02708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8336	2.5913	-.00093	.00210	-.00807	.0387	.13850	3.4559
Stddev	.0298	.0010	.00024	.00095	.00018	.0022	.00086	.0733
%RSD	.77807	.04004	25.650	45.057	2.1779	5.793	.62118	2.1218

#1	3.8547	2.5921	-.00109	.00143	-.00795	.0403	.13790	3.4040
#2	3.8125	2.5906	-.00076	.00277	-.00820	.0372	.13911	3.5077

Sample Name: J5916-11 Acquired: 11/15/2018 15:47:14 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .50104
Stddev .04669
%RSD 9.3183

#1 .53405
#2 .46802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.2	48324.	4934.9	115.41	3916.7
Stddev	16.0	352.	13.6	.81	18.7
%RSD	.45453	.72743	.27574	.70042	.47629

#1	3508.9	48573.	4944.5	114.84	3903.5
#2	3531.5	48076.	4925.3	115.98	3929.9

Sample Name: J5916-12 Acquired: 11/15/2018 15:51:17 Type: Unk
Method: P4-ICP2(v2585) 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	.00115	-.00013	.00004	-.00007	-.00195	-.01029	.01547	.00007
Stddev	.00091	.00124	.00179	.00450	.00196	.00188	.00078	.00000
%RSD	79.380	950.38	4395.8	6113.7	100.63	18.259	5.0142	.35215
#1	.00051	.00075	-.00122	-.00326	-.00334	-.00896	.01602	.00007
#2	.00180	-.00101	.00131	.00311	-.00056	-.01161	.01493	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	28.203	-.00056	-.00003	.00067	.03755	.00103	5.6622
Stddev	.00013	.390	.00018	.00003	.00023	.00690	.00009	.0429
%RSD	142.75	1.3819	31.950	75.422	33.783	18.375	8.8810	.75762
#1	.00000	28.479	-.00043	-.00002	.00083	.03267	.00110	5.6925
#2	-.00018	27.928	-.00068	-.00005	.00051	.04243	.00097	5.6318
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00030	21.862	.00011	-.00058	1.7302	.00006	.01050
Stddev	.00021	.00042	.316	.00031	.00011	.0264	.00028	.00968
%RSD	1421.1	137.39	1.4462	273.28	19.560	1.5249	470.49	92.224
#1	-.00016	-.00001	22.086	-.00011	-.00050	1.7488	-.00014	.01735
#2	.00013	-.00060	21.639	.00034	-.00066	1.7115	.00026	.00365
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8563	2.5600	-.00111	.00009	-.00869	.0384	.13652	2.8609
Stddev	.0313	.0469	.00043	.00046	.00224	.0008	.00196	.4612
%RSD	.81279	1.8332	38.627	511.45	25.788	2.197	1.4379	16.121
#1	3.8785	2.5932	-.00081	-.00024	-.00710	.0390	.13790	3.1870
#2	3.8341	2.5268	-.00141	.00042	-.01027	.0378	.13513	2.5348

Sample Name: J5916-12 Acquired: 11/15/2018 15:51:17 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0769
 Stddev .4855
 %RSD 45.089

#1 1.4202
 #2 .73354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.0	49810.	4955.8	113.65	3897.2
Stddev	.6	1431.	45.5	.86	.8
%RSD	.01727	2.8722	.91723	.76100	.01970

#1	3497.6	48799.	4923.6	113.04	3896.7
#2	3498.5	50822.	4987.9	114.26	3897.8

Sample Name: J5916-13 Acquired: 11/15/2018 15:55:18 Type: Unk
Method: P4-ICP2(v2585) 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	.00192	.00083	-.00083	-.00236	-.00182	-.01418	.01445	.00004
Stddev	.00090	.00068	.00005	.00105	.00005	.01670	.00005	.00003
%RSD	46.834	82.354	5.5271	44.466	2.9904	117.79	.33439	75.528

#1	.00128	.00035	-.00080	-.00162	-.00178	-.02599	.01442	.00002
#2	.00255	.00131	-.00086	-.00310	-.00186	-.00237	.01448	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	28.531	-.00058	.00019	.00091	.04164	.00310	5.8348
Stddev	.00011	.074	.00050	.00004	.00028	.01444	.00005	.0778
%RSD	204.14	.26051	85.685	23.583	30.749	34.683	1.4969	1.3334

#1	-.00013	28.584	-.00093	.00022	.00072	.03142	.00307	5.8898
#2	.00002	28.479	-.00023	.00016	.00111	.05185	.00314	5.7798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00013	23.142	-.00018	-.00065	1.7684	.00037	.01781
Stddev	.00008	.00002	.022	.00032	.00001	.0467	.00002	.01600
%RSD	15.521	16.456	.09310	176.33	1.4813	2.6399	6.4224	89.813

#1	.00056	-.00011	23.126	-.00040	-.00066	1.7354	.00036	.02912
#2	.00045	-.00014	23.157	.00004	-.00065	1.8014	.00039	.00650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9906	2.5655	-.00117	.00141	-.00793	.0431	.14104	3.3908
Stddev	.0442	.0096	.00010	.00086	.00046	.0009	.00062	.0168
%RSD	1.1070	.37456	8.8239	60.994	5.8403	1.988	.43843	.49467

#1	3.9594	2.5587	-.00110	.00202	-.00826	.0437	.14148	3.4027
#2	4.0218	2.5723	-.00125	.00080	-.00761	.0425	.14060	3.3790

Sample Name: J5916-13 Acquired: 11/15/2018 15:55:18 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0735
Stddev .6696
%RSD 62.370

#1 1.5470
#2 .60008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.9	48483.	4898.9	114.55	3931.5
Stddev	28.2	400.	5.8	1.55	39.2
%RSD	.80000	.82402	.11909	1.3508	.99684

#1	3540.9	48201.	4903.1	115.65	3959.2
#2	3501.0	48766.	4894.8	113.46	3903.8

Sample Name: J5916-14 Acquired: 11/15/2018 15:59:20 Type: Unk
 Method: P4-ICP2(v2585) 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	.00111	-.00005	-.00055	.00047	-.00164	-.00647	.01552	.00010
Stddev	.00020	.00005	.00130	.00123	.00106	.00670	.00096	.00001
%RSD	18.162	98.916	234.90	260.97	64.914	103.50	6.1871	8.4395

#1	.00097	-.00001	-.00147	.00134	-.00089	-.01120	.01620	.00010
#2	.00126	-.00008	.00037	-.00040	-.00239	-.00173	.01484	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	28.924	-.00047	.00025	.00077	.03888	.00290	5.7780
Stddev	.00004	.426	.00025	.00002	.00001	.00749	.00004	.0615
%RSD	80.985	1.4721	53.348	8.9454	.85729	19.272	1.3202	1.0638

#1	-.00002	29.225	-.00065	.00026	.00078	.04418	.00293	5.8215
#2	-.00009	28.623	-.00030	.00023	.00077	.03358	.00287	5.7345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00054	22.765	.00032	-.00071	1.7700	.00020	.02109
Stddev	.00035	.00016	.439	.00017	.00007	.0625	.00010	.00528
%RSD	73.672	29.577	1.9267	53.266	9.1387	3.5311	50.744	25.054

#1	.00073	-.00065	23.075	.00044	-.00076	1.8142	.00028	.02482
#2	.00023	-.00042	22.455	.00020	-.00067	1.7258	.00013	.01735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9761	2.5960	-.00124	.00146	-.00651	.0412	.14289	3.6101
Stddev	.0632	.0437	.00020	.00015	.00056	.0028	.00217	.0419
%RSD	1.5895	1.6853	16.039	10.550	8.6299	6.727	1.5207	1.1605

#1	3.9314	2.6269	-.00138	.00135	-.00690	.0392	.14443	3.6398
#2	4.0208	2.5650	-.00110	.00157	-.00611	.0431	.14135	3.5805

Sample Name: J5916-14 Acquired: 11/15/2018 15:59:20 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4113
Stddev .1722
%RSD 12.198

#1 1.5331
#2 1.2896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.5	48135.	4865.4	113.82	3916.1
Stddev	25.0	191.	83.2	3.20	26.6
%RSD	.71137	.39773	1.7108	2.8087	.67967

#1	3529.1	48000.	4806.6	111.56	3934.9
#2	3493.8	48271.	4924.3	116.08	3897.3

Sample Name: J5916-15 Acquired: 11/15/2018 16:03:22 Type: Unk
Method: P4-ICP2(v2585) 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	.00160	.00038	-.00083	-.00404	-.00150	-.02291	.01429	.00004
Stddev	.00053	.00088	.00093	.00100	.00021	.00297	.00053	.00006
%RSD	33.100	228.80	111.78	24.748	14.117	12.960	3.7407	140.02

#1	.00198	.00101	-.00149	-.00475	-.00165	-.02081	.01391	.00009
#2	.00123	-.00024	-.00017	-.00334	-.00135	-.02501	.01466	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	28.582	-.00070	.00009	.00077	.03718	.00071	5.8668
Stddev	.00008	.067	.00016	.00001	.00030	.00837	.00003	.0691
%RSD	53.292	.23288	23.451	15.340	38.979	22.504	4.5012	1.1774

#1	-.00010	28.629	-.00081	.00010	.00098	.03126	.00074	5.9157
#2	-.00022	28.535	-.00058	.00008	.00056	.04309	.00069	5.8180

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00005	23.175	.00004	-.00079	1.7817	-.00013	.01373
Stddev	.00084	.00035	.131	.00042	.00014	.0128	.00005	.00821
%RSD	919.12	747.68	.56533	1176.9	17.736	.72041	39.681	59.840

#1	-.00068	-.00030	23.267	.00033	-.00069	1.7727	-.00017	.01954
#2	.00050	.00020	23.082	-.00026	-.00089	1.7908	-.00009	.00792

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0580	2.5594	-.00068	.00378	-.00802	.0427	.14117	3.1318
Stddev	.0383	.0064	.00031	.00173	.00010	.0002	.00098	.1615
%RSD	.94458	.24930	45.377	45.840	1.2021	.4847	.69582	5.1557

#1	4.0309	2.5548	-.00090	.00255	-.00809	.0428	.14186	3.0176
#2	4.0851	2.5639	-.00046	.00500	-.00795	.0425	.14047	3.2460

Sample Name: J5916-15 Acquired: 11/15/2018 16:03:22 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.40099
Stddev	.31121
%RSD	77.609

#1	.62105
#2	.18094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.1	48896.	4893.0	115.12	3867.8
Stddev	14.9	49.	15.6	1.01	29.3
%RSD	.42828	.10076	.31916	.87631	.75688

#1	3486.6	48931.	4882.0	115.84	3888.5
#2	3465.6	48861.	4904.1	114.41	3847.1

Sample Name: CCV05 Acquired: 11/15/2018 16:07:24 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14196 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1192	5.0769	4.9715	5.1432	5.1488	10.351	10.187	.24938
Stddev	.0326	.0549	.0553	.0333	.0497	.019	.034	.00080
%RSD	.63639	1.0814	1.1130	.64640	.96420	.18732	.32914	.32021
#1	5.0962	5.0381	4.9323	5.1197	5.1137	10.337	10.164	.24995
#2	5.1422	5.1157	5.0106	5.1667	5.1839	10.365	10.211	.24882
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4801	26.576	.97968	2.4778	1.2834	5.1408	2.5065	24.754
Stddev	.0235	.108	.00441	.0258	.0120	.0985	.0020	.206
%RSD	.94866	.40777	.45065	1.0423	.93164	1.9160	.08110	.83400
#1	2.4635	26.653	.97655	2.4596	1.2749	5.0711	2.5051	24.900
#2	2.4967	26.499	.98280	2.4961	1.2918	5.2104	2.5079	24.608
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4890	1.2298	24.692	2.4892	2.5253	25.147	5.0934	5.0668
Stddev	.0227	.0013	.156	.0047	.0462	.003	.0367	.0032
%RSD	.90994	.10821	.63215	.19026	1.8298	.01056	.72064	.06314
#1	2.4730	1.2308	24.582	2.4859	2.4926	25.149	5.0674	5.0690
#2	2.5050	1.2289	24.803	2.4926	2.5579	25.145	5.1193	5.0645
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0199	5.0938	4.9431	5.0057	5.0503	5.069	5.2972	F 3.7049
Stddev	.0550	.0195	.0464	.0144	.0188	.055	.0079	.0572
%RSD	1.0952	.38217	.93896	.28743	.37285	1.087	.14886	1.5440
#1	4.9810	5.1075	4.9103	5.0158	5.0370	5.030	5.2916	3.6645
#2	5.0588	5.0800	4.9760	4.9955	5.0637	5.108	5.3027	3.7454

Sample Name: CCV05 Acquired: 11/15/2018 16:07:24 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14196 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8608
Stddev	.0386
%RSD	1.3491

#1	2.8881
#2	2.8335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.0	47804.	4863.1	106.54	3545.9
Stddev	15.5	112.	.4	1.66	22.3
%RSD	.45094	.23327	.00869	1.5569	.62957

#1	3446.0	47883.	4862.8	107.72	3561.6
#2	3424.1	47725.	4863.4	105.37	3530.1

Sample Name: CCB05 Acquired: 11/15/2018 16:11:08 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14196 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	-.00076	-.00039	-.00236	.00395	-.00548	.00113	.00003
Stddev	.00259	.00044	.00062	.00093	.00092	.00520	.00032	.00002
%RSD	118.00	57.649	156.34	39.343	23.234	94.903	28.076	56.155
#1	-.00036	-.00045	-.00083	-.00170	.00330	-.00180	.00091	.00004
#2	-.00402	-.00107	.00004	-.00302	.00460	-.00916	.00136	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.02466	.00014	.00027	-.00060	.00657	-.00019	-.04562
Stddev	.00009	.01306	.00027	.00010	.00056	.01033	.00008	.02480
%RSD	647.26	52.974	193.98	34.936	93.582	157.27	42.193	54.361
#1	.00005	-.01542	.00033	.00021	-.00099	-.00074	-.00013	-.06316
#2	-.00008	-.03389	-.00005	.00034	-.00020	.01387	-.00025	-.02809
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00030	-.07840	-.00049	-.00059	-.06065	.00051	.00509
Stddev	.00019	.00009	.00451	.00049	.00008	.00403	.00017	.00383
%RSD	29.977	30.494	5.7506	101.20	14.155	6.6387	32.544	75.129
#1	.00078	-.00024	-.07522	-.00084	-.00053	-.05780	.00039	.00780
#2	.00051	-.00037	-.08159	-.00014	-.00065	-.06350	.00063	.00239
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00385	.00713	.00104	.00026	-.00268	.0014	-.00003	F 2.4089
Stddev	.00052	.00312	.00028	.00160	.00019	.0002	.00001	.3204
%RSD	13.583	43.719	27.410	615.09	6.9472	16.48	20.330	13.299
#1	-.00422	.00493	.00124	.00139	-.00255	.0012	-.00003	2.6354
#2	-.00348	.00933	.00083	-.00087	-.00281	.0015	-.00004	2.1823

Sample Name: CCB05 Acquired: 11/15/2018 16:11:08 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14196 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .09694
Stddev .03643
%RSD 37.578

#1 .07118
#2 .12270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.8	50944.	4809.0	110.68	4027.2
Stddev	22.7	827.	65.4	2.63	22.1
%RSD	.63377	1.6232	1.3591	2.3746	.54873

#1	3599.9	50359.	4762.8	108.82	4042.8
#2	3567.8	51528.	4855.2	112.53	4011.6

Sample Name: J5958-01 Acquired: 11/15/2018 16:15:13 Type: Unk
Method: P4-ICP2(v2585) 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	-.00047	-.00081	-.00098	-.00089	.00008	-.00125	.01681	.00011
Stddev	.00088	.00092	.00122	.00042	.00179	.00006	.00025	.00000
%RSD	188.70	113.48	124.80	47.691	2266.9	5.1052	1.4753	1.3746

#1	-.00109	-.00016	-.00011	-.00119	.00134	-.00121	.01698	.00011
#2	.00016	-.00146	-.00184	-.00059	-.00119	-.00130	.01663	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	28.377	-.00024	.00012	.00076	.03857	.00198	6.3599
Stddev	.00007	.186	.00041	.00020	.00022	.00702	.00004	.0521
%RSD	88.278	.65604	169.52	168.03	29.333	18.190	1.8279	.81871

#1	-.00003	28.509	-.00053	.00026	.00091	.04353	.00201	6.3967
#2	-.00013	28.246	.00005	-.00002	.00060	.03361	.00195	6.3231

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00071	27.377	.00052	.00067	1.8595	.00012	.01604
Stddev	.00011	.00004	.241	.00003	.00008	.0084	.00032	.01390
%RSD	243.55	6.2139	.88139	5.6560	11.883	.45173	263.49	86.684

#1	-.00013	-.00068	27.548	.00050	.00072	1.8655	.00035	.02587
#2	.00003	-.00074	27.206	.00054	.00061	1.8536	-.00011	.00621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4353	2.7176	-.00045	.00081	-.00752	.0369	.13869	3.2334
Stddev	.1057	.0373	.00072	.00047	.00060	.0016	.00109	.7281
%RSD	2.3836	1.3709	161.06	58.527	8.0133	4.457	.78871	22.517

#1	4.5100	2.7440	-.00096	.00048	-.00710	.0380	.13946	3.7482
#2	4.3605	2.6913	.00006	.00115	-.00795	.0357	.13791	2.7186

Sample Name: J5958-01 Acquired: 11/15/2018 16:15:13 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0384
Stddev .4926
%RSD 47.442

#1 1.3867
#2 .69004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.2	48381.	4938.2	113.10	3887.2
Stddev	58.2	2450.	26.2	.70	62.9
%RSD	1.6566	5.0646	.53149	.61656	1.6187

#1	3472.1	46648.	4919.6	112.61	3842.7
#2	3554.4	50113.	4956.8	113.60	3931.7

Sample Name: J5958-01DUP Acquired: 11/15/2018 16:19:15 Type: Unk
Method: P4-ICP2(v2585) 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	.00036	-.00058	-.00116	.00007	-.00114	-.00227	.01917	.00006
Stddev	.00054	.00008	.00070	.00041	.00076	.00304	.00192	.00003
%RSD	148.64	14.014	60.473	614.67	66.572	133.54	10.001	61.045

#1	-.00002	-.00063	-.00165	-.00022	-.00060	-.00442	.01782	.00003
#2	.00074	-.00052	-.00066	.00035	-.00168	-.00013	.02053	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	30.199	-.00045	.00009	.00072	.04660	.00192	6.7043
Stddev	.00005	2.222	.00027	.00007	.00056	.00541	.00000	.4587
%RSD	69.302	7.3565	59.646	84.138	76.983	11.609	.01144	6.8410

#1	-.00003	28.628	-.00064	.00004	.00033	.04277	.00192	6.3800
#2	-.00010	31.770	-.00026	.00014	.00112	.05042	.00192	7.0286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00002	28.907	-.00002	.00019	1.9596	.00015	.01103
Stddev	.00000	.00039	2.101	.00031	.00006	.1411	.00005	.00203
%RSD	.34687	2071.5	7.2693	1865.0	33.389	7.2002	33.869	18.380

#1	-.00020	-.00026	27.421	.00020	.00014	1.8598	.00011	.00959
#2	-.00020	.00029	30.393	-.00024	.00023	2.0594	.00019	.01246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4399	2.8756	-.00138	.00266	-.00689	.0380	.14748	3.0649
Stddev	.0338	.1742	.00006	.00150	.00055	.0004	.01128	.2261
%RSD	.76156	6.0577	4.5022	56.186	7.9230	.9222	7.6492	7.3759

#1	4.4160	2.7525	-.00133	.00161	-.00650	.0377	.13950	3.2247
#2	4.4638	2.9988	-.00142	.00372	-.00727	.0382	.15546	2.9050

Sample Name: J5958-01DUP Acquired: 11/15/2018 16:19:15 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .70057
 Stddev .31020
 %RSD 44.278

#1 .48123
 #2 .91992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.6	49035.	4670.5	108.97	3868.5
Stddev	7.0	298.	280.3	7.31	9.7
%RSD	.20092	.60815	6.0006	6.7087	.25102

#1	3502.5	48824.	4868.6	114.14	3875.4
#2	3492.6	49246.	4472.3	103.80	3861.6

Sample Name: J5958-01LX5 Acquired: 11/15/2018 16:23:17 Type: Unk
Method: P4-ICP2(v2585) 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	.00140	-.00185	-.00122	-.00073	.00160	-.01462	.00444	.00002
Stddev	.00162	.00045	.00027	.00075	.00031	.01012	.00006	.00003
%RSD	115.72	24.196	22.360	102.50	19.170	69.213	1.2449	160.95

#1	.00254	-.00153	-.00103	-.00126	.00182	-.02178	.00448	.00004
#2	.00025	-.00216	-.00141	-.00020	.00139	-.00746	.00440	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	5.8619	-.00064	.00025	-.00042	.02051	.00023	1.2447
Stddev	.00008	.1192	.00011	.00010	.00029	.00058	.00000	.0411
%RSD	97.570	2.0331	17.828	38.709	68.661	2.8162	1.5597	3.3047

#1	-.00015	5.7776	-.00056	.00018	-.00021	.02010	.00024	1.2156
#2	-.00003	5.9461	-.00072	.00031	-.00062	.02092	.00023	1.2738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00013	5.4657	-.00064	-.00037	.31955	.00022	.00392
Stddev	.00044	.00043	.0869	.00010	.00005	.02933	.00005	.00306
%RSD	119.96	325.25	1.5905	15.533	13.012	9.1775	21.712	77.952

#1	.00006	-.00044	5.4042	-.00071	-.00041	.29881	.00019	.00176
#2	.00068	.00017	5.5272	-.00057	-.00034	.34029	.00026	.00608

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85390	.56401	.00061	.00335	-.00223	.0073	.02878	2.9098
Stddev	.03255	.00906	.00005	.00180	.00092	.0012	.00075	.0711
%RSD	3.8121	1.6059	7.4382	53.698	41.113	16.56	2.5996	2.4430

#1	.87692	.55761	.00065	.00208	-.00288	.0064	.02825	2.9601
#2	.83089	.57042	.00058	.00463	-.00158	.0081	.02931	2.8596

Sample Name: J5958-01LX5 Acquired: 11/15/2018 16:23:17 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .78833
Stddev .61804
%RSD 78.398

#1 .35132
#2 1.2254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.2	49661.	4874.1	114.11	3981.3
Stddev	90.2	69.	88.3	.69	105.8
%RSD	2.5254	.13870	1.8118	.60745	2.6586

#1	3506.5	49710.	4936.5	114.60	3906.4
#2	3634.0	49612.	4811.6	113.62	4056.1

Sample Name: J5958-01MS Acquired: 11/15/2018 16:27:22 Type: Unk
Method: P4-ICP2(v2585) 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	.78366	1.8954	.91250	2.0638	.81278	1.9509	.21409	.19927	.18213
Stddev	.00390	.0014	.00117	.0116	.00204	.0778	.00307	.00926	.00012
%RSD	.49737	.07536	.12852	.55982	.25101	3.9863	1.4332	4.6486	.06646
#1	.78641	1.8944	.91167	2.0720	.81422	2.0059	.21626	.20582	.18222
#2	.78090	1.8964	.91333	2.0556	.81133	1.8959	.21192	.19272	.18204
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.116	.38248	.18378	.30513	2.8307	.19930	8.2947	.46410	.06716
Stddev	.392	.01668	.00075	.00024	.0464	.00948	.1358	.00216	.00364
%RSD	1.3458	4.3615	.40841	.07842	1.6390	4.7564	1.6369	.46522	5.4270
#1	29.393	.39427	.18325	.30530	2.8635	.20600	8.3907	.46257	.06973
#2	28.839	.37068	.18431	.30496	2.7979	.19260	8.1986	.46563	.06458
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.939	.29240	.19835	11.636	.40684	.31062	4.3901	3.6640	.65657
Stddev	.398	.01552	.00320	.180	.00248	.02095	.0155	.0935	.00192
%RSD	1.3284	5.3074	1.6142	1.5509	.61018	6.7439	.35196	2.5526	.29273
#1	30.220	.30337	.20062	11.764	.40860	.32543	4.3792	3.7301	.65521
#2	29.658	.28142	.19609	11.509	.40509	.29581	4.4011	3.5979	.65793
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19566	.18160	5.599	.33564	3.3589	1.1417			
Stddev	.00344	.00264	.009	.00505	.5874	.0345			
%RSD	1.7573	1.4510	.1644	1.5036	17.487	3.0206			
#1	.19809	.18346	5.593	.33921	3.7742	1.1173			
#2	.19323	.17974	5.606	.33208	2.9436	1.1661			

Sample Name: J5958-01MS Acquired: 11/15/2018 16:27:22 Type: Unk
Method: P4-ICP2(v2585) 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	3494.9	48247.	4869.6	112.44	3830.6
Stddev	15.4	1789.	51.2	1.64	8.4
%RSD	.44103	3.7081	1.0507	1.4613	.21802
#1	3484.0	46982.	4833.5	111.28	3836.5
#2	3505.8	49512.	4905.8	113.61	3824.7

Sample Name: J5958-01MSD Acquired: 11/15/2018 16:31:11 Type: Unk
Method: P4-ICP2(v2585) 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	.78512	1.8930	.90877	2.0625	.80780	1.9474	.21681	.19877	.18194
Stddev	.00344	.0003	.00089	.0053	.00211	.0121	.00036	.00304	.00031
%RSD	.43761	.01684	.09841	.25520	.26075	.62082	.16821	1.5286	.17171
#1	.78755	1.8932	.90940	2.0588	.80631	1.9389	.21706	.19662	.18172
#2	.78269	1.8928	.90814	2.0662	.80929	1.9560	.21655	.20092	.18216
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.479	.38217	.18375	.30483	2.8733	.19856	8.3448	.46376	.06630
Stddev	.095	.00313	.00035	.00185	.0100	.00272	.0457	.00102	.00053
%RSD	.32204	.81923	.18910	.60606	.34957	1.3679	.54800	.22016	.79615
#1	29.546	.37995	.18399	.30352	2.8804	.19664	8.3772	.46304	.06593
#2	29.412	.38438	.18350	.30613	2.8662	.20048	8.3125	.46449	.06667
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	30.175	.29197	.19988	11.789	.40539	.32310	4.3690	3.6609	.65265
Stddev	.260	.00477	.00225	.066	.00007	.00032	.0056	.0049	.00161
%RSD	.86229	1.6333	1.1274	.55844	.01841	.09764	.12774	.13426	.24685
#1	30.359	.28859	.20147	11.836	.40534	.32287	4.3650	3.6644	.65151
#2	29.991	.29534	.19828	11.743	.40544	.32332	4.3729	3.6574	.65379
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19826	.18629	5.601	.33818	3.3831	.52949			
Stddev	.00043	.00065	.009	.00365	.2277	.21718			
%RSD	.21679	.35145	.1620	1.0797	6.7303	41.018			
#1	.19796	.18583	5.595	.34076	3.2221	.37592			
#2	.19856	.18676	5.607	.33560	3.5441	.68306			

Sample Name: J5958-01MSD Acquired: 11/15/2018 16:31:11 Type: Unk
 Method: P4-ICP2(v2585) 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	3496.6	48497.	4840.4	111.29	3823.3
Stddev	3.4	439.	27.8	1.16	.3
%RSD	.09812	.90520	.57532	1.0449	.00847
#1	3494.2	48808.	4820.7	110.46	3823.0
#2	3499.0	48187.	4860.1	112.11	3823.5

Sample Name: J5958-01A Acquired: 11/15/2018 16:35:01 Type: Unk
Method: P4-ICP2(v2585) 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	.79548	1.9189	.92326	2.0826	.82028	1.9531	.21808	.19891	.18462
Stddev	.01546	.0533	.02843	.0455	.01217	.0021	.00193	.00025	.00497
%RSD	1.9434	2.7782	3.0798	2.1850	1.4835	.10580	.88611	.12731	2.6905

#1	.80641	1.9566	.94336	2.1147	.82888	1.9516	.21945	.19909	.18814
#2	.78455	1.8812	.90315	2.0504	.81168	1.9546	.21671	.19873	.18111

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.655	.38174	.18608	.31007	2.8504	.19832	8.3577	.47176	.06726
Stddev	.009	.00096	.00539	.00603	.0530	.00035	.1159	.01493	.00047
%RSD	.02987	.25195	2.8942	1.9452	1.8589	.17568	1.3873	3.1645	.70312

#1	29.648	.38106	.18989	.31433	2.8129	.19807	8.4397	.48231	.06693
#2	29.661	.38242	.18227	.30580	2.8879	.19856	8.2757	.46120	.06759

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	30.478	.29143	.19701	11.884	.41239	.31561	4.4490	3.7036	.65854
Stddev	.398	.00111	.00166	.080	.00833	.01365	.1480	.0451	.01754
%RSD	1.3061	.38244	.84377	.67121	2.0199	4.3235	3.3262	1.2166	2.6640

#1	30.760	.29222	.19584	11.941	.41828	.32525	4.5537	3.7354	.67094
#2	30.197	.29065	.19819	11.828	.40650	.30596	4.3444	3.6717	.64613

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20035	.18775	5.669	.34222	3.3394	.48495
Stddev	.00126	.00181	.163	.00238	.1349	.45378
%RSD	.63083	.96509	2.868	.69591	4.0392	93.572

#1	.20125	.18903	5.784	.34391	3.4348	.80582
#2	.19946	.18647	5.554	.34054	3.2440	.16408

Sample Name: J5958-01A Acquired: 11/15/2018 16:35:01 Type: Unk
Method: P4-ICP2(v2585) 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	3442.4	48491.	4779.5	112.82	3773.2
Stddev	53.3	65.	54.0	1.47	82.9
%RSD	1.5496	.13442	1.1300	1.3022	2.1961
#1	3404.6	48445.	4741.3	113.86	3714.6
#2	3480.1	48537.	4817.7	111.78	3831.8

Sample Name: J5767-09 Acquired: 11/15/2018 16:38:50 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01634	-.01205	.80003	.06758	.01059	155.25	.70117
Stddev	.00551	.00023	.00584	.00205	.00183	.76	.01519
%RSD	33.720	1.9023	.72946	3.0371	17.317	.49051	2.1660

#1	.01244	-.01189	.80416	.06904	.01189	154.71	.69043
#2	.02023	-.01221	.79590	.06613	.00930	155.79	.71191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	-.00500	95.629	.19239	.18168	.49936	350.43
Stddev	.00002	.00167	2.387	.00096	.00099	.00861	14.38
%RSD	.34935	33.366	2.4962	.49862	.54341	1.7250	4.1024

#1	.00538	-.00382	93.941	.19307	.18237	.50545	340.26
#2	.00535	-.00618	97.317	.19171	.18098	.49327	360.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3895	87.672	.25750	-.00406	8.3270	.41810	1.1429
Stddev	.0053	1.978	.00149	.00135	.1785	.00011	.0405
%RSD	.15563	2.2555	.57703	33.389	2.1439	.02673	3.5449

#1	3.3932	86.274	.25645	-.00502	8.2008	.41818	1.1143
#2	3.3858	89.071	.25855	-.00310	8.4533	.41802	1.1716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.358	.00346	.41676	F 13.851	4.6880	.02981	3.5417
Stddev	.352	.00030	.01829	.025	.0839	.00040	.0799
%RSD	2.2949	8.6695	4.3878	.18198	1.7898	1.3334	2.2546

#1	15.109	.00325	.40383	13.833	4.6287	.03009	3.4853
#2	15.607	.00368	.42969	13.869	4.7473	.02953	3.5982

Sample Name: J5767-09 Acquired: 11/15/2018 16:38:50 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13744	F 11.91	.01266	.88158	F<.00000
Stddev	.00274	.07	.00680	.05288	.40882
%RSD	1.9954	.5942	53.710	5.9983	.50365

#1	.13550	11.96	.01746	.84419	-80.882
#2	.13938	11.86	.00785	.91897	-81.461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.5	54679.	5773.6	102.58	3331.9
Stddev	8.9	157.	91.6	3.45	25.8
%RSD	.22767	.28793	1.5864	3.3595	.77551

#1	3904.2	54568.	5838.4	105.02	3313.6
#2	3916.8	54791.	5708.9	100.15	3350.1

Sample Name: J5767-11 Acquired: 11/15/2018 16:42:48 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01873	-.00885	.46070	.04437	.00631	126.95	.60885
Stddev	.00059	.00138	.00127	.00032	.00008	.79	.00008
%RSD	3.1709	15.543	.27459	.71275	1.2452	.62128	.01268

#1	.01915	-.00788	.46159	.04414	.00625	127.51	.60890
#2	.01831	-.00983	.45980	.04459	.00636	126.40	.60879

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	-.00451	66.288	.16696	.12172	.33984	247.87
Stddev	.00001	.00045	.023	.00154	.00043	.00157	2.70
%RSD	.28950	10.081	.03517	.92279	.34971	.46170	1.0909

#1	.00465	-.00419	66.305	.16805	.12203	.34095	245.96
#2	.00467	-.00483	66.272	.16587	.12142	.33873	249.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1909	50.133	.18909	-.00468	5.3311	.35843	.62797
Stddev	.0072	.127	.00077	.00078	.0211	.00429	.00763
%RSD	.22426	.25426	.40755	16.721	.39609	1.1960	1.2149

#1	3.1959	50.223	.18854	-.00523	5.3161	.36146	.62257
#2	3.1858	50.043	.18963	-.00412	5.3460	.35540	.63336

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.845	.00366	.23674	7.6923	4.6762	.01929	2.9837
Stddev	.015	.00059	.01277	.0091	.0346	.00014	.0124
%RSD	.09950	16.166	5.3957	.11806	.73982	.74326	.41535

#1	14.835	.00408	.22771	7.6987	4.7007	.01919	2.9925
#2	14.856	.00324	.24577	7.6858	4.6518	.01939	2.9750

Sample Name: J5767-11 Acquired: 11/15/2018 16:42:48 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13109	9.635	-.08476	1.3256	F<.00000
Stddev	.00065	.067	.00402	.0864	.82623
%RSD	.49250	.6901	4.7391	6.5194	1.8140

#1	.13155	9.682	-.08192	1.2645	-46.133
#2	.13064	9.588	-.08760	1.3867	-44.964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.4	53878.	5661.9	106.82	3467.3
Stddev	9.5	155.	23.1	1.17	12.6
%RSD	.24679	.28728	.40775	1.0958	.36310

#1	3849.7	53768.	5678.3	107.65	3458.4
#2	3863.2	53987.	5645.6	106.00	3476.2

Sample Name: J5767-13 Acquired: 11/15/2018 16:46:46 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04514	-.00969	1.7206	.05493	.01010	123.57	1.8276
Stddev	.00085	.00115	.0048	.00262	.00087	.54	.0041
%RSD	1.8917	11.884	.28127	4.7720	8.6067	.43696	.22492

#1	.04575	-.01051	1.7240	.05679	.01071	123.95	1.8305
#2	.04454	-.00888	1.7172	.05308	.00948	123.19	1.8247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	-.00559	90.615	.15491	.10529	.16427	306.29
Stddev	.00002	.00023	.257	.00103	.00069	.00083	2.66
%RSD	.34045	4.1861	.28383	.66632	.65215	.50355	.86742

#1	.00603	-.00576	90.433	.15418	.10577	.16368	308.17
#2	.00600	-.00543	90.797	.15564	.10480	.16485	304.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1259	50.213	.19375	-.00458	4.9051	.34112	1.2120
Stddev	.0135	.019	.00065	.00073	.0429	.00031	.0106
%RSD	.32607	.03863	.33404	15.993	.87544	.08963	.87566

#1	4.1354	50.227	.19329	-.00406	4.9355	.34090	1.2195
#2	4.1164	50.199	.19421	-.00510	4.8748	.34133	1.2045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.464	.00544	.29581	6.2349	6.2866	.25020	2.1144
Stddev	.001	.00002	.00209	.0073	.0156	.00168	.0075
%RSD	.01233	.36373	.70541	.11698	.24879	.67085	.35458

#1	10.463	.00546	.29434	6.2401	6.2755	.25138	2.1197
#2	10.465	.00543	.29729	6.2298	6.2976	.24901	2.1091

Sample Name: J5767-13 Acquired: 11/15/2018 16:46:46 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12992	9.877	.00369	.91291	F<.00000
Stddev	.00013	.010	.00296	.21743	.67682
%RSD	.09721	.0984	80.366	23.817	1.0523

#1	.13001	9.870	.00159	1.0667	-63.840
#2	.12983	9.884	.00578	.75916	-64.798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3879.0	54296.	5689.2	104.36	3442.9
Stddev	10.5	359.	8.6	.93	5.8
%RSD	.26979	.66114	.15191	.89504	.16723

#1	3871.6	54042.	5683.0	103.70	3447.0
#2	3886.4	54550.	5695.3	105.02	3438.8

Sample Name: J5767-15 Acquired: 11/15/2018 16:50:43 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04294	-.00960	.67758	.04738	.00567	152.82	.78181
Stddev	.00199	.00157	.00017	.00076	.00047	.68	.00129
%RSD	4.6245	16.391	.02443	1.5976	8.2830	.44738	.16457

#1	.04153	-.00849	.67770	.04792	.00533	153.30	.78090
#2	.04434	-.01071	.67746	.04684	.00600	152.34	.78272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00736	-.00369	157.80	.17677	.11070	.12341	259.63
Stddev	.00023	.00011	.60	.00026	.00021	.00042	.19
%RSD	3.1753	2.8647	.38108	.14725	.18999	.34070	.07297

#1	.00752	-.00377	157.38	.17659	.11055	.12311	259.76
#2	.00719	-.00362	158.23	.17695	.11085	.12371	259.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9041	49.456	.19794	-.00425	5.4755	.32262	.74593
Stddev	.0493	.220	.00015	.00049	.0234	.00003	.00003
%RSD	.83535	.44416	.07380	11.527	.42803	.00926	.00397

#1	5.8692	49.300	.19804	-.00460	5.4920	.32260	.74591
#2	5.9390	49.611	.19784	-.00391	5.4589	.32265	.74595

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.340	.00161	.24197	4.1252	8.6847	.02064	1.9817
Stddev	.026	.00008	.00567	.0126	.1660	.00155	.0006
%RSD	.24878	5.1946	2.3414	.30446	1.9114	7.5148	.03090

#1	10.358	.00167	.24597	4.1163	8.5673	.01954	1.9813
#2	10.322	.00155	.23796	4.1341	8.8020	.02174	1.9821

Sample Name: J5767-15 Acquired: 11/15/2018 16:50:43 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15644	9.937	.39655	.70614	F<.00000
Stddev	.00145	.040	.00107	.11771	.12509
%RSD	.92777	.4040	.27097	16.670	.24570

#1	.15747	9.908	.39579	.62291	-51.001
#2	.15542	9.965	.39731	.78938	-50.824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.1	55285.	5854.2	106.45	3371.8
Stddev	.0	37.	36.7	.11	3.6
%RSD	.00122	.06612	.62745	.10185	.10737

#1	3980.0	55311.	5880.2	106.53	3369.2
#2	3980.1	55259.	5828.3	106.37	3374.3

Sample Name: CCV06 Acquired: 11/15/2018 16:54:46 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0842	5.0847	4.9546	5.1198	5.1055	10.341	10.055	.24820
Stddev	.0408	.0056	.0111	.0206	.0234	.134	.324	.00151
%RSD	.80287	.11106	.22480	.40192	.45787	1.2964	3.2218	.60682
#1	5.1131	5.0887	4.9625	5.1344	5.1220	10.436	10.284	.24926
#2	5.0554	5.0807	4.9467	5.1053	5.0890	10.246	9.8257	.24713
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4760	26.229	.97858	2.4699	1.2827	5.0377	2.4959	24.282
Stddev	.0043	.662	.00549	.0045	.0026	.1479	.0258	.636
%RSD	.17215	2.5251	.56098	.18280	.20309	2.9360	1.0322	2.6181
#1	2.4790	26.697	.98246	2.4731	1.2846	5.1422	2.5141	24.732
#2	2.4730	25.761	.97469	2.4667	1.2809	4.9331	2.4777	23.833
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4978	1.2208	24.422	2.4932	2.4670	24.738	5.0620	5.0042
Stddev	.0073	.0090	.771	.0214	.0628	.655	.0259	.1248
%RSD	.29190	.73583	3.1570	.85918	2.5460	2.6479	.51132	2.4939
#1	2.5029	1.2272	24.967	2.5083	2.5114	25.201	5.0803	5.0925
#2	2.4926	1.2145	23.877	2.4780	2.4226	24.274	5.0437	4.9160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9928	5.0889	4.9335	4.9216	5.0015	5.076	5.2495	F 3.9078
Stddev	.0087	.1296	.0065	.1486	.1459	.003	.1542	.2602
%RSD	.17389	2.5458	.13193	3.0188	2.9171	.0559	2.9366	6.6596
#1	4.9989	5.1805	4.9381	5.0267	5.1046	5.078	5.3585	4.0918
#2	4.9866	4.9973	4.9289	4.8166	4.8983	5.074	5.1405	3.7238

Sample Name: CCV06 Acquired: 11/15/2018 16:54:46 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8190
Stddev .1850
%RSD 6.5645

#1 2.9498
#2 2.6881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.4	47671.	4910.9	107.88	3533.8
Stddev	19.6	528.	110.5	2.77	11.2
%RSD	.57054	1.1067	2.2503	2.5630	.31558

#1	3419.6	47298.	4832.8	105.93	3525.9
#2	3447.3	48045.	4989.1	109.84	3541.7

Sample Name: CCB06 Acquired: 11/15/2018 16:58:30 Type: Unk
Method: P4-ICP2(v2585) 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	.00065	.00058	-.00093	-.00178	.00299	-.01399	.00178
Stddev	.00103	.00008	.00008	.00275	.00096	.00059	.00026
%RSD	159.45	14.168	8.2402	154.33	32.017	4.2457	14.731

#1	-.00008	.00064	-.00099	.00016	.00231	-.01441	.00197
#2	.00137	.00052	-.00088	-.00373	.00366	-.01357	.00160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00004	-.02579	-.00057	.00022	-.00043	.00414
Stddev	.00003	.00002	.01455	.00029	.00007	.00011	.00717
%RSD	487.52	57.539	56.440	50.294	33.226	25.087	173.38

#1	.00002	-.00006	-.03608	-.00037	.00027	-.00035	-.00093
#2	-.00001	-.00002	-.01550	-.00078	.00017	-.00051	.00921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.02476	.00041	-.00023	-.18703	-.00047	-.00073
Stddev	.00003	.01286	.00066	.00025	.00954	.00013	.00008
%RSD	14.690	51.936	160.41	108.25	5.1005	27.660	11.532

#1	-.00019	-.01567	.00088	-.00041	-.19377	-.00038	-.00067
#2	-.00024	-.03386	-.00006	-.00005	-.18028	-.00056	-.00079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08019	.00024	.00377	-.00414	.00707	.00088	.00291
Stddev	.01089	.00002	.01154	.00204	.00011	.00024	.00057
%RSD	13.574	10.031	305.90	49.374	1.4982	27.295	19.709

#1	-.08789	.00023	.01193	-.00269	.00699	.00105	.00331
#2	-.07249	.00026	-.00439	-.00558	.00714	.00071	.00250

Sample Name: CCB06 Acquired: 11/15/2018 16:58:30 Type: Unk
 Method: P4-ICP2(v2585) 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	-.00244	-.0000	.00003	F 3.0060	F<.00000
Stddev	.00027	.0001	.00004	.0291	.13030
%RSD	11.131	3019.	114.73	.96807	139.68

#1	-.00225	.0001	.00006	2.9855	-.18542
#2	-.00264	-.0001	.00001	3.0266	-.00115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.4	50106.	4849.3	112.47	4043.9
Stddev	18.9	164.	96.2	2.40	13.5
%RSD	.52467	.32644	1.9830	2.1323	.33317

#1	3618.8	50221.	4781.3	110.78	4053.5
#2	3592.0	49990.	4917.3	114.17	4034.4

Sample Name: J5930-01 Acquired: 11/15/2018 17:02:35 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 32727-45914- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06101	-.00249	1.3746	.02762	.28103	56.439	3.9862
Stddev	.00247	.00013	.0020	.00264	.00213	.020	.0474
%RSD	4.0464	5.2552	.14496	9.5758	.75757	.03621	1.1903

#1	.05926	-.00240	1.3732	.02575	.27953	56.424	4.0197
#2	.06275	-.00258	1.3760	.02949	.28254	56.453	3.9526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	-.00057	50.639	1.2117	.02966	3.2758	109.96
Stddev	.00003	.00037	.729	.0031	.00013	.0043	2.60
%RSD	1.2376	65.851	1.4398	.25813	.44242	.13235	2.3632

#1	.00236	-.00083	51.154	1.2095	.02975	3.2727	111.80
#2	.00232	-.00030	50.123	1.2140	.02957	3.2789	108.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71331	11.987	.11548	-.00334	4.9369	.15156	1.8917
Stddev	.00150	.057	.00004	.00011	.0257	.00024	.0513
%RSD	.21054	.47240	.03485	3.3825	.52057	.16114	2.7124

#1	.71437	12.027	.11551	-.00326	4.9551	.15139	1.9280
#2	.71225	11.947	.11545	-.00342	4.9187	.15173	1.8554

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8719	.00880	.09598	F 14.597	5.0028	.02871	.78581
Stddev	.0113	.00009	.00420	.029	.0946	.00027	.00560
%RSD	.39439	1.0478	4.3746	.19980	1.8914	.93974	.71269

#1	2.8799	.00873	.09895	14.577	5.0697	.02890	.78185
#2	2.8639	.00886	.09301	14.618	4.9359	.02852	.78977

Sample Name: J5930-01 Acquired: 11/15/2018 17:02:35 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 32727-45914- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04498	4.344	.24555	3.0510	F<.00000
Stddev	.00099	.018	.00163	.2278	.44597
%RSD	2.1969	.4162	.66371	7.4652	12.785

#1	.04567	4.357	.24670	3.2121	-3.1728
#2	.04428	4.332	.24440	2.8900	-3.8035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.9	50392.	5163.6	110.09	3705.3
Stddev	3.0	155.	76.1	3.28	7.3
%RSD	.08201	.30662	1.4740	2.9804	.19764

#1	3611.8	50282.	5109.8	107.77	3710.5
#2	3616.0	50501.	5217.4	112.41	3700.1

Sample Name: J5932-01 Acquired: 11/15/2018 17:06:29 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CG-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01810	-.01342	.05010	.05527	.00649	113.21	.57426
Stddev	.00119	.00154	.00251	.00109	.00184	.06	.00533
%RSD	6.5563	11.475	5.0024	1.9675	28.286	.05128	.92825

#1	.01726	-.01233	.05187	.05450	.00779	113.17	.57049
#2	.01893	-.01451	.04833	.05604	.00519	113.25	.57803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	-.00614	60.837	.22764	.17273	.40814	304.52
Stddev	.00003	.00090	.331	.00045	.00032	.00435	7.65
%RSD	.45019	14.728	.54485	.19610	.18702	1.0661	2.5107

#1	.00596	-.00550	60.603	.22796	.17250	.41122	299.11
#2	.00600	-.00678	61.071	.22733	.17296	.40507	309.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3256	55.960	.30786	-.00230	1.6657	.36113	.73489
Stddev	.0093	.354	.00149	.00148	.0177	.00166	.02020
%RSD	.17506	.63320	.48294	64.387	1.0641	.46056	2.7488

#1	5.3190	55.710	.30681	-.00335	1.6532	.36230	.72060
#2	5.3321	56.211	.30891	-.00125	1.6783	.35995	.74917

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.635	.00119	.28777	8.6827	5.6608	.01001	5.6348
Stddev	.073	.00032	.00377	.0388	.0256	.00071	.0268
%RSD	.62923	27.093	1.3092	.44638	.45284	7.0585	.47515

#1	11.583	.00142	.28510	8.6553	5.6426	.01051	5.6159
#2	11.687	.00096	.29043	8.7101	5.6789	.00951	5.6538

Sample Name: J5932-01 Acquired: 11/15/2018 17:06:29 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CG-SOIL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15467	8.832	-.16217	.12146	F<.00000
Stddev	.00195	.005	.00808	.02060	1.4795
%RSD	1.2576	.0531	4.9809	16.960	2.2399

#1	.15330	8.828	-.15646	.10689	-67.097
#2	.15605	8.835	-.16789	.13602	-65.005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.2	56186.	5769.6	103.57	3434.3
Stddev	11.0	26.	35.0	2.49	6.5
%RSD	.27298	.04572	.60706	2.4044	.18830

#1	4008.4	56168.	5794.3	105.33	3429.7
#2	4023.9	56204.	5744.8	101.81	3438.9

Sample Name: J5933-01 Acquired: 11/15/2018 17:10:32 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02466	-.01441	.05371	.03183	.00668	189.97	.81143
Stddev	.00014	.00274	.00123	.00074	.00252	1.17	.00062
%RSD	.56496	19.041	2.2909	2.3284	37.768	.61531	.07692

#1	.02476	-.01635	.05284	.03236	.00490	189.15	.81187
#2	.02456	-.01247	.05458	.03131	.00847	190.80	.81098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	-.00187	1060.2	.15640	.08149	.04178	211.98
Stddev	.00001	.00021	1.1	.00008	.00015	.00250	.45
%RSD	.16623	11.216	.10289	.05119	.18957	5.9726	.21137

#1	.00765	-.00202	1059.5	.15634	.08160	.04355	211.66
#2	.00767	-.00172	1061.0	.15645	.08138	.04002	212.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2980	67.397	.15488	-.00540	3.1644	.21944	.47846
Stddev	.0044	.152	.00013	.00061	.0086	.00080	.00103
%RSD	.10309	.22607	.08167	11.371	.27288	.36531	.21585

#1	4.2949	67.505	.15497	-.00583	3.1583	.22001	.47919
#2	4.3012	67.289	.15479	-.00496	3.1705	.21888	.47773

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6906	.00193	.35406	F 17.214	1.2170	.00763	3.1236
Stddev	.0209	.00030	.00559	.017	.0024	.00159	.0137
%RSD	.24051	15.685	1.5785	.10059	.19775	20.829	.43800

#1	8.6759	.00215	.35010	17.202	1.2153	.00650	3.1139
#2	8.7054	.00172	.35801	17.227	1.2187	.00875	3.1333

Sample Name: J5933-01 Acquired: 11/15/2018 17:10:32 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WS-CONCRETE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21101	5.935	5.1725	2.8994	F<.00000
Stddev	.00152	.012	.0012	.2149	.16252
%RSD	.72085	.2031	.02269	7.4107	1.3779

#1	.20994	5.927	5.1716	2.7475	-11.680
#2	.21209	5.944	5.1733	3.0513	-11.910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.2	48454.	5397.4	99.721	2962.4
Stddev	4.9	198.	2.9	.037	4.5
%RSD	.14098	.40959	.05328	.03712	.15266

#1	3488.7	48594.	5395.3	99.747	2965.6
#2	3495.6	48314.	5399.4	99.694	2959.2

Sample Name: J5940-02 Acquired: 11/15/2018 17:14:30 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-25(0-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06722	-.01124	.60215	.04352	.00383	107.71	.78315
Stddev	.00138	.00131	.00127	.00122	.00004	.64	.00528
%RSD	2.0509	11.622	.21092	2.8051	1.1587	.59861	.67472

#1	.06819	-.01216	.60305	.04438	.00386	108.17	.78689
#2	.06624	-.01031	.60125	.04265	.00380	107.25	.77942

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	-.00162	290.40	.20350	.09625	.23276	220.19
Stddev	.00005	.00009	1.03	.00131	.00042	.00048	2.37
%RSD	.78550	5.5348	.35544	.64185	.44083	.20617	1.0769

#1	.00640	-.00169	291.13	.20258	.09655	.23242	221.87
#2	.00632	-.00156	289.67	.20442	.09595	.23310	218.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8693	159.10	.28133	-.00448	2.3984	.31514	.93474
Stddev	.0205	1.16	.00085	.00043	.0237	.00219	.00366
%RSD	.53039	.73168	.30299	9.6014	.98690	.69456	.39147

#1	3.8838	159.93	.28073	-.00418	2.4151	.31360	.93733
#2	3.8548	158.28	.28193	-.00479	2.3817	.31669	.93215

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.819	.00931	.21681	7.1204	5.1827	.03511	2.9457
Stddev	.051	.00063	.00089	.0299	.0203	.00272	.0274
%RSD	.39431	6.7694	.41202	.41966	.39149	7.7439	.93086

#1	12.855	.00976	.21618	7.1415	5.1970	.03318	2.9651
#2	12.783	.00887	.21744	7.0992	5.1684	.03703	2.9263

Sample Name: J5940-02 Acquired: 11/15/2018 17:14:30 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-25(0-10) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13544	7.376	.14026	2.0275	F<.00000
Stddev	.00095	.043	.00080	.1380	.29085
%RSD	.70095	.5780	.57102	6.8084	1.0470

#1	.13611	7.406	.13970	2.1251	-27.985
#2	.13477	7.346	.14083	1.9299	-27.574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.9	51789.	5484.8	103.66	3217.7
Stddev	16.5	113.	3.3	.59	15.6
%RSD	.45048	.21773	.06059	.57105	.48432

#1	3654.3	51709.	5482.5	103.24	3206.6
#2	3677.6	51869.	5487.2	104.08	3228.7

Sample Name: J5942-01 Acquired: 11/15/2018 17:18:20 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-D1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05423	-.00982	1.8587	.07305	.00728	89.086	.79602
Stddev	.00166	.00079	.0006	.00513	.00095	.593	.00572
%RSD	3.0635	8.0679	.03427	7.0225	13.085	.66563	.71869

#1	.05540	-.00926	1.8592	.06942	.00660	89.505	.80007
#2	.05305	-.01037	1.8583	.07668	.00795	88.667	.79198

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	-.00455	71.007	.11726	.12005	.15227	305.17
Stddev	.00001	.00116	.626	.00008	.00038	.00719	9.84
%RSD	.20868	25.519	.88106	.07058	.31890	4.7188	3.2233

#1	.00584	-.00373	71.450	.11720	.12033	.15735	298.21
#2	.00582	-.00537	70.565	.11732	.11978	.14719	312.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2312	46.818	.19285	.00330	1.0282	.20835	1.3440
Stddev	.0022	.015	.00041	.00150	.0174	.00132	.0467
%RSD	.06836	.03248	.21374	45.371	1.6908	.63512	3.4777

#1	3.2296	46.807	.19314	.00224	1.0405	.20741	1.3110
#2	3.2328	46.828	.19256	.00436	1.0159	.20928	1.3771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.944	.00500	.31835	7.7985	4.0834	.06216	2.4027
Stddev	.130	.00004	.02128	.0092	.0183	.00050	.0010
%RSD	.76502	.81002	6.6845	.11759	.44778	.79965	.04205

#1	17.036	.00497	.30330	7.7920	4.0963	.06252	2.4034
#2	16.853	.00503	.33340	7.8050	4.0704	.06181	2.4020

Sample Name: J5942-01 Acquired: 11/15/2018 17:18:20 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-D1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15790	F 21.47	-.16309	<.00000	F<.00000
Stddev	.00113	.04	.01241	.22168	.30917
%RSD	.71433	.1639	7.6069	5.9982	.47027

#1	.15710	21.44	-.15432	-3.5391	-65.524
#2	.15870	21.49	-.17186	-3.8526	-65.962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5073.2	71064.	7394.8	105.72	3399.2
Stddev	3.5	122.	8.1	3.55	2.7
%RSD	.06823	.17165	.10955	3.3546	.08028

#1	5075.6	70977.	7389.1	108.22	3397.3
#2	5070.7	71150.	7400.6	103.21	3401.2

Sample Name: J5942-05 Acquired: 11/15/2018 17:22:17 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01937	-.01481	.03958	.06910	-.00007	38.365	.24239
Stddev	.00107	.00017	.00251	.00022	.00019	.055	.00019
%RSD	5.5175	1.1340	6.3506	.31840	286.70	.14438	.07836

#1	.02013	-.01469	.03780	.06894	-.00020	38.405	.24253
#2	.01861	-.01492	.04136	.06926	.00007	38.326	.24226

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	-.00682	53.072	.03994	.10344	-.09198	305.16
Stddev	.00008	.00010	.027	.00024	.00013	.00099	1.74
%RSD	1.8729	1.4795	.05108	.60073	.12930	1.0780	.56908

#1	.00416	-.00675	53.053	.04011	.10353	-.09268	306.39
#2	.00427	-.00690	53.091	.03977	.10335	-.09128	303.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4427	20.939	.09487	-.00529	.94769	.09660	.35075
Stddev	.0034	.086	.00003	.00039	.00711	.00026	.00324
%RSD	.23519	.41134	.03658	7.3640	.75059	.26663	.92465

#1	1.4451	21.000	.09489	-.00502	.95272	.09642	.35305
#2	1.4403	20.878	.09484	-.00557	.94266	.09678	.34846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.408	.00227	.36262	1.0594	2.6292	.01942	2.2943
Stddev	.003	.00003	.00095	.0032	.0237	.00135	.0073
%RSD	.02127	1.2279	.26334	.30486	.90205	6.9498	.31828

#1	13.406	.00225	.36195	1.0571	2.6124	.02038	2.2994
#2	13.410	.00229	.36330	1.0617	2.6460	.01847	2.2891

Sample Name: J5942-05 Acquired: 11/15/2018 17:22:17 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-F1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04854	F 41.48	-.28808	^ *****	F<.00000
Stddev	.00031	.15	.00172	-----	1.3890
%RSD	.64648	.3643	.59821	-----	1.7249

#1	.04876	41.58	-.28930	^ -----	-79.544
#2	.04832	41.37	-.28686	^ -----	-81.508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7755.6	109670.	11252.	108.82	3467.2
Stddev	21.1	291.	21.	.87	17.3
%RSD	.27242	.26528	.19067	.80226	.50015

#1	7740.7	109460.	11237.	108.20	3454.9
#2	7770.6	109880.	11267.	109.43	3479.5

Sample Name: J5942-09 Acquired: 11/15/2018 17:26:12 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02553	-.01485	-.01037	.07082	.00069	39.057	.27104
Stddev	.00105	.00168	.00097	.00043	.00040	.088	.00008
%RSD	4.1025	11.320	9.3716	.60273	57.382	.22650	.03037

#1	.02479	-.01604	-.00969	.07052	.00097	39.120	.27110
#2	.02627	-.01366	-.01106	.07112	.00041	38.994	.27098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	-.00669	76.155	.06480	.11325	-.10899	300.10
Stddev	.00003	.00068	.584	.00003	.00044	.00692	8.55
%RSD	.87480	10.198	.76678	.04045	.39154	6.3512	2.8496

#1	.00371	-.00621	75.742	.06482	.11294	-.10410	294.06
#2	.00376	-.00717	76.568	.06479	.11357	-.11389	306.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3205	29.759	.14236	.01255	1.3343	.11798	.30836
Stddev	.0019	.185	.00027	.00103	.0016	.00038	.01093
%RSD	.14404	.62121	.19041	8.2401	.12286	.32321	3.5457

#1	1.3219	29.629	.14216	.01182	1.3354	.11825	.30062
#2	1.3192	29.890	.14255	.01328	1.3331	.11771	.31609

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.766	.00265	.37030	1.1784	3.2982	.02174	2.5527
Stddev	.014	.00006	.00866	.0152	.0083	.00123	.0082
%RSD	.07717	2.1383	2.3391	1.2912	.25308	5.6601	.32065

#1	18.756	.00261	.36417	1.1676	3.2923	.02087	2.5469
#2	18.776	.00269	.37642	1.1891	3.3041	.02262	2.5585

Sample Name: J5942-09 Acquired: 11/15/2018 17:26:12 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-F2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06974	F 55.70	-.26095	^ *****	F<.00000
Stddev	.00118	.10	.00887	-----	.14090
%RSD	1.6865	.1864	3.3987	-----	.23156

#1	.06890	55.62	-.25468	^ -----	-60.748
#2	.07057	55.77	-.26722	^ -----	-60.947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7610.1	107290.	11039.	105.04	3366.0
Stddev	1.4	270.	66.	3.13	6.3
%RSD	.01822	.25172	.59909	2.9813	.18731

#1	7609.1	107100.	11086.	107.26	3370.5
#2	7611.0	107480.	10992.	102.83	3361.6

Sample Name: J5942-09DUP Acquired: 11/15/2018 17:30:06 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02479	-.01563	-.01229	.07071	-.00030	39.321	.27132
Stddev	.00002	.00124	.00126	.00237	.00079	.076	.00001
%RSD	.08828	7.9155	10.235	3.3546	267.73	.19236	.00343

#1	.02481	-.01651	-.01140	.06903	-.00086	39.268	.27131
#2	.02478	-.01476	-.01318	.07238	.00027	39.375	.27132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00380	-.00659	75.968	.06469	.11401	-.11132	302.38
Stddev	.00001	.00014	.798	.00082	.00089	.00103	.96
%RSD	.35829	2.1784	1.0507	1.2705	.78189	.92821	.31637

#1	.00379	-.00648	75.404	.06411	.11464	-.11059	301.71
#2	.00381	-.00669	76.533	.06527	.11338	-.11205	303.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3213	29.494	.14267	.01311	1.3391	.11821	.30698
Stddev	.0004	.155	.00046	.00027	.0005	.00103	.00085
%RSD	.02873	.52701	.32371	2.0675	.03970	.87301	.27662

#1	1.3210	29.384	.14299	.01330	1.3395	.11748	.30758
#2	1.3215	29.603	.14234	.01292	1.3387	.11894	.30638

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.672	.00238	.37239	1.1774	3.3027	.02098	2.5470
Stddev	.035	.00009	.00076	.0036	.0130	.00032	.0054
%RSD	.19005	3.6268	.20379	.30176	.39354	1.5065	.21250

#1	18.647	.00232	.37293	1.1800	3.3119	.02121	2.5432
#2	18.697	.00244	.37185	1.1749	3.2935	.02076	2.5509

Sample Name: J5942-09DUP Acquired: 11/15/2018 17:30:06 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06850	F 56.63	-.26369	^ *****	F<.00000
Stddev	.00116	.14	.00064	-----	1.9393
%RSD	1.6892	.2420	.24201	-----	3.0827
#1	.06768	56.73	-.26324	^ -----	-61.538
#2	.06931	56.53	-.26414	^ -----	-64.280
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7627.5	107300.	11167.	105.19	3342.3
Stddev	4.7	250.	37.	.21	4.6
%RSD	.06138	.23272	.32763	.19537	.13786
#1	7630.8	107120.	11193.	105.33	3345.6
#2	7624.2	107470.	11141.	105.04	3339.1

Sample Name: J5942-09LX5 Acquired: 11/15/2018 17:34:00 Type: Unk
Method: P4-ICP2(v2585) 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	.01462	.01409	.00545	.02458	.00108	14.074	.10266	.00284
Stddev	.00086	.00083	.00117	.00217	.00259	.108	.00027	.00006
%RSD	5.8486	5.9042	21.501	8.8175	240.21	.76933	.26538	2.2365

#1	.01402	.01468	.00462	.02305	.00291	13.998	.10285	.00279
#2	.01522	.01350	.00628	.02611	-.00075	14.151	.10247	.00288

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	29.104	.02874	.02394	.00269	61.746	.51492	11.266
Stddev	.00010	.002	.00048	.00018	.00026	1.251	.00472	.097
%RSD	79.523	.00782	1.6610	.73897	9.5447	2.0259	.91689	.86041

#1	-.00020	29.106	.02841	.02381	.00251	62.631	.51159	11.198
#2	-.00006	29.103	.02908	.02406	.00287	60.861	.51826	11.335

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03271	-.00204	.37260	.04640	.06410	6.7705	.00350	.06204
Stddev	.00033	.00014	.00607	.00085	.00138	.0551	.00014	.00314
%RSD	1.0025	6.9044	1.6279	1.8332	2.1607	.81327	4.0443	5.0639

#1	.03294	-.00214	.36831	.04580	.06507	6.7315	.00360	.05982
#2	.03247	-.00194	.37689	.04700	.06312	6.8094	.00340	.06426

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22253	1.3448	.01006	.95825	.02309	F 11.82	-.04045	<.00000
Stddev	.00139	.0172	.00092	.00592	.00154	.09	.00152	.10464
%RSD	.62542	1.2791	9.0984	.61739	6.6684	.7281	3.7515	12.899

#1	.22352	1.3570	.01071	.95407	.02200	11.88	-.04153	-.88521
#2	.22155	1.3326	.00941	.96243	.02418	11.76	-.03938	-.73723

Sample Name: J5942-09LX5 Acquired: 11/15/2018 17:34:00 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.4696
Stddev	.0453
%RSD	.82832

#1	5.4375
#2	5.5016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4486.1	62259.	6253.6	110.83	3754.0
Stddev	12.2	175.	5.3	2.33	28.3
%RSD	.27260	.28171	.08446	2.1047	.75298

#1	4477.5	62383.	6249.9	109.18	3734.0
#2	4494.8	62135.	6257.3	112.48	3773.9

Sample Name: J5942-09MS Acquired: 11/15/2018 17:38:00 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40076	2.0338	.98114	1.0115	.14242	39.506	.36511
Stddev	.00007	.0073	.00739	.0029	.00048	.020	.00057
%RSD	.01799	.36001	.75349	.28369	.33926	.05151	.15526

#1	.40070	2.0390	.98637	1.0136	.14208	39.520	.36471
#2	.40081	2.0286	.97591	1.0095	.14276	39.492	.36551

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09868	.19516	72.909	.24224	.31916	.04038	294.52
Stddev	.00004	.00054	.368	.00059	.00081	.00365	4.22
%RSD	.03771	.27434	.50431	.24193	.25397	9.0414	1.4342

#1	.09871	.19554	72.649	.24182	.31974	.03780	297.50
#2	.09866	.19478	73.169	.24265	.31859	.04297	291.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4273	31.151	.66072	.04439	2.8226	.25342	.49265
Stddev	.0011	.029	.00229	.00060	.0006	.00074	.00655
%RSD	.07756	.09311	.34605	1.3599	.02159	.29122	1.3290

#1	1.4281	31.130	.66233	.04481	2.8230	.25395	.49728
#2	1.4265	31.171	.65910	.04396	2.8221	.25290	.48802

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.455	.18995	.48454	1.4164	4.2715	.69940	3.0004
Stddev	.056	.00021	.00404	.0108	.0061	.00263	.0055
%RSD	.23897	.11113	.83302	.76376	.14205	.37598	.18417

#1	23.415	.19010	.48740	1.4087	4.2758	.70126	2.9965
#2	23.495	.18980	.48169	1.4240	4.2672	.69754	3.0044

Sample Name: J5942-09MS Acquired: 11/15/2018 17:38:00 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17240	F 53.71	-.15403	^ *****	F<.00000
Stddev	.00042	.24	.00492	-----	1.3704
%RSD	.24331	.4387	3.1963	-----	2.3756

#1	.17210	53.87	-.15751	^ -----	-56.719
#2	.17270	53.54	-.15055	^ -----	-58.657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7249.6	102010.	10443.	102.23	3342.8
Stddev	35.6	381.	6.	1.47	26.5
%RSD	.49156	.37358	.05987	1.4396	.79237

#1	7224.4	101740.	10448.	101.19	3324.1
#2	7274.8	102280.	10439.	103.27	3361.6

Sample Name: CCV07 Acquired: 11/15/2018 17:41:47 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0819	5.1471	4.9643	5.1533	5.1069	10.444	10.298	.25066
Stddev	.0046	.0017	.0098	.0059	.0050	.229	.021	.00775
%RSD	.09009	.03305	.19781	.11417	.09816	2.1967	.20310	3.0910
#1	5.0787	5.1483	4.9573	5.1575	5.1033	10.606	10.313	.25614
#2	5.0852	5.1459	4.9712	5.1492	5.1104	10.281	10.283	.24518
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4878	26.834	.99448	2.4776	1.2853	5.2644	2.5190	24.682
Stddev	.0026	.022	.03003	.0015	.0010	.0120	.0743	.048
%RSD	.10509	.08256	3.0194	.06051	.07720	.22864	2.9516	.19476
#1	2.4860	26.819	1.0157	2.4765	1.2860	5.2729	2.5716	24.716
#2	2.4897	26.850	.97325	2.4786	1.2846	5.2559	2.4664	24.648
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5120	1.2419	25.109	2.5297	2.5513	25.385	5.0641	5.1534
Stddev	.0038	.0297	.003	.0762	.0202	.029	.0059	.0515
%RSD	.15213	2.3900	.01158	3.0128	.78976	.11534	.11678	1.0001
#1	2.5093	1.2628	25.107	2.5836	2.5656	25.364	5.0599	5.1170
#2	2.5147	1.2209	25.111	2.4758	2.5371	25.406	5.0683	5.1899
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0215	5.2166	4.9489	5.0354	5.1141	5.119	5.3725	F 3.8772
Stddev	.0060	.0067	.0047	.0107	.0097	.003	.0119	.4575
%RSD	.11892	.12817	.09441	.21160	.18971	.0660	.22176	11.800
#1	5.0258	5.2213	4.9456	5.0278	5.1210	5.121	5.3809	4.2007
#2	5.0173	5.2118	4.9522	5.0429	5.1072	5.116	5.3640	3.5537

Sample Name: CCV07 Acquired: 11/15/2018 17:41:47 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14197 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4925
Stddev .4735
%RSD 18.995

#1 2.8273
#2 2.1577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.9	47477.	4815.3	104.66	3537.4
Stddev	6.8	1334.	12.3	1.06	4.3
%RSD	.19603	2.8089	.25636	1.0090	.12090

#1	3448.1	46534.	4806.6	103.91	3534.4
#2	3457.6	48420.	4824.0	105.41	3540.4

Sample Name: CCB07 Acquired: 11/15/2018 17:45:32 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00021	-.00204	-.00006	.00375	-.00011	.00089
Stddev	.00108	.00085	.00029	.00310	.00019	.00041	.00006
%RSD	284.10	402.36	14.169	5202.0	5.0118	371.42	7.2150

#1	.00114	-.00039	-.00224	-.00225	.00362	.00018	.00085
#2	-.00038	.00081	-.00183	.00213	.00388	-.00040	.00094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00012	-.01457	-.00038	.00029	-.00055	.01150
Stddev	.00000	.00001	.00022	.00040	.00010	.00022	.01098
%RSD	24.784	10.288	1.4998	106.33	35.923	39.833	95.501

#1	.00001	-.00011	-.01473	-.00067	.00022	-.00071	.01926
#2	.00002	-.00013	-.01442	-.00009	.00036	-.00040	.00373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.03044	.00052	.00055	-.21901	-.00037	-.00066
Stddev	.00005	.01658	.00050	.00050	.00071	.00033	.00002
%RSD	15.521	54.469	97.888	89.860	.32553	89.627	2.9486

#1	-.00027	-.01872	.00016	.00091	-.21952	-.00060	-.00065
#2	-.00033	-.04217	.00087	.00020	-.21851	-.00014	-.00068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14166	.00039	.01412	-.00823	.00626	.00065	.00190
Stddev	.00023	.00012	.01500	.00283	.00542	.00026	.00022
%RSD	.16307	32.358	106.26	34.372	86.549	40.808	11.814

#1	-.14182	.00047	.02473	-.00623	.01009	.00046	.00174
#2	-.14150	.00030	.00351	-.01023	.00243	.00083	.00206

Sample Name: CCB07 Acquired: 11/15/2018 17:45:32 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14197 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00334	-.0003	.00008	F 2.8255	F<.00000
Stddev	.00024	.0004	.00009	.1932	.58143
%RSD	7.1276	147.9	114.33	6.8361	1772.8

#1	-.00317	.0000	.00014	2.9621	.37834
#2	-.00351	-.0006	.00001	2.6890	-.44393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.4	49839.	4893.3	111.85	4057.8
Stddev	20.3	1086.	24.4	1.56	30.0
%RSD	.56074	2.1790	.49808	1.3908	.73988

#1	3603.0	49071.	4876.1	110.75	4036.6
#2	3631.7	50607.	4910.5	112.95	4079.1

Sample Name: J5942-09MSD Acquired: 11/15/2018 17:49:38 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39873	2.0258	.97289	1.0084	.14210	39.398	.36340
Stddev	.00220	.0019	.00183	.0000	.00050	.079	.00015
%RSD	.55257	.09609	.18820	.00203	.35038	.19934	.04175

#1	.39717	2.0272	.97419	1.0084	.14175	39.342	.36351
#2	.40029	2.0244	.97160	1.0084	.14245	39.453	.36330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09929	.19483	72.908	.24277	.31812	.03950	292.99
Stddev	.00125	.00007	.255	.00308	.00010	.00097	.66
%RSD	1.2542	.03580	.35007	1.2684	.03027	2.4597	.22435

#1	.10017	.19487	72.728	.24495	.31819	.04018	292.53
#2	.09841	.19478	73.089	.24059	.31805	.03881	293.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4345	31.198	.65882	.04410	2.7925	.25503	.48957
Stddev	.0110	.022	.00076	.00066	.0073	.00201	.00280
%RSD	.76995	.07043	.11462	1.5031	.26185	.78891	.57124

#1	1.4423	31.214	.65935	.04457	2.7977	.25645	.48760
#2	1.4267	31.183	.65828	.04363	2.7874	.25361	.49155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.419	.18911	.48901	1.4298	3.9479	.69807	2.9976
Stddev	.028	.00051	.01066	.0021	.0328	.00003	.0059
%RSD	.11820	.27081	2.1791	.14857	.83112	.00416	.19502

#1	23.438	.18947	.48148	1.4313	3.9247	.69809	3.0017
#2	23.399	.18875	.49655	1.4283	3.9711	.69805	2.9934

Sample Name: J5942-09MSD Acquired: 11/15/2018 17:49:38 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-F2MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17304	F 53.55	-.15294	^ *****	F<.00000
Stddev	.00061	.03	.00034	-----	.81766
%RSD	.35211	.0614	.22008	-----	1.3885
#1	.17261	53.57	-.15270	^ -----	-59.465
#2	.17347	53.52	-.15318	^ -----	-58.309
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7263.3	101600.	10416.	103.02	3351.0
Stddev	15.7	165.	20.	.15	12.2
%RSD	.21601	.16247	.19418	.14551	.36391
#1	7252.2	101480.	10401.	103.13	3342.3
#2	7274.3	101720.	10430.	102.91	3359.6

Sample Name: J5942-09A Acquired: 11/15/2018 17:53:25 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7698 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39879	2.0308	.97251	1.0083	.14175	39.231	.35977
Stddev	.00020	.0073	.00035	.0011	.00092	.001	.00354
%RSD	.04978	.36217	.03576	.10873	.65214	.00208	.98322

#1	.39865	2.0360	.97276	1.0091	.14110	39.230	.36227
#2	.39893	2.0256	.97227	1.0076	.14241	39.231	.35727

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09835	.19405	71.821	.24236	.31838	.03766	295.99
Stddev	.00028	.00012	.557	.00137	.00095	.00118	1.78
%RSD	.28008	.06331	.77569	.56333	.29693	3.1265	.60157

#1	.09816	.19414	72.215	.24139	.31905	.03683	297.25
#2	.09855	.19396	71.427	.24332	.31771	.03850	294.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4214	30.773	.65918	.04446	2.7578	.25217	.49239
Stddev	.0010	.153	.00083	.00010	.0241	.00020	.00440
%RSD	.07206	.49759	.12536	.22360	.87319	.07755	.89443

#1	1.4207	30.882	.65976	.04453	2.7748	.25231	.49551
#2	1.4222	30.665	.65859	.04439	2.7408	.25204	.48928

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.165	.18889	.49169	1.4224	3.9064	.69597	2.9882
Stddev	.227	.00058	.00424	.0052	.0058	.00309	.0004
%RSD	.97921	.30568	.86290	.36497	.14859	.44389	.01174

#1	23.325	.18929	.49469	1.4260	3.9105	.69815	2.9884
#2	23.005	.18848	.48869	1.4187	3.9023	.69379	2.9879

Sample Name: J5942-09A Acquired: 11/15/2018 17:53:25 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7698 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17192	F 53.63	-.15835	^ *****	F<.00000
Stddev	.00062	.24	.00029	-----	.82505
%RSD	.36221	.4560	.18416	-----	1.4359

#1	.17148	53.80	-.15856	^ -----	-58.041
#2	.17236	53.45	-.15814	^ -----	-56.874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7277.8	102130.	10555.	102.26	3346.3
Stddev	12.0	325.	115.	1.28	15.8
%RSD	.16453	.31792	1.0884	1.2527	.47210

#1	7269.3	101900.	10474.	101.35	3335.1
#2	7286.2	102360.	10636.	103.17	3357.4

Sample Name: J5955-02 Acquired: 11/15/2018 17:57:13 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20294	-.01539	7.7942	.12670	.13996	156.06	1.6156
Stddev	.00173	.00255	.0107	.00017	.00028	.44	.0131
%RSD	.85274	16.543	.13701	.13623	.20119	.28195	.81177

#1	.20417	-.01359	7.7866	.12658	.14016	155.75	1.6249
#2	.20172	-.01719	7.8017	.12682	.13976	156.37	1.6063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01033	-.01061	183.12	.21897	.18825	1.1173	641.28
Stddev	.00007	.00104	.84	.00297	.00009	.0119	5.60
%RSD	.63976	9.8127	.45734	1.3542	.04737	1.0657	.87259

#1	.01038	-.00987	183.72	.21688	.18832	1.1258	637.33
#2	.01028	-.01134	182.53	.22107	.18819	1.1089	645.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4120	44.984	.33159	-.01138	5.2608	.44286	1.5242
Stddev	.1142	.191	.00016	.00058	.0575	.00323	.0167
%RSD	1.5410	.42441	.04847	5.1022	1.0922	.72921	1.0969

#1	7.3313	45.119	.33147	-.01179	5.3014	.44058	1.5124
#2	7.4928	44.849	.33170	-.01097	5.2201	.44514	1.5360

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.247	.00601	.60231	F 16.835	7.2564	.98748	2.5690
Stddev	.139	.00006	.00367	.018	.1209	.00067	.0051
%RSD	.85376	.97296	.60853	.10525	1.6667	.06812	.19707

#1	16.345	.00605	.60490	16.847	7.3419	.98701	2.5655
#2	16.149	.00597	.59972	16.822	7.1709	.98796	2.5726

Sample Name: J5955-02 Acquired: 11/15/2018 17:57:13 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22635	F 18.65	.15301	.15691	F<.00000
Stddev	.00076	.05	.01093	.01524	2.1440
%RSD	.33597	.2462	7.1420	9.7111	1.0395

#1	.22581	18.62	.16074	.14614	-204.73
#2	.22689	18.68	.14528	.16769	-207.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.6	51935.	5553.5	102.32	3219.9
Stddev	17.0	179.	29.6	.95	3.3
%RSD	.45708	.34394	.53256	.93137	.10109

#1	3700.6	52061.	5532.6	102.99	3222.2
#2	3724.6	51808.	5574.4	101.64	3217.6

Sample Name: J5955-04 Acquired: 11/15/2018 18:01:15 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33577	-.01497	8.1849	.16302	.06611	114.50	1.6372	.00844
Stddev	.00039	.00028	.0482	.01051	.00352	.12	.0066	.00000
%RSD	.11584	1.8728	.58930	6.4449	5.3292	.10098	.40009	.05747

#1	.33604	-.01516	8.1508	.15559	.06860	114.58	1.6325	.00844
#2	.33549	-.01477	8.2190	.17045	.06362	114.42	1.6418	.00844

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00928	114.59	.16049	.24500	1.5482	863.63	11.506	48.116
Stddev	.00154	.80	.00248	.00101	.0037	14.50	.058	.250
%RSD	16.600	.70088	1.5445	.41320	.23971	1.6791	.50097	.51995

#1	-.00819	115.16	.16224	.24428	1.5509	853.37	11.547	47.939
#2	-.01037	114.03	.15873	.24571	1.5456	873.88	11.465	48.293

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33416	-.01407	1.7443	.37212	2.8286	9.1561	.00658	.75946
Stddev	.00166	.00223	.0215	.00119	.0371	.0217	.00013	.02679
%RSD	.49808	15.872	1.2344	.32084	1.3098	.23670	1.9050	3.5280

#1	.33298	-.01565	1.7291	.37296	2.8024	9.1408	.00650	.74051
#2	.33534	-.01250	1.7595	.37127	2.8548	9.1714	.00667	.77841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2841	4.0504	.69609	2.1439	.15690	F 10.05	-.43367	<.00000
Stddev	.0362	.1097	.00049	.0204	.00111	.06	.01794	.08495
%RSD	.68459	2.7092	.07071	.95031	.70989	.5792	4.1357	12.053

#1	5.2585	3.9728	.69644	2.1295	.15769	10.01	-.42099	-.76490
#2	5.3097	4.1280	.69574	2.1583	.15612	10.09	-.44635	-.64476

Sample Name: J5955-04 Acquired: 11/15/2018 18:01:15 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-2 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	3743.3	52251.	5477.0	99.369	3202.0
Stddev	12.9	114.	5.8	1.309	18.4
%RSD	.34348	.21896	.10636	1.3169	.57440
#1	3752.4	52170.	5472.9	100.29	3215.0
#2	3734.2	52332.	5481.2	98.443	3189.0

Sample Name: J5955-06 Acquired: 11/15/2018 18:05:16 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03387	-.00294	.78764	.03073	.00925	35.003	.53404
Stddev	.00211	.00122	.00110	.00182	.00034	.107	.00251
%RSD	6.2223	41.705	.13963	5.9125	3.6866	.30493	.47044

#1	.03536	-.00380	.78686	.03201	.00901	34.927	.53582
#2	.03238	-.00207	.78842	.02944	.00949	35.078	.53227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00361	130.37	.05912	.05226	.25445	147.25
Stddev	.00006	.00022	.31	.00001	.00002	.00098	.58
%RSD	2.3148	5.9755	.23721	.01324	.03958	.38397	.39246

#1	.00237	-.00376	130.15	.05913	.05227	.25514	147.65
#2	.00245	-.00346	130.59	.05912	.05224	.25375	146.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8426	21.553	.06675	-.00439	.93917	.11244	.39678
Stddev	.0051	.037	.00011	.00014	.01396	.00123	.00011
%RSD	.17996	.17377	.17059	3.2949	1.4869	1.0978	.02804

#1	2.8390	21.526	.06667	-.00429	.94905	.11331	.39670
#2	2.8462	21.579	.06683	-.00449	.92930	.11156	.39686

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3165	.00177	.13136	.83625	6.9871	.05597	.62788
Stddev	.0333	.00035	.00400	.00629	.0864	.00086	.00931
%RSD	.77226	19.595	3.0413	.75231	1.2368	1.5325	1.4836

#1	4.2929	.00201	.13418	.84070	7.0482	.05537	.63446
#2	4.3400	.00152	.12853	.83180	6.9260	.05658	.62129

Sample Name: J5955-06 Acquired: 11/15/2018 18:05:16 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05852	4.312	.14586	2.5496	F<.00000
Stddev	.00002	.013	.00005	.0564	.64062
%RSD	.02597	.3055	.03349	2.2114	5.8027

#1	.05851	4.321	.14582	2.5097	-10.587
#2	.05853	4.302	.14589	2.5895	-11.493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.1	50583.	5137.5	106.24	3582.2
Stddev	11.1	6.	2.8	.30	13.7
%RSD	.30773	.01242	.05429	.28415	.38268

#1	3605.2	50587.	5135.5	106.03	3572.5
#2	3621.0	50578.	5139.5	106.46	3591.9

Sample Name: J5955-08 Acquired: 11/15/2018 18:09:12 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02219	-.00578	.24475	.03849	.01021	137.35	1.4578
Stddev	.00052	.00135	.00036	.00408	.00214	.03	.0072
%RSD	2.3540	23.281	.14861	10.596	20.979	.01868	.49340

#1	.02182	-.00483	.24500	.04138	.00870	137.33	1.4527
#2	.02256	-.00674	.24449	.03561	.01173	137.36	1.4629

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00805	-.00520	25.246	.15720	.10534	.23707	210.80
Stddev	.00010	.00012	.124	.00076	.00001	.00087	1.17
%RSD	1.1952	2.3670	.48936	.48479	.01026	.36731	.55288

#1	.00799	-.00529	25.159	.15666	.10533	.23769	211.62
#2	.00812	-.00511	25.334	.15774	.10535	.23645	209.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9721	45.860	.21192	-.00378	1.0693	.21850	.61962
Stddev	.0070	.106	.00069	.00014	.0091	.00018	.00429
%RSD	.11803	.23020	.32732	3.6586	.84865	.08438	.69209

#1	5.9672	45.786	.21143	-.00368	1.0757	.21863	.62265
#2	5.9771	45.935	.21241	-.00388	1.0629	.21836	.61658

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.635	.00152	.20241	.62780	8.1133	.01893	1.2967
Stddev	.101	.00020	.00197	.00543	.0612	.00035	.0090
%RSD	.60864	13.209	.97508	.86455	.75400	1.8530	.69281

#1	16.564	.00166	.20102	.63164	8.1565	.01868	1.2904
#2	16.707	.00138	.20381	.62396	8.0700	.01918	1.3031

Sample Name: J5955-08 Acquired: 11/15/2018 18:09:12 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23633	8.066	-.02481	1.2803	F<.00000
Stddev	.00208	.019	.00079	.0611	.16336
%RSD	.88088	.2334	3.1803	4.7739	.57397

#1	.23780	8.079	-.02537	1.2371	-28.577
#2	.23486	8.053	-.02425	1.3236	-28.346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3866.8	53491.	5497.9	104.67	3531.8
Stddev	10.9	115.	12.2	.88	.9
%RSD	.28177	.21559	.22149	.83697	.02452

#1	3859.1	53409.	5506.6	104.05	3531.2
#2	3874.5	53572.	5489.3	105.29	3532.4

Sample Name: J5955-10 Acquired: 11/15/2018 18:13:16 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14352	-.00969	4.6505	.10187	.04424	133.21	1.4842
Stddev	.00022	.00182	.0224	.00029	.00076	.25	.0002
%RSD	.15257	18.792	.48213	.28069	1.7187	.18938	.01525

#1	.14336	-.00840	4.6346	.10167	.04477	133.03	1.4844
#2	.14367	-.01097	4.6663	.10207	.04370	133.39	1.4841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00865	-.01014	112.08	.19342	.17520	.83106	538.59
Stddev	.00017	.00078	.02	.00215	.00143	.00789	7.39
%RSD	1.9098	7.6790	.01586	1.1099	.81890	.94980	1.3723

#1	.00853	-.01069	112.09	.19494	.17419	.82548	543.82
#2	.00877	-.00959	112.07	.19190	.17622	.83664	533.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2514	38.659	.27385	-.00848	4.5472	.40209	1.4935
Stddev	.0289	.027	.00017	.00049	.0344	.00093	.0218
%RSD	.46288	.06978	.06120	5.7315	.75734	.23105	1.4624

#1	6.2309	38.639	.27396	-.00813	4.5715	.40274	1.5089
#2	6.2718	38.678	.27373	-.00882	4.5228	.40143	1.4780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.876	.00603	.51324	F 16.106	5.6396	.54526	2.0473
Stddev	.003	.00037	.00769	.070	.0153	.00446	.0111
%RSD	.01935	6.1653	1.4993	.43744	.27063	.81839	.54051

#1	13.874	.00577	.51868	16.056	5.6288	.54210	2.0551
#2	13.878	.00629	.50780	16.156	5.6504	.54841	2.0394

Sample Name: J5955-10 Acquired: 11/15/2018 18:13:16 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19080	F 16.68	-.08200	.30580	F<.00000
Stddev	.00050	.03	.00739	.15067	1.8294
%RSD	.26151	.1807	9.0064	49.270	1.1555

#1	.19116	16.66	-.08722	.19926	-159.62
#2	.19045	16.70	-.07678	.41234	-157.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.5	52444.	5491.3	101.80	3317.3
Stddev	3.7	72.	6.9	1.50	8.6
%RSD	.09719	.13757	.12488	1.4769	.25916

#1	3758.9	52495.	5486.5	100.74	3323.4
#2	3764.1	52393.	5496.2	102.86	3311.2

Sample Name: J5955-12 Acquired: 11/15/2018 18:17:18 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09056	-.01336	3.4988	.11577	.02386	129.70	1.9327
Stddev	.00166	.00395	.0124	.00596	.00069	.07	.0230
%RSD	1.8333	29.560	.35360	5.1523	2.8786	.05637	1.1913

#1	.09173	-.01615	3.5076	.11156	.02337	129.75	1.9164
#2	.08938	-.01056	3.4901	.11999	.02434	129.65	1.9490

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00860	-.00700	143.32	.18372	.23132	1.0993	614.37
Stddev	.00015	.00256	1.25	.00108	.00131	.0107	18.07
%RSD	1.7077	36.485	.87538	.58698	.56700	.96868	2.9415

#1	.00850	-.00520	142.43	.18296	.23225	1.1068	601.59
#2	.00870	-.00881	144.21	.18448	.23040	1.0918	627.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6971	28.776	.30917	-.01332	2.0419	.39850	2.8486
Stddev	.0554	.324	.00021	.00194	.0244	.00061	.0677
%RSD	.57097	1.1252	.06683	14.553	1.1950	.15268	2.3763

#1	9.7363	28.547	.30902	-.01469	2.0246	.39807	2.8007
#2	9.6580	29.005	.30931	-.01195	2.0591	.39893	2.8964

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.171	.00415	.51997	4.5703	4.3653	.28157	2.3048
Stddev	.140	.00017	.02841	.0035	.0742	.00005	.0274
%RSD	1.2500	4.0010	5.4629	.07673	1.7002	.01938	1.1883

#1	11.073	.00403	.49989	4.5728	4.3128	.28153	2.2855
#2	11.270	.00426	.54006	4.5678	4.4178	.28161	2.3242

Sample Name: J5955-12 Acquired: 11/15/2018 18:17:18 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-6 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17731	F 11.07	.01225	<.00000	F<.00000
Stddev	.00171	.00	.01497	.17138	1.6420
%RSD	.96222	.0195	122.24	803.24	.81049

#1	.17610	11.07	.02284	.09985	-203.75
#2	.17851	11.07	.00166	-.14252	-201.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3701.0	51819.	5511.1	105.40	3268.2
Stddev	1.2	95.	48.4	2.54	4.5
%RSD	.03244	.18250	.87899	2.4061	.13833

#1	3700.1	51752.	5545.4	107.19	3265.0
#2	3701.8	51886.	5476.9	103.61	3271.4

Sample Name: J5955-14 Acquired: 11/15/2018 18:21:22 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3879	-.00907	45.173	.04236	1.0530	124.55	1.6635
Stddev	.0011	.00001	.033	.00202	.0062	.42	.0010
%RSD	.04676	.09198	.07287	4.7632	.58426	.33523	.06338

#1	2.3887	-.00907	45.196	.04379	1.0573	124.26	1.6628
#2	2.3871	-.00908	45.149	.04094	1.0486	124.85	1.6643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00798	-.00421	106.01	.14631	.14429	3.9433	234.60
Stddev	.00001	.00071	.15	.00174	.00007	.0008	6.08
%RSD	.15602	16.748	.14513	1.1910	.04760	.02025	2.5916

#1	.00798	-.00471	106.12	.14755	.14424	3.9428	238.90
#2	.00797	-.00371	105.90	.14508	.14433	3.9439	230.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8577	50.026	1.2482	-.00004	1.2997	.20935	1.7512
Stddev	.0090	.107	.0032	.00084	.0053	.00080	.0507
%RSD	.23260	.21389	.25790	2112.5	.40767	.38131	2.8954

#1	3.8641	49.950	1.2459	.00055	1.3034	.20879	1.7870
#2	3.8514	50.101	1.2505	-.00063	1.2959	.20992	1.7153

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.240	.00340	.21466	1.8981	3.7674	4.0845	1.1838
Stddev	.022	.00003	.00188	.0037	.0651	.0014	.0003
%RSD	.15628	.74404	.87376	.19333	1.7285	.03325	.02601

#1	14.224	.00342	.21599	1.9007	3.8134	4.0855	1.1840
#2	14.256	.00339	.21334	1.8955	3.7213	4.0835	1.1836

Sample Name: J5955-14 Acquired: 11/15/2018 18:21:22 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27129	F 10.50	.05834	1.1989	F<.00000
Stddev	.00192	.02	.00718	.1328	.60969
%RSD	.70894	.1488	12.312	11.080	1.6834

#1	.26993	10.49	.05326	1.1050	-36.649
#2	.27265	10.51	.06342	1.2928	-35.786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.8	53809.	5565.2	105.28	3415.9
Stddev	4.6	25.	24.4	3.05	4.6
%RSD	.11994	.04733	.43919	2.9015	.13554

#1	3836.5	53827.	5547.9	103.12	3412.6
#2	3843.0	53791.	5582.5	107.44	3419.1

Sample Name: J5955-16 Acquired: 11/15/2018 18:25:16 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	-.00422	.00289	.02368	.00278	85.309	.16445
Stddev	.00009	.00083	.00021	.00203	.00149	.095	.00025
%RSD	2.3377	19.646	7.0967	8.5824	53.486	.11160	.15225

#1	.00385	-.00481	.00304	.02225	.00173	85.241	.16463
#2	.00372	-.00364	.00275	.02512	.00383	85.376	.16427

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00284	60.899	.25799	.09331	.99158	119.11
Stddev	.00002	.00032	.133	.00258	.00002	.00059	1.34
%RSD	2.6452	11.257	.21861	.99961	.02409	.05925	1.1290

#1	.00068	-.00262	60.994	.25616	.09333	.99116	118.16
#2	.00071	-.00307	60.805	.25981	.09329	.99200	120.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96043	55.639	.18801	-.00469	6.5565	.29448	.30008
Stddev	.00123	.185	.00086	.00043	.0379	.00160	.00265
%RSD	.12856	.33280	.45893	9.1121	.57747	.54315	.88211

#1	.96130	55.770	.18740	-.00439	6.5832	.29335	.29821
#2	.95956	55.508	.18862	-.00499	6.5297	.29561	.30196

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6631	.00004	.16157	2.1240	.78158	.00453	1.6572
Stddev	.0371	.00009	.01119	.0040	.01014	.00064	.0008
%RSD	.48414	216.67	6.9245	.18692	1.2977	14.094	.05041

#1	7.6893	-.00002	.15366	2.1212	.78875	.00408	1.6566
#2	7.6369	.00011	.16948	2.1268	.77440	.00499	1.6577

Sample Name: J5955-16 Acquired: 11/15/2018 18:25:16 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BB1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05093	8.115	.27744	2.4840	F<.00000
Stddev	.00013	.001	.00334	.2616	.49941
%RSD	.24825	.0161	1.2041	10.530	12.914

#1	.05102	8.114	.27980	2.6690	-4.2203
#2	.05084	8.116	.27508	2.2991	-3.5141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.3	50461.	5192.7	109.33	3557.0
Stddev	2.3	111.	31.8	1.08	6.2
%RSD	.06428	.22092	.61210	.98765	.17549

#1	3617.7	50382.	5170.2	110.09	3552.6
#2	3621.0	50540.	5215.2	108.57	3561.5

Sample Name: CCV08 Acquired: 11/15/2018 18:29:12 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14199 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1407	5.1346	4.9870	5.1808	5.1608	10.327	10.355	.25149
Stddev	.0187	.0096	.0055	.0190	.0143	.016	.040	.00055
%RSD	.36297	.18758	.10965	.36569	.27725	.15486	.38487	.21952
#1	5.1275	5.1278	4.9831	5.1674	5.1507	10.316	10.383	.25110
#2	5.1539	5.1414	4.9908	5.1942	5.1709	10.339	10.327	.25188
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4989	26.718	.99197	2.4921	1.2987	5.2736	2.5197	24.903
Stddev	.0050	.008	.00069	.0036	.0058	.1452	.0017	.069
%RSD	.19900	.03020	.06985	.14287	.44621	2.7541	.06685	.27568
#1	2.4953	26.712	.99148	2.4896	1.2946	5.1709	2.5209	24.952
#2	2.5024	26.724	.99246	2.4946	1.3028	5.3763	2.5186	24.855
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5275	1.2424	25.196	2.5287	2.5803	25.384	5.1086	5.1701
Stddev	.0077	.0029	.099	.0030	.0667	.147	.0176	.0093
%RSD	.30332	.22900	.39399	.12018	2.5859	.58007	.34462	.17911
#1	2.5220	1.2404	25.266	2.5266	2.5331	25.489	5.0962	5.1636
#2	2.5329	1.2444	25.126	2.5309	2.6275	25.280	5.1211	5.1767
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0317	5.2397	4.9779	5.0571	5.1075	5.126	5.3724	F 3.8047
Stddev	.0072	.0115	.0126	.0012	.0220	.010	.0352	.0841
%RSD	.14262	.21961	.25249	.02362	.42971	.1966	.65459	2.2100
#1	5.0368	5.2478	4.9690	5.0579	5.1230	5.119	5.3972	3.8642
#2	5.0266	5.2315	4.9867	5.0562	5.0920	5.133	5.3475	3.7453

Sample Name: CCV08 Acquired: 11/15/2018 18:29:12 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14199 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0784
Stddev	.4005
%RSD	13.011

#1	3.3617
#2	2.7952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.2	47460.	4780.5	103.43	3517.1
Stddev	9.5	109.	10.7	2.70	2.5
%RSD	.27701	.22920	.22310	2.6108	.07238

#1	3423.9	47383.	4772.9	105.34	3518.9
#2	3410.6	47537.	4788.0	101.53	3515.3

Sample Name: CBC08 Acquired: 11/15/2018 18:32:58 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14199 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00005	.00103	-.00277	.00375	-.02266	.00085
Stddev	.00102	.00205	.00041	.00013	.00082	.00040	.00101
%RSD	499.56	3901.4	39.622	4.8437	21.965	1.7719	118.17

#1	.00052	.00140	.00132	-.00286	.00434	-.02237	.00014
#2	-.00092	-.00150	.00074	-.00267	.00317	-.02294	.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00001	-.01270	-.00048	.00012	-.00038	.00547
Stddev	.00001	.00007	.02279	.00028	.00002	.00016	.00775
%RSD	42.597	531.02	179.48	59.471	12.933	42.700	141.70

#1	.00002	.00004	.00342	-.00068	.00013	-.00027	.01094
#2	.00001	-.00006	-.02881	-.00028	.00011	-.00050	-.00001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.01740	.00048	.00012	-.22764	-.00022	-.00059
Stddev	.00001	.01366	.00004	.00012	.00401	.00013	.00007
%RSD	3.8314	78.515	7.9537	97.864	1.7622	61.067	12.610

#1	-.00030	.02706	.00050	.00004	-.23047	-.00031	-.00064
#2	-.00031	.00774	.00045	.00021	-.22480	-.00012	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14365	.00011	-.00298	-.00343	.00801	.00108	.00257
Stddev	.01945	.00003	.00249	.00152	.00358	.00031	.00094
%RSD	13.539	24.306	83.623	44.230	44.665	28.895	36.796

#1	-.15740	.00013	-.00474	-.00451	.00548	.00130	.00324
#2	-.12989	.00009	-.00122	-.00236	.01053	.00086	.00190

Sample Name: CBC08 Acquired: 11/15/2018 18:32:58 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14199 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00426	-.0003	.00001	F 3.0191	F<.00000
Stddev	.00171	.0002	.00001	.1505	.34370
%RSD	40.154	65.19	60.240	4.9835	70.635

#1	-.00305	-.0005	.00001	3.1255	-.72962
#2	-.00547	-.0002	.00002	2.9127	-.24355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.4	49813.	4794.3	111.83	4000.7
Stddev	11.8	533.	168.4	3.63	2.9
%RSD	.33141	1.0698	3.5116	3.2457	.07215

#1	3580.8	49436.	4913.4	114.40	4002.7
#2	3564.0	50189.	4675.3	109.27	3998.7

Sample Name: J5950-02 Acquired: 11/15/2018 18:37:03 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02978	-.01314	.09516	.04443	.00996	243.73	.77793
Stddev	.00020	.00178	.00013	.00062	.00271	.97	.00278
%RSD	.67243	13.570	.13221	1.4061	27.260	.39610	.35707

#1	.02992	-.01188	.09525	.04487	.01188	243.05	.77989
#2	.02964	-.01440	.09508	.04399	.00804	244.42	.77596

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00842	-.00487	23.077	.22283	.09672	-.03781	247.83
Stddev	.00013	.00074	.207	.00037	.00027	.00519	6.86
%RSD	1.5188	15.152	.89591	.16596	.28378	13.735	2.7694

#1	.00833	-.00435	23.223	.22310	.09652	-.03414	242.97
#2	.00852	-.00539	22.931	.22257	.09691	-.04149	252.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0893	36.720	.15948	-.00454	.65324	.34490	.57673
Stddev	.0071	.022	.00024	.00132	.02142	.00236	.01417
%RSD	.22968	.05875	.15242	29.088	3.2789	.68489	2.4563

#1	3.0843	36.705	.15931	-.00547	.66838	.34323	.56672
#2	3.0943	36.736	.15965	-.00360	.63809	.34657	.58675

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3512	.02230	.21021	5.7853	3.7113	.01404	5.9572
Stddev	.0366	.00037	.00828	.0073	.1192	.00006	.0401
%RSD	.49783	1.6394	3.9392	.12691	3.2132	.44066	.67308

#1	7.3770	.02204	.20436	5.7905	3.6270	.01408	5.9855
#2	7.3253	.02256	.21607	5.7801	3.7956	.01399	5.9288

Sample Name: J5950-02 Acquired: 11/15/2018 18:37:03 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-04 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14526	6.947	-.15278	1.1591	F<.00000
Stddev	.00061	.010	.00886	.0715	.18233
%RSD	.42035	.1380	5.7982	6.1718	.40245

#1	.14569	6.954	-.14651	1.1086	-45.434
#2	.14483	6.940	-.15904	1.2097	-45.176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3925.6	54378.	5621.9	106.97	3476.7
Stddev	25.1	145.	29.9	2.43	9.8
%RSD	.63820	.26675	.53205	2.2734	.28295

#1	3907.9	54480.	5600.7	108.69	3469.7
#2	3943.3	54275.	5643.0	105.25	3483.6

Sample Name: J5950-03 Acquired: 11/15/2018 18:41:00 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02380	-.01217	.21716	.05234	.00858	245.71	1.0893
Stddev	.00125	.00378	.00083	.00190	.00022	.37	.0042
%RSD	5.2685	31.049	.38148	3.6381	2.5660	.14871	.38606

#1	.02468	-.00950	.21775	.05369	.00842	245.97	1.0923
#2	.02291	-.01484	.21657	.05100	.00873	245.46	1.0863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00964	-.00593	17.094	.29746	.09800	-.00043	285.23
Stddev	.00002	.00010	.065	.00409	.00031	.00090	.64
%RSD	.19987	1.7170	.37735	1.3743	.31450	207.11	.22595

#1	.00963	-.00586	17.140	.29457	.09822	-.00107	285.69
#2	.00966	-.00600	17.048	.30035	.09778	.00020	284.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5109	45.453	.16676	-.00533	1.8098	.43593	.53035
Stddev	.0034	.079	.00050	.00049	.0065	.00278	.00045
%RSD	.13451	.17322	.29777	9.2092	.35698	.63727	.08504

#1	2.5133	45.509	.16711	-.00498	1.8144	.43397	.53004
#2	2.5085	45.398	.16641	-.00567	1.8052	.43789	.53067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9667	.03063	.23921	7.1879	4.8314	.01409	4.8295
Stddev	.0691	.00058	.00159	.0137	.0012	.00069	.0093
%RSD	.86768	1.8800	.66528	.19069	.02430	4.8939	.19200

#1	8.0156	.03022	.24034	7.1976	4.8305	.01458	4.8361
#2	7.9178	.03103	.23809	7.1782	4.8322	.01360	4.8230

Sample Name: J5950-03 Acquired: 11/15/2018 18:41:00 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-03 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23482	6.841	-.20019	.94984	F<.00000
Stddev	.00001	.002	.00077	.14200	.17378
%RSD	.00577	.0324	.38506	14.950	.28855

#1	.23483	6.843	-.20074	1.0503	-60.347
#2	.23481	6.840	-.19965	.84943	-60.101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3936.3	54603.	5654.7	106.16	3440.5
Stddev	16.9	139.	18.3	.13	16.3
%RSD	.42893	.25411	.32345	.12585	.47353

#1	3924.4	54505.	5641.7	106.06	3428.9
#2	3948.3	54701.	5667.6	106.25	3452.0

Sample Name: J5950-04 Acquired: 11/15/2018 18:44:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02360	-.01397	.03659	.06296	.00787	180.82	1.0326
Stddev	.00037	.00077	.00147	.00412	.00305	.82	.0004
%RSD	1.5733	5.5460	4.0093	6.5364	38.798	.45193	.03786

#1	.02386	-.01342	.03762	.06005	.01003	181.40	1.0323
#2	.02334	-.01452	.03555	.06587	.00571	180.24	1.0329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00721	-.00768	20.876	.32793	.14778	.02162	341.98
Stddev	.00010	.00064	.014	.00109	.00091	.00511	6.17
%RSD	1.3930	8.2965	.06534	.33114	.61761	23.640	1.8048

#1	.00728	-.00723	20.867	.32870	.14843	.02523	337.61
#2	.00714	-.00813	20.886	.32716	.14714	.01800	346.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3036	65.242	.23030	-.00601	2.4133	.41147	.68579
Stddev	.0059	.133	.00025	.00013	.0039	.00012	.01449
%RSD	.25449	.20316	.10819	2.2143	.16080	.02922	2.1131

#1	2.2995	65.148	.23012	-.00611	2.4161	.41139	.67554
#2	2.3078	65.336	.23047	-.00592	2.4106	.41156	.69603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.862	.03970	.29465	.77797	6.1532	.01405	6.1038
Stddev	.028	.00031	.01462	.00007	.0251	.00021	.0062
%RSD	.15774	.78495	4.9634	.00889	.40788	1.4945	.10144

#1	17.842	.03992	.28431	.77802	6.1354	.01419	6.0994
#2	17.882	.03948	.30499	.77792	6.1709	.01390	6.1081

Sample Name: J5950-04 Acquired: 11/15/2018 18:44:57 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-02 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24378	5.298	-.23955	.40615	F<.00000
Stddev	.00037	.001	.00718	.07576	.28954
%RSD	.15357	.0131	2.9962	18.653	.36386

#1	.24405	5.298	-.23447	.35258	-79.780
#2	.24352	5.299	-.24462	.45971	-79.371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.0	55697.	5853.3	105.09	3387.9
Stddev	6.6	72.	37.4	2.09	4.9
%RSD	.16290	.12849	.63917	1.9842	.14499

#1	4026.4	55747.	5879.8	106.57	3384.4
#2	4035.7	55646.	5826.9	103.62	3391.4

Sample Name: J5950-05 Acquired: 11/15/2018 18:48:56 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03876	-.01204	.15886	.07002	.00950	176.03	.58630
Stddev	.00260	.00082	.00293	.00243	.00066	.28	.00105
%RSD	6.7026	6.7936	1.8440	3.4692	6.9348	.15743	.17966

#1	.03692	-.01262	.15679	.07174	.00996	175.84	.58705
#2	.04059	-.01146	.16093	.06831	.00903	176.23	.58556

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	-.00704	104.80	.22972	.15546	.07228	389.39
Stddev	.00006	.00003	.90	.00138	.00133	.00211	.27
%RSD	.80486	.44396	.86105	.60239	.85491	2.9176	.06838

#1	.00799	-.00702	104.17	.22874	.15452	.07079	389.58
#2	.00808	-.00706	105.44	.23070	.15639	.07377	389.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6331	95.950	.28343	-.00683	.66380	.27754	.98952
Stddev	.0204	.178	.00073	.00019	.00101	.00211	.00019
%RSD	.36205	.18535	.25757	2.8333	.15158	.76123	.01927

#1	5.6186	95.824	.28291	-.00669	.66451	.27604	.98939
#2	5.6475	96.076	.28394	-.00696	.66309	.27903	.98966

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.242	.00242	.32830	1.8784	5.7150	.02352	2.4696
Stddev	.012	.00009	.00011	.0008	.0486	.00016	.0032
%RSD	.10603	3.5280	.03393	.04082	.84989	.67540	.12765

#1	11.250	.00236	.32838	1.8778	5.7493	.02341	2.4718
#2	11.234	.00248	.32823	1.8789	5.6806	.02364	2.4674

Sample Name: J5950-05 Acquired: 11/15/2018 18:48:56 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28053	9.136	-.19574	.20857	F<.00000
Stddev	.00156	.035	.00121	.05074	.53087
%RSD	.55765	.3846	.61905	24.326	.55593

#1	.27943	9.111	-.19660	.24445	-95.868
#2	.28164	9.161	-.19488	.17270	-95.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.7	54908.	5761.5	103.49	3287.2
Stddev	12.8	16.	13.7	.01	10.2
%RSD	.32582	.02985	.23777	.01449	.30921

#1	3949.7	54896.	5771.2	103.50	3294.4
#2	3931.6	54919.	5751.8	103.48	3280.1

Sample Name: J5950-06 Acquired: 11/15/2018 18:53:00 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-20-TW-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21999	-.02176	.28258	.13282	.01366	275.48	1.6185
Stddev	.00372	.00017	.00128	.00457	.00253	1.36	.0013
%RSD	1.6892	.76558	.45334	3.4377	18.556	.49261	.08182

#1	.21736	-.02188	.28348	.13604	.01187	274.53	1.6194
#2	.22261	-.02164	.28167	.12959	.01545	276.44	1.6176

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01528	-.00465	266.52	.25072	.39278	.29699	652.94
Stddev	.00012	.00082	.07	.00119	.00035	.00620	6.65
%RSD	.76392	17.694	.02753	.47585	.08823	2.0889	1.0189

#1	.01520	-.00523	266.46	.25156	.39253	.29260	657.64
#2	.01536	-.00407	266.57	.24988	.39302	.30138	648.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.552	171.13	.52806	.00213	2.1098	.48166	1.7378
Stddev	.067	.28	.00015	.00099	.0082	.00112	.0268
%RSD	.53435	.16500	.02763	46.384	.38742	.23164	1.5437

#1	12.600	171.33	.52796	.00283	2.1156	.48087	1.7568
#2	12.505	170.93	.52817	.00143	2.1040	.48245	1.7189

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.452	.00735	.66341	3.8828	F 10.577	.03151	3.0484
Stddev	.043	.00005	.00262	.0034	.120	.00350	.0094
%RSD	.20261	.67893	.39501	.08760	1.1326	11.101	.30736

#1	21.482	.00738	.66156	3.8804	10.661	.03399	3.0551
#2	21.421	.00731	.66527	3.8852	10.492	.02904	3.0418

Sample Name: J5950-06 Acquired: 11/15/2018 18:53:00 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-20-TW-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34746	F 17.38	-.38330	<.00000	F<.00000
Stddev	.00027	.00	.00722	.02348	1.1567
%RSD	.07683	.0007	1.8848	.79122	.56780

#1	.34727	17.38	-.38841	-2.9842	-204.53
#2	.34765	17.38	-.37819	-2.9510	-202.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.6	63066.	6860.4	99.524	2930.8
Stddev	2.2	139.	50.4	1.643	.8
%RSD	.04797	.22042	.73439	1.6506	.02776

#1	4508.0	62968.	6824.8	98.362	2931.4
#2	4511.1	63165.	6896.0	100.69	2930.2

Sample Name: J5950-07 Acquired: 11/15/2018 18:57:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-21-TW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01966	-.01031	.07253	.05969	.00832	187.77	1.1801
Stddev	.00358	.00061	.00354	.00035	.00227	.97	.0088
%RSD	18.189	5.8836	4.8787	.58735	27.297	.51688	.74789

#1	.02219	-.01074	.07003	.05944	.00993	187.09	1.1738
#2	.01713	-.00988	.07503	.05994	.00672	188.46	1.1863

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00746	-.00776	66.274	.39022	.11529	.03993	329.09
Stddev	.00011	.00038	.282	.00137	.00044	.00239	2.28
%RSD	1.5049	4.8629	.42568	.35005	.37834	5.9769	.69397

#1	.00738	-.00803	66.075	.39119	.11560	.03824	330.71
#2	.00754	-.00749	66.473	.38926	.11498	.04161	327.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0318	66.634	.20590	-.00430	2.0165	.41009	.78178
Stddev	.0026	.645	.00098	.00041	.0232	.00010	.01062
%RSD	.08471	.96862	.47409	9.6310	1.1525	.02525	1.3580

#1	3.0336	66.178	.20659	-.00401	2.0001	.41002	.78929
#2	3.0300	67.091	.20521	-.00459	2.0329	.41016	.77427

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.999	.04654	.30564	2.3633	8.1980	.01542	3.7010
Stddev	.038	.00033	.00689	.0019	.1831	.00038	.0182
%RSD	.23795	.71926	2.2538	.08100	2.2336	2.4660	.49302

#1	15.972	.04678	.31051	2.3619	8.3275	.01569	3.6881
#2	16.026	.04630	.30077	2.3646	8.0685	.01515	3.7139

Sample Name: J5950-07 Acquired: 11/15/2018 18:57:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-21-TW-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33287	F 10.18	-.08401	<.00000	F<.00000
Stddev	.00001	.00	.00294	.14514	1.0587
%RSD	.00194	.0108	3.4976	454.49	1.5077

#1	.33287	10.18	-.08608	-.13456	-69.470
#2	.33288	10.18	-.08193	.07069	-70.967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.8	57033.	5991.4	103.34	3345.4
Stddev	5.5	118.	3.3	1.52	3.3
%RSD	.13302	.20772	.05559	1.4699	.09820

#1	4115.7	57117.	5993.8	102.27	3343.1
#2	4108.0	56949.	5989.1	104.42	3347.7

Sample Name: J5950-07DUP Acquired: 11/15/2018 19:01:00 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-21-TW-2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02100	-.01200	.07207	.05763	.00694	186.86	1.1752
Stddev	.00032	.00066	.00460	.00096	.00276	2.29	.0042
%RSD	1.5322	5.5264	6.3852	1.6656	39.792	1.2231	.36117

#1	.02122	-.01153	.07533	.05830	.00498	188.48	1.1782
#2	.02077	-.01247	.06882	.05695	.00889	185.25	1.1722

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00735	-.00711	66.634	.38805	.11603	.04749	321.95
Stddev	.00001	.00127	.021	.00122	.00073	.00819	10.41
%RSD	.19356	17.823	.03135	.31520	.62829	17.242	3.2317

#1	.00736	-.00621	66.619	.38891	.11552	.05328	314.59
#2	.00734	-.00801	66.649	.38718	.11655	.04170	329.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9160	66.619	.20774	-.00488	1.9812	.40550	.76682
Stddev	.0376	.468	.00037	.00118	.0002	.00257	.02600
%RSD	1.2909	.70239	.17638	24.135	.01187	.63323	3.3911

#1	2.9427	66.950	.20748	-.00571	1.9810	.40731	.74843
#2	2.8894	66.288	.20800	-.00405	1.9813	.40368	.78520

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.958	.04640	.29622	2.3603	6.5841	.01390	3.6605
Stddev	.024	.00009	.00308	.0051	.0266	.00097	.0060
%RSD	.15221	.20201	1.0383	.21457	.40366	6.9904	.16269

#1	15.975	.04646	.29405	2.3568	6.5653	.01321	3.6647
#2	15.941	.04633	.29840	2.3639	6.6028	.01459	3.6562

Sample Name: J5950-07DUP Acquired: 11/15/2018 19:01:00 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-21-TW-2D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32920	F 10.21	-.06779	<.00000	F<.00000
Stddev	.00009	.04	.01123	.35612	.09729
%RSD	.02818	.3533	16.559	125.81	.14070

#1	.32913	10.23	-.05985	-.03124	-69.078
#2	.32927	10.18	-.07573	-.53486	-69.216

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4119.1	57401.	5976.4	105.46	3342.0
Stddev	10.0	751.	12.4	3.62	14.5
%RSD	.24241	1.3087	.20689	3.4335	.43405

#1	4112.1	56869.	5967.6	108.02	3331.7
#2	4126.2	57932.	5985.1	102.90	3352.3

Sample Name: J5950-07LX5 Acquired: 11/15/2018 19:04:57 Type: Unk
Method: P4-ICP2(v2585) 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	.00566	-.00228	.01626	.00541	.00288	43.101	.28212	.00173
Stddev	.00001	.00081	.00014	.00073	.00186	.532	.00224	.00004
%RSD	.16219	35.538	.83203	13.478	64.720	1.2344	.79330	2.5443

#1	.00565	-.00286	.01635	.00593	.00156	43.477	.28054	.00176
#2	.00567	-.00171	.01616	.00489	.00420	42.725	.28371	.00170

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	16.029	.09579	.02299	.02236	65.981	.70606	16.217
Stddev	.00012	.049	.00027	.00057	.00064	.429	.01074	.091
%RSD	6.0552	.30417	.28691	2.4687	2.8547	.64995	1.5205	.56179

#1	-.00213	15.994	.09598	.02259	.02190	66.284	.71366	16.152
#2	-.00196	16.063	.09559	.02339	.02281	65.677	.69847	16.281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04058	-.00306	.27783	.09748	.16035	3.5990	.01089	.05386
Stddev	.00013	.00013	.00021	.00104	.00183	.0024	.00011	.00862
%RSD	.31375	4.1738	.07446	1.0673	1.1398	.06616	1.0499	16.005

#1	.04049	-.00316	.27798	.09822	.16164	3.5973	.01097	.05995
#2	.04067	-.00297	.27769	.09675	.15906	3.6006	.01081	.04776

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43745	2.2614	.00353	.89112	.07243	1.969	-.00225	2.2701
Stddev	.00498	.0790	.00020	.00546	.00026	.001	.00026	.2497
%RSD	1.1376	3.4942	5.7154	.61292	.36403	.0229	11.400	10.999

#1	.43393	2.2056	.00367	.89499	.07262	1.968	-.00243	2.4466
#2	.44097	2.3173	.00338	.88726	.07224	1.969	-.00207	2.0935

Sample Name: J5950-07LX5 Acquired: 11/15/2018 19:04:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1930
Stddev	.7452
%RSD	17.771

#1	3.6661
#2	4.7199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.5	50935.	5125.1	108.36	3727.0
Stddev	17.8	712.	21.5	1.14	10.8
%RSD	.47927	1.3986	.41903	1.0485	.28992

#1	3724.0	50431.	5140.3	107.55	3734.6
#2	3698.9	51439.	5109.9	109.16	3719.3

Sample Name: J5950-08 Acquired: 11/15/2018 19:08:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5950-07MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62309	1.9102	1.0173	1.6000	.08514	206.28	1.3593
Stddev	.00472	.0024	.0005	.0083	.00036	1.20	.0088
%RSD	.75814	.12537	.04672	.52183	.42436	.57952	.64491

#1	.62643	1.9119	1.0176	1.6059	.08540	205.44	1.3531
#2	.61974	1.9085	1.0169	1.5941	.08489	207.13	1.3655

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16956	.18137	54.756	.72343	.32555	.29284	359.27
Stddev	.00025	.00089	.571	.00003	.00020	.00127	3.84
%RSD	.14818	.48818	1.0427	.00347	.06261	.43280	1.0680

#1	.16938	.18200	54.352	.72345	.32569	.29373	356.56
#2	.16974	.18074	55.159	.72341	.32540	.29194	361.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6707	71.255	.74070	.05086	4.5427	.71581	.99793
Stddev	.0111	.593	.00206	.00022	.0445	.00077	.01350
%RSD	.41394	.83240	.27874	.43974	.97993	.10799	1.3530

#1	2.6629	70.836	.74216	.05070	4.5112	.71527	.98838
#2	2.6785	71.674	.73924	.05102	4.5741	.71636	1.0075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.210	.34650	.49942	2.4036	6.9217	.68428	3.7624
Stddev	.153	.00039	.00742	.0006	.0277	.00112	.0032
%RSD	.63021	.11248	1.4854	.02557	.40029	.16429	.08609

#1	24.102	.34678	.49417	2.4032	6.9021	.68508	3.7601
#2	24.318	.34623	.50466	2.4040	6.9413	.68349	3.7647

Sample Name: J5950-08 Acquired: 11/15/2018 19:08:57 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5950-07MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.50558	F 15.35	.08223	.13328	F<.00000
Stddev	.00063	.02	.00080	.12479	1.1825
%RSD	.12480	.1004	.97870	93.625	1.4302

#1	.50513	15.34	.08166	.04505	-83.515
#2	.50602	15.36	.08280	.22152	-81.843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4106.4	56448.	5879.4	103.27	3320.2
Stddev	13.9	249.	46.3	1.03	8.9
%RSD	.33879	.44126	.78827	.99486	.26696

#1	4096.6	56624.	5912.2	104.00	3313.9
#2	4116.3	56271.	5846.6	102.55	3326.4

Sample Name: J5950-09 Acquired: 11/15/2018 19:12:50 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5950-07MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62545	1.9148	1.0177	1.5991	.08418	206.50	1.3555
Stddev	.00563	.0020	.0043	.0035	.00216	.14	.0046
%RSD	.90013	.10253	.42688	.21989	2.5613	.06699	.34193

#1	.62147	1.9134	1.0147	1.5966	.08266	206.41	1.3588
#2	.62943	1.9162	1.0208	1.6016	.08571	206.60	1.3522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16903	.18144	54.492	.72864	.32675	.29861	357.83
Stddev	.00021	.00017	.567	.00296	.00019	.00411	1.40
%RSD	.12217	.09304	1.0402	.40588	.05799	1.3763	.39262

#1	.16918	.18132	54.892	.72655	.32688	.29570	358.82
#2	.16889	.18156	54.091	.73073	.32661	.30151	356.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6705	71.042	.74483	.05027	4.5454	.71951	.98870
Stddev	.0048	.223	.00072	.00049	.0193	.00167	.01131
%RSD	.18064	.31320	.09729	.97845	.42570	.23260	1.1439

#1	2.6671	71.199	.74431	.05061	4.5591	.71833	.99670
#2	2.6739	70.885	.74534	.04992	4.5317	.72069	.98070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.115	.34697	.49987	2.3991	6.8480	.68502	3.7631
Stddev	.193	.00261	.00107	.0087	.0587	.00126	.0110
%RSD	.79920	.75227	.21337	.36269	.85689	.18443	.29179

#1	24.252	.34512	.49912	2.4053	6.8895	.68592	3.7553
#2	23.979	.34881	.50062	2.3930	6.8065	.68413	3.7708

Sample Name: J5950-09 Acquired: 11/15/2018 19:12:50 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5950-07MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.50595	F 15.36	.08210	.13589	F<.00000
Stddev	.00185	.00	.00302	.08801	2.1580
%RSD	.36579	.0023	3.6745	64.765	2.6972

#1	.50464	15.36	.08424	.19812	-81.534
#2	.50725	15.36	.07997	.07366	-78.482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4091.6	56250.	5887.0	103.84	3316.3
Stddev	16.8	71.	56.0	1.10	2.9
%RSD	.41128	.12559	.95171	1.0569	.08833

#1	4103.5	56200.	5847.4	103.06	3318.4
#2	4079.7	56300.	5926.6	104.61	3314.2

Sample Name: CCV09 Acquired: 11/15/2018 19:16:43 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14200 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0086	5.1614	4.8913	5.1513	5.0409	10.298	10.318	.24880
Stddev	.0172	.0084	.0104	.0044	.0124	.061	.007	.00022
%RSD	.34381	.16317	.21366	.08607	.24701	.58933	.06548	.08907
#1	5.0208	5.1673	4.8987	5.1544	5.0497	10.341	10.323	.24864
#2	4.9964	5.1554	4.8839	5.1482	5.0321	10.255	10.313	.24895
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4730	26.609	1.0048	2.4552	1.2871	5.3359	2.5015	24.647
Stddev	.0061	.125	.0026	.0035	.0061	.1063	.0016	.138
%RSD	.24576	.46954	.25752	.14213	.47230	1.9926	.06342	.55953
#1	2.4773	26.520	1.0066	2.4577	1.2914	5.2607	2.5003	24.549
#2	2.4687	26.697	1.0030	2.4527	1.2828	5.4111	2.5026	24.744
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5296	1.2524	25.381	2.5695	2.5435	25.232	5.0072	5.2013
Stddev	.0022	.0041	.021	.0014	.0683	.021	.0158	.0300
%RSD	.08709	.32988	.08444	.05626	2.6860	.08308	.31544	.57644
#1	2.5311	1.2554	25.366	2.5684	2.4952	25.217	5.0184	5.2225
#2	2.5280	1.2495	25.397	2.5705	2.5918	25.247	4.9960	5.1801
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9869	5.2263	4.9278	5.0553	5.0987	5.142	5.3346	F 3.6736
Stddev	.0173	.0598	.0084	.0113	.0039	.014	.0114	.0765
%RSD	.34723	1.1440	.17003	.22385	.07571	.2641	.21395	2.0835
#1	4.9991	5.1840	4.9337	5.0633	5.0959	5.152	5.3265	3.6195
#2	4.9747	5.2685	4.9218	5.0473	5.1014	5.132	5.3427	3.7278

Sample Name: CCV09 Acquired: 11/15/2018 19:16:43 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14200 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1027
Stddev .1479
%RSD 4.7674

#1 2.9981
#2 3.2073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.2	47408.	4761.8	103.39	3541.1
Stddev	16.7	82.	19.0	2.65	10.1
%RSD	.48091	.17398	.39950	2.5660	.28526

#1	3463.4	47350.	4775.2	105.27	3534.0
#2	3487.0	47466.	4748.3	101.52	3548.2

Sample Name: CCB09 Acquired: 11/15/2018 19:20:29 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14200 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00071	-.00033	-.00013	.00194	-.00118	.00057
Stddev	.00175	.00025	.00079	.00152	.00202	.01253	.00022
%RSD	3002.1	34.800	242.53	1144.9	104.32	1060.5	38.323

#1	.00118	.00089	.00023	-.00121	.00337	.00768	.00073
#2	-.00129	.00054	-.00089	.00094	.00051	-.01004	.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00008	-.03322	-.00043	.00018	-.00088	.01067
Stddev	.00002	.00008	.03939	.00013	.00026	.00025	.01371
%RSD	1183.1	103.43	118.57	29.912	143.65	28.758	128.56

#1	.00002	-.00002	-.00537	-.00034	.00037	-.00105	.02036
#2	-.00002	-.00013	-.06108	-.00052	-.00000	-.00070	.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00634	.00016	-.00026	-.24626	-.00049	-.00053
Stddev	.00002	.00109	.00049	.00028	.00446	.00016	.00004
%RSD	7.0463	17.140	301.80	106.81	1.8116	33.454	6.9885

#1	-.00028	-.00557	.00051	-.00006	-.24942	-.00037	-.00051
#2	-.00025	-.00711	-.00018	-.00045	-.24311	-.00061	-.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15037	.00031	.00945	-.00614	.00702	.00104	.00143
Stddev	.00885	.00025	.00603	.00115	.00129	.00107	.00166
%RSD	5.8878	82.521	63.761	18.766	18.431	102.76	116.05

#1	-.14411	.00049	.00519	-.00695	.00610	.00180	.00261
#2	-.15663	.00013	.01371	-.00532	.00793	.00028	.00026

Sample Name: CCB09 Acquired: 11/15/2018 19:20:29 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14200 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00484	.0028	-.00001	F 2.2292	F<.00000
Stddev	.00074	.0018	.00006	.0430	.63361
%RSD	15.353	63.72	890.88	1.9268	88.497

#1	-.00537	.0015	-.00005	2.2596	-1.1640
#2	-.00432	.0041	.00004	2.1989	-.26794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.5	50553.	4862.8	110.16	4019.3
Stddev	6.1	32.	1.6	3.24	8.2
%RSD	.16887	.06340	.03298	2.9420	.20280

#1	3620.2	50576.	4861.7	112.45	4013.6
#2	3628.9	50531.	4864.0	107.87	4025.1

Sample Name: J5950-07A Acquired: 11/15/2018 19:24:35 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7700 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62466	1.9027	1.0040	1.5953	.08332	203.75	1.3509
Stddev	.00316	.0068	.0035	.0068	.00212	.38	.0026
%RSD	.50520	.35865	.34623	.42370	2.5415	.18545	.19482

#1	.62689	1.8979	1.0065	1.5905	.08182	204.01	1.3528
#2	.62243	1.9076	1.0015	1.6000	.08482	203.48	1.3491

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16721	.17830	54.260	.71789	.32284	.29056	364.35
Stddev	.00012	.00064	.431	.00001	.00082	.00456	9.97
%RSD	.07373	.35901	.79518	.00111	.25464	1.5689	2.7374

#1	.16713	.17876	53.955	.71789	.32226	.29378	357.29
#2	.16730	.17785	54.566	.71788	.32342	.28734	371.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6376	70.853	.73966	.05039	4.5373	.71432	.99870
Stddev	.0068	.186	.00489	.00150	.0028	.00203	.03613
%RSD	.25737	.26300	.66170	2.9834	.06118	.28447	3.6181

#1	2.6328	70.721	.73620	.04933	4.5392	.71289	.97314
#2	2.6424	70.985	.74312	.05146	4.5353	.71576	1.0242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.053	.34385	.51702	2.3875	6.8065	.68145	3.7472
Stddev	.028	.00102	.01325	.0069	.0967	.00198	.0089
%RSD	.11627	.29795	2.5637	.29019	1.4206	.29116	.23780

#1	24.073	.34313	.50765	2.3826	6.7382	.68004	3.7409
#2	24.033	.34458	.52639	2.3924	6.8749	.68285	3.7535

Sample Name: J5950-07A Acquired: 11/15/2018 19:24:35 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7700 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.50114	F 15.26	.07074	.12477	F<.00000
Stddev	.00306	.00	.00793	.13995	.08352
%RSD	.61038	.0235	11.213	112.16	.10486

#1	.49897	15.26	.07635	.02581	-79.596
#2	.50330	15.26	.06514	.22373	-79.714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4118.3	56737.	5881.0	102.16	3332.6
Stddev	1.0	79.	44.0	3.48	2.2
%RSD	.02453	.13941	.74815	3.4055	.06670

#1	4119.0	56793.	5912.1	104.62	3331.0
#2	4117.6	56681.	5849.9	99.704	3334.2

Sample Name: J5950-10 Acquired: 11/15/2018 19:28:29 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-FD-11132 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02072	-.01002	.08004	.05573	.00716	182.14	1.2558
Stddev	.00093	.00445	.00081	.00030	.00129	.58	.0225
%RSD	4.4998	44.375	1.0165	.54359	18.061	.31662	1.7915

#1	.02138	-.01316	.07947	.05551	.00808	181.74	1.2399
#2	.02006	-.00687	.08062	.05594	.00625	182.55	1.2717

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	-.00834	60.422	.33403	.10004	.00515	290.99
Stddev	.00018	.00052	1.124	.00040	.00002	.00440	5.01
%RSD	2.5888	6.2647	1.8603	.11933	.01767	85.452	1.7205

#1	.00703	-.00797	59.627	.33431	.10003	.00826	287.45
#2	.00678	-.00871	61.217	.33375	.10005	.00204	294.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4422	63.844	.18406	-.00551	2.0257	.35505	.73732
Stddev	.0021	1.255	.00037	.00094	.0259	.00078	.01020
%RSD	.08739	1.9661	.20040	17.089	1.2800	.21940	1.3836

#1	2.4437	62.956	.18432	-.00618	2.0073	.35560	.73010
#2	2.4407	64.731	.18380	-.00485	2.0440	.35450	.74453

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.478	.03278	.27663	2.4665	3.6256	.01397	3.5704
Stddev	.189	.00043	.00747	.0062	.1290	.00021	.0610
%RSD	1.4029	1.3252	2.7020	.25136	3.5572	1.4744	1.7096

#1	13.344	.03247	.27134	2.4621	3.5344	.01382	3.5273
#2	13.611	.03309	.28191	2.4708	3.7168	.01411	3.6136

Sample Name: J5950-10 Acquired: 11/15/2018 19:28:29 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-FD-11132 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32826	8.766	-.14003	.53020	F<.00000
Stddev	.00592	.016	.00262	.01585	.45463
%RSD	1.8048	.1793	1.8684	2.9889	.87631

#1	.32407	8.777	-.13818	.51900	-51.559
#2	.33245	8.755	-.14188	.54141	-52.202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4006.6	55246.	5651.4	101.71	3404.7
Stddev	1.6	1.	80.7	1.48	6.1
%RSD	.03902	.00263	1.4274	1.4510	.18043

#1	4007.7	55247.	5708.4	102.75	3409.0
#2	4005.5	55245.	5594.4	100.66	3400.3

Sample Name: J5950-12 Acquired: 11/15/2018 19:32:27 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01900	-.04686	-.12120	.13731	.01397	325.36	3.0400
Stddev	.00176	.00173	.00080	.01128	.00037	.01	.0176
%RSD	9.2874	3.6858	.66103	8.2148	2.6275	.00251	.57933

#1	-.02025	-.04564	-.12064	.12934	.01371	325.36	3.0524
#2	-.01775	-.04808	-.12177	.14529	.01422	325.37	3.0275

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00920	-.01477	76.837	.93288	.32873	-.37984	711.66
Stddev	.00005	.00118	.217	.01112	.00010	.00675	9.00
%RSD	.55566	8.0209	.28217	1.1918	.02956	1.7782	1.2646

#1	.00916	-.01393	76.990	.92501	.32880	-.37507	705.30
#2	.00924	-.01561	76.683	.94074	.32866	-.38462	718.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9805	224.82	.52627	-.00821	13.557	.98739	1.8255
Stddev	.0648	.14	.00054	.00056	.067	.00594	.0323
%RSD	.92810	.06204	.10333	6.7991	.49258	.60148	1.7675

#1	6.9347	224.92	.52589	-.00861	13.604	.98319	1.8027
#2	7.0263	224.72	.52666	-.00782	13.510	.99159	1.8483

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	122.73	.01457	.67988	.89089	4.6561	.02142	F 24.170
Stddev	.37	.00020	.02889	.00905	.0312	.00249	.110
%RSD	.30046	1.3736	4.2498	1.0162	.66892	11.622	.45649

#1	122.99	.01442	.65945	.88449	4.6781	.02318	24.248
#2	122.47	.01471	.70031	.89729	4.6340	.01966	24.092

Sample Name: J5950-12 Acquired: 11/15/2018 19:32:27 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-15 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34709	F 27.70	-.54573	<.00000	F<.00000
Stddev	.00111	.01	.01100	.06321	1.1277
%RSD	.31878	.0340	2.0162	7.8984	.55636

#1	.34787	27.71	-.53795	-.84503	-201.89
#2	.34631	27.70	-.55351	-.75564	-203.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.8	55626.	5984.9	95.262	2977.9
Stddev	1.1	366.	13.2	1.786	1.3
%RSD	.02710	.65840	.22125	1.8746	.04325

#1	4070.0	55885.	5994.3	96.525	2977.0
#2	4071.6	55367.	5975.6	93.999	2978.8

Sample Name: J5950-14 Acquired: 11/15/2018 19:36:31 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSI-08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03947	-.01288	.10272	.08969	.01251	205.16	.51361
Stddev	.00049	.00021	.00109	.00059	.00307	3.86	.00132
%RSD	1.2404	1.6638	1.0579	.65620	24.571	1.8824	.25677

#1	.03912	-.01303	.10195	.09011	.01033	207.89	.51454
#2	.03981	-.01272	.10349	.08928	.01468	202.43	.51268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00875	-.01275	16.905	.24665	.16634	.16717	471.58
Stddev	.00018	.00020	.095	.00931	.00020	.00286	2.18
%RSD	2.0826	1.5623	.56238	3.7731	.11825	1.7094	.46300

#1	.00888	-.01289	16.972	.25323	.16648	.16515	473.12
#2	.00862	-.01260	16.837	.24007	.16620	.16919	470.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5225	80.177	.33100	-.00832	.61599	.34345	1.1894
Stddev	.1079	.028	.00146	.00145	.00310	.01133	.0082
%RSD	1.4344	.03430	.44156	17.432	.50393	3.2995	.68706

#1	7.5988	80.157	.32997	-.00935	.61380	.35146	1.1952
#2	7.4461	80.196	.33203	-.00729	.61819	.33543	1.1836

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.494	.00124	.43938	.79035	3.9607	.01754	3.2646
Stddev	.118	.00033	.00409	.00010	.0263	.00076	.0066
%RSD	.63612	26.411	.93033	.01241	.66519	4.3219	.20053

#1	18.578	.00147	.43649	.79042	3.9793	.01808	3.2600
#2	18.411	.00101	.44228	.79028	3.9421	.01700	3.2693

Sample Name: J5950-14 Acquired: 11/15/2018 19:36:31 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSI-08 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34424	7.464	-.45266	<.00000	F<.00000
Stddev	.00122	.008	.00190	.17693	2.4640
%RSD	.35362	.1128	.42003	75.847	2.1180

#1	.34338	7.458	-.45401	-.10817	-118.08
#2	.34511	7.470	-.45132	-.35839	-114.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4100.8	55772.	5825.8	101.10	3352.5
Stddev	2.6	896.	24.4	.80	1.9
%RSD	.06347	1.6074	.41853	.79102	.05624

#1	4102.6	55138.	5808.6	100.53	3351.1
#2	4098.9	56406.	5843.1	101.66	3353.8

Sample Name: J5767-10 Acquired: 11/15/2018 19:40:35 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00408	.29918	.00146	.00236	.15480	.13172	.00002
Stddev	.00062	.00154	.00153	.00196	.00035	.01708	.00028	.00005
%RSD	230.85	37.849	.50992	134.44	14.849	11.033	.21186	207.79

#1	.00071	-.00517	.30026	.00284	.00212	.14273	.13192	-.00001
#2	-.00017	-.00299	.29810	.00007	.00261	.16688	.13152	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	34.683	-.00091	.00609	.02579	.87340	.99082	1.3698
Stddev	.00003	.127	.00020	.00008	.00025	.00438	.00739	.0132
%RSD	8.9598	.36697	21.662	1.3746	.96802	.50159	.74573	.96270

#1	.00036	34.773	-.00105	.00615	.02561	.87030	.98559	1.3604
#2	.00040	34.593	-.00077	.00603	.02596	.87650	.99604	1.3791

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00487	-.00079	342.91	.00006	.06197	1.2031	.00026	.01252
Stddev	.00002	.00005	3.92	.00033	.00101	.0556	.00017	.00767
%RSD	.45549	5.9098	1.1427	597.15	1.6303	4.6253	67.477	61.292

#1	.00486	-.00082	345.68	-.00018	.06268	1.1638	.00013	.01794
#2	.00489	-.00075	340.14	.00029	.06125	1.2425	.00038	.00709

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38685	1.3885	.00252	.00369	-.00267	.0076	.12165	3.8248
Stddev	.00401	.0273	.00015	.00337	.00077	.0001	.00079	.1737
%RSD	1.0360	1.9663	5.9092	91.300	28.669	.7425	.64704	4.5417

#1	.38968	1.4078	.00242	.00607	-.00213	.0077	.12221	3.7020
#2	.38402	1.3692	.00263	.00131	-.00322	.0076	.12109	3.9477

Sample Name: J5767-10 Acquired: 11/15/2018 19:40:35 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8280
Stddev 1.0045
%RSD 35.520

#1 2.1177
#2 3.5382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.3	45896.	4777.2	105.42	3446.4
Stddev	2.4	167.	48.0	1.63	1.8
%RSD	.07137	.36447	1.0042	1.5428	.05113

#1	3416.0	46015.	4743.3	104.27	3445.2
#2	3412.6	45778.	4811.2	106.57	3447.7

Sample Name: J5767-10DUP Acquired: 11/15/2018 19:44:44 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00311	.29960	.00170	.00325	.16615	.13194	.00009
Stddev	.00187	.00020	.00091	.00522	.00045	.01087	.00056	.00003
%RSD	122.56	6.5075	.30509	306.74	13.862	6.5396	.42667	34.993

#1	-.00020	-.00297	.30024	.00539	.00293	.17384	.13154	.00006
#2	-.00284	-.00325	.29895	-.00199	.00357	.15847	.13234	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	34.306	-.00017	.00625	.02567	.85848	.99308	1.3988
Stddev	.00001	.099	.00009	.00016	.00085	.00070	.02008	.0241
%RSD	3.0199	.28786	53.062	2.5492	3.2975	.08139	2.0218	1.7204

#1	.00034	34.376	-.00011	.00614	.02507	.85798	1.0073	1.3818
#2	.00032	34.236	-.00024	.00637	.02627	.85897	.97888	1.4158

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00488	-.00018	339.39	.00009	.06133	1.2710	-.00009	.01704
Stddev	.00010	.00030	.25	.00030	.00138	.0049	.00016	.00771
%RSD	2.1233	165.70	.07357	344.95	2.2432	.38236	185.41	45.236

#1	.00481	.00003	339.21	.00030	.06231	1.2745	-.00020	.02250
#2	.00495	-.00039	339.57	-.00013	.06036	1.2676	.00003	.01159

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38743	1.3645	.00296	.00276	-.00012	.0101	.12048	3.7983
Stddev	.00048	.0020	.00014	.00016	.00072	.0003	.00038	.2861
%RSD	.12447	.14465	4.8664	5.9499	577.44	2.764	.31200	7.5323

#1	.38709	1.3659	.00286	.00265	.00038	.0103	.12021	4.0006
#2	.38777	1.3631	.00306	.00288	-.00063	.0099	.12075	3.5960

Sample Name: J5767-10DUP Acquired: 11/15/2018 19:44:44 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6230
Stddev	.3114
%RSD	11.872

#1	2.8432
#2	2.4028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.4	45722.	4805.4	106.81	3434.1
Stddev	7.8	796.	7.7	2.54	7.9
%RSD	.22797	1.7420	.16026	2.3777	.22997

#1	3402.9	45159.	4800.0	105.02	3428.5
#2	3413.9	46285.	4810.9	108.61	3439.6

Sample Name: J5767-10LX5 Acquired: 11/15/2018 19:48:52 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7700 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00164	.06032	-.00019	.00150	.01637	.02824	.00007
Stddev	.00274	.00058	.00110	.00082	.00098	.00348	.00064	.00003
%RSD	1207.9	35.530	1.8201	422.48	65.369	21.259	2.2717	48.073

#1	.00216	-.00205	.05954	.00038	.00081	.01391	.02778	.00009
#2	-.00171	-.00123	.06109	-.00077	.00219	.01884	.02869	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	7.1157	-.00036	.00125	.00466	.18068	.20513	.27599
Stddev	.00014	.0704	.00010	.00003	.00065	.00471	.00012	.00938
%RSD	832.94	.98876	28.000	2.4363	14.021	2.6075	.05910	3.4001

#1	.00011	7.0659	-.00029	.00123	.00420	.17735	.20504	.28263
#2	-.00008	7.1654	-.00043	.00127	.00512	.18401	.20521	.26936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00044	72.603	-.00009	.01242	.28372	-.00016	-.00204
Stddev	.00014	.00028	.447	.00019	.00001	.00784	.00003	.00582
%RSD	14.605	63.240	.61508	208.95	.09451	2.7636	20.058	285.54

#1	.00084	-.00024	72.287	-.00022	.01241	.27817	-.00013	-.00615
#2	.00103	-.00064	72.919	.00004	.01243	.28926	-.00018	.00208

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06935	.30450	.00040	.00089	.00305	.0042	.02512	3.0383
Stddev	.00297	.00698	.00073	.00160	.00168	.0020	.00029	.0116
%RSD	4.2793	2.2935	179.90	180.08	55.041	46.45	1.1461	.38026

#1	.06725	.29956	.00092	.00201	.00186	.0056	.02491	3.0301
#2	.07144	.30944	-.00011	-.00024	.00424	.0028	.02532	3.0465

Sample Name: J5767-10LX5 Acquired: 11/15/2018 19:48:52 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7700 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1451
 Stddev .1510
 %RSD 13.183

#1 1.0383
 #2 1.2518

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.3	48035.	4728.0	108.16	3744.8
Stddev	1.8	132.	21.2	.40	4.1
%RSD	.05118	.27503	.44751	.36681	.10879

#1	3568.6	47942.	4743.0	107.88	3747.7
#2	3566.0	48129.	4713.1	108.44	3741.9

Sample Name: J5767-10MS Acquired: 11/15/2018 19:52:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 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	.76879	1.8927	1.2337	1.9980	.77309	2.2233	.35003	.19554	.19226
Stddev	.00710	.0015	.0011	.0005	.00334	.0152	.00039	.00115	.00028
%RSD	.92341	.07885	.09038	.02316	.43244	.68540	.11202	.58577	.14791

#1	.77381	1.8937	1.2344	1.9977	.77545	2.2341	.35030	.19473	.19246
#2	.76377	1.8916	1.2329	1.9983	.77072	2.2126	.34975	.19635	.19206

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.540	.40582	.20005	.32447	4.0884	1.2567	3.3867	.50368	.07065
Stddev	.150	.00239	.00025	.00134	.0093	.0039	.0523	.00143	.00102
%RSD	.38844	.58808	.12248	.41344	.22811	.30854	1.5433	.28375	1.4503

#1	38.434	.40413	.19987	.32542	4.0818	1.2540	3.3497	.50469	.06993
#2	38.646	.40751	.20022	.32353	4.0949	1.2595	3.4237	.50267	.07138

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	376.50	.31899	.26080	11.980	.40934	.32061	.40784	2.4057	.67981
Stddev	1.81	.00151	.00185	.020	.00119	.00219	.00544	.0019	.00007
%RSD	.48000	.47382	.71069	.16454	.29152	.68433	1.3343	.07673	.00990

#1	375.22	.31792	.25949	11.966	.41019	.32216	.40399	2.4044	.67977
#2	377.78	.32006	.26211	11.994	.40850	.31906	.41168	2.4070	.67986

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20707	.21478	6.147	.33566	3.9377	2.7285
Stddev	.00245	.00230	.002	.00061	.0999	1.4354
%RSD	1.1837	1.0725	.0355	.18291	2.5364	52.607

#1	.20534	.21315	6.149	.33609	3.8671	1.7135
#2	.20880	.21641	6.146	.33522	4.0084	3.7434

Sample Name: J5767-10MS Acquired: 11/15/2018 19:52:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.2	45452.	4628.3	101.88	3377.7
Stddev	19.5	106.	10.5	.31	12.4
%RSD	.57995	.23413	.22636	.30669	.36566
#1	3351.4	45527.	4635.7	102.10	3368.9
#2	3379.0	45376.	4620.9	101.66	3386.4

Sample Name: J5767-10MSD Acquired: 11/15/2018 19:56:54 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 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	.77427	1.9070	1.2397	1.9949	.77517	2.2206	.35100	.19548	.19316
Stddev	.00437	.0006	.0006	.0014	.00329	.0123	.00123	.00013	.00016
%RSD	.56406	.03392	.04638	.06907	.42447	.55377	.34901	.06649	.08227
#1	.77118	1.9065	1.2401	1.9959	.77284	2.2119	.35187	.19557	.19328
#2	.77736	1.9074	1.2393	1.9939	.77749	2.2293	.35014	.19539	.19305
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.776	.40713	.20049	.32423	4.0689	1.2613	3.4479	.50608	.06988
Stddev	.223	.00069	.00018	.00005	.0120	.0004	.0113	.00212	.00005
%RSD	.57529	.16926	.08866	.01512	.29563	.03551	.32638	.41930	.06961
#1	38.618	.40664	.20062	.32426	4.0604	1.2616	3.4558	.50458	.06984
#2	38.934	.40762	.20036	.32420	4.0774	1.2610	3.4399	.50758	.06991
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	374.63	.32060	.25936	12.117	.41045	.32106	.40437	2.4469	.68004
Stddev	1.32	.00065	.00293	.007	.00069	.00267	.00415	.0150	.00119
%RSD	.35191	.20262	1.1310	.05757	.16905	.83106	1.0261	.61415	.17546
#1	375.56	.32106	.26144	12.122	.41094	.31917	.40731	2.4576	.68089
#2	373.69	.32014	.25729	12.112	.40996	.32295	.40144	2.4363	.67920
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20420	.22249	6.146	.33566	3.8436	2.2961			
Stddev	.00510	.00002	.004	.00051	.0078	.5133			
%RSD	2.4961	.01071	.0621	.15183	.20215	22.356			
#1	.20059	.22250	6.149	.33602	3.8491	2.6591			
#2	.20780	.22247	6.143	.33529	3.8381	1.9331			

Sample Name: J5767-10MSD Acquired: 11/15/2018 19:56:54 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 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	3383.0	45516.	4627.4	103.58	3391.4
Stddev	3.0	160.	27.9	1.16	1.9
%RSD	.08812	.35175	.60210	1.1184	.05508
#1	3380.9	45403.	4607.7	102.77	3390.1
#2	3385.1	45629.	4647.1	104.40	3392.7

Sample Name: J5767-10A Acquired: 11/15/2018 20:00:51 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7698 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	.78027	1.9340	1.2536	2.0204	.78600	2.2084	.34951	.19490	.19545
Stddev	.02054	.0484	.0340	.0534	.02097	.0071	.00321	.00074	.00541
%RSD	2.6323	2.5040	2.7094	2.6457	2.6679	.32350	.91731	.38035	2.7662

#1	.76575	1.8997	1.2296	1.9826	.77117	2.2034	.35178	.19542	.19163
#2	.79480	1.9682	1.2776	2.0582	.80082	2.2135	.34724	.19437	.19927

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.777	.40366	.20260	.33001	4.0559	1.2582	3.4109	.51221	.07066
Stddev	.307	.00294	.00493	.00722	.0344	.0007	.0023	.01442	.00073
%RSD	.79238	.72904	2.4327	2.1881	.84713	.05297	.06855	2.8144	1.0357

#1	38.994	.40574	.19912	.32490	4.0802	1.2587	3.4125	.50201	.07117
#2	38.560	.40158	.20609	.33512	4.0316	1.2577	3.4092	.52240	.07014

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	375.81	.31884	.25938	12.121	.41642	.32514	.40872	2.4226	.68757
Stddev	3.50	.00212	.00202	.017	.01033	.00704	.01804	.0145	.01875
%RSD	.93142	.66469	.77781	.13700	2.4807	2.1650	4.4134	.59874	2.7267

#1	378.29	.32034	.26081	12.133	.40911	.32016	.39597	2.4329	.67431
#2	373.34	.31734	.25795	12.110	.42372	.33011	.42148	2.4124	.70082

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20524	.22056	6.254	.33537	4.0799	2.6830
Stddev	.00164	.00246	.159	.00365	.0290	.6295
%RSD	.79807	1.1170	2.539	1.0898	.71189	23.463

#1	.20640	.22230	6.142	.33795	4.1005	3.1281
#2	.20408	.21882	6.366	.33278	4.0594	2.2379

Sample Name: J5767-10A Acquired: 11/15/2018 20:00:51 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7698 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	3341.0	45439.	4634.1	103.50	3355.4
Stddev	49.8	21.	18.3	1.94	55.4
%RSD	1.4909	.04531	.39564	1.8734	1.6521
#1	3376.2	45425.	4621.2	102.13	3394.6
#2	3305.7	45454.	4647.1	104.87	3316.2

Sample Name: CCV10 Acquired: 11/15/2018 20:04:47 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14202 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8369	5.1125	4.7452	5.0137	4.8591	9.8778	10.083	.24176
Stddev	.0257	.0024	.0032	.0157	.0135	.0347	.044	.00061
%RSD	.53076	.04610	.06779	.31273	.27844	.35102	.44019	.25315
#1	4.8551	5.1141	4.7429	5.0248	4.8687	9.9023	10.051	.24133
#2	4.8188	5.1108	4.7474	5.0026	4.8495	9.8532	10.114	.24219
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4265	26.334	.99727	2.3948	1.2666	5.2764	2.4355	24.333
Stddev	.0002	.044	.00276	.0027	.0006	.0258	.0028	.118
%RSD	.00825	.16830	.27648	.11424	.04915	.48827	.11587	.48538
#1	2.4264	26.303	.99532	2.3967	1.2662	5.2946	2.4335	24.249
#2	2.4267	26.365	.99922	2.3929	1.2670	5.2582	2.4375	24.416
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5038	1.2340	25.287	2.5614	2.5060	25.040	4.8889	5.1712
Stddev	.0019	.0022	.164	.0036	.0080	.125	.0204	.0166
%RSD	.07590	.17805	.64788	.13860	.32105	.50116	.41744	.32143
#1	2.5025	1.2324	25.172	2.5589	2.5117	24.951	4.9033	5.1594
#2	2.5052	1.2356	25.403	2.5639	2.5003	25.129	4.8745	5.1829
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8149	5.2153	4.8427	4.9734	5.0486	5.058	5.1965	F 3.4044
Stddev	.0036	.0029	.0012	.0092	.0238	.012	.0187	.1299
%RSD	.07498	.05606	.02402	.18414	.47085	.2344	.35945	3.8166
#1	4.8175	5.2132	4.8435	4.9669	5.0318	5.050	5.1833	3.4963
#2	4.8124	5.2173	4.8419	4.9799	5.0654	5.067	5.2097	3.3126

Sample Name: CCV10 Acquired: 11/15/2018 20:04:47 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14202 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4464
Stddev .3004
%RSD 12.281

#1 2.2340
#2 2.6589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.0	47782.	4657.8	101.85	3554.8
Stddev	14.2	109.	4.2	.35	1.7
%RSD	.40402	.22850	.09047	.34799	.04748

#1	3501.0	47705.	4660.8	101.60	3553.6
#2	3521.0	47859.	4654.9	102.10	3555.9

Sample Name: CCB10 Acquired: 11/15/2018 20:08:33 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14202 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	.00043	-.00043	.00039	.00538	-.01604	.00099
Stddev	.00085	.00028	.00072	.00056	.00110	.00205	.00047
%RSD	33.656	65.409	165.66	142.06	20.389	12.786	47.097

#1	.00313	.00063	.00007	-.00000	.00615	-.01749	.00066
#2	.00193	.00023	-.00094	.00079	.00460	-.01459	.00132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00009	-.03081	-.00018	.00026	-.00077	.00761
Stddev	.00001	.00003	.00179	.00051	.00003	.00042	.01037
%RSD	41.093	31.073	5.8238	277.80	10.267	53.756	136.16

#1	.00003	-.00011	-.03208	.00018	.00024	-.00048	.00028
#2	.00002	-.00007	-.02954	-.00054	.00027	-.00107	.01494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	-.03792	.00014	-.00012	-.06498	-.00038	-.00070
Stddev	.00001	.01514	.00001	.00057	.00664	.00062	.00000
%RSD	2.2278	39.922	9.0335	486.40	10.224	161.98	.28914

#1	-.00023	-.02722	.00013	-.00052	-.06028	-.00082	-.00070
#2	-.00022	-.04863	.00014	.00029	-.06967	.00006	-.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05242	.00027	.00940	-.00538	.00779	.00072	.00156
Stddev	.03525	.00015	.01074	.00097	.00005	.00155	.00065
%RSD	67.249	55.662	114.24	18.112	.63823	214.82	41.593

#1	-.02749	.00038	.01700	-.00469	.00783	.00181	.00202
#2	-.07735	.00017	.00181	-.00606	.00776	-.00037	.00110

Sample Name: CCB10 Acquired: 11/15/2018 20:08:33 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14202 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00199	.0038	.00011	F 2.1802	F<.00000
Stddev	.00260	.0010	.00011	.1125	.53838
%RSD	130.77	25.69	97.856	5.1615	452.14

#1	.00382	.0031	.00019	2.1007	.26162
#2	.00015	.0045	.00004	2.2598	-.49977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.4	50094.	4698.7	107.88	4008.6
Stddev	44.8	106.	15.2	.57	11.2
%RSD	1.2278	.21106	.32349	.52983	.27875

#1	3683.1	50019.	4709.4	108.28	4016.5
#2	3619.7	50169.	4687.9	107.48	4000.7

Sample Name: J5767-12 Acquired: 11/15/2018 20:12:38 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00377	.03759	.00439	.00003	.17914	.13883	.00010
Stddev	.00114	.00055	.00058	.00326	.00003	.00022	.00017	.00007
%RSD	318.73	14.489	1.5347	74.385	113.64	.12379	.12469	67.712

#1	.00117	-.00416	.03718	.00669	.00005	.17930	.13871	.00015
#2	-.00045	-.00338	.03799	.00208	.00001	.17898	.13895	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	35.497	.00016	.00559	.00840	.46388	.93227	1.5490
Stddev	.00001	.306	.00005	.00007	.00055	.01153	.00014	.0087
%RSD	4.3655	.86281	30.084	1.2405	6.5961	2.4863	.01481	.56248

#1	.00016	35.281	.00019	.00554	.00801	.47204	.93237	1.5428
#2	.00017	35.714	.00012	.00563	.00879	.45573	.93218	1.5552

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	-.00005	350.57	.00007	.04339	.89846	.00021	.01526
Stddev	.00011	.00019	1.27	.00008	.00056	.05082	.00024	.01224
%RSD	2.5162	408.19	.36162	109.85	1.2872	5.6559	113.94	80.234

#1	.00432	.00009	351.47	.00002	.04379	.86253	.00004	.00660
#2	.00448	-.00018	349.68	.00013	.04300	.93440	.00038	.02392

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48644	1.5785	.00256	.00253	.00471	.0103	.12005	3.7920
Stddev	.00013	.0205	.00028	.00183	.00184	.0005	.00068	.0843
%RSD	.02661	1.3003	10.932	72.265	39.096	5.342	.56853	2.2234

#1	.48635	1.5930	.00236	.00124	.00340	.0107	.11956	3.7324
#2	.48653	1.5639	.00276	.00382	.00601	.0099	.12053	3.8517

Sample Name: J5767-12 Acquired: 11/15/2018 20:12:38 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.9534
Stddev	.5619
%RSD	19.027

#1	2.5560
#2	3.3508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.6	45548.	4657.5	101.15	3420.7
Stddev	15.1	67.	34.7	1.16	6.1
%RSD	.44483	.14764	.74475	1.1476	.17740

#1	3388.0	45500.	4633.0	100.33	3416.5
#2	3409.3	45595.	4682.1	101.98	3425.0

Sample Name: J5767-14 Acquired: 11/15/2018 20:16:48 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00277	.02027	.00423	.00024	.13857	.15957	-.00002
Stddev	.00091	.00139	.00026	.00153	.00262	.00943	.00125	.00003
%RSD	98.258	50.065	1.3010	36.241	1077.1	6.8043	.78465	161.44

#1	-.00028	-.00179	.02045	.00315	.00209	.13190	.16046	.00000
#2	-.00158	-.00375	.02008	.00531	-.00161	.14523	.15869	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	55.457	-.00014	.00511	.00556	.02657	.90716	4.0242
Stddev	.00005	.038	.00000	.00000	.00037	.00710	.00905	.0296
%RSD	25.613	.06789	2.0270	.08289	6.7350	26.714	.99793	.73684

#1	.00023	55.484	-.00014	.00511	.00583	.03159	.91356	4.0452
#2	.00016	55.431	-.00014	.00510	.00530	.02155	.90076	4.0033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	-.00024	392.59	.00016	.03535	1.3679	-.00010	.01488
Stddev	.00008	.00029	4.66	.00018	.00090	.0158	.00005	.00374
%RSD	1.9165	118.19	1.1863	107.49	2.5323	1.1550	44.347	25.142

#1	.00412	-.00045	395.89	.00004	.03598	1.3567	-.00013	.01223
#2	.00423	-.00004	389.30	.00029	.03471	1.3791	-.00007	.01752

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66608	1.8610	.00342	.00289	.00954	.0106	.19473	3.7241
Stddev	.00031	.0004	.00069	.00099	.00169	.0002	.00067	.1380
%RSD	.04618	.02283	20.172	34.342	17.722	2.340	.34227	3.7065

#1	.66587	1.8613	.00293	.00219	.00834	.0108	.19520	3.8217
#2	.66630	1.8607	.00391	.00359	.01073	.0105	.19426	3.6265

Sample Name: J5767-14 Acquired: 11/15/2018 20:16:48 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7215
 Stddev .5636
 %RSD 15.145

#1 3.3229
 #2 4.1200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.1	46044.	4691.4	105.74	3405.9
Stddev	13.7	454.	30.3	2.58	8.8
%RSD	.40128	.98504	.64523	2.4373	.25928

#1	3413.8	45724.	4670.0	103.92	3412.1
#2	3394.5	46365.	4712.8	107.57	3399.6

Sample Name: J5767-16 Acquired: 11/15/2018 20:20:58 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00361	.01294	.00557	.00171	.14286	.16102	.00005
Stddev	.00013	.00073	.00033	.00341	.00169	.01304	.00051	.00007
%RSD	15.733	20.273	2.5315	61.270	99.162	9.1248	.31515	124.83

#1	-.00092	-.00413	.01317	.00316	.00051	.13364	.16137	.00001
#2	-.00074	-.00310	.01271	.00798	.00290	.15208	.16066	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	65.647	.00008	.00121	.00557	-.00479	.64870	4.1973
Stddev	.00011	.184	.00047	.00029	.00086	.00742	.00014	.0340
%RSD	27.899	.28011	573.30	23.714	15.476	154.87	.02152	.80950

#1	.00033	65.517	.00042	.00141	.00496	.00046	.64860	4.2213
#2	.00049	65.777	-.00025	.00101	.00618	-.01004	.64880	4.1732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00384	-.00062	366.48	-.00004	.03705	1.2487	.00019	.01338
Stddev	.00072	.00023	2.54	.00036	.00118	.0113	.00030	.01119
%RSD	18.705	37.035	.69434	889.80	3.1783	.90204	154.20	83.612

#1	.00333	-.00046	368.28	.00021	.03622	1.2566	.00040	.02129
#2	.00435	-.00079	364.68	-.00030	.03788	1.2407	-.00002	.00547

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92377	2.9870	.00272	.00209	.01177	.0087	.24855	4.1067
Stddev	.00535	.0063	.00046	.00001	.00211	.0005	.00087	.0109
%RSD	.57871	.20984	16.774	.31664	17.932	5.739	.35183	.26635

#1	.92755	2.9825	.00240	.00208	.01027	.0084	.24793	4.0990
#2	.91999	2.9914	.00304	.00209	.01326	.0091	.24917	4.1145

Sample Name: J5767-16 Acquired: 11/15/2018 20:20:58 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-111418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6847
 Stddev .4179
 %RSD 11.342

#1 3.9802
 #2 3.3892

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3351.5	44982.	4599.8	101.79	3358.2
Stddev	9.3	85.	15.0	2.47	9.1
%RSD	.27845	.18905	.32520	2.4242	.26979

#1	3344.9	44922.	4610.4	103.53	3351.8
#2	3358.1	45042.	4589.2	100.04	3364.6

Sample Name: J5942-04 Acquired: 11/15/2018 20:25:08 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-D1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00102	-.00353	.02750	.00225	.00074	.08004	.14999	-.00007
Stddev	.00022	.00024	.00109	.00437	.00014	.00578	.00205	.00004
%RSD	21.950	6.8879	3.9747	194.47	18.458	7.2161	1.3676	60.435

#1	-.00118	-.00336	.02673	.00533	.00083	.07596	.15144	-.00010
#2	-.00086	-.00370	.02828	-.00084	.00064	.08413	.14854	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	31.626	-.00028	.00220	.00815	.03950	.27327	1.1038
Stddev	.00010	.049	.00007	.00010	.00031	.01228	.00083	.0185
%RSD	83.752	.15640	25.576	4.4112	3.7605	31.092	.30522	1.6721

#1	.00018	31.661	-.00034	.00213	.00794	.03081	.27268	1.0908
#2	.00005	31.591	-.00023	.00227	.00837	.04818	.27386	1.1169

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	-.00007	329.89	-.00003	.06159	1.2050	.00007	.00944
Stddev	.00038	.00024	7.61	.00019	.00025	.0026	.00023	.00055
%RSD	10.793	359.53	2.3082	590.64	.40850	.21532	313.76	5.8676

#1	.00377	.00010	335.27	.00010	.06142	1.2031	-.00009	.00905
#2	.00323	-.00024	324.51	-.00016	.06177	1.2068	.00024	.00983

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21951	.48850	.00175	.00178	.00980	.0206	.06942	3.9091
Stddev	.00043	.00662	.00128	.00077	.00012	.0010	.00008	.0080
%RSD	.19419	1.3551	72.886	43.289	1.1842	4.957	.12212	.20593

#1	.21981	.49319	.00266	.00232	.00971	.0213	.06936	3.9148
#2	.21920	.48382	.00085	.00123	.00988	.0199	.06948	3.9034

Sample Name: J5942-04 Acquired: 11/15/2018 20:25:08 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-D1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2392
Stddev	.4966
%RSD	22.180

#1	2.5903
#2	1.8880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.0	45073.	4572.0	102.20	3401.0
Stddev	14.4	38.	32.6	.44	20.0
%RSD	.42544	.08350	.71257	.42666	.58858

#1	3363.8	45046.	4548.9	102.51	3386.9
#2	3384.1	45099.	4595.0	101.89	3415.2

Sample Name: J5942-08 Acquired: 11/15/2018 20:29:17 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	-.00230	.00638	.00057	.00003	.11108	.06120	.00000
Stddev	.00194	.00122	.00008	.00124	.00058	.00506	.00009	.00001
%RSD	54.246	53.075	1.3227	215.81	1980.2	4.5574	.14328	140.37

#1	-.00495	-.00316	.00644	.00145	-.00038	.11466	.06114	.00001
#2	-.00220	-.00144	.00632	-.00030	.00044	.10750	.06126	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	13.072	-.00002	.01146	.01553	.15318	.45633	.47571
Stddev	.00007	.133	.00012	.00016	.00052	.00517	.00146	.05697
%RSD	53.008	1.0211	539.38	1.3910	3.3355	3.3727	.32046	11.977

#1	-.00017	12.977	-.00011	.01157	.01516	.15683	.45736	.43543
#2	-.00008	13.166	.00006	.01135	.01589	.14952	.45530	.51600

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	-.00029	363.37	-.00059	.02298	1.5729	-.00004	.00255
Stddev	.00001	.00106	5.96	.00020	.00038	.0391	.00036	.00583
%RSD	.11829	360.52	1.6390	34.957	1.6412	2.4835	905.00	228.73

#1	.00723	.00045	367.58	-.00044	.02324	1.5453	-.00030	.00668
#2	.00724	-.00104	359.16	-.00073	.02271	1.6005	.00022	-.00157

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04195	.31314	.00316	.00516	.01026	.0111	.02141	3.9039
Stddev	.00063	.00386	.00059	.00159	.00111	.0009	.00003	.0192
%RSD	1.5008	1.2327	18.767	30.868	10.853	7.963	.14204	.49160

#1	.04151	.31586	.00358	.00629	.00947	.0105	.02143	3.8904
#2	.04240	.31041	.00274	.00403	.01105	.0117	.02139	3.9175

Sample Name: J5942-08 Acquired: 11/15/2018 20:29:17 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5325
Stddev .1690
%RSD 6.6720

#1 2.6519
#2 2.4130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.7	45361.	4614.8	104.52	3382.0
Stddev	12.5	122.	50.2	.89	17.4
%RSD	.36936	.26876	1.0873	.85129	.51499

#1	3370.9	45274.	4579.4	103.89	3369.7
#2	3388.6	45447.	4650.3	105.15	3394.3

Sample Name: J5942-12 Acquired: 11/15/2018 20:33:28 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.00346	.01330	-.00083	.00076	.08738	.09473	-.00000
Stddev	.00036	.00123	.00117	.00008	.00247	.00587	.00003	.00004
%RSD	31.521	35.598	8.7935	9.1142	326.02	6.7179	.02764	1164.6

#1	-.00088	-.00259	.01247	-.00078	.00250	.09153	.09474	-.00003
#2	-.00139	-.00434	.01412	-.00088	-.00099	.08323	.09471	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	11.462	.00006	.01183	.00812	.05710	.49719	.53316
Stddev	.00014	.019	.00002	.00023	.00012	.01063	.00156	.00058
%RSD	212.10	.16696	32.166	1.9611	1.4366	18.618	.31389	.10967

#1	.00003	11.449	.00008	.01199	.00820	.06462	.49608	.53357
#2	-.00016	11.476	.00005	.01166	.00804	.04958	.49829	.53274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00758	-.00070	354.53	-.00069	.02774	1.6774	-.00024	.01070
Stddev	.00021	.00079	.57	.00010	.00026	.0209	.00004	.00590
%RSD	2.7051	112.72	.16075	14.865	.94037	1.2452	16.074	55.130

#1	.00772	-.00014	354.13	-.00062	.02792	1.6626	-.00026	.00653
#2	.00743	-.00127	354.94	-.00076	.02755	1.6922	-.00021	.01487

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07066	.34254	.00169	.00427	.00965	.0066	.02294	3.7544
Stddev	.00017	.00786	.00034	.00221	.00018	.0019	.00020	.0682
%RSD	.23585	2.2946	20.065	51.771	1.9150	28.71	.88860	1.8154

#1	.07078	.33698	.00193	.00584	.00952	.0079	.02279	3.7062
#2	.07054	.34810	.00145	.00271	.00978	.0052	.02308	3.8026

Sample Name: J5942-12 Acquired: 11/15/2018 20:33:28 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-F2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4688
Stddev	.0485
%RSD	1.9641

#1	2.5031
#2	2.4345

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.5	45531.	4578.1	102.32	3422.4
Stddev	6.5	34.	1.9	.91	10.9
%RSD	.19081	.07421	.04093	.88691	.31871

#1	3416.9	45555.	4579.4	101.68	3414.7
#2	3426.1	45507.	4576.8	102.96	3430.1

Sample Name: J5955-03 Acquired: 11/15/2018 20:37:38 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01015	-.00459	.01927	.01063	.00536	.00499	.39255	-.00000
Stddev	.00000	.00017	.00060	.00093	.00169	.00713	.00053	.00010
%RSD	.02766	3.6089	3.1323	8.7439	31.594	142.91	.13505	3423.1

#1	.01015	-.00447	.01970	.01129	.00416	.01002	.39292	-.00008
#2	.01014	-.00471	.01885	.00997	.00656	-.00005	.39217	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	72.910	-.00325	.03837	-.02686	44.456	3.1234	1.5872
Stddev	.00007	.166	.00018	.00026	.00011	.340	.0031	.0432
%RSD	3.4290	.22755	5.6550	.67390	.41000	.76489	.09939	2.7231

#1	-.00206	72.793	-.00338	.03819	-.02678	44.216	3.1256	1.5566
#2	-.00196	73.028	-.00312	.03855	-.02694	44.697	3.1212	1.6178

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03138	-.00260	367.68	.00068	.14183	3.0318	-.00042	.10784
Stddev	.00038	.00045	4.71	.00003	.00137	.0260	.00018	.00809
%RSD	1.2118	17.189	1.2803	4.0649	.96297	.85824	42.332	7.5031

#1	.03165	-.00291	371.00	.00066	.14086	3.0134	-.00055	.10212
#2	.03111	-.00228	364.35	.00070	.14279	3.0502	-.00030	.11356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0444	2.1250	.00320	.00057	.01726	.0356	.27364	3.9244
Stddev	.0118	.0128	.00056	.00031	.00015	.0006	.00026	.0444
%RSD	1.1308	.60046	17.616	55.036	.89026	1.590	.09662	1.1302

#1	1.0361	2.1340	.00360	.00035	.01737	.0360	.27383	3.9557
#2	1.0528	2.1159	.00281	.00079	.01716	.0352	.27345	3.8930

Sample Name: J5955-03 Acquired: 11/15/2018 20:37:38 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.196
Stddev	.129
%RSD	.90941

#1	14.105
#2	14.287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3316.9	44895.	4542.9	100.44	3309.7
Stddev	6.9	138.	7.3	1.54	7.4
%RSD	.20783	.30645	.16044	1.5297	.22375

#1	3312.0	44798.	4537.7	101.52	3304.5
#2	3321.7	44993.	4548.0	99.351	3315.0

Sample Name: J5955-05 Acquired: 11/15/2018 20:41:45 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01798	-.00539	.13355	.00332	.00202	-.05640	.32200	-.00007
Stddev	.00182	.00001	.00030	.00301	.00225	.01388	.00182	.00010
%RSD	10.115	.21909	.22194	90.596	111.27	24.602	.56466	149.12

#1	.01926	-.00538	.13376	.00119	.00361	-.04659	.32328	.00000
#2	.01669	-.00540	.13334	.00545	.00043	-.06621	.32071	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	209.31	.00054	.00108	.00395	-.02889	.08560	3.2480
Stddev	.00006	1.44	.00002	.00009	.00063	.00667	.00063	.0501
%RSD	1.1977	.68958	2.8396	7.9441	15.843	23.077	.73967	1.5416

#1	.00470	210.33	.00053	.00102	.00351	-.02418	.08516	3.2126
#2	.00462	208.29	.00055	.00114	.00440	-.03360	.08605	3.2834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	-.00091	364.32	.00132	.54171	1.5823	.00074	.03218
Stddev	.00009	.00077	4.30	.00044	.01112	.0021	.00005	.00361
%RSD	4.7054	84.125	1.1811	33.581	2.0524	.13429	6.2773	11.233

#1	.00189	-.00037	367.37	.00101	.54958	1.5808	.00078	.02962
#2	.00202	-.00145	361.28	.00163	.53385	1.5838	.00071	.03473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8080	1.2155	.00192	-.00426	.01678	.0643	.57276	4.1732
Stddev	.0032	.0106	.00139	.00340	.00011	.0015	.00292	.0030
%RSD	.17862	.87302	72.416	79.924	.64579	2.374	.50923	.07120

#1	1.8058	1.2230	.00094	-.00666	.01685	.0654	.57482	4.1711
#2	1.8103	1.2080	.00290	-.00185	.01670	.0632	.57070	4.1753

Sample Name: J5955-05 Acquired: 11/15/2018 20:41:45 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.2653
Stddev .1120
%RSD 2.6261

#1 4.3445
#2 4.1861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.2	43754.	4448.8	97.298	3233.1
Stddev	4.9	73.	48.5	1.928	4.4
%RSD	.15156	.16689	1.0909	1.9815	.13755

#1	3244.7	43806.	4414.5	95.935	3236.2
#2	3237.7	43703.	4483.1	98.661	3229.9

Sample Name: J5955-07 Acquired: 11/15/2018 20:45:53 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00347	.01657	.00034	.00040	.00636	.30706	.00001
Stddev	.00243	.00182	.00065	.00052	.00251	.01274	.00582	.00002
%RSD	172.57	52.552	3.9028	152.66	627.01	200.32	1.8960	358.57

#1	-.00031	-.00218	.01703	-.00003	.00217	.01537	.30295	-.00001
#2	.00312	-.00476	.01611	.00072	-.00137	-.00265	.31118	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	113.76	.00017	.00017	.00182	-.02228	.14382	3.8729
Stddev	.00002	1.89	.00091	.00037	.00020	.00850	.00002	.0922
%RSD	71.347	1.6620	524.51	216.70	10.755	38.172	.01336	2.3800

#1	.00005	112.43	.00082	.00043	.00196	-.01627	.14380	3.8078
#2	.00002	115.10	-.00047	-.00009	.00168	-.02829	.14383	3.9381

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00100	377.64	.00011	.13478	1.5491	-.00008	.04311
Stddev	.00025	.00054	5.26	.00026	.00287	.0220	.00010	.00900
%RSD	20.620	53.713	1.3930	241.05	2.1258	1.4218	120.66	20.869

#1	.00103	-.00062	373.92	-.00008	.13275	1.5335	-.00015	.03675
#2	.00138	-.00137	381.36	.00029	.13680	1.5647	-.00001	.04947

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68189	.89803	.00233	-.00055	.01696	.0536	.41848	4.2331
Stddev	.00406	.01944	.00004	.00457	.00268	.0009	.00664	.1879
%RSD	.59541	2.1642	1.7430	832.54	15.804	1.674	1.5863	4.4398

#1	.67902	.88429	.00230	.00268	.01507	.0529	.41378	4.3660
#2	.68476	.91177	.00236	-.00378	.01886	.0542	.42317	4.1002

Sample Name: J5955-07 Acquired: 11/15/2018 20:45:53 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.5206
Stddev .0507
%RSD 1.4411

#1 3.5564
#2 3.4847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.0	43898.	4411.8	98.887	3288.0
Stddev	14.4	321.	48.4	1.593	11.1
%RSD	.43854	.73129	1.0969	1.6111	.33886

#1	3280.8	43671.	4446.1	100.01	3280.1
#2	3301.2	44125.	4377.6	97.760	3295.9

Sample Name: J5955-09 Acquired: 11/15/2018 20:50:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00249	-.00051	.00165	.00379	.01714	.27713	-.00010
Stddev	.00101	.00065	.00128	.00145	.00135	.00547	.00018	.00009
%RSD	199.95	26.110	248.48	88.182	35.499	31.926	.06332	93.060

#1	-.00121	-.00203	-.00142	.00267	.00284	.02101	.27700	-.00003
#2	.00021	-.00296	.00039	.00062	.00474	.01327	.27725	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	19.917	.00015	-.00002	.00003	.00734	.00572	1.5268
Stddev	.00001	.265	.00003	.00020	.00006	.00560	.00005	.0173
%RSD	7.8038	1.3289	17.788	1270.5	203.68	76.288	.81187	1.1295

#1	-.00017	19.730	.00013	.00013	.00007	.00338	.00569	1.5146
#2	-.00019	20.105	.00017	-.00016	-.00001	.01130	.00575	1.5390

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	-.00061	318.03	-.00026	.07241	1.7818	-.00007	.04292
Stddev	.00045	.00007	2.23	.00032	.00010	.0247	.00021	.00067
%RSD	46.103	12.087	.70102	121.35	.13138	1.3873	291.51	1.5575

#1	-.00129	-.00066	316.46	-.00004	.07248	1.7643	-.00022	.04245
#2	-.00065	-.00056	319.61	-.00049	.07235	1.7993	.00008	.04339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23981	.81853	.00269	.00023	.01068	.3387	.11517	3.9505
Stddev	.00303	.00075	.00116	.00218	.00053	.0026	.00066	.0882
%RSD	1.2620	.09203	43.305	932.07	4.9566	.7749	.57392	2.2331

#1	.23767	.81799	.00351	-.00131	.01031	.3405	.11471	4.0129
#2	.24195	.81906	.00187	.00177	.01106	.3368	.11564	3.8881

Sample Name: J5955-09 Acquired: 11/15/2018 20:50:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8977
Stddev .7035
%RSD 24.278

#1 2.4002
#2 3.3951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.5	44716.	4474.3	100.30	3389.9
Stddev	10.9	55.	27.7	.64	9.5
%RSD	.32411	.12238	.62000	.64034	.28126

#1	3350.8	44677.	4454.7	99.850	3383.1
#2	3366.2	44754.	4494.0	100.76	3396.6

Sample Name: CCV11 Acquired: 11/15/2018 20:54:11 Type: Unk
Method: P4-ICP2(v2585) 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	4.8713	5.2257	4.7512	5.0782	4.8667	10.011	10.233	.24358
Stddev	.0045	.0087	.0100	.0007	.0044	.131	.002	.00006
%RSD	.09156	.16623	.20984	.01380	.09014	1.3071	.01890	.02666
#1	4.8744	5.2195	4.7441	5.0787	4.8698	9.9187	10.235	.24362
#2	4.8681	5.2318	4.7582	5.0777	4.8636	10.104	10.232	.24353
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4553	26.909	1.0244	2.4102	1.2848	F 5.5248	2.4573	24.727
Stddev	.0071	.201	.0018	.0106	.0006	.0797	.0060	.242
%RSD	.29005	.74736	.17549	.43942	.04580	1.4424	.24492	.97796
#1	2.4503	26.767	1.0231	2.4027	1.2844	5.4684	2.4531	24.556
#2	2.4604	27.051	1.0257	2.4177	1.2852	5.5811	2.4616	24.898
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5586	1.2629	26.102	2.6462	2.5579	25.695	4.9220	5.3704
Stddev	.0063	.0034	.022	.0031	.0077	.043	.0008	.0503
%RSD	.24698	.26938	.08262	.11600	.30123	.16691	.01733	.93582
#1	2.5542	1.2653	26.087	2.6440	2.5633	25.725	4.9214	5.3349
#2	2.5631	1.2605	26.117	2.6484	2.5524	25.664	4.9226	5.4060
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8504	5.3126	4.9163	5.1166	5.1629	5.153	5.2300	F 3.5980
Stddev	.0256	.0357	.0181	.0531	.0038	.018	.0055	.0283
%RSD	.52795	.67188	.36901	1.0385	.07310	.3441	.10546	.78598
#1	4.8323	5.3378	4.9035	5.0791	5.1655	5.140	5.2339	3.6180
#2	4.8685	5.2873	4.9291	5.1542	5.1602	5.165	5.2261	3.5780

Sample Name: CCV11 Acquired: 11/15/2018 20:54:11 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9757
Stddev	.0097
%RSD	.32463

#1	2.9688
#2	2.9825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.0	46923.	4523.1	98.162	3500.6
Stddev	5.5	16.	21.7	.455	4.5
%RSD	.15913	.03402	.48002	.46302	.12854

#1	3478.1	46934.	4507.7	97.841	3503.8
#2	3485.9	46912.	4538.4	98.483	3497.4

Sample Name: CCB11 Acquired: 11/15/2018 20:57:57 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7702 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00076	-.00193	-.00177	.00388	-.01307	.00135
Stddev	.00156	.00113	.00069	.00067	.00057	.00997	.00020
%RSD	167.91	147.35	35.645	38.174	14.737	76.223	14.595

#1	-.00204	-.00156	-.00144	-.00129	.00429	-.02012	.00121
#2	.00017	.00003	-.00242	-.00224	.00348	-.00603	.00149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	-.00382	-.00061	.00024	-.00058	.00024
Stddev	.00008	.00001	.00136	.00016	.00030	.00016	.00412
%RSD	617.88	37.430	35.459	26.253	126.20	28.383	1688.7

#1	-.00005	-.00002	-.00478	-.00050	.00003	-.00046	-.00267
#2	.00007	-.00003	-.00287	-.00072	.00045	-.00070	.00316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.02678	-.00000	.00004	.04165	-.00078	-.00066
Stddev	.00004	.00305	.00038	.00069	.00328	.00049	.00001
%RSD	15.182	11.390	22956.	1734.8	7.8853	62.244	1.3393

#1	-.00026	-.02462	.00027	-.00045	.04397	-.00112	-.00066
#2	-.00032	-.02893	-.00027	.00053	.03933	-.00044	-.00067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03985	.00030	-.00132	-.00724	.00526	.00093	.00245
Stddev	.00373	.00005	.00436	.00227	.00255	.00097	.00168
%RSD	9.3546	16.814	331.04	31.332	48.423	105.11	68.409

#1	-.04248	.00033	-.00440	-.00564	.00346	.00162	.00127
#2	-.03721	.00026	.00177	-.00885	.00706	.00024	.00364

Sample Name: CCB11 Acquired: 11/15/2018 20:57:57 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7702 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00277	.0049	.00007	F 2.2734	F<.00000
Stddev	.00194	.0011	.00001	.1257	.08653
%RSD	70.054	22.19	7.6934	5.5286	31.468

#1	.00140	.0041	.00008	2.1845	-.33618
#2	.00414	.0057	.00007	2.3623	-.21380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3621.7	49256.	4576.0	104.14	3953.4
Stddev	12.0	237.	50.5	2.04	2.2
%RSD	.33094	.48151	1.1036	1.9577	.05680

#1	3630.1	49424.	4611.7	102.70	3955.0
#2	3613.2	49089.	4540.3	105.58	3951.8

Sample Name: J5955-11 Acquired: 11/15/2018 21:02:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00974	-.00486	.02951	.01354	.00937	.00093	.35064	.00010
Stddev	.00120	.00081	.00095	.00326	.00099	.01120	.01595	.00008
%RSD	12.320	16.744	3.2040	24.095	10.538	1203.0	4.5485	80.664

#1	.01059	-.00544	.03018	.01585	.00868	.00885	.33936	.00015
#2	.00889	-.00428	.02885	.01124	.01007	-.00699	.36191	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	65.547	-.00355	.01913	-.03474	56.848	2.2373	1.4119
Stddev	.00022	3.424	.00014	.00004	.00197	2.855	.0028	.0044
%RSD	7.5145	5.2244	3.9554	.19764	5.6759	5.0223	.12656	.31185

#1	-.00273	63.126	-.00345	.01916	-.03334	54.829	2.2353	1.4087
#2	-.00304	67.969	-.00365	.01910	-.03613	58.867	2.2393	1.4150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00851	-.00334	308.43	.00070	.08079	2.2579	-.00005	.09061
Stddev	.00088	.00006	4.19	.00003	.00347	.1255	.00031	.01468
%RSD	10.320	1.6472	1.3586	4.1552	4.2963	5.5606	587.41	16.203

#1	.00789	-.00338	305.46	.00068	.07833	2.1691	-.00027	.08022
#2	.00913	-.00330	311.39	.00072	.08324	2.3467	.00017	.10099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65461	1.8794	.00310	.00151	.00921	.0237	.16818	4.2593
Stddev	.00406	.0699	.00056	.00298	.00164	.0002	.00743	.1234
%RSD	.62096	3.7216	17.931	197.46	17.868	.8777	4.4163	2.8970

#1	.65749	1.8299	.00349	.00362	.00804	.0239	.16292	4.1720
#2	.65174	1.9289	.00270	-.00060	.01037	.0236	.17343	4.3465

Sample Name: J5955-11 Acquired: 11/15/2018 21:02:02 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.203
Stddev .123
%RSD .80745

#1 15.290
#2 15.116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.8	44006.	4292.9	94.093	3332.1
Stddev	24.5	40.	145.8	3.782	24.0
%RSD	.73700	.09169	3.3963	4.0199	.72171

#1	3310.5	43978.	4396.0	96.768	3315.1
#2	3345.2	44035.	4189.8	91.419	3349.1

Sample Name: J5955-13 Acquired: 11/15/2018 21:06:10 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00407	.00986	.00557	.00123	.00494	.29166	-.00006
Stddev	.00162	.00153	.00113	.00118	.00006	.00029	.00049	.00000
%RSD	442.20	37.502	11.498	21.134	4.5741	5.9117	.16670	5.2571

#1	-.00078	-.00299	.01066	.00473	.00119	.00473	.29132	-.00006
#2	.00151	-.00515	.00906	.00640	.00127	.00515	.29201	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	90.317	.00019	.00034	.00375	-.01960	.08332	2.4773
Stddev	.00007	.452	.00034	.00063	.00010	.00925	.00014	.0149
%RSD	66.626	.50095	177.09	186.68	2.7109	47.215	.17097	.60130

#1	-.00005	89.997	.00043	-.00011	.00368	-.02614	.08322	2.4879
#2	-.00014	90.637	-.00005	.00078	.00383	-.01305	.08342	2.4668

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00040	365.50	-.00013	.21286	1.3855	-.00010	.04349
Stddev	.00099	.00047	.61	.00031	.00074	.0424	.00025	.00172
%RSD	116.87	116.03	.16767	231.01	.34835	3.0589	254.74	3.9649

#1	.00015	-.00073	365.93	-.00035	.21233	1.3555	-.00027	.04227
#2	.00154	-.00007	365.07	.00008	.21338	1.4155	.00008	.04471

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61388	1.2728	.00324	.00152	.01384	.0559	.30054	4.1313
Stddev	.00386	.0015	.00003	.00005	.00050	.0020	.00128	.0266
%RSD	.62868	.11775	.80984	3.0150	3.6352	3.532	.42480	.64386

#1	.61661	1.2718	.00326	.00149	.01348	.0545	.29963	4.1125
#2	.61115	1.2739	.00323	.00156	.01420	.0573	.30144	4.1501

Sample Name: J5955-13 Acquired: 11/15/2018 21:06:10 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-6 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1218
Stddev	.0199
%RSD	.48168

#1	4.1359
#2	4.1078

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.8	43989.	4448.7	98.504	3284.0
Stddev	14.6	118.	16.2	.481	5.3
%RSD	.44314	.26893	.36333	.48877	.16223

#1	3275.5	44072.	4437.3	98.163	3280.3
#2	3296.1	43905.	4460.1	98.844	3287.8

Sample Name: J5955-15 Acquired: 11/15/2018 21:10:18 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00433	.09304	.00566	.00445	.00700	.44030	-.00007
Stddev	.00040	.00027	.00001	.00126	.00134	.00208	.00262	.00002
%RSD	18.728	6.2950	.00540	22.268	30.206	29.654	.59467	33.098

#1	.00186	-.00453	.09304	.00655	.00350	.00553	.44215	-.00009
#2	.00243	-.00414	.09305	.00477	.00540	.00847	.43845	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	88.653	.00218	.00007	.01126	-.00709	.18079	2.4225
Stddev	.00005	.683	.00003	.00011	.00006	.00773	.00112	.0174
%RSD	2.7908	.77005	1.4957	155.87	.52118	109.04	.62085	.71960

#1	.00182	88.170	.00220	.00015	.01122	-.00162	.17999	2.4101
#2	.00189	89.136	.00216	-.00001	.01130	-.01256	.18158	2.4348

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00625	-.00040	371.83	-.00030	1.4935	1.4786	-.00028	.03594
Stddev	.00064	.00038	1.43	.00027	.0238	.0222	.00008	.00487
%RSD	10.314	95.720	.38346	90.469	1.5899	1.5027	29.249	13.558

#1	.00670	-.00067	372.83	-.00050	1.4767	1.4629	-.00022	.03938
#2	.00579	-.00013	370.82	-.00011	1.5103	1.4943	-.00033	.03249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80581	.84819	.00257	.00017	.01508	.0645	.35946	4.0333
Stddev	.00796	.00098	.00108	.00076	.00368	.0014	.00178	.1304
%RSD	.98722	.11606	42.109	439.17	24.398	2.233	.49440	3.2334

#1	.81144	.84889	.00181	-.00036	.01248	.0655	.35820	4.1255
#2	.80018	.84750	.00334	.00071	.01768	.0635	.36071	3.9411

Sample Name: J5955-15 Acquired: 11/15/2018 21:10:18 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-7 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3237
 Stddev .5280
 %RSD 15.886

#1 3.6971
 #2 2.9503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.6	44033.	4412.6	97.173	3298.7
Stddev	14.9	33.	2.9	1.362	13.1
%RSD	.45237	.07529	.06502	1.4014	.39648

#1	3288.1	44056.	4414.6	98.136	3289.4
#2	3309.2	44009.	4410.6	96.210	3307.9

Sample Name: J5955-17 Acquired: 11/15/2018 21:14:27 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00293	.00705	-.00050	.00071	.28987	.19938	.00003
Stddev	.00180	.00139	.00009	.00161	.00080	.01536	.00024	.00001
%RSD	4451.1	47.367	1.2083	325.14	112.66	5.2992	.12078	26.810

#1	.00131	-.00392	.00699	.00064	.00128	.27901	.19955	.00003
#2	-.00123	-.00195	.00711	-.00163	.00014	.30073	.19921	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	43.060	.00301	.00112	.00329	1.1065	.11735	2.1680
Stddev	.00007	.214	.00101	.00010	.00019	.0169	.00852	.0375
%RSD	33.654	.49646	33.552	8.5234	5.7658	1.5275	7.2599	1.7284

#1	-.00015	42.908	.00230	.00119	.00316	1.0945	.11132	2.1945
#2	-.00025	43.211	.00373	.00105	.00343	1.1184	.12337	2.1415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00520	-.00044	353.93	.00101	.12491	1.9269	-.00002	.04381
Stddev	.00014	.00037	1.88	.00001	.00076	.0085	.00011	.00268
%RSD	2.7282	84.461	.53141	1.3806	.60850	.44157	625.67	6.1093

#1	.00510	-.00018	352.60	.00100	.12545	1.9209	.00006	.04570
#2	.00530	-.00071	355.26	.00102	.12437	1.9329	-.00010	.04192

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0173	2.0767	.00201	.00130	.01251	.0075	.20929	3.2546
Stddev	.0030	.0326	.00065	.00009	.00306	.0000	.00089	.7830
%RSD	.29199	1.5721	32.320	6.7671	24.468	.6457	.42479	24.059

#1	1.0194	2.0536	.00247	.00123	.01467	.0074	.20866	2.7009
#2	1.0152	2.0997	.00155	.00136	.01034	.0075	.20991	3.8083

Sample Name: J5955-17 Acquired: 11/15/2018 21:14:27 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BB1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4016
Stddev .1008
%RSD 2.9646

#1 3.3303
#2 3.4729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.2	46029.	4474.2	100.63	3370.7
Stddev	8.9	2501.	7.0	.59	10.2
%RSD	.26605	5.4332	.15567	.58555	.30235

#1	3351.9	47797.	4479.1	100.22	3363.5
#2	3364.5	44261.	4469.3	101.05	3377.9

Sample Name: J5939-02 Acquired: 11/15/2018 21:18:36 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7702 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	-.00066	-.00172	-.00238	.00075	.32885	.02558	-.00004
Stddev	.00050	.00138	.00024	.00106	.00024	.00124	.00018	.00005
%RSD	28.625	210.25	13.863	44.712	32.004	.37738	.69256	128.50

#1	.00209	.00032	-.00155	-.00313	.00092	.32797	.02546	-.00007
#2	.00139	-.00163	-.00189	-.00163	.00058	.32973	.02571	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	2.4299	.00890	.00028	.00108	.41723	.00434	.46375
Stddev	.00003	.0039	.00010	.00023	.00017	.00126	.00002	.05075
%RSD	70.015	.16161	1.0893	82.684	16.195	.30245	.45684	10.944

#1	-.00002	2.4271	.00883	.00045	.00120	.41634	.00436	.42786
#2	-.00007	2.4326	.00897	.00012	.00096	.41812	.00433	.49964

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	-.00005	3.9343	.04133	.00246	.26629	.00533	.02863
Stddev	.00040	.00008	.0208	.00025	.00024	.00705	.00000	.00204
%RSD	35.379	166.36	.52921	.60526	9.6646	2.6480	.06310	7.1285

#1	.00142	.00001	3.9195	.04116	.00229	.26130	.00533	.02719
#2	.00085	-.00011	3.9490	.04151	.00263	.27127	.00533	.03008

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86356	1.2539	.00036	.01817	.00352	.0215	.01276	2.3158
Stddev	.00871	.0024	.00052	.00368	.00094	.0009	.00016	.0028
%RSD	1.0086	.19095	143.89	20.267	26.753	4.348	1.2455	.11991

#1	.85740	1.2522	.00072	.01557	.00418	.0208	.01265	2.3138
#2	.86972	1.2556	-.00001	.02078	.00285	.0222	.01287	2.3178

Sample Name: J5939-02 Acquired: 11/15/2018 21:18:36 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7702 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .24331
 Stddev .37539
 %RSD 154.28

#1 .50876
 #2 -.02213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.5	49170.	4536.9	102.59	3963.5
Stddev	11.0	13.	32.6	2.79	5.8
%RSD	.30326	.02720	.71935	2.7225	.14593

#1	3603.7	49180.	4560.0	104.57	3959.5
#2	3619.2	49161.	4513.8	100.62	3967.6

Sample Name: J5939-02DUP Acquired: 11/15/2018 21:22:42 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14203 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00311	-.00058	-.00015	-.00189	.00316	.34419	.02855	.00009
Stddev	.00048	.00034	.00190	.00230	.00079	.00753	.00083	.00006
%RSD	15.301	58.824	1282.0	121.71	24.918	2.1889	2.9018	58.765

#1	.00277	-.00034	-.00149	-.00352	.00260	.33886	.02796	.00005
#2	.00344	-.00082	.00119	-.00026	.00371	.34951	.02914	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	2.7182	.00986	.00048	.00108	.42090	.00445	.53850
Stddev	.00005	.0074	.00043	.00020	.00035	.00170	.00011	.00308
%RSD	38.211	.27214	4.3411	41.913	32.165	.40419	2.4267	.57138

#1	-.00015	2.7235	.00956	.00034	.00084	.42210	.00438	.53632
#2	-.00009	2.7130	.01016	.00062	.00133	.41970	.00453	.54067

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00003	4.1973	.04505	.00245	.20031	.00616	.02511
Stddev	.00005	.00012	.0185	.00049	.00004	.02880	.00023	.00220
%RSD	6.3258	408.59	.44128	1.0879	1.4584	14.376	3.7074	8.7587

#1	.00078	-.00005	4.1842	.04471	.00242	.22067	.00632	.02356
#2	.00072	.00011	4.2104	.04540	.00247	.17994	.00600	.02667

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96051	1.3026	.00054	.01818	-.00027	.0217	.01442	2.3228
Stddev	.00586	.0127	.00052	.00107	.00047	.0007	.00022	.3535
%RSD	.60971	.97464	97.111	5.9092	171.91	3.254	1.5387	15.218

#1	.95637	1.2936	.00091	.01894	-.00060	.0222	.01426	2.0728
#2	.96465	1.3115	.00017	.01742	.00006	.0212	.01457	2.5727

Sample Name: J5939-02DUP Acquired: 11/15/2018 21:22:42 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14203 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .31261
 %RSD 570.85

#1 -.27581
 #2 .16629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.8	49347.	4512.5	103.46	3931.8
Stddev	7.9	302.	19.3	.19	.5
%RSD	.21838	.61255	.42808	.18226	.01217

#1	3606.2	49561.	4526.1	103.59	3931.5
#2	3617.3	49133.	4498.8	103.33	3932.2

Sample Name: J5939-02LX5 Acquired: 11/15/2018 21:26:48 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14203 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00006	-.00134	-.00177	.00141	.06536	.00732	-.00001
Stddev	.00045	.00085	.00003	.00310	.00263	.02688	.00100	.00001
%RSD	71.135	1323.6	2.2422	175.34	186.11	41.130	13.622	75.259

#1	.00032	.00053	-.00132	.00042	-.00045	.04635	.00803	-.00002
#2	.00095	-.00066	-.00136	-.00396	.00327	.08436	.00662	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.57098	.00184	.00025	-.00037	.10905	.00077	.10698
Stddev	.00005	.00943	.00013	.00011	.00020	.01530	.00001	.00043
%RSD	30.682	1.6520	7.0245	45.731	53.960	14.035	.80934	.40038

#1	-.00019	.57765	.00193	.00033	-.00051	.09823	.00077	.10668
#2	-.00012	.56431	.00174	.00017	-.00023	.11987	.00077	.10729

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00070	.87633	.00954	.00015	-.03576	.00108	.00758
Stddev	.00009	.00063	.00521	.00010	.00001	.03426	.00011	.01083
%RSD	12.692	90.184	.59415	1.0037	4.5349	95.800	10.017	142.96

#1	.00063	-.00025	.88001	.00948	.00014	-.01154	.00101	-.00008
#2	.00075	-.00115	.87265	.00961	.00015	-.05999	.00116	.01523

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19303	.28986	.00039	.00614	-.00097	.0082	.00307	2.3561
Stddev	.00281	.00402	.00074	.00035	.00157	.0003	.00003	.2229
%RSD	1.4566	1.3860	188.77	5.6536	160.89	3.087	.90669	9.4621

#1	.19502	.29270	.00091	.00639	.00013	.0084	.00305	2.1984
#2	.19104	.28702	-.00013	.00589	-.00208	.0080	.00309	2.5137

Sample Name: J5939-02LX5 Acquired: 11/15/2018 21:26:48 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14203 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.23567
%RSD	67.477

#1	-.51591
#2	-.18262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.5	49168.	4509.2	101.44	3903.6
Stddev	38.0	93.	33.5	2.43	47.3
%RSD	1.0643	.18864	.74324	2.3991	1.2122
#1	3546.6	49234.	4485.5	99.717	3870.1
#2	3600.4	49102.	4532.9	103.16	3937.1

Sample Name: J5939-02MS Acquired: 11/15/2018 21:30:54 Type: Unk
Method: P4-ICP2(v2585) 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	.79125	2.1874	.95658	2.1221	.81411	2.3510	.24914	.20313
Stddev	.00322	.0105	.00647	.0064	.00415	.0209	.00207	.00050
%RSD	.40678	.48112	.67666	.30319	.51031	.89067	.83103	.24571

#1	.79353	2.1800	.95200	2.1175	.81117	2.3361	.24767	.20278
#2	.78898	2.1949	.96116	2.1266	.81705	2.3658	.25060	.20349

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19806	3.7544	.44688	.19938	.33852	3.8969	.21690	2.5988
Stddev	.00134	.0548	.00045	.00202	.00047	.0304	.00008	.0250
%RSD	.67901	1.4593	.09991	1.0125	.13909	.78117	.03807	.96256

#1	.19711	3.7156	.44719	.19795	.33818	3.9184	.21684	2.6165
#2	.19902	3.7931	.44656	.20081	.33885	3.8753	.21696	2.5811

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53471	.07782	7.3284	.38105	.21669	11.051	.43100	.37147
Stddev	.00422	.00038	.0172	.00087	.00135	.048	.00062	.01346
%RSD	.78873	.49088	.23409	.22870	.62171	.43532	.14456	3.6226

#1	.53173	.07755	7.3405	.38166	.21765	11.017	.43056	.36196
#2	.53769	.07809	7.3163	.38043	.21574	11.085	.43144	.38099

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91633	2.3625	.70670	.23530	.21867	5.979	.23475	2.5346
Stddev	.00018	.0099	.00164	.00176	.00001	.033	.00194	.0816
%RSD	.01960	.41958	.23185	.74673	.00333	.5576	.82561	3.2213

#1	.91621	2.3555	.70555	.23406	.21866	5.956	.23338	2.4768
#2	.91646	2.3695	.70786	.23654	.21867	6.003	.23612	2.5923

Sample Name: J5939-02MS Acquired: 11/15/2018 21:30:54 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .33284
 %RSD 95.080

#1 -.58541
 #2 -.11471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.4	48349.	4499.4	102.08	3806.5
Stddev	3.9	89.	2.8	.93	17.5
%RSD	.10883	.18330	.06121	.91080	.45876

#1	3569.7	48412.	4497.4	101.42	3818.8
#2	3575.2	48286.	4501.3	102.74	3794.1

Sample Name: J5939-02MSD Acquired: 11/15/2018 21:34:46 Type: Unk
Method: P4-ICP2(v2585) 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	.79256	2.2048	.95834	2.1236	.81652	2.3881	.24896	.20638	.19952
Stddev	.00658	.0135	.00934	.0049	.00581	.0624	.00006	.00572	.00048
%RSD	.83041	.61064	.97503	.22990	.71116	2.6141	.02581	2.7702	.24020

#1	.78791	2.1952	.95173	2.1201	.81241	2.4323	.24892	.21042	.19918
#2	.79722	2.2143	.96494	2.1270	.82062	2.3440	.24901	.20234	.19986

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7400	.45511	.20056	.33984	3.8635	.21957	2.6443	.53771	.07868
Stddev	.0112	.01452	.00074	.00020	.0118	.00582	.0114	.00305	.00191
%RSD	.29933	3.1913	.36658	.05851	.30663	2.6484	.43033	.56762	2.4271

#1	3.7321	.46538	.20004	.33970	3.8551	.22369	2.6523	.53556	.08003
#2	3.7479	.44484	.20108	.33999	3.8719	.21546	2.6363	.53987	.07733

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	7.2944	.38671	.21750	11.072	.43189	.37199	.92183	2.3659	.71309
Stddev	.0461	.01074	.00358	.030	.00197	.01123	.00332	.0048	.00711
%RSD	.63225	2.7780	1.6446	.27021	.45637	3.0188	.36029	.20460	.99670

#1	7.3270	.39431	.21497	11.093	.43050	.36404	.92417	2.3693	.70806
#2	7.2617	.37911	.22003	11.051	.43329	.37993	.91948	2.3625	.71811

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23525	.21998	6.024	.23427	2.7782	.19620
Stddev	.00003	.00130	.024	.00040	.4104	.19119
%RSD	.01186	.59272	.3906	.17274	14.772	97.446

#1	.23527	.22090	6.008	.23455	3.0684	.06101
#2	.23523	.21906	6.041	.23398	2.4880	.33138

Sample Name: J5939-02MSD Acquired: 11/15/2018 21:34:46 Type: Unk
Method: P4-ICP2(v2585) 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	3577.7	47667.	4496.1	101.74	3788.2
Stddev	8.7	1138.	17.3	1.12	2.3
%RSD	.24421	2.3869	.38394	1.1002	.06116
#1	3571.5	46862.	4483.9	102.53	3786.6
#2	3583.8	48471.	4508.3	100.95	3789.8

Sample Name: J5939-02A Acquired: 11/15/2018 21:38:39 Type: Unk
Method: P4-ICP2(v2585) 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	.78941	2.1934	.95258	2.1174	.81592	2.3429	.25271	.20133
Stddev	.00512	.0024	.00234	.0164	.00473	.0250	.00434	.00039
%RSD	.64849	.11035	.24609	.77489	.57994	1.0694	1.7179	.19224

#1	.78579	2.1917	.95424	2.1058	.81257	2.3606	.25578	.20106
#2	.79303	2.1951	.95092	2.1290	.81926	2.3251	.24964	.20161

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19770	3.7867	.44379	.19914	.33824	3.9025	.21482	2.6504
Stddev	.00004	.0593	.00012	.00022	.00257	.1804	.00036	.0865
%RSD	.02081	1.5654	.02656	.11101	.76065	4.6233	.16746	3.2645

#1	.19773	3.8286	.44371	.19930	.33643	4.0300	.21457	2.7116
#2	.19767	3.7448	.44388	.19898	.34006	3.7749	.21507	2.5892

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53443	.07720	7.3850	.37884	.21733	11.080	.43051	.36995
Stddev	.00013	.00037	.0594	.00224	.00691	.194	.00239	.00610
%RSD	.02409	.47651	.80394	.59014	3.1802	1.7488	.55515	1.6499

#1	.53434	.07746	7.4270	.37726	.22221	11.218	.42882	.37426
#2	.53452	.07694	7.3430	.38042	.21244	10.943	.43220	.36563

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91607	2.3626	.70798	.23460	.22197	5.986	.23613	2.6100
Stddev	.00075	.0102	.00009	.00560	.00224	.005	.00426	.0807
%RSD	.08169	.43290	.01315	2.3871	1.0088	.0888	1.8061	3.0904

#1	.91660	2.3553	.70804	.23856	.22355	5.990	.23914	2.5530
#2	.91554	2.3698	.70791	.23064	.22039	5.983	.23311	2.6671

Sample Name: J5939-02A Acquired: 11/15/2018 21:38:39 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .62380
%RSD 179.69

#1 .09393
#2 -.78825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.1	48654.	4460.6	101.77	3807.2
Stddev	15.9	69.	29.5	3.44	12.4
%RSD	.44494	.14263	.66152	3.3801	.32503

#1	3594.3	48703.	4439.7	99.339	3798.5
#2	3571.8	48605.	4481.4	104.20	3816.0

Sample Name: CCV12 Acquired: 11/15/2018 21:42:31 Type: Unk
Method: P4-ICP2(v2585) 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	4.8680	5.2690	4.7021	5.1318	4.8577	9.8413	10.240	.24049
Stddev	.0059	.0125	.0035	.0089	.0024	.0628	.065	.00010
%RSD	.12119	.23731	.07377	.17370	.04843	.63774	.63704	.04316
#1	4.8722	5.2778	4.6996	5.1381	4.8594	9.7970	10.194	.24056
#2	4.8638	5.2601	4.7045	5.1254	4.8560	9.8857	10.286	.24041
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4552	26.458	1.0283	2.4038	1.2943	F 5.6180	2.4295	24.200
Stddev	.0014	.482	.0008	.0003	.0021	.0191	.0022	.151
%RSD	.05735	1.8231	.07613	.01300	.15865	.34040	.08873	.62224
#1	2.4562	26.117	1.0277	2.4035	1.2957	5.6045	2.4311	24.093
#2	2.4542	26.799	1.0288	2.4040	1.2928	5.6316	2.4280	24.306
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5881	1.2756	26.407	2.6712	2.5546	25.601	4.9281	5.3357
Stddev	.0032	.0008	.142	.0058	.0090	.113	.0059	.0788
%RSD	.12351	.05955	.53638	.21661	.35338	.44066	.11993	1.4763
#1	2.5904	1.2750	26.307	2.6753	2.5483	25.521	4.9323	5.2800
#2	2.5859	1.2761	26.507	2.6671	2.5610	25.681	4.9239	5.3914
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8941	5.2859	4.9294	5.0656	5.1737	5.203	5.1830	F 3.4065
Stddev	.0004	.0407	.0001	.0439	.0453	.002	.0544	.1121
%RSD	.00912	.76935	.00206	.86565	.87507	.0409	1.0503	3.2904
#1	4.8938	5.2572	4.9293	5.0346	5.1417	5.201	5.1445	3.4857
#2	4.8945	5.3147	4.9294	5.0966	5.2057	5.204	5.2215	3.3272

Sample Name: CCV12 Acquired: 11/15/2018 21:42:31 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.1438
 Stddev .5232
 %RSD 24.406

#1 1.7738
 #2 2.5138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.0	46692.	4500.2	96.501	3464.7
Stddev	13.7	99.	29.7	.087	13.4
%RSD	.39593	.21304	.65970	.09051	.38631

#1	3444.4	46622.	4521.2	96.563	3455.2
#2	3463.7	46763.	4479.2	96.439	3474.1

Sample Name: CCB12 Acquired: 11/15/2018 21:46:17 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	-.00032	-.00162	-.00273	.00463	-.00731	.00214
Stddev	.00230	.00033	.00098	.00100	.00041	.01159	.00008
%RSD	136.80	102.28	60.245	36.702	8.8636	158.59	3.8175

#1	.00005	-.00055	-.00093	-.00344	.00491	-.01550	.00220
#2	.00330	-.00009	-.00232	-.00202	.00434	.00089	.00209

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00002	-.02729	-.00003	.00013	-.00058	.00667
Stddev	.00005	.00001	.00955	.00029	.00008	.00016	.01450
%RSD	567.83	77.961	34.983	934.18	61.424	28.271	217.48

#1	.00004	.00002	-.02054	.00017	.00018	-.00069	.01692
#2	-.00003	.00001	-.03404	-.00023	.00007	-.00046	-.00359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.06648	-.00001	-.00070	-.11595	-.00044	-.00052
Stddev	.00006	.06108	.00029	.00030	.00731	.00017	.00014
%RSD	30.179	91.882	4848.9	43.165	6.3042	39.417	27.466

#1	-.00015	-.10967	-.00021	-.00092	-.12112	-.00056	-.00042
#2	-.00023	-.02329	.00020	-.00049	-.11078	-.00032	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16374	.00051	.00172	-.00738	.00469	.00055	-.00059
Stddev	.02876	.00006	.00254	.00302	.00066	.00015	.00038
%RSD	17.566	12.330	148.19	40.957	14.044	26.254	63.831

#1	-.14340	.00056	-.00008	-.00524	.00422	.00065	-.00032
#2	-.18408	.00047	.00351	-.00952	.00515	.00045	-.00085

Sample Name: CCB12 Acquired: 11/15/2018 21:46:17 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	F .0064	-.00002	F 2.2675	F<.00000
Stddev	.00007	.0008	.00006	.1366	.07691
%RSD	2.8265	11.92	303.24	6.0225	38.271

#1	-.00258	.0059	.00002	2.3641	-.25533
#2	-.00248	.0070	-.00006	2.1709	-.14657

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.2	49164.	4482.3	102.86	3922.7
Stddev	9.0	128.	2.2	2.68	9.9
%RSD	.24948	.26022	.04833	2.6009	.25355

#1	3597.8	49074.	4483.9	100.97	3915.6
#2	3610.5	49255.	4480.8	104.75	3929.7

Sample Name: J5958-02 Acquired: 11/15/2018 21:50:23 Type: Unk
Method: P4-ICP2(v2585) 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	.00028	.00104	-.00050	.00252	-.00188	.02286	.01768	.00003
Stddev	.00364	.00073	.00024	.00192	.00098	.00737	.00194	.00006
%RSD	1307.4	70.633	48.123	76.302	52.478	32.252	10.952	226.25

#1	-.00229	.00156	-.00033	.00388	-.00118	.01765	.01631	-.00002
#2	.00285	.00052	-.00067	.00116	-.00257	.02808	.01905	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	28.347	-.00058	.00009	.00120	.03143	.00158	5.9023
Stddev	.00008	.397	.00034	.00015	.00029	.01079	.00007	.0240
%RSD	78.583	1.4007	58.459	165.81	24.026	34.329	4.3496	.40588

#1	-.00004	28.066	-.00034	.00020	.00140	.02380	.00163	5.9192
#2	-.00015	28.627	-.00082	-.00002	.00099	.03906	.00153	5.8853

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00038	25.178	.00029	.00038	1.7202	.00025	.01749
Stddev	.00003	.00013	.324	.00002	.00008	.0107	.00028	.00329
%RSD	41.671	34.671	1.2882	6.6313	21.315	.62504	111.81	18.815

#1	-.00005	-.00028	24.949	.00028	.00044	1.7126	.00045	.01516
#2	-.00009	-.00047	25.408	.00031	.00032	1.7278	.00005	.01982

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9076	2.7916	-.00102	.00289	-.00619	.0423	.13151	2.1825
Stddev	.0019	.0548	.00002	.00074	.00130	.0016	.00166	.1062
%RSD	.04733	1.9624	2.2906	25.514	21.047	3.885	1.2597	4.8673

#1	3.9063	2.7529	-.00100	.00237	-.00527	.0412	.13033	2.2576
#2	3.9089	2.8304	-.00103	.00341	-.00711	.0435	.13268	2.1073

Sample Name: J5958-02 Acquired: 11/15/2018 21:50:23 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0378
Stddev	.2998
%RSD	28.884

#1	1.2497
#2	.82581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3628.8	49404.	4640.0	106.39	3889.2
Stddev	2.6	212.	96.5	3.80	9.3
%RSD	.07145	.42917	2.0794	3.5738	.23870

#1	3630.6	49255.	4708.3	109.08	3895.8
#2	3627.0	49554.	4571.8	103.71	3882.7

Sample Name: J5958-03 Acquired: 11/15/2018 21:54:27 Type: Unk
Method: P4-ICP2(v2585) 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	.00154	-.00175	.00241	.00480	-.00049	-.03743	.03167	.00004
Stddev	.00127	.00158	.00109	.00155	.00131	.00461	.00012	.00000
%RSD	82.244	90.408	45.033	32.206	270.76	12.325	.38575	6.7855
#1	.00065	-.00287	.00318	.00371	-.00141	-.03417	.03158	.00004
#2	.00244	-.00063	.00164	.00590	.00044	-.04070	.03175	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	57.609	-.00094	-.00037	.00028	.01978	.00215	92.371
Stddev	.00008	.341	.00023	.00003	.00072	.00483	.00004	.226
%RSD	37.945	.59163	23.861	7.5538	253.86	24.424	1.9048	.24492
#1	-.00015	57.368	-.00078	-.00035	.00080	.01636	.00218	92.531
#2	-.00026	57.850	-.00110	-.00039	-.00023	.02319	.00212	92.211
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	-.00106	795.68	.00092	-.00020	33.083	.00088	.34860
Stddev	.00002	.00014	3.70	.00093	.00006	.079	.00021	.00267
%RSD	.65866	13.292	.46558	101.10	28.408	.23958	23.869	.76735
#1	-.00338	-.00096	793.06	.00157	-.00024	33.027	.00103	.35049
#2	-.00341	-.00116	798.30	.00026	-.00016	33.139	.00073	.34671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.409	2.4942	-.02430	-.00019	.00656	.0600	.66601	4.3764
Stddev	.441	.0064	.00038	.00012	.00045	.0003	.00259	.0040
%RSD	.61804	.25575	1.5464	65.563	6.7974	.4461	.38874	.09188
#1	71.721	2.4987	-.02456	-.00027	.00687	.0602	.66418	4.3736
#2	71.097	2.4897	-.02403	-.00010	.00624	.0598	.66784	4.3793

Sample Name: J5958-03 Acquired: 11/15/2018 21:54:27 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5726
Stddev	.6879
%RSD	12.345

#1	6.0590
#2	5.0861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.9	42808.	4335.0	95.393	3143.2
Stddev	12.7	63.	3.8	2.212	11.7
%RSD	.39077	.14715	.08656	2.3183	.37201

#1	3239.9	42763.	4337.7	96.956	3134.9
#2	3257.8	42852.	4332.4	93.829	3151.4

Sample Name: J5958-04 Acquired: 11/15/2018 21:58:36 Type: Unk
Method: P4-ICP2(v2585) 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	.00241	-.00084	-.00004	-.00177	-.00154	-.02009	.01782	-.00001
Stddev	.00085	.00004	.00040	.00020	.00015	.00787	.00001	.00001
%RSD	35.328	4.7671	1143.7	11.276	9.6708	39.157	.06874	276.76

#1	.00180	-.00081	-.00032	-.00163	-.00164	-.02565	.01783	.00001
#2	.00301	-.00086	.00025	-.00192	-.00143	-.01453	.01781	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	29.677	-.00069	-.00002	.00090	.03756	.00100	11.210
Stddev	.00005	.120	.00030	.00029	.00064	.00700	.00002	.111
%RSD	34.115	.40601	43.627	1187.1	71.135	18.642	1.8195	.99368

#1	-.00019	29.762	-.00090	.00018	.00135	.03261	.00101	11.131
#2	-.00012	29.592	-.00048	-.00023	.00045	.04251	.00098	11.289

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00042	74.405	.00006	-.00045	3.5614	.00019	.03450
Stddev	.00010	.00025	.427	.00011	.00006	.0335	.00003	.01289
%RSD	19.272	59.642	.57431	174.39	13.810	.94042	13.415	37.362

#1	-.00046	-.00060	74.707	-.00001	-.00041	3.5377	.00021	.02539
#2	-.00060	-.00024	74.102	.00014	-.00049	3.5851	.00017	.04361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7681	2.7472	-.00185	.00204	-.00669	.0450	.16623	2.8842
Stddev	.0140	.0171	.00035	.00494	.00042	.0018	.00022	.2100
%RSD	.18020	.62307	19.178	242.42	6.3096	4.035	.13122	7.2817

#1	7.7582	2.7593	-.00160	-.00145	-.00698	.0463	.16638	3.0327
#2	7.7780	2.7351	-.00210	.00553	-.00639	.0438	.16607	2.7356

Sample Name: J5958-04 Acquired: 11/15/2018 21:58:36 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8053
Stddev .8927
%RSD 49.449

#1 2.4365
#2 1.1740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.7	47855.	4538.6	99.874	3735.3
Stddev	9.7	113.	24.8	.987	13.4
%RSD	.27256	.23513	.54587	.98818	.35978

#1	3555.5	47776.	4521.1	99.176	3744.8
#2	3541.8	47935.	4556.1	100.57	3725.8

Sample Name: J5959-01 Acquired: 11/15/2018 22:02:39 Type: Unk
Method: P4-ICP2(v2585) 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	.00355	-.00162	-.00088	.00020	-.00085	-.00863	.01866	.00009
Stddev	.00083	.00036	.00037	.00377	.00000	.00332	.00018	.00002
%RSD	23.241	22.181	41.847	1899.8	.58724	38.455	.97091	25.303
#1	.00413	-.00188	-.00115	.00287	-.00085	-.00628	.01853	.00010
#2	.00297	-.00137	-.00062	-.00247	-.00085	-.01097	.01879	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	28.116	-.00068	.00031	.00076	.05317	.00136	5.5214
Stddev	.00012	.008	.00032	.00002	.00029	.00738	.00003	.0462
%RSD	98.609	.02969	46.460	7.4852	38.152	13.884	2.5491	.83711
#1	-.00004	28.122	-.00090	.00030	.00055	.05838	.00134	5.5540
#2	-.00021	28.110	-.00046	.00033	.00096	.04795	.00138	5.4887
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00031	22.118	.00050	-.00048	1.6009	.00023	.02726
Stddev	.00015	.00012	.212	.00047	.00007	.0286	.00033	.00561
%RSD	28.884	39.566	.95972	93.352	15.304	1.7891	148.23	20.593
#1	.00040	-.00040	22.268	.00084	-.00054	1.5806	.00046	.02329
#2	.00061	-.00023	21.968	.00017	-.00043	1.6211	-.00001	.03123
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7275	2.8279	-.00054	.00048	-.00696	.0416	.13119	2.4116
Stddev	.0052	.0211	.00031	.00192	.00312	.0014	.00042	.1080
%RSD	.14049	.74684	56.872	403.56	44.897	3.366	.32392	4.4766
#1	3.7312	2.8130	-.00032	.00184	-.00475	.0426	.13149	2.4879
#2	3.7238	2.8428	-.00076	-.00088	-.00917	.0406	.13089	2.3352

Sample Name: J5959-01 Acquired: 11/15/2018 22:02:39 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3023
 Stddev .4565
 %RSD 35.053

#1 .97952
 #2 1.6251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.0	48545.	4520.1	104.34	3863.4
Stddev	2.8	86.	4.7	1.57	18.7
%RSD	.07883	.17771	.10318	1.5035	.48475

#1	3571.0	48606.	4516.8	105.45	3850.2
#2	3575.0	48484.	4523.4	103.23	3876.7

Sample Name: J5959-02 Acquired: 11/15/2018 22:06:43 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00023	-.00120	.00102	-.00172	-.02081	.01870	.00005
Stddev	.00314	.00042	.00034	.00069	.00121	.00891	.00076	.00008
%RSD	191.52	187.69	28.011	67.928	70.236	42.812	4.0497	155.96

#1	.00386	.00007	-.00096	.00053	-.00086	-.01451	.01923	.00010
#2	-.00058	-.00053	-.00144	.00151	-.00257	-.02711	.01816	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	28.061	-.00088	.00005	.00054	.04374	.00167	5.4414
Stddev	.00002	.249	.00026	.00030	.00019	.00184	.00003	.0414
%RSD	17.698	.88783	29.479	604.28	34.539	4.2178	1.9679	.76110

#1	-.00011	28.237	-.00070	.00026	.00067	.04243	.00165	5.4707
#2	-.00015	27.885	-.00106	-.00016	.00041	.04504	.00169	5.4121

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00038	21.725	.00035	-.00047	1.5993	.00033	.01779
Stddev	.00021	.00058	.152	.00023	.00003	.0338	.00005	.00360
%RSD	55.280	151.62	.70092	64.197	6.8583	2.1122	14.391	20.244

#1	-.00052	-.00079	21.833	.00051	-.00049	1.5754	.00030	.02034
#2	-.00023	.00003	21.618	.00019	-.00045	1.6232	.00036	.01524

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7491	2.8167	-.00088	.00166	-.00631	.0417	.13135	2.3666
Stddev	.0080	.0306	.00049	.00008	.00063	.0000	.00158	.2815
%RSD	.21339	1.0860	56.007	4.8200	9.9982	.0237	1.2010	11.894

#1	3.7435	2.8384	-.00123	.00160	-.00676	.0417	.13246	2.1676
#2	3.7548	2.7951	-.00053	.00172	-.00587	.0417	.13023	2.5656

Sample Name: J5959-02 Acquired: 11/15/2018 22:06:43 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.81187
Stddev	.05261
%RSD	6.4802

#1	.84907
#2	.77467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.5	48643.	4549.5	105.47	3848.9
Stddev	38.1	172.	8.0	1.04	23.8
%RSD	1.0625	.35292	.17547	.98725	.61960

#1	3611.4	48765.	4543.9	104.73	3865.8
#2	3557.6	48522.	4555.2	106.20	3832.1

Sample Name: J5959-03 Acquired: 11/15/2018 22:10:46 Type: Unk
Method: P4-ICP2(v2585) 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	.00258	-.00222	-.00198	-.00024	-.00040	-.00387	.01920	.00001
Stddev	.00035	.00251	.00009	.00407	.00004	.01039	.00030	.00002
%RSD	13.414	112.73	4.6031	1713.8	10.054	268.72	1.5368	240.65

#1	.00233	-.00045	-.00192	.00264	-.00043	.00348	.01899	.00003
#2	.00282	-.00400	-.00204	-.00311	-.00037	-.01122	.01941	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	28.273	.00001	.00017	.00077	.03815	.00111	5.9057
Stddev	.00001	.092	.00025	.00007	.00010	.00455	.00006	.0038
%RSD	22.161	.32437	1824.1	39.774	12.720	11.929	5.4819	.06463

#1	-.00005	28.208	-.00016	.00012	.00070	.03493	.00106	5.9084
#2	-.00003	28.337	.00019	.00021	.00084	.04137	.00115	5.9030

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00088	24.589	.00006	-.00024	1.7171	.00010	.01359
Stddev	.00012	.00076	.064	.00068	.00005	.0062	.00005	.00083
%RSD	67.532	86.726	.25886	1050.7	19.269	.36268	52.600	6.1007

#1	-.00026	-.00142	24.634	.00055	-.00021	1.7215	.00006	.01418
#2	-.00009	-.00034	24.544	-.00042	-.00027	1.7127	.00013	.01301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6760	2.8922	-.00083	.00091	-.00749	.0412	.12894	2.5499
Stddev	.0090	.0288	.00024	.00224	.00049	.0010	.00046	.0088
%RSD	.24496	.99633	28.679	245.62	6.5887	2.485	.35568	.34635

#1	3.6823	2.9126	-.00066	-.00067	-.00784	.0419	.12862	2.5437
#2	3.6696	2.8718	-.00100	.00249	-.00714	.0405	.12927	2.5562

Sample Name: J5959-03 Acquired: 11/15/2018 22:10:46 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0288
Stddev .5119
%RSD 49.758

#1 1.3908
#2 .66684

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3569.8	48569.	4499.0	103.90	3858.8
Stddev	8.9	115.	9.5	1.49	7.2
%RSD	.25039	.23739	.21061	1.4363	.18783

#1	3576.1	48651.	4492.3	102.85	3853.7
#2	3563.4	48488.	4505.7	104.96	3863.9

Sample Name: J5959-04 Acquired: 11/15/2018 22:14:51 Type: Unk
Method: P4-ICP2(v2585) 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	-.00057	-.00080	.00250	-.00087	-.00902	.01837	.00008
Stddev	.00224	.00081	.00100	.00165	.00010	.00075	.00010	.00005
%RSD	1730.9	140.57	124.89	65.910	11.654	8.3070	.55813	55.723

#1	.00171	-.00115	-.00151	.00133	-.00094	-.00955	.01844	.00005
#2	-.00146	-.00000	-.00009	.00366	-.00080	-.00849	.01829	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	28.154	-.00027	.00012	.00089	.03703	.00109	5.9311
Stddev	.00000	.206	.00030	.00006	.00012	.00057	.00002	.1070
%RSD	3.0547	.73343	109.72	46.395	13.953	1.5429	1.6208	1.8044

#1	-.00012	28.300	-.00048	.00008	.00080	.03743	.00111	5.8554
#2	-.00013	28.008	-.00006	.00016	.00098	.03663	.00108	6.0067

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00083	24.921	.00052	-.00040	1.7192	.00035	.02332
Stddev	.00008	.00065	.003	.00018	.00000	.0279	.00001	.00851
%RSD	76.956	78.768	.01047	33.572	.43087	1.6233	3.0525	36.491

#1	-.00005	-.00037	24.920	.00040	-.00041	1.7389	.00036	.01730
#2	-.00016	-.00129	24.923	.00065	-.00040	1.6995	.00035	.02934

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6568	2.8588	-.00120	.00029	-.00712	.0415	.12706	2.3842
Stddev	.0355	.0212	.00007	.00291	.00193	.0010	.00024	.0961
%RSD	.96953	.74010	5.7319	1017.5	27.148	2.512	.19046	4.0296

#1	3.6819	2.8737	-.00125	-.00177	-.00575	.0408	.12723	2.3162
#2	3.6317	2.8438	-.00115	.00234	-.00848	.0423	.12689	2.4521

Sample Name: J5959-04 Acquired: 11/15/2018 22:14:51 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3587
Stddev	.2919
%RSD	21.486

#1	1.5651
#2	1.1523

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.0	48547.	4534.4	103.09	3871.3
Stddev	15.1	36.	10.4	.56	26.0
%RSD	.41695	.07452	.22905	.53988	.67108

#1	3601.3	48521.	4527.1	103.48	3853.0
#2	3622.6	48573.	4541.8	102.69	3889.7

Sample Name: J5959-05 Acquired: 11/15/2018 22:18:55 Type: Unk
Method: P4-ICP2(v2585) 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	.00101	-.00133	-.00045	.00015	-.00032	-.01069	.01739	.00006
Stddev	.00077	.00059	.00092	.00102	.00147	.02612	.00008	.00007
%RSD	76.396	44.051	205.51	675.86	465.60	244.25	.46996	106.79

#1	.00156	-.00175	-.00110	.00087	-.00136	-.02916	.01744	.00002
#2	.00047	-.00092	.00020	-.00057	.00073	.00777	.01733	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	28.406	-.00052	-.00004	.00101	.04944	.00164	5.3983
Stddev	.00007	.011	.00009	.00017	.00009	.00378	.00003	.0557
%RSD	53.816	.03735	17.989	397.52	9.2669	7.6510	1.9210	1.0312

#1	-.00017	28.399	-.00059	.00008	.00107	.05211	.00162	5.3589
#2	-.00008	28.414	-.00046	-.00016	.00094	.04676	.00166	5.4376

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00060	22.104	.00002	-.00051	1.5640	-.00012	.01069
Stddev	.00016	.00029	.047	.00002	.00002	.0164	.00030	.00600
%RSD	365.13	48.829	.21070	77.394	4.2448	1.0502	240.73	56.099

#1	-.00007	-.00081	22.137	.00003	-.00052	1.5756	.00009	.00645
#2	.00015	-.00039	22.071	.00001	-.00049	1.5524	-.00033	.01493

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8292	2.7907	-.00108	.00065	-.00756	.0427	.13324	2.4495
Stddev	.0229	.0024	.00044	.00009	.00035	.0001	.00044	.2482
%RSD	.59876	.08734	40.632	13.977	4.6396	.3508	.33130	10.134

#1	3.8130	2.7924	-.00139	.00072	-.00781	.0426	.13293	2.2740
#2	3.8454	2.7890	-.00077	.00059	-.00731	.0428	.13356	2.6250

Sample Name: J5959-05 Acquired: 11/15/2018 22:18:55 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.96100
Stddev	.70810
%RSD	73.684

#1	.46029
#2	1.4617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.9	48887.	4516.7	103.83	3875.6
Stddev	1.5	967.	3.0	.24	16.4
%RSD	.04303	1.9786	.06610	.23284	.42218

#1	3583.8	49571.	4514.6	103.66	3887.1
#2	3585.9	48203.	4518.8	104.00	3864.0

Sample Name: J5959-06 Acquired: 11/15/2018 22:22:59 Type: Unk
Method: P4-ICP2(v2585) 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	.00239	-.00083	-.00180	-.00134	-.00161	-.01126	.01768	.00010
Stddev	.00021	.00051	.00150	.00225	.00150	.00709	.00067	.00004
%RSD	8.6321	62.001	82.979	167.34	93.083	63.011	3.7880	41.344

#1	.00253	-.00046	-.00286	-.00293	-.00266	-.00624	.01721	.00013
#2	.00224	-.00119	-.00075	.00025	-.00055	-.01627	.01815	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	28.444	-.00052	.00009	.00058	.06414	.00194	5.3018
Stddev	.00009	.054	.00003	.00021	.00025	.00956	.00007	.0375
%RSD	65.902	.18875	4.8386	225.43	43.568	14.910	3.3515	.70807

#1	-.00021	28.482	-.00054	.00024	.00040	.05738	.00189	5.3284
#2	-.00008	28.406	-.00051	-.00006	.00076	.07090	.00199	5.2753

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00118	21.825	-.00008	-.00046	1.5571	.00004	.01593
Stddev	.00008	.00021	.065	.00001	.00011	.0226	.00020	.00313
%RSD	109.21	18.004	.29787	8.5002	23.768	1.4513	552.56	19.633

#1	.00002	-.00103	21.870	-.00008	-.00054	1.5412	.00018	.01814
#2	.00013	-.00133	21.779	-.00009	-.00038	1.5731	-.00010	.01371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8125	2.8374	-.00083	.00251	-.00712	.0428	.13361	2.7447
Stddev	.0293	.0313	.00011	.00066	.00099	.0012	.00002	.4464
%RSD	.76736	1.1017	13.708	26.129	13.846	2.884	.01323	16.262

#1	3.7918	2.8153	-.00075	.00205	-.00782	.0420	.13359	2.4291
#2	3.8332	2.8595	-.00091	.00298	-.00642	.0437	.13362	3.0604

Sample Name: J5959-06 Acquired: 11/15/2018 22:22:59 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0366
Stddev .1724
%RSD 16.632

#1 .91466
#2 1.1585

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.7	47770.	4496.8	101.54	3877.2
Stddev	9.2	1220.	1.0	.02	32.9
%RSD	.25652	2.5540	.02128	.01629	.84765

#1	3588.2	48632.	4496.2	101.53	3900.4
#2	3575.2	46907.	4497.5	101.55	3853.9

Sample Name: CCV13 Acquired: 11/15/2018 22:27:03 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NORTH-WALL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8239	5.2033	4.5236	5.0859	4.7409	9.6835	10.180	.23639
Stddev	.0031	.0058	.0004	.0163	.0127	.0874	.030	.00320
%RSD	.06472	.11231	.00792	.31967	.26882	.90252	.29569	1.3518
#1	4.8261	5.2074	4.5239	5.0974	4.7499	9.7453	10.159	.23865
#2	4.8217	5.1992	4.5234	5.0744	4.7319	9.6217	10.202	.23413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3955	26.616	1.0277	2.3332	1.2884	5.4908	2.3968	23.927
Stddev	.0007	.057	.0140	.0005	.0038	.2451	.0313	.158
%RSD	.02972	.21323	1.3604	.02148	.29261	4.4635	1.3060	.65946
#1	2.3950	26.656	1.0375	2.3329	1.2911	5.3175	2.4189	23.815
#2	2.3960	26.575	1.0178	2.3336	1.2858	5.6641	2.3747	24.038
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5526	1.2797	26.685	2.7030	2.4405	25.860	4.8586	5.4209
Stddev	.0022	.0231	.111	.0393	.0723	.098	.0009	.0432
%RSD	.08749	1.8079	.41608	1.4533	2.9608	.37713	.01887	.79692
#1	2.5541	1.2961	26.607	2.7308	2.3894	25.791	4.8593	5.3904
#2	2.5510	1.2634	26.764	2.6753	2.4916	25.929	4.8580	5.4515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7987	5.3451	4.8418	5.0371	5.2185	5.115	5.1529	F 3.8190
Stddev	.0064	.0245	.0033	.0261	.0046	.007	.0045	.1421
%RSD	.13302	.45821	.06800	.51737	.08908	.1330	.08654	3.7194
#1	4.7942	5.3278	4.8394	5.0187	5.2152	5.119	5.1560	3.9195
#2	4.8033	5.3624	4.8441	5.0555	5.2218	5.110	5.1497	3.7186

Sample Name: CCV13 Acquired: 11/15/2018 22:27:03 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NORTH-WALL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3308
Stddev	.2863
%RSD	12.282

#1	2.5332
#2	2.1284

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.5	45874.	4372.4	97.036	3462.8
Stddev	5.6	549.	.7	2.788	1.9
%RSD	.16314	1.1963	.01548	2.8732	.05384

#1	3430.5	45485.	4372.0	99.007	3461.5
#2	3438.5	46262.	4372.9	95.064	3464.1

Sample Name: CCB13 Acquired: 11/15/2018 22:30:50 Type: Unk
Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOUTH-WALL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	.00044	-.00048	-.00066	.00510	-.00766	.00274
Stddev	.00047	.00088	.00051	.00172	.00002	.00192	.00101
%RSD	88.645	199.72	107.69	262.29	.40648	25.002	36.720

#1	-.00086	-.00018	-.00011	-.00187	.00509	-.00902	.00203
#2	-.00020	.00106	-.00084	.00056	.00512	-.00631	.00345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00007	-.01661	-.00018	.00011	-.00081	-.00030
Stddev	.00002	.00003	.01236	.00006	.00008	.00006	.00942
%RSD	587.15	39.372	74.434	34.984	70.888	7.6517	3138.8

#1	.00001	-.00005	-.02535	-.00014	.00016	-.00086	-.00696
#2	-.00002	-.00009	-.00787	-.00023	.00005	-.00077	.00636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.05299	.00035	-.00088	.07327	.00006	-.00043
Stddev	.00002	.00871	.00063	.00036	.01273	.00029	.00005
%RSD	13.131	16.440	183.19	41.635	17.374	507.82	11.950

#1	-.00015	-.05915	.00079	-.00062	.06427	.00026	-.00040
#2	-.00018	-.04683	-.00010	-.00113	.08227	-.00015	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08764	.00060	.00521	-.00194	.00497	.00037	.00318
Stddev	.03855	.00012	.00715	.00099	.00116	.00024	.00095
%RSD	43.989	20.654	137.14	50.894	23.320	64.272	29.862

#1	-.06038	.00069	.00016	-.00264	.00579	.00053	.00251
#2	-.11490	.00052	.01027	-.00124	.00415	.00020	.00385

Sample Name: CCB13 Acquired: 11/15/2018 22:30:50 Type: Unk
 Method: P4-ICP2(v2585) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOUTH-WALL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00207	F .0065	.00006	F 2.5193	F<.00000
Stddev	.00045	.0014	.00006	.3553	.36736
%RSD	21.870	21.11	99.339	14.102	810.52

#1	.00239	.0074	.00002	2.7706	-.30508
#2	.00175	.0055	.00010	2.2681	.21444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.0	49460.	4371.5	98.658	3929.9
Stddev	12.4	986.	8.8	2.286	14.7
%RSD	.34468	1.9932	.20065	2.3174	.37369

#1	3578.2	48763.	4377.7	100.28	3940.3
#2	3595.7	50157.	4365.3	97.042	3919.5