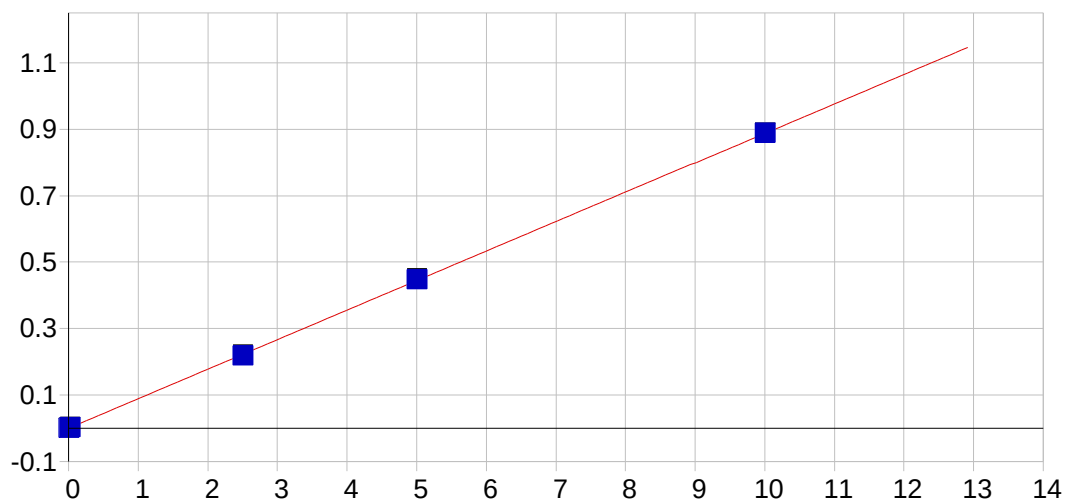


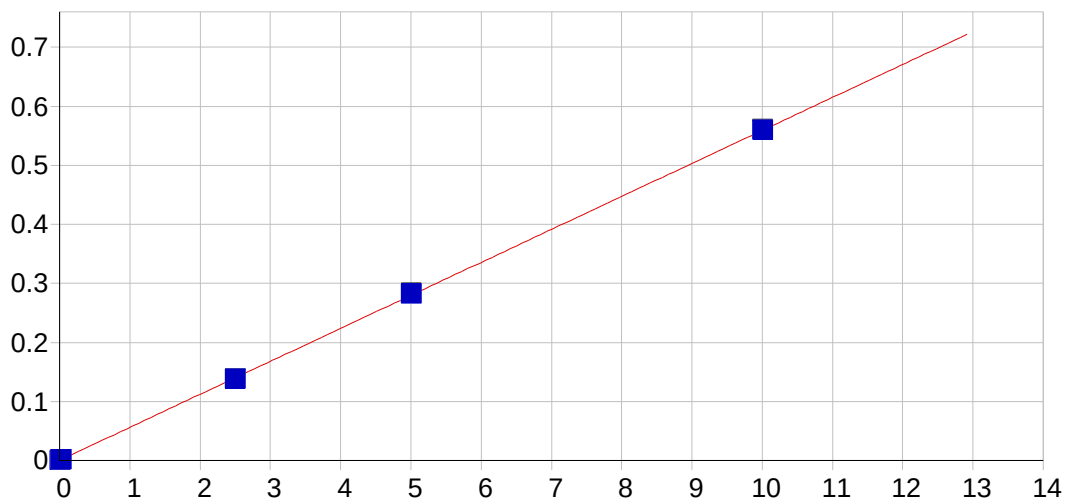


As 189.042 {478}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.088807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003737
 Predicted MQL: 0.012458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.02000	.01660	-.003	-17.0	.00135	.000	1
S3	2.5000	2.4629	-.037	-1.48	.21859	.000	1
S4	5.0000	5.0327	.033	.654	.44678	.002	1
S5	10.000	10.008	.008	.078	.88857	.000	1



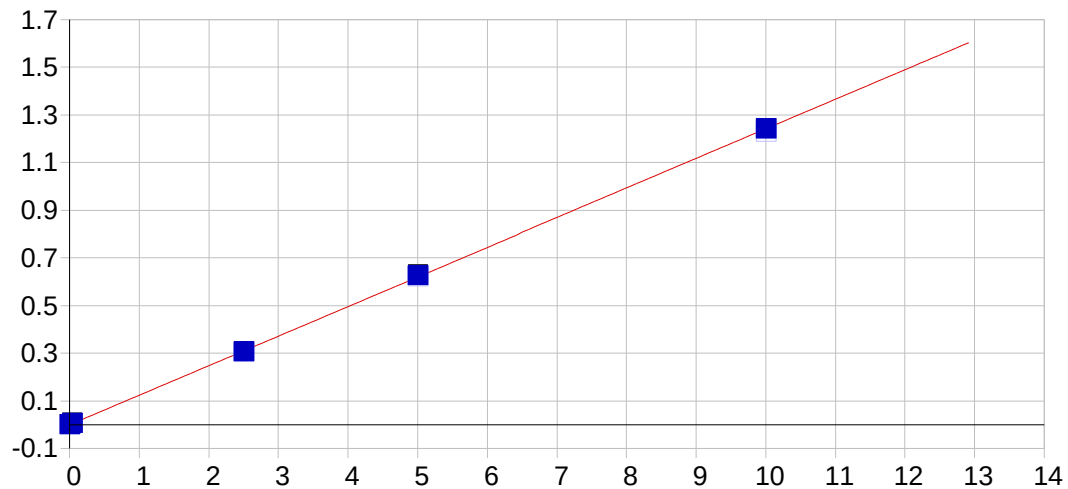
As 189.042 {479}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000274 Re-Slope: 1.000000

A1 (Gain): 0.055875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003796
 Predicted MQL: 0.012654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.02000	.01921	-.001	-3.94	.00135	.000	1
S3	2.5000	2.4553	-.045	-1.79	.13747	.000	1
S4	5.0000	5.0356	.036	.711	.28164	.001	1
S5	10.000	10.010	.010	.099	.55959	.000	1

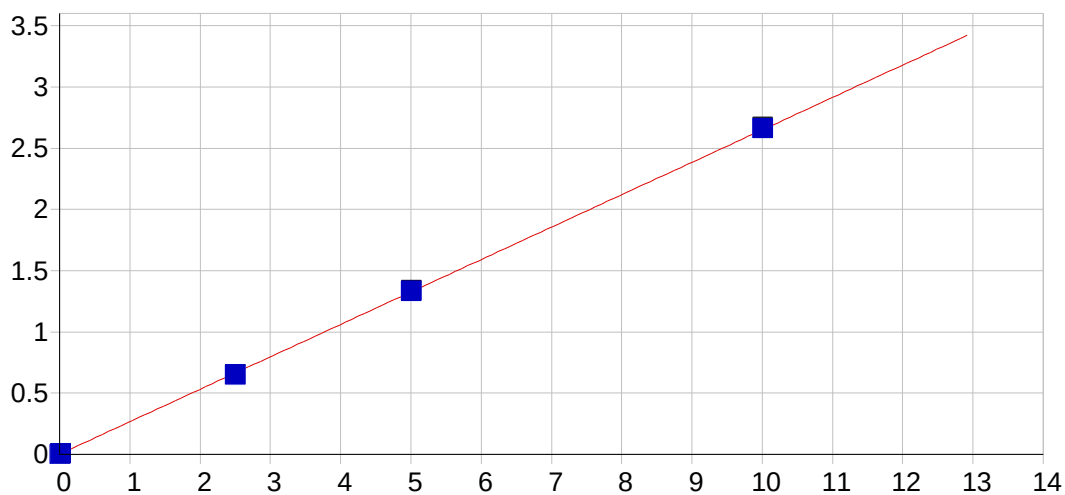


TI 190.856 {477}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000630 Re-Slope: 1.000000
 A1 (Gain): 0.124209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.001835
 Predicted MQL: 0.006118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00063	.000	1
S1	.04000	.04420	.004	10.5	.00473	.000	1
S3	2.5000	2.4602	-.040	-1.59	.30177	.000	1
S4	5.0000	5.0437	.044	.875	.61948	.001	1
S5	10.000	9.9919	-.008	-.081	1.2277	.001	1

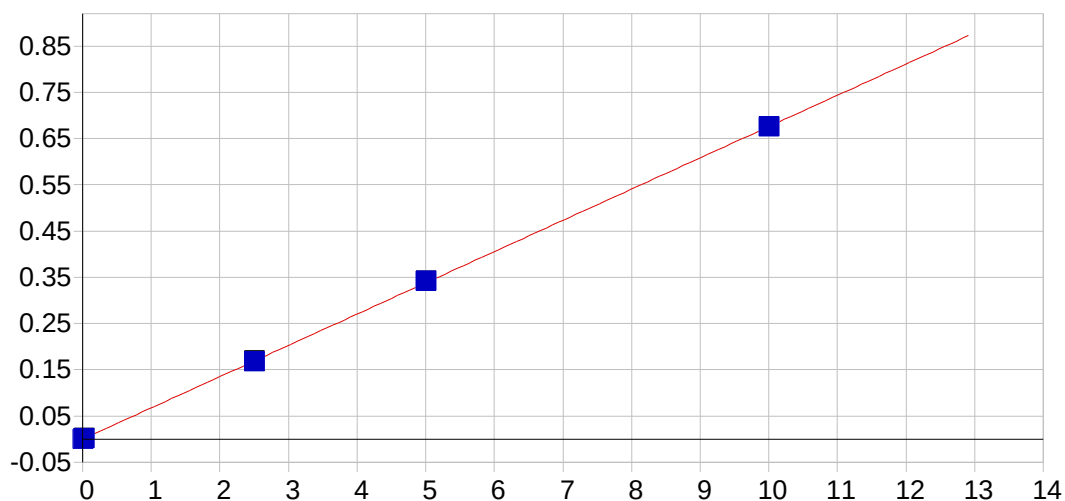


Pb 220.353 {453}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002397 Re-Slope: 1.000000
 A1 (Gain): 0.264674 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001334
 Predicted MQL: 0.004445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00240	.000	1
S1	.01200	.01418	.002	18.2	.00609	.000	1
S3	2.5000	2.4316	-.068	-2.74	.64507	.001	1
S4	5.0000	5.0178	.018	.356	1.3287	.005	1
S5	10.000	10.048	.048	.484	2.6583	.007	1



Se 196.090 {472}

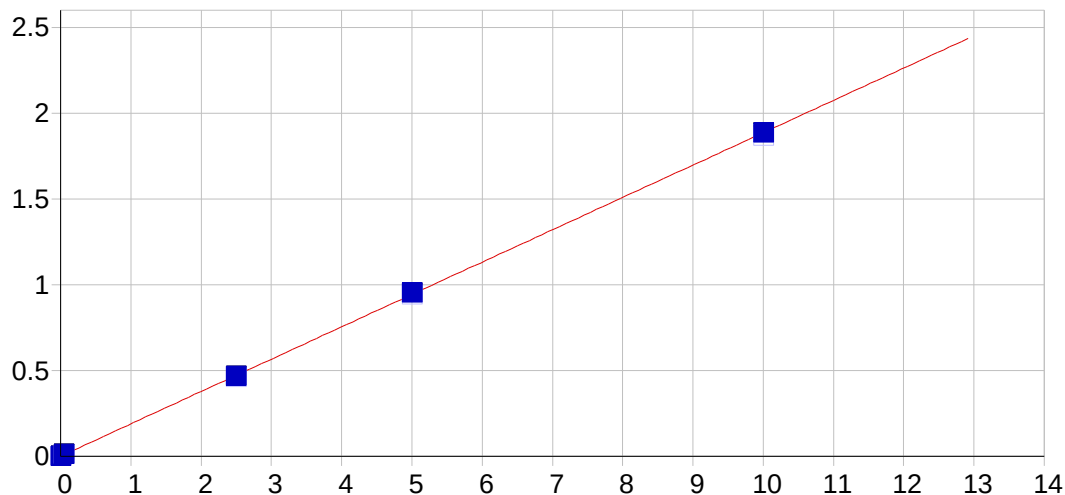
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.067578 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000010
 Predicted MDL: 0.004091
 Predicted MQL: 0.013635

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.02000	.02036	.000	1.82	.00148	.000	1
S3	2.5000	2.4758	-.024	-.968	.16739	.001	1
S4	5.0000	5.0444	.044	.889	.34095	.001	1
S5	10.000	9.9794	-.021	-.206	.67441	.000	1



Sb 206.833 {463}

Date of Fit: 10/18/2018 12:03:52

Type of Fit: Linear

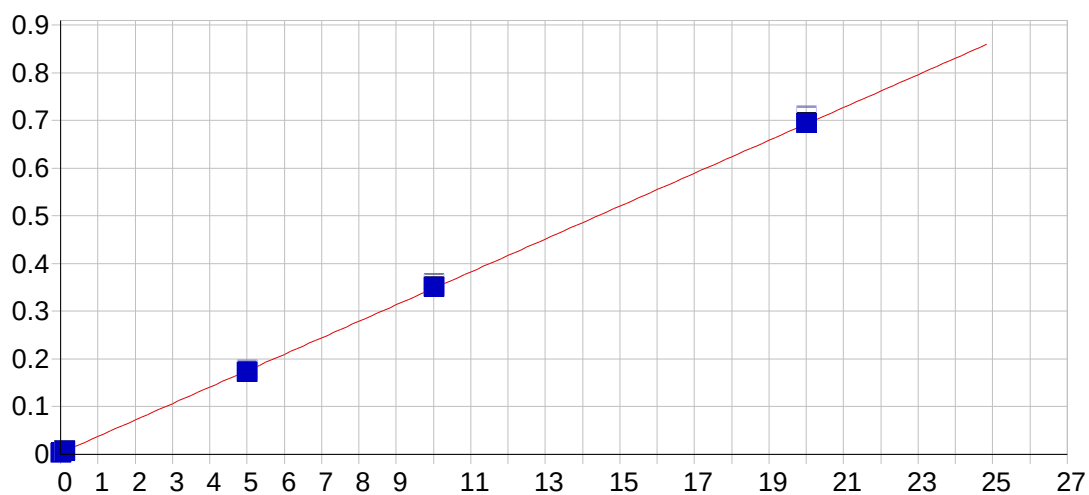
Weighting: 1/Conc

A0 (Offset): 0.000676
 A1 (Gain): 0.188526
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000074
 Predicted MDL: 0.002013
 Predicted MQL: 0.006709

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	.00067	.000	1
S1	.05000	.05678	.007	13.6	.01115	.000	1
S3	2.5000	2.4606	-.039	-1.58	.45925	.001	1
S4	5.0000	5.0375	.038	.750	.93978	.001	1
S5	10.000	9.9953	-.005	-.047	1.8638	.000	1

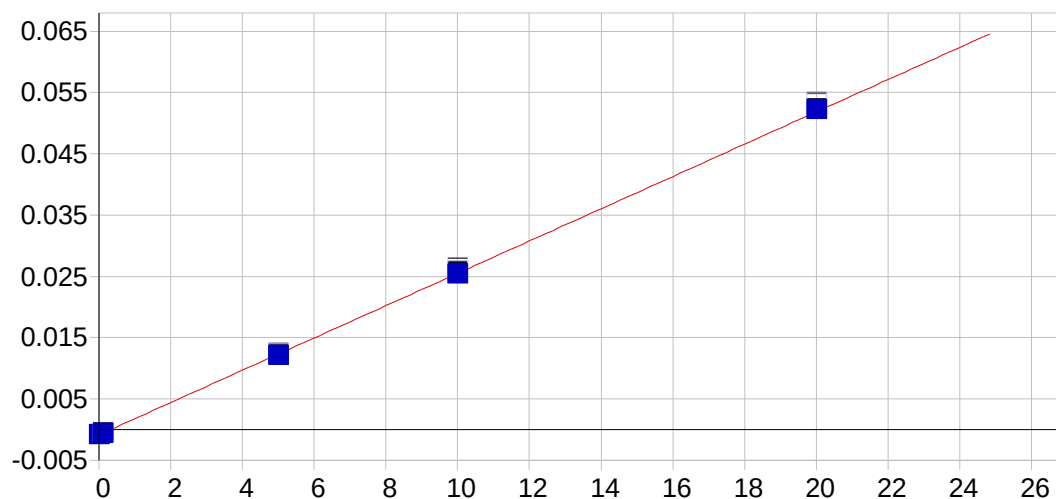


AI 308.215 {109}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003038 Re-Slope: 1.000000
 A1 (Gain): 0.034500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003161
 Predicted MQL: 0.010538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00304	.000	1
S1	.10000	.10459	.005	4.59	.00689	.000	1
S3	5.0000	4.8930	-.107	-2.14	.17528	.000	1
S4	10.000	10.061	.061	.611	.35702	.000	1
S5	20.000	20.041	.041	.205	.70820	.000	1



AI 309.271 {109}

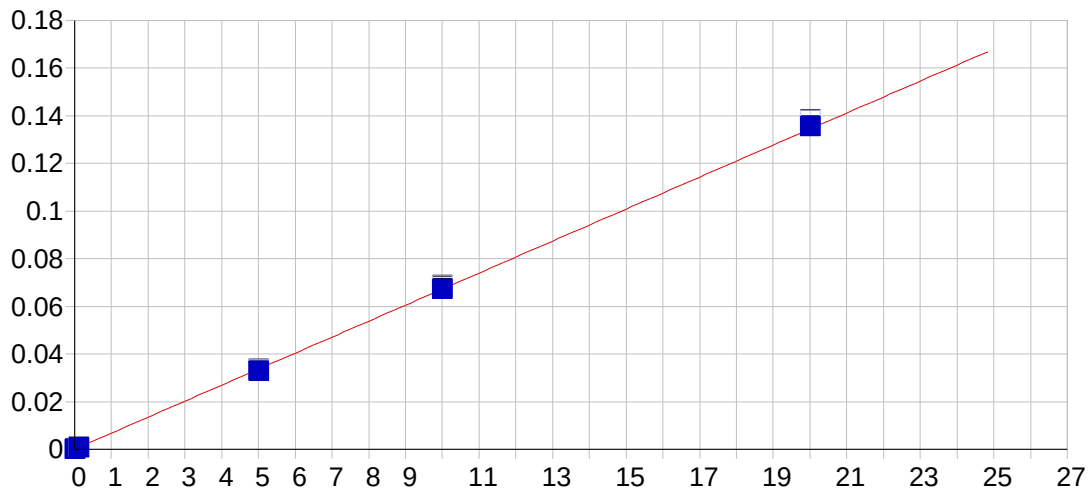
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000844 Re-Slope: 1.000000
 A1 (Gain): 0.002635 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000002
 Predicted MDL: 0.032008
 Predicted MQL: 0.106693

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00084	.000	1
S1	.10000	.09607	-.004	-3.93	-.00057	.000	1
S3	5.0000	4.9051	-.095	-1.90	.01234	.000	1
S4	10.000	9.9729	-.027	-.271	.02596	.000	1
S5	20.000	20.126	.126	.631	.05323	.000	1

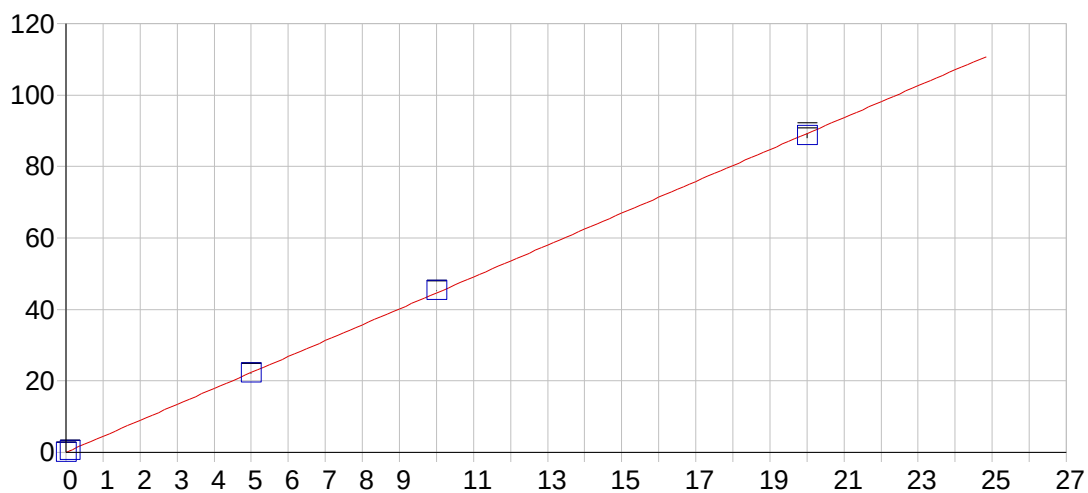


AI 396.152 { 85}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.006718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.016223
 Predicted MQL: 0.054076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00007	.000	1
S1	.10000	.08729	-.013	-12.7	.00070	.000	1
S3	5.0000	4.8590	-.141	-2.82	.03338	.000	1
S4	10.000	9.9962	-.004	-.038	.06856	.000	1
S5	20.000	20.158	.158	.790	.13817	.000	1

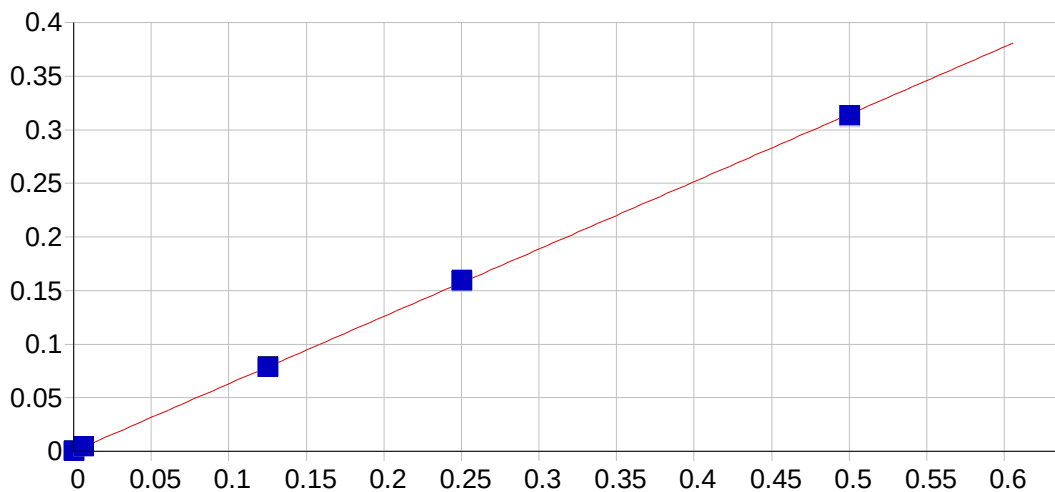


Ba 493.409 { 68}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.046089 Re-Slope: 1.000000
 A1 (Gain): 4.458574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.003482
 Predicted MDL: 0.000755
 Predicted MQL: 0.002517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.04605	.001	1
S1	.10000	.10885	.009	8.85	.53141	.000	1
S3	5.0000	4.9609	-.039	-.782	22.165	.061	1
S5	20.000	19.890	-.110	-.550	88.727	.713	1
S4	10.000	10.140	.140	1.40	45.257	.051	1



Be 234.861 {144}

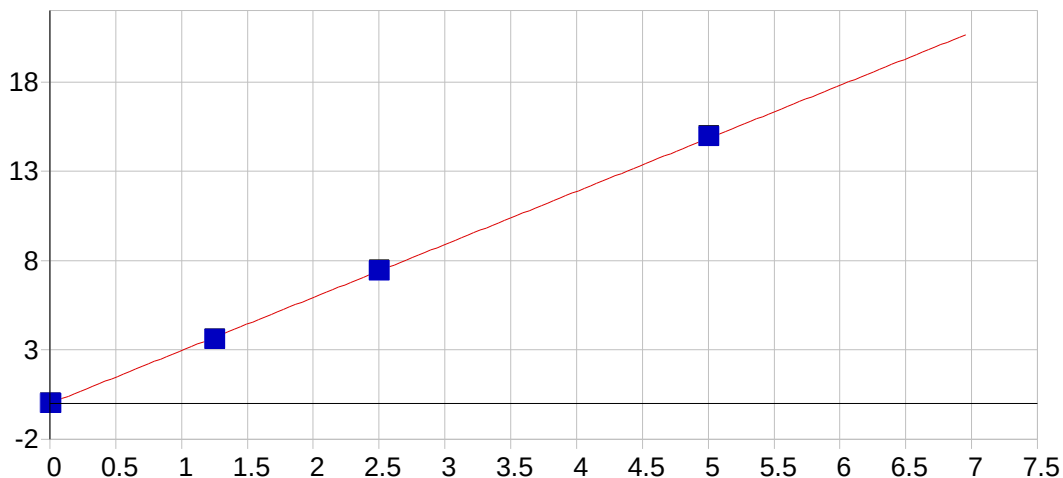
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.628770 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000016
 Predicted MDL: 0.000094
 Predicted MQL: 0.000314

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.00600	.00638	.000	6.39	.00409	.000	1
S3	.12500	.12459	-.000	-.324	.07797	.000	1
S4	.25000	.25243	.002	.971	.15785	.000	1
S5	.50000	.49760	-.002	-.481	.31102	.000	1



Cd 226.502 {449}

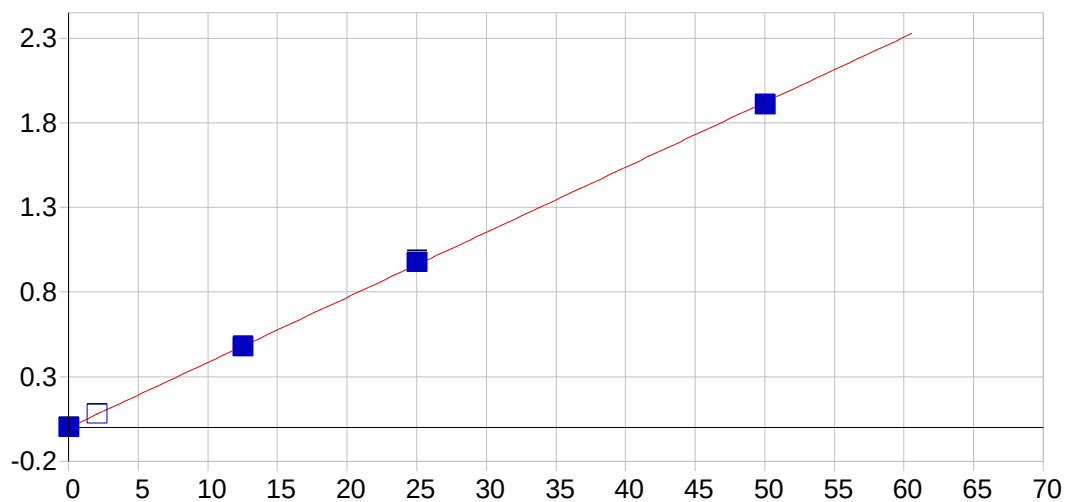
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001085
 A1 (Gain): 2.968647
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000355
 Predicted MDL: 0.000125
 Predicted MQL: 0.000417

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	-.00108	.000	1
S1	.00600	.00609	.000	1.54	.01704	.000	1
S3	1.2500	1.2113	-.039	-3.09	3.5958	.007	1
S4	2.5000	2.5055	.006	.221	7.4387	.023	1
S5	5.0000	5.0330	.033	.661	14.944	.022	1

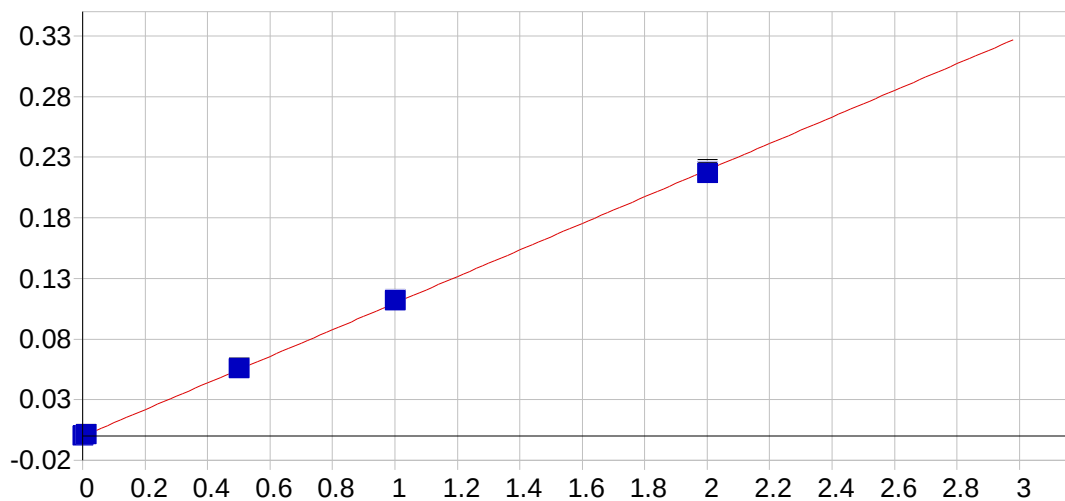


Ca 373.690 { 90}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.038430 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000275
 Predicted MDL: 0.024803
 Predicted MQL: 0.082675

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0919	.092	4.59	.08031	.000	1
S0	.00000	-.00010	-.000	.000	-.00008	.000	1
S3	12.500	12.445	-.055	-.438	.47846	.000	1
S4	25.000	25.414	.414	1.66	.97711	.009	1
S5	50.000	49.549	-.451	-.902	1.9051	.003	1



Cr 267.716 {126}

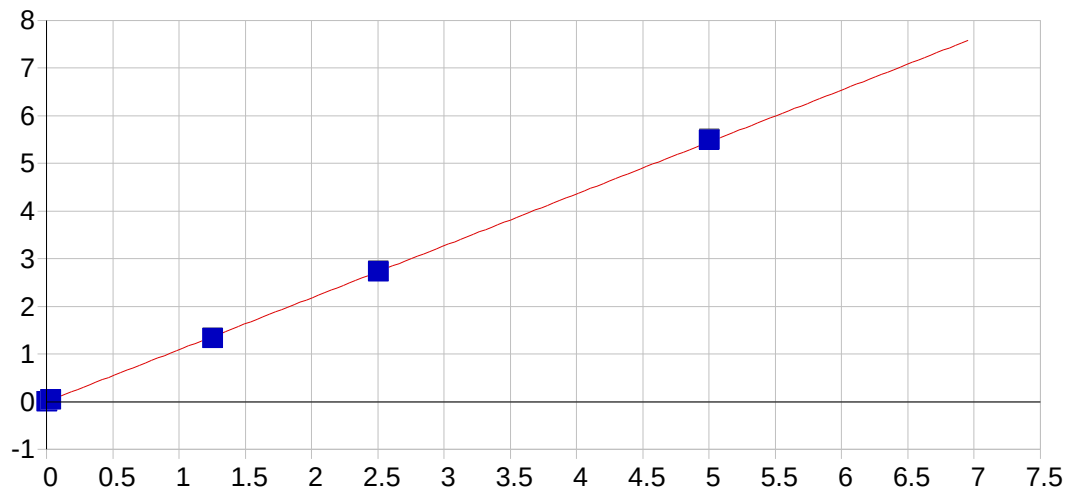
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.109671 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000012
 Predicted MDL: 0.000694
 Predicted MQL: 0.002313

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	.01085	.001	8.50	.00111	.000	1
S3	.50000	.50617	.006	1.23	.05583	.000	1
S4	1.0000	1.0170	.017	1.70	.11227	.000	1
S5	2.0000	1.9760	-.024	-1.20	.21825	.001	1

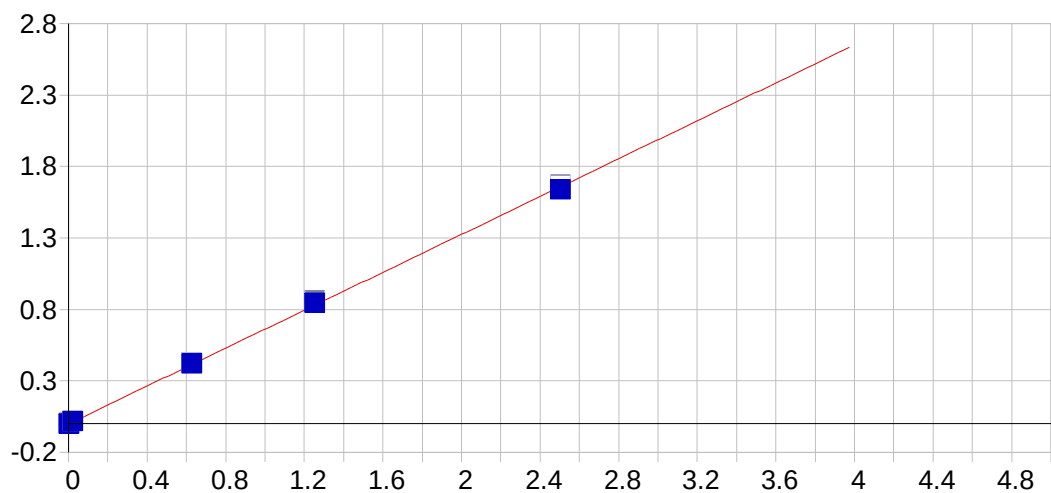


Co 228.616 {447}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 1.090025 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000323
 Predicted MDL: 0.000307
 Predicted MQL: 0.001023

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.03000	.03348	.003	11.6	.03624	.000	1
S3	1.2500	1.2122	-.038	-3.02	1.3224	.005	1
S4	2.5000	2.5018	.002	.071	2.7291	.004	1
S5	5.0000	5.0325	.033	.651	5.4898	.011	1

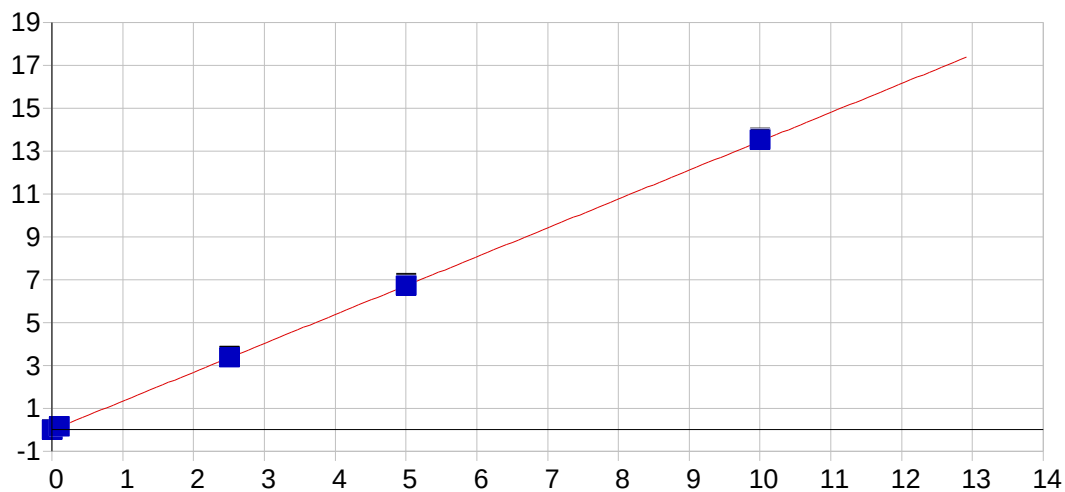


Cu 224.700 {450}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000753 Re-Slope: 1.000000
 A1 (Gain): 0.662711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000664
 Predicted MQL: 0.002212

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00075	.000	1
S1	.02000	.02201	.002	10.0	.01406	.000	1
S3	.62500	.63144	.006	1.03	.42506	.001	1
S4	1.2500	1.2710	.021	1.68	.85628	.001	1
S5	2.5000	2.4705	-.029	-1.18	1.6659	.001	1



Fe 240.488 {140}

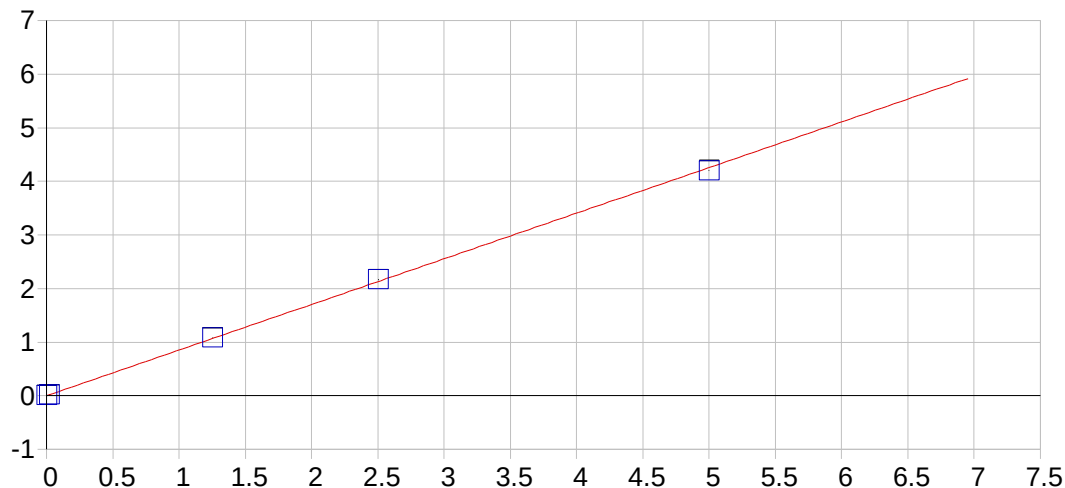
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006525 Re-Slope: 1.000000
 A1 (Gain): 1.346560 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000269
 Predicted MDL: 0.009347
 Predicted MQL: 0.031156

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00653	.006	1
S1	.10000	.10039	.000	.389	.12931	.001	1
S3	2.5000	2.4922	-.008	-.311	3.3663	.060	1
S4	5.0000	4.9760	-.024	-.481	6.7278	.080	1
S5	10.000	10.031	.031	.314	13.569	.038	1



Mn 257.610 {131}

Date of Fit: 10/18/2018 12:03:52

Type of Fit: Linear

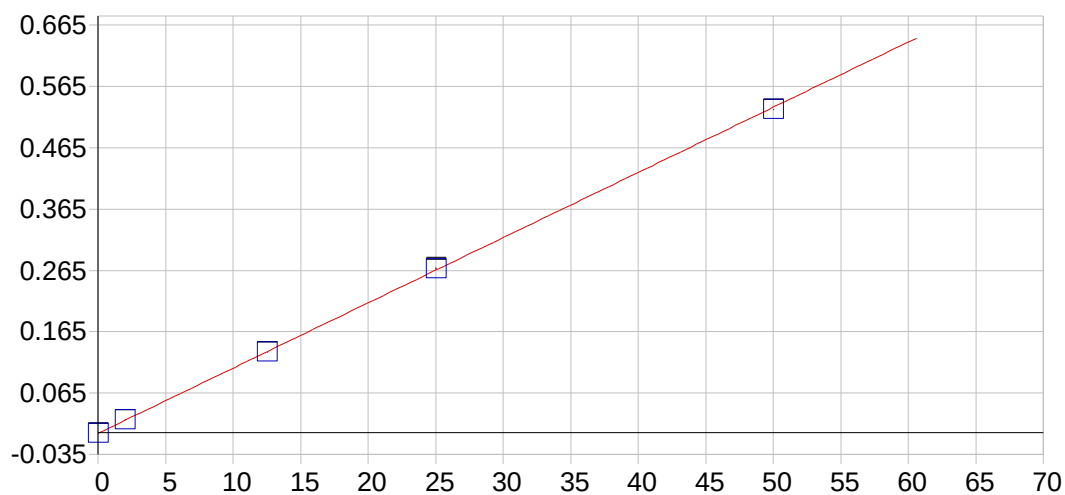
Weighting: 1/Conc

A0 (Offset): -0.000011
 A1 (Gain): 0.851264
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000257
 Predicted MDL: 0.000088
 Predicted MQL: 0.000294

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	.02000	.02302	.003	15.1	.01958	.000	1
S3	1.2500	1.2699	.020	1.59	1.0810	.002	1
S4	2.5000	2.5486	.049	1.94	2.1695	.000	1
S5	5.0000	4.9285	-.072	-1.43	4.1954	.006	1

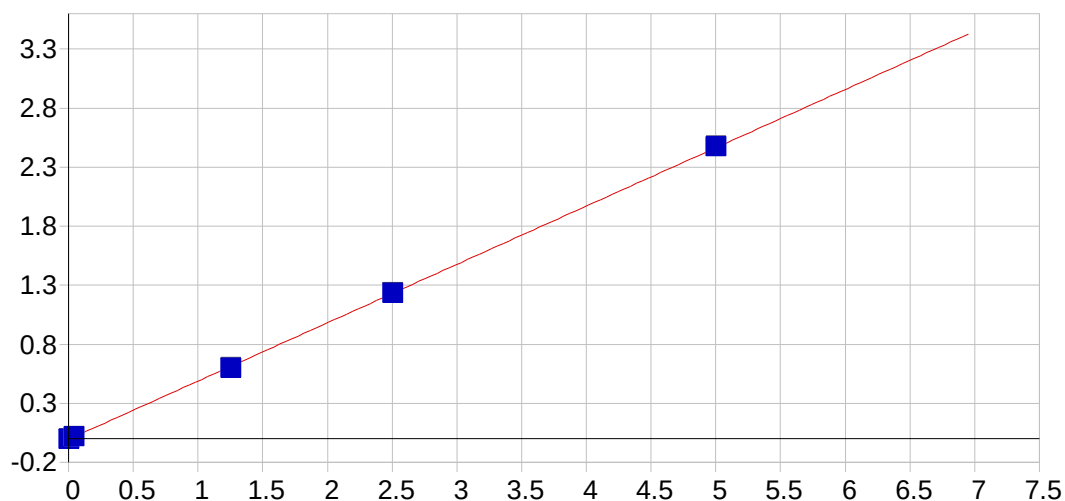


Mg 279.079 {121}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000641 Re-Slope: 1.000000
 A1 (Gain): 0.010634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.048164
 Predicted MQL: 0.160546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0687	.069	3.44	.02136	.000	1
S0	.00000	-.00008	-.000	.000	-.00064	.000	1
S3	12.500	12.489	-.011	-.085	.13218	.000	1
S4	25.000	25.278	.278	1.11	.26817	.001	1
S5	50.000	49.664	-.336	-.671	.52751	.000	1



Ni 231.604 {445}

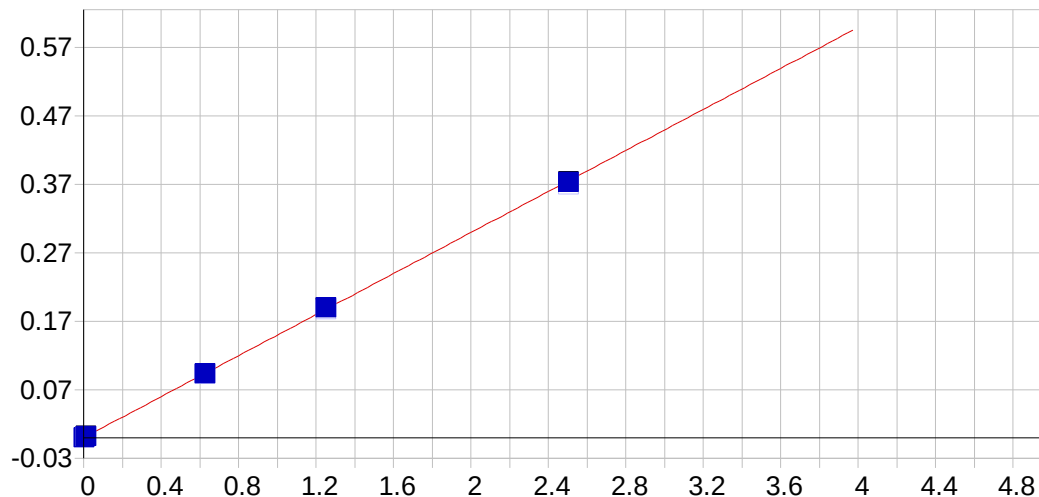
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005072 Re-Slope: 1.000000
 A1 (Gain): 0.493840 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000141
 Predicted MDL: 0.000629
 Predicted MQL: 0.002097

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00507	.000	1
S1	.04000	.04434	.004	10.8	.01683	.000	1
S3	1.2500	1.2212	-.029	-2.30	.59870	.001	1
S4	2.5000	2.5049	.005	.195	1.2333	.003	1
S5	5.0000	5.0195	.020	.391	2.4765	.003	1

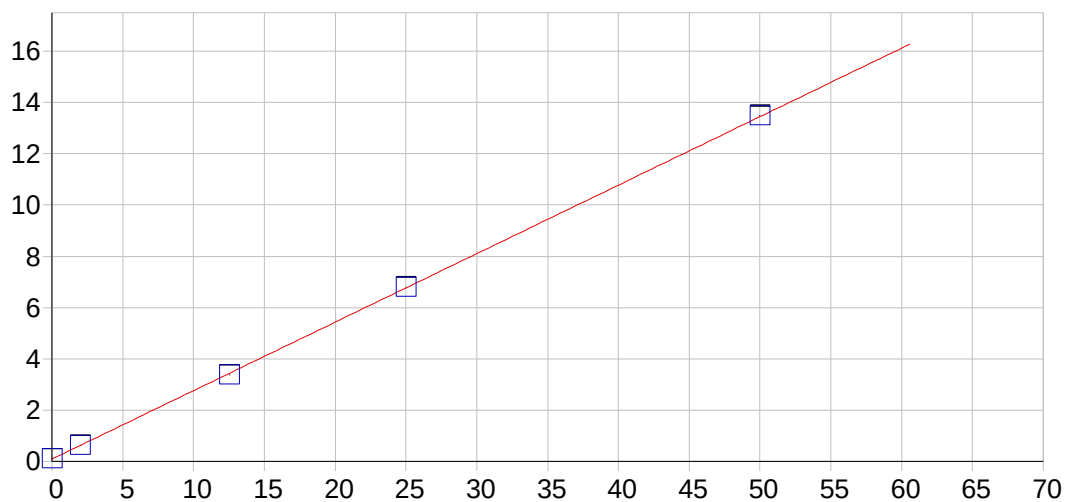


Ag 328.068 {103}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.149924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.000751
 Predicted MQL: 0.002505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01075	.001	7.50	.00164	.000	1
S3	.62500	.62115	-.004	-.615	.09212	.000	1
S4	1.2500	1.2627	.013	1.02	.18725	.001	1
S5	2.5000	2.4904	-.010	-.386	.36917	.001	1

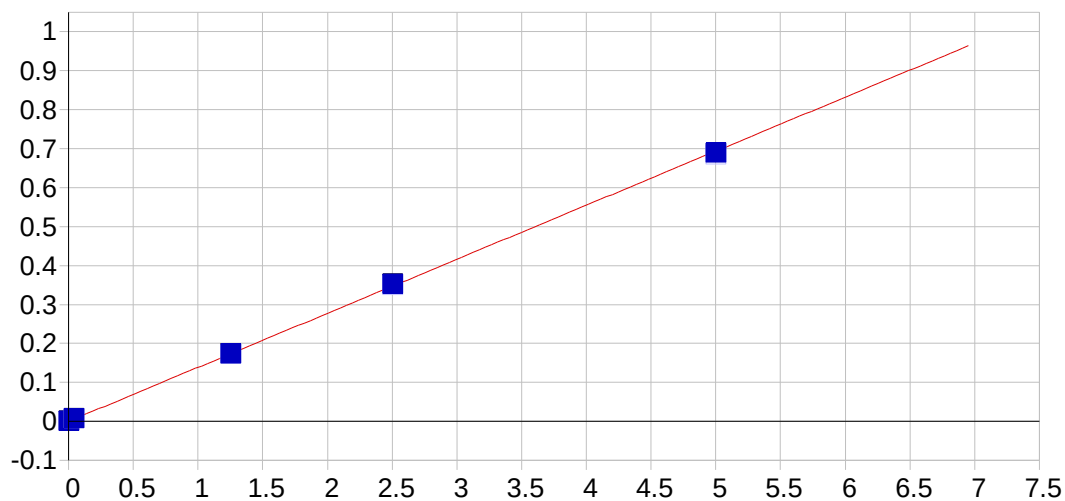


Na 589.592 { 57}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.088184 Re-Slope: 1.000000
 A1 (Gain): 0.267217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.001177
 Predicted MDL: 0.011174
 Predicted MQL: 0.037246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0032	.003	.161	.62348	.004	1
S0	.00000	.00002	.000	.000	.08819	.000	1
S3	12.500	12.250	-.250	-2.00	3.3617	.001	1
S4	25.000	25.105	.105	.420	6.7967	.007	1
S5	50.000	50.141	.141	.283	13.487	.026	1



V 292.402 {115}

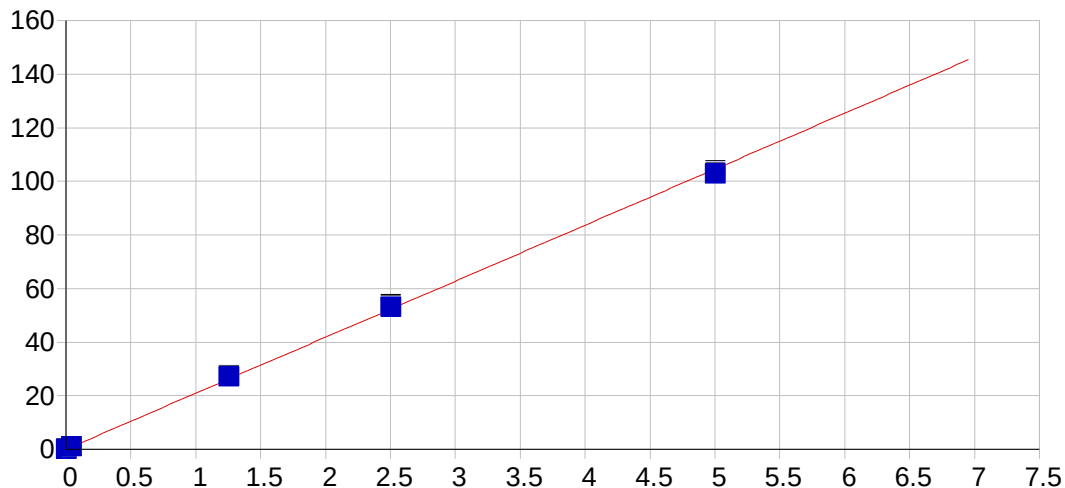
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.138725 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000046
 Predicted MDL: 0.000650
 Predicted MQL: 0.002166

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.04000	.04573	.006	14.3	.00614	.000	1
S3	1.2500	1.2500	-.000	-.003	.17215	.000	1
S4	2.5000	2.5347	.035	1.39	.34924	.001	1
S5	5.0000	4.9597	-.040	-.807	.68338	.001	1



Zn 206.200 {163}

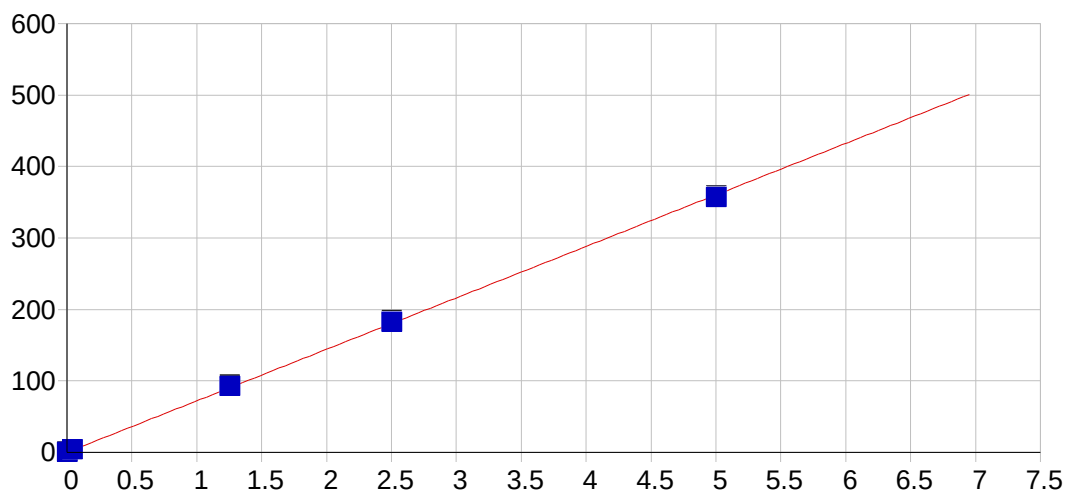
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017327
 A1 (Gain): 20.901915
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718
 Std Error of Est: 0.012084
 Predicted MDL: 0.000695
 Predicted MQL: 0.002316

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	.01713	.005	1
S1	.04000	.04843	.008	21.1	1.0350	.020	1
S3	1.2500	1.2917	.042	3.33	27.173	.357	1
S4	2.5000	2.5336	.034	1.34	53.291	.677	1
S5	5.0000	4.9163	-.084	-1.67	103.41	.408	1

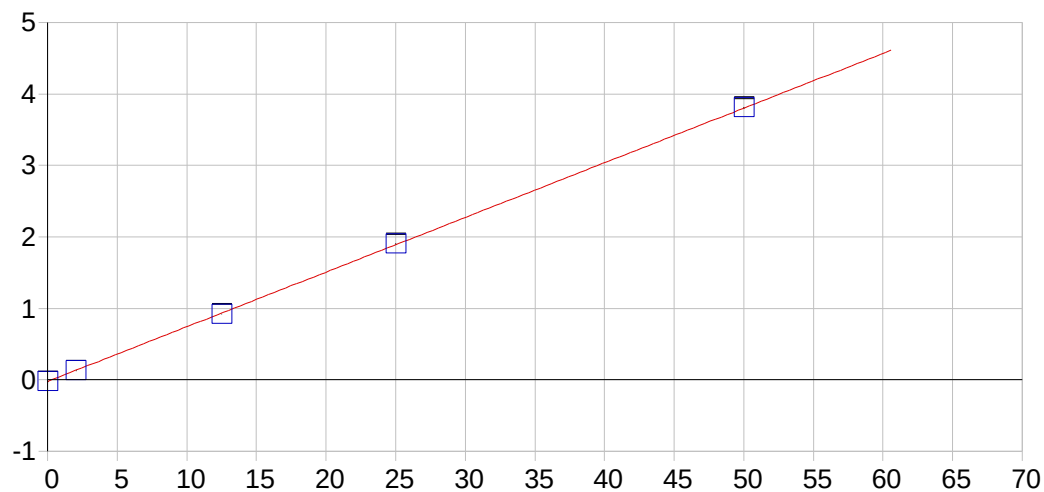


Zn 213.856 {458}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.110315 Re-Slope: 1.000000
 A1 (Gain): 72.040112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.030517
 Predicted MDL: 0.000104
 Predicted MQL: 0.000345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10973	.012	1
S1	.04000	.04733	.007	18.3	3.5388	.002	1
S3	1.2500	1.2770	.027	2.16	92.647	1.41	1
S4	2.5000	2.5205	.021	.820	182.78	1.26	1
S5	5.0000	4.9452	-.055	-1.10	358.54	.229	1



K 766.490 {44}

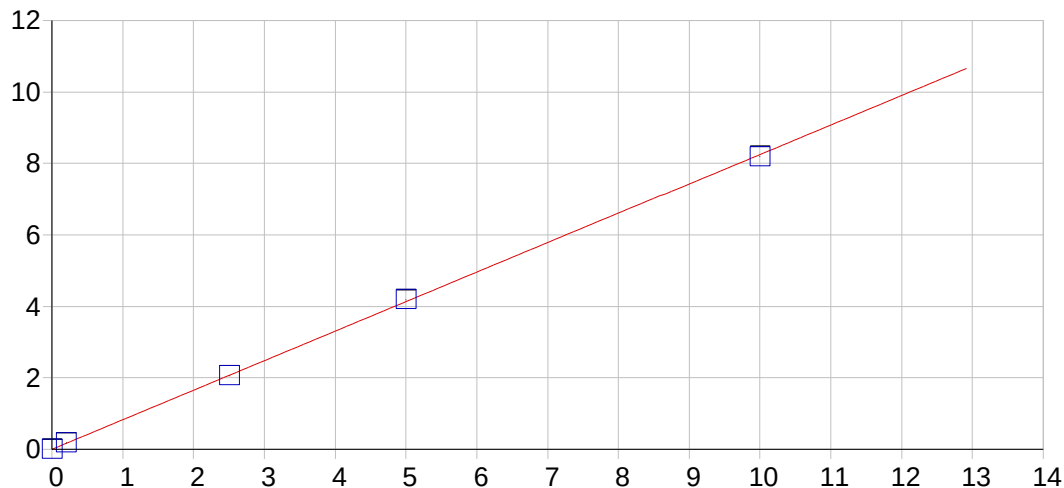
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.021934 Re-Slope: 1.000000
 A1 (Gain): 0.076477 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000268
 Predicted MDL: 0.041556
 Predicted MQL: 0.138519

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9807	-.019	-.964	.12955	.001	1
S0	.00000	.00003	.000	.000	-.02193	.001	1
S3	12.500	12.323	-.177	-1.41	.92053	.003	1
S4	25.000	25.156	.156	.623	1.9019	.006	1
S5	50.000	50.040	.040	.080	3.8050	.013	1



Mo 202.030 {467}

Date of Fit: 10/18/2018 12:03:52

Type of Fit: Linear

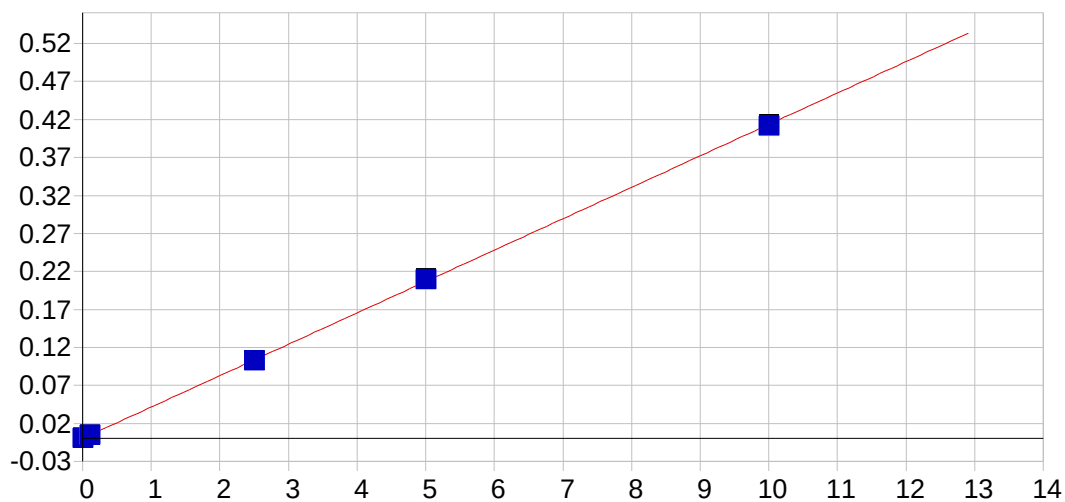
Weighting: 1/Conc

A0 (Offset): 0.000161
 A1 (Gain): 0.825581
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000686
 Predicted MDL: 0.000373
 Predicted MQL: 0.001245

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	.00015	.000	1
S1	.20000	.20954	.010	4.77	.17316	.001	1
S3	2.5000	2.4978	-.002	-.088	2.0623	.000	1
S4	5.0000	5.0708	.071	1.42	4.1865	.008	1
S5	10.000	9.9218	-.078	-.782	8.1914	.004	1

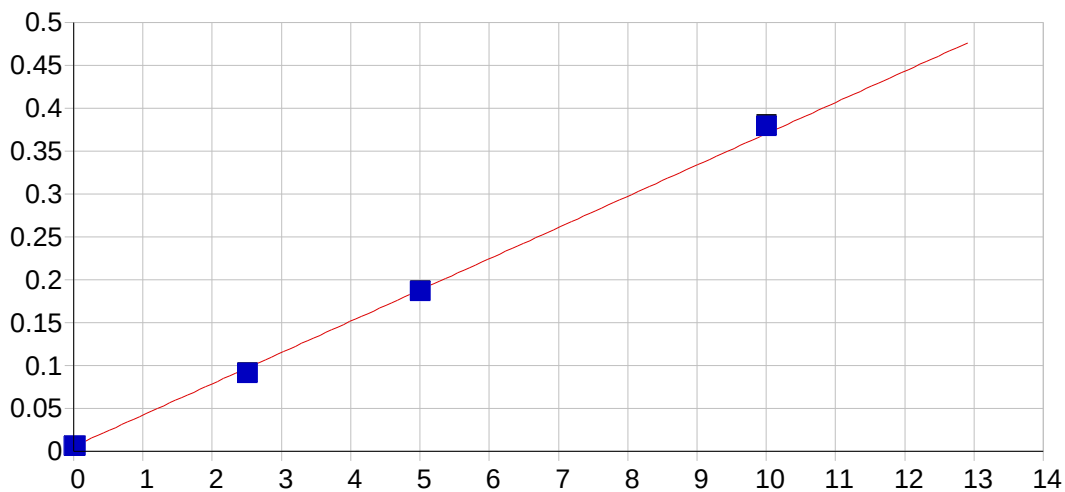


B 249.678 {135}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.041324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.009182
 Predicted MQL: 0.030606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00023	.000	1
S1	.10000	.10927	.009	9.27	.00473	.000	1
S3	2.5000	2.4765	-.023	-.939	.10233	.000	1
S4	5.0000	5.0569	.057	1.14	.20872	.001	1
S5	10.000	9.9573	-.043	-.427	.41074	.001	1



S 182.034 {485}

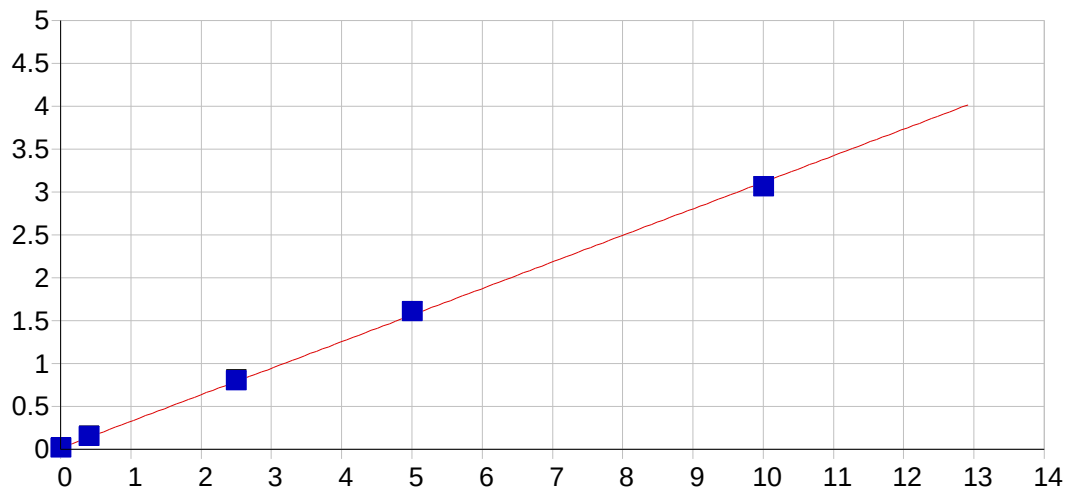
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005835 Re-Slope: 1.000000
 A1 (Gain): 0.036456 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999104
 Std Error of Est: 0.000037
 Predicted MDL: 0.004561
 Predicted MQL: 0.015205

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00584	.000	1
S1	.02000	.00348	-.017	-82.6	.00594	.000	1
S3	2.5000	2.3295	-.170	-6.82	.09066	.000	1
S4	5.0000	4.9503	-.050	-.994	.18610	.000	1
S5	10.000	10.236	.236	2.36	.37860	.001	1



Si 288.158 {117}

Date of Fit: 10/18/2018 12:03:52

Type of Fit: Linear

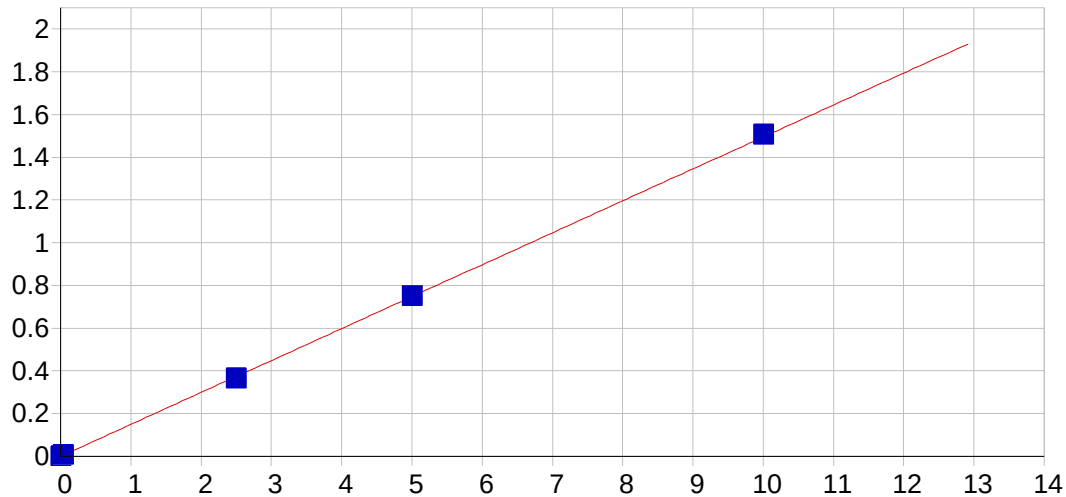
Weighting: 1/Conc

A0 (Offset): 0.016353
 A1 (Gain): 0.309747
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774
 Std Error of Est: 0.000719
 Predicted MDL: 0.003236
 Predicted MQL: 0.010787

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	.01634	.001	1
S1	.40000	.42620	.026	6.55	.14827	.003	1
S3	2.5000	2.5302	.030	1.21	.79966	.007	1
S4	5.0000	5.1202	.120	2.40	1.6015	.005	1
S5	10.000	9.8234	-.177	-1.77	3.0575	.001	1

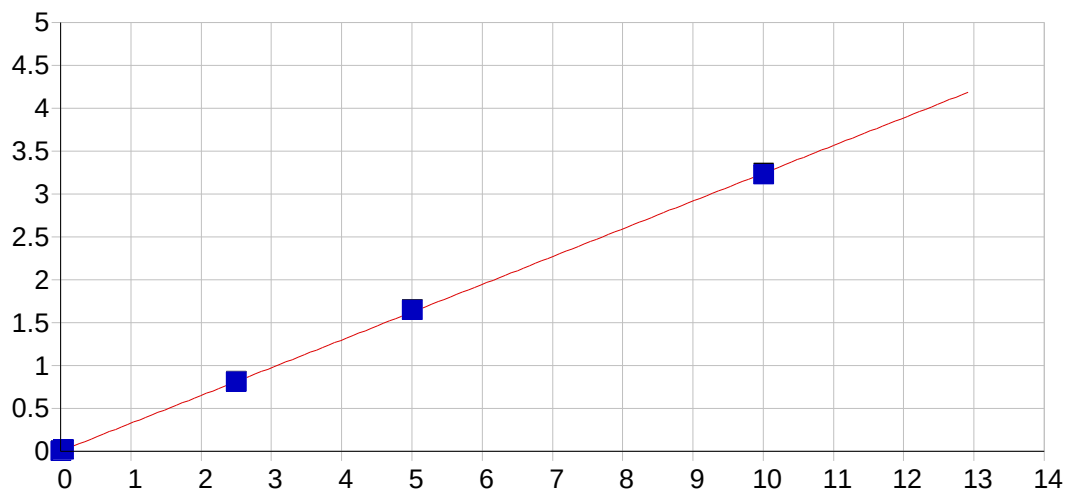


Sn 189.989 {477}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000318 Re-Slope: 1.000000
 A1 (Gain): 0.149480 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001126
 Predicted MQL: 0.003752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.04000	.04348	.003	8.71	.00682	.000	1
S3	2.5000	2.4220	-.078	-3.12	.36242	.002	1
S4	5.0000	5.0170	.017	.340	.75039	.001	1
S5	10.000	10.057	.057	.575	1.5040	.003	1



Ti 336.121 {100}

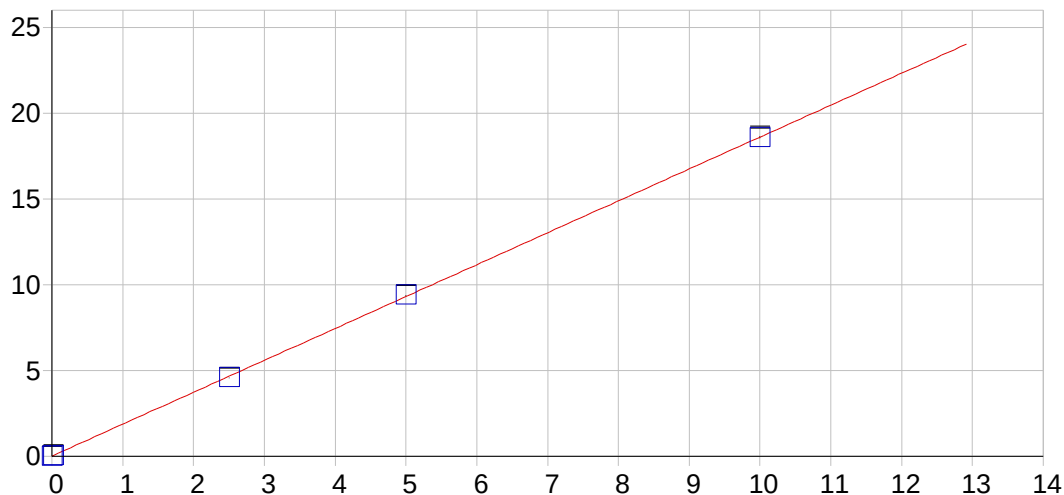
Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003131 Re-Slope: 1.000000
 A1 (Gain): 0.323857 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000108
 Predicted MDL: 0.002229
 Predicted MQL: 0.007430

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00313	.000	1
S1	.04000	.04337	.003	8.42	.01717	.001	1
S3	2.5000	2.4877	-.012	-.492	.80868	.001	1
S4	5.0000	5.0694	.069	1.39	1.6447	.001	1
S5	10.000	9.9395	-.060	-.605	3.2217	.014	1



Li 670.784 { 50}

Date of Fit: 10/18/2018 12:03:52

Type of Fit: Linear

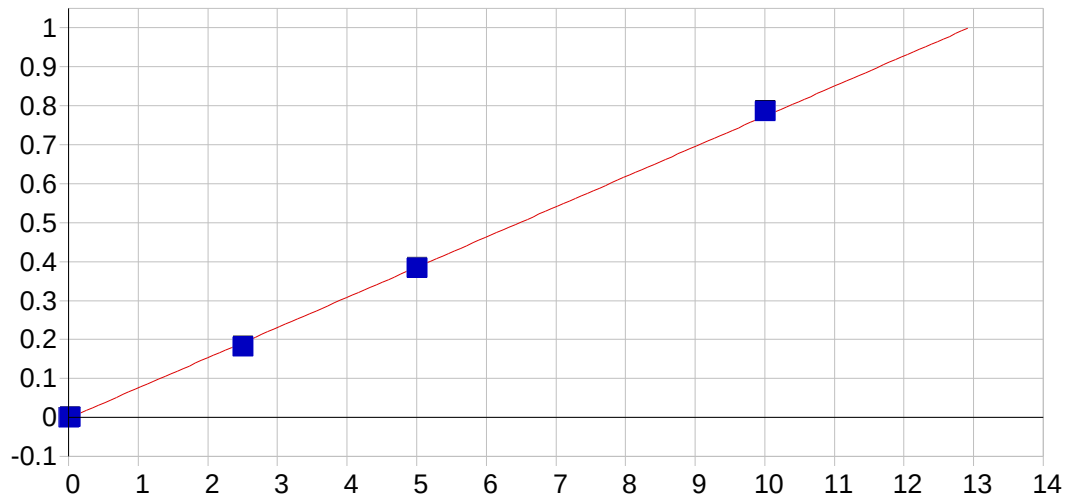
Weighting: 1/Conc

A0 (Offset): 0.014650
 A1 (Gain): 1.859261
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000391
 Predicted MDL: 0.001643
 Predicted MQL: 0.005475

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	.01465	.000	1
S1	.02000	.02182	.002	9.12	.05522	.004	1
S3	2.5000	2.4578	-.042	-1.69	4.5843	.018	1
S4	5.0000	5.0470	.047	.940	9.3983	.020	1
S5	10.000	9.9934	-.007	-.066	18.595	.052	1

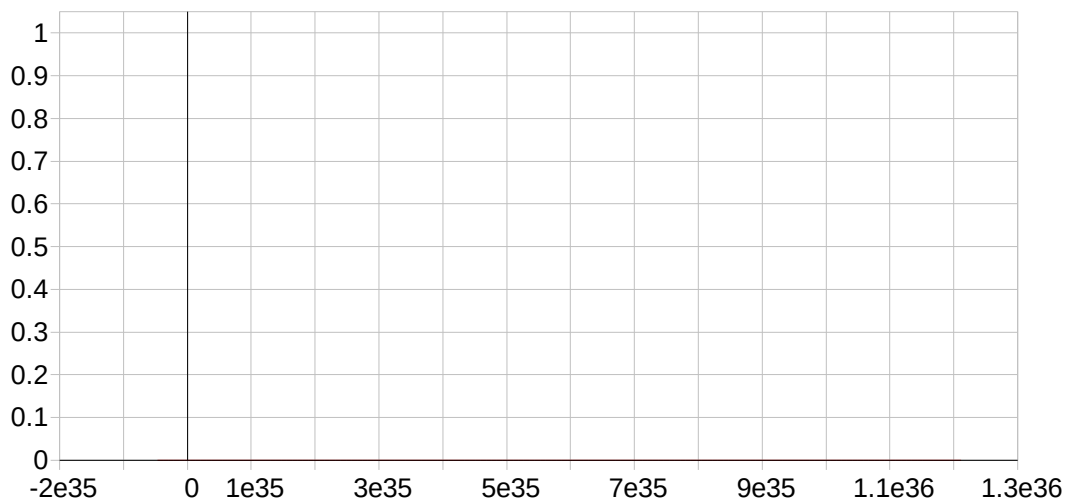


P 177.495 {490}

Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001867 Re-Slope: 1.000000
 A1 (Gain): 0.077478 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.002295
 Predicted MQL: 0.007649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00187	.000	1
S1	.02000	.01774	-.002	-11.3	-.00050	.000	1
S3	2.5000	2.3667	-.133	-5.33	.18122	.000	1
S4	5.0000	4.9760	-.024	-.480	.38310	.000	1
S5	10.000	10.160	.160	1.60	.78416	.001	1



Y 224.306 {450}*

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

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

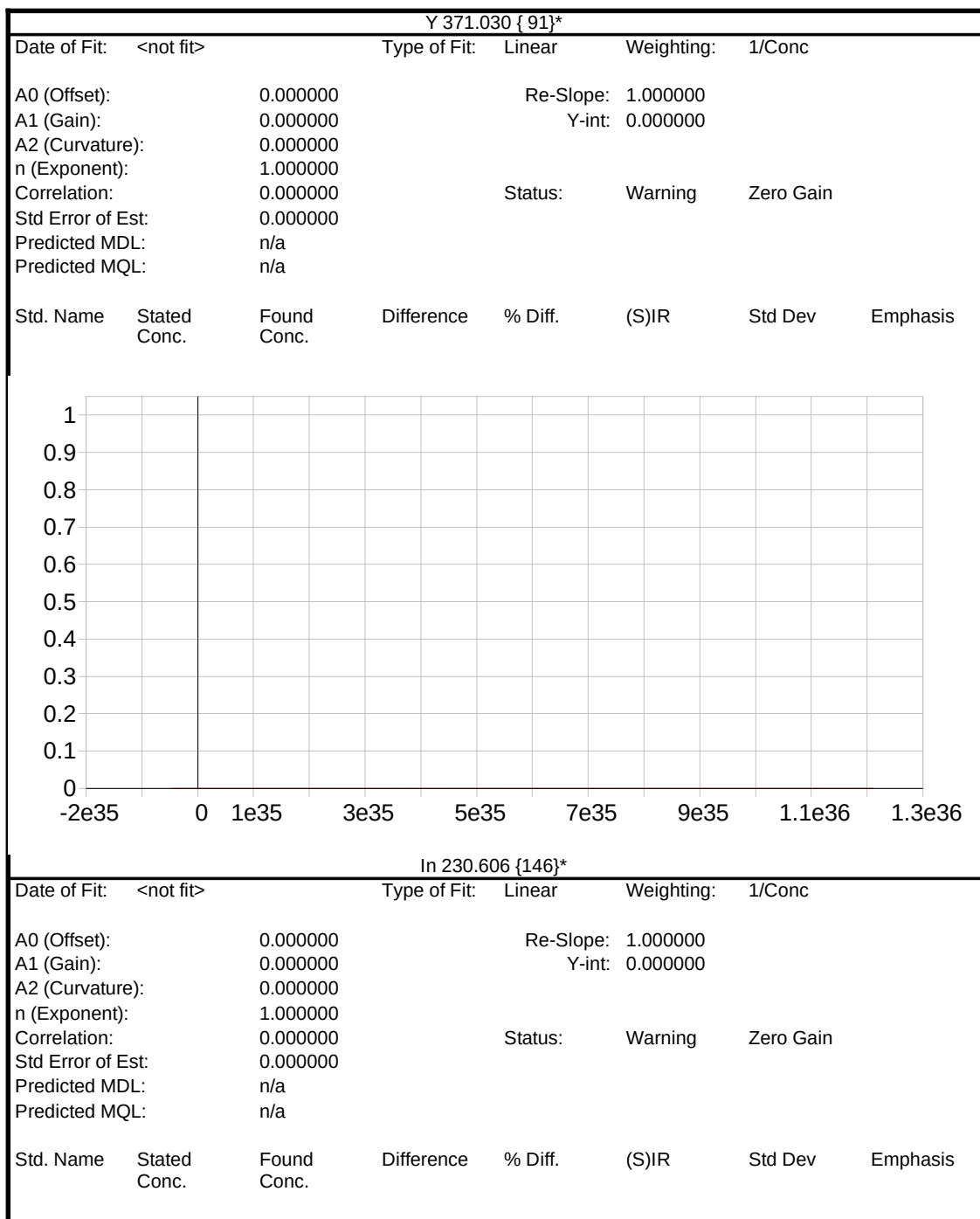
Status: Warning Zero Gain

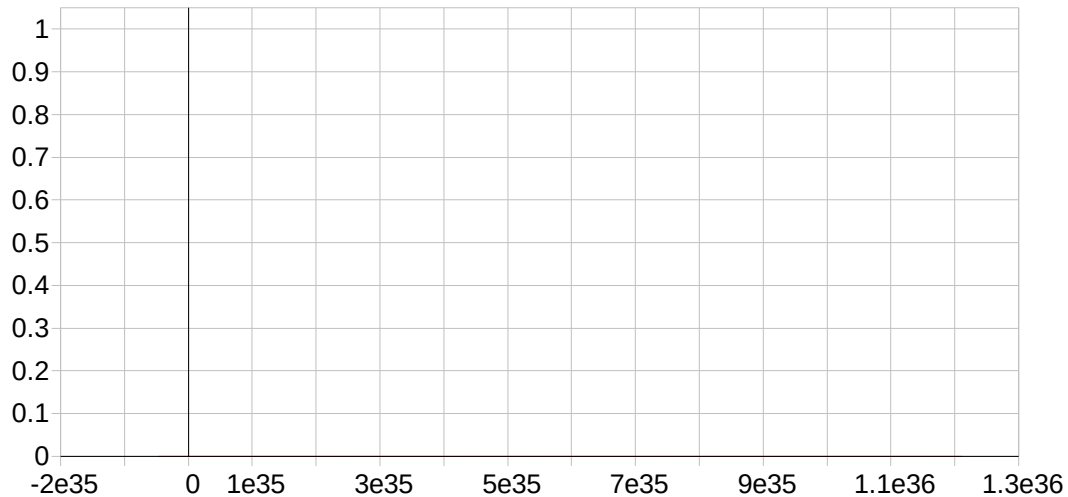
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.



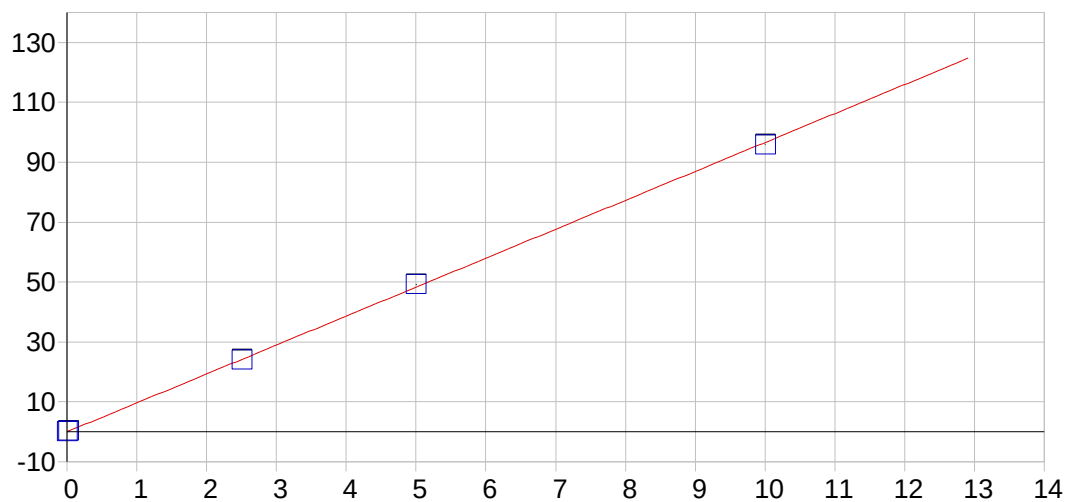


Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

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



Date of Fit: 10/18/2018 12:03:52 Type of Fit: Linear Weighting: 1/Conc

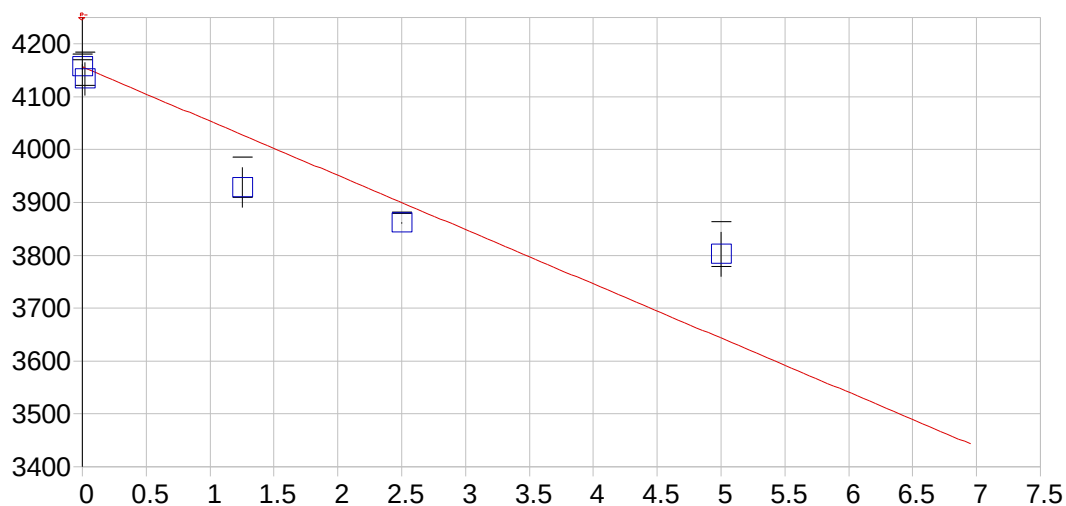
Re-Slope: 1.000000
Y-int: 0.000000

Status: OK.

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

Predicted MQL: 0.000440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00512	.000	1
S1	.02000	.02080	.001	4.00	.19585	.003	1
S3	2.5000	2.4894	-.011	-.425	24.046	.059	1
S4	5.0000	5.0913	.091	1.83	49.184	.100	1
S5	10.000	9.9186	-.081	-.814	95.822	.071	1



Date of Fit: 10/18/2018 12:03:52

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 4156.408240

Re-Slope: 1.000000

A1 (Gain): -102.592967

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.855820

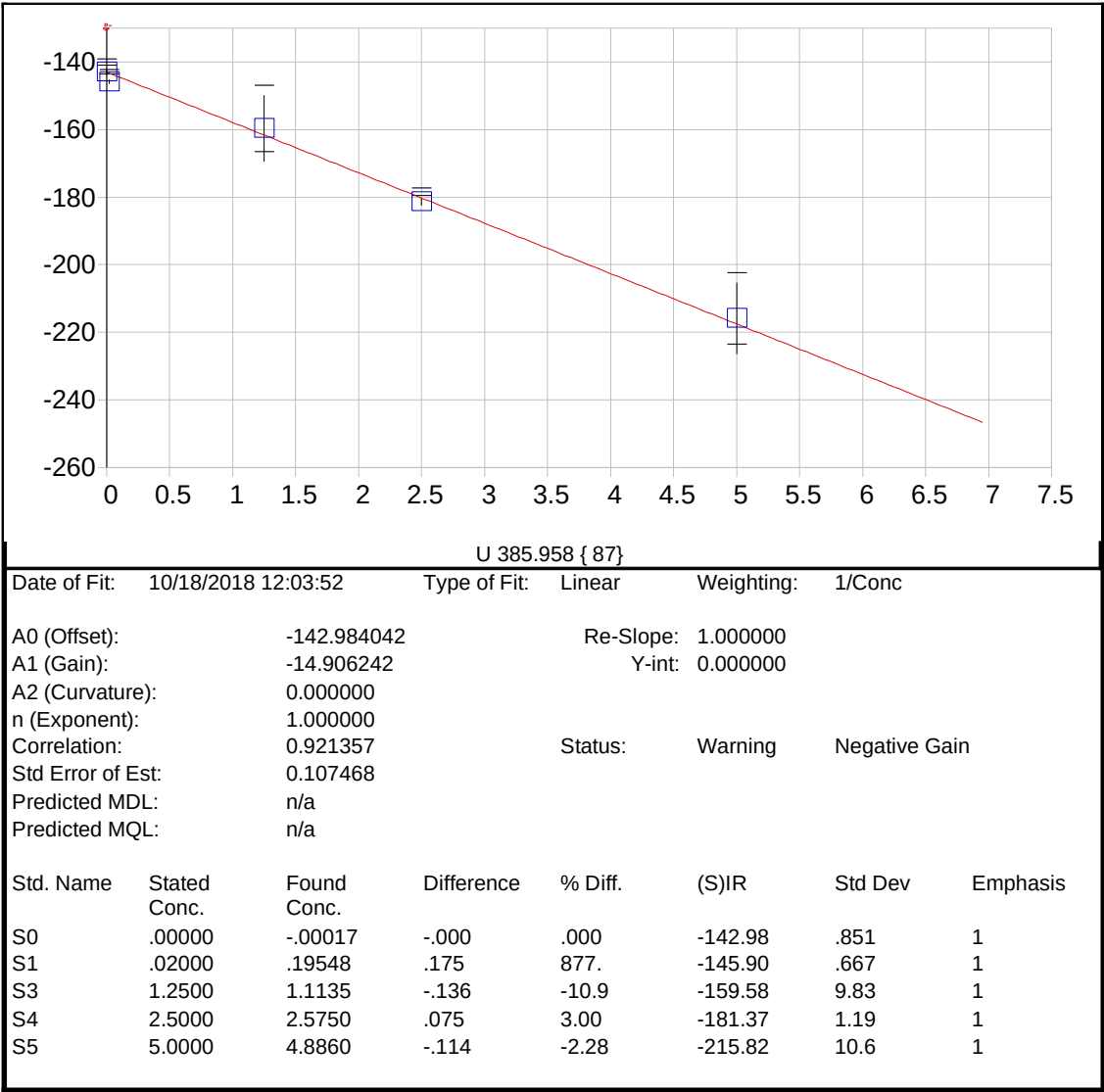
Status: Warning Negative Gain

Std Error of Est: 1.059651

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	4156.4	5.66	1
S1	.02000	.21552	.196	978.	4134.3	31.4	1
S3	1.2500	2.2217	.972	77.7	3928.5	38.0	1
S4	2.5000	2.8781	.378	15.1	3861.1	1.05	1
S5	5.0000	3.4547	-1.55	-30.9	3802.0	42.4	1



Sample Name: S0 Acquired: 10/18/2018 11:40:22 Type: Cal
Method: P4-ICP2(v2507) 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	.00027	-.00063	.00240	.00010	.00067	.00007	.04605	.00012
Stddev	.00003	.00008	.00003	.00023	.00005	.00003	.00078	.00004
%RSD	10.219	12.157	1.0882	220.79	7.7157	47.990	1.6953	31.476
#1	.00029	-.00069	.00241	.00027	.00071	.00004	.04550	.00009
#2	.00025	-.00058	.00238	-.00006	.00064	.00009	.04660	.00015
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	-.00108	-.00008	-.00009	-.00004	-.00075	-.00653	-.00001	-.00064
Stddev	.00012	.00034	.00000	.00015	.00009	.00563	.00002	.00012
%RSD	11.068	429.45	4.4473	429.60	11.885	86.274	121.40	18.900
#1	-.00117	.00016	-.00009	.00007	-.00082	-.01051	-.00003	-.00073
#2	-.00100	-.00032	-.00009	-.00014	-.00069	-.00254	-.00000	-.00056
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	-.00507	.00006	.08819	-.00012	.10973	-.02193	.00015	.00023
Stddev	.00013	.00012	.00031	.00001	.01204	.00149	.00007	.00029
%RSD	2.6413	211.22	.34916	12.263	10.973	6.7794	44.687	125.44
#1	-.00517	-.00003	.08797	-.00013	.11825	-.02088	.00020	.00003
#2	-.00498	.00014	.08841	-.00011	.10122	-.02298	.00010	.00043
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	.00584	.01634	.00032	.00313	.01465	-.0019	-.00512	4156.4
Stddev	.00011	.00067	.00008	.00009	.00046	.0002	.00047	5.7
%RSD	1.8701	4.1211	26.747	2.9803	3.1610	8.920	9.2759	.13621
#1	.00576	.01682	.00038	.00306	.01432	-.0020	-.00545	4160.4
#2	.00591	.01587	.00026	.00320	.01497	-.0017	-.00478	4152.4

Sample Name: S0 Acquired: 10/18/2018 11:40:22 Type: Cal
 Method: P4-ICP2(v2507) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-142.98
Stddev	.85
%RSD	.59508

#1	-142.38
#2	-143.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.1	51516.	4226.1	104.35	3217.2
Stddev	26.7	166.	27.0	.63	36.1
%RSD	1.1155	.32154	.64000	.60420	1.1216

#1	2378.2	51633.	4206.9	103.91	3191.7
#2	2416.0	51399.	4245.2	104.80	3242.7

Sample Name: S1 Acquired: 10/18/2018 11:44:25 Type: Cal
Method: P4-ICP2(v2507) 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	.00135	.00473	.00609	.00148	.01115	.00070	.53141	.00409
Stddev	.00023	.00009	.00006	.00005	.00018	.00012	.00029	.00006
%RSD	17.141	1.8655	.98611	3.1166	1.5730	17.088	.05508	1.5866

#1	.00151	.00479	.00605	.00145	.01127	.00061	.53120	.00414
#2	.00118	.00467	.00613	.00151	.01102	.00078	.53162	.00405

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	.01704	.00111	.03624	.01406	.12931	.01958	.01683	.00164
Stddev	.00028	.00005	.00004	.00011	.00065	.00026	.00002	.00001
%RSD	1.6324	4.2444	.10577	.80860	.50178	1.3089	.08997	.39316

#1	.01723	.00114	.03621	.01398	.12885	.01977	.01682	.00163
#2	.01684	.00107	.03626	.01414	.12977	.01940	.01685	.00164

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	.00614	3.5388	.17316	.00473	.00594	.14827	.00682	.01717
Stddev	.00006	.0018	.00085	.00006	.00012	.00261	.00002	.00101
%RSD	1.0447	.05020	.49113	1.3719	2.0871	1.7637	.30548	5.8980

#1	.00609	3.5401	.17255	.00468	.00603	.15011	.00680	.01645
#2	.00619	3.5375	.17376	.00477	.00585	.14642	.00683	.01789

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05522	-.0005	.19585	4134.3	-145.90
Stddev	.00366	.0000	.00281	31.4	.67
%RSD	6.6211	1.795	1.4347	.75987	.45702

#1	.05264	-.0005	.19386	4112.1	-146.37
#2	.05781	-.0005	.19783	4156.5	-145.43

Sample Name: S1 Acquired: 10/18/2018 11:44:25 Type: Cal
Method: P4-ICP2(v2507) 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	2405.5	51506.	4218.8	102.40	3220.7
Stddev	8.8	299.	15.7	.31	17.4
%RSD	.36626	.58022	.37186	.29923	.53896
#1	2399.2	51294.	4207.7	102.18	3208.4
#2	2411.7	51717.	4229.9	102.62	3232.9

Sample Name: S2 Acquired: 10/18/2018 11:48:29 Type: Cal
Method: P4-ICP2(v2507) 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	.08031	.02136	.62348	.12955
Stddev	.00020	.00011	.00401	.00128
%RSD	.25337	.50568	.64393	.99113

#1	.08046	.02144	.62064	.12864
#2	.08017	.02128	.62632	.13045

Int. Std.	Y_3710
Units	Cts/S
Avg	4229.0
Stddev	34.7
%RSD	.82049

#1	4253.5
#2	4204.5

Sample Name: S3 Acquired: 10/18/2018 11:52:26 Type: Cal
Method: P4-ICP2(v2507) 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	.13747	.30177	.64507	.16739	.45925	.03338	22.165	.07797
Stddev	.00037	.00027	.00087	.00093	.00067	.00016	.061	.00008
%RSD	.26716	.09113	.13491	.55684	.14670	.46456	.27321	.10275
#1	.13721	.30196	.64445	.16805	.45878	.03349	22.207	.07791
#2	.13773	.30157	.64568	.16673	.45973	.03327	22.122	.07802
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	3.5958	.47846	.05583	1.3224	.42506	3.3663	1.0810	.13218
Stddev	.0074	.00012	.00002	.0052	.00072	.0599	.0020	.00006
%RSD	.20517	.02441	.04163	.39568	.17042	1.7785	.18748	.04738
#1	3.6010	.47837	.05585	1.3261	.42558	3.3240	1.0824	.13222
#2	3.5906	.47854	.05582	1.3187	.42455	3.4087	1.0796	.13213
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	.59870	.09212	3.3617	.17215	92.647	.92053	2.0623	.10233
Stddev	.00142	.00038	.0005	.00006	1.413	.00334	.0003	.00009
%RSD	.23723	.41241	.01532	.03209	1.5248	.36322	.01311	.09056
#1	.59970	.09239	3.3621	.17219	91.648	.92289	2.0621	.10239
#2	.59769	.09185	3.3614	.17211	93.646	.91816	2.0625	.10226
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	.09066	.79966	.36242	.80868	4.5843	.1812	24.046	3928.5
Stddev	.00018	.00658	.00164	.00100	.0179	.0005	.059	38.0
%RSD	.20295	.82317	.45281	.12324	.39116	.2736	.24698	.96852
#1	.09079	.79501	.36359	.80939	4.5970	.1809	24.088	3901.6
#2	.09053	.80432	.36126	.80798	4.5717	.1816	24.004	3955.4

Sample Name: S3 Acquired: 10/18/2018 11:52:26 Type: Cal
Method: P4-ICP2(v2507) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-159.58
Stddev	9.83
%RSD	6.1603

#1	-166.53
#2	-152.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.0	51002.	4225.3	102.76	3075.1
Stddev	15.0	256.	3.3	.94	20.9
%RSD	.63399	.50291	.07848	.91208	.67955

#1	2357.3	50820.	4223.0	103.43	3060.3
#2	2378.6	51183.	4227.7	102.10	3089.9

Sample Name: S4 Acquired: 10/18/2018 11:56:14 Type: Cal
Method: P4-ICP2(v2507) 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	.28164	.61948	1.3287	.34095	.93978	.06856	45.257	.15785
Stddev	.00133	.00148	.0046	.00071	.00119	.00023	.051	.00042
%RSD	.47372	.23898	.34947	.20841	.12642	.33546	.11347	.26865

#1	.28070	.62052	1.3319	.34045	.94062	.06840	45.293	.15815
#2	.28258	.61843	1.3254	.34146	.93894	.06873	45.221	.15755

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	7.4387	.97711	.11227	2.7291	.85628	6.7278	2.1695	.26817
Stddev	.0228	.00899	.00008	.0043	.00137	.0795	.0001	.00141
%RSD	.30682	.91998	.06857	.15711	.16029	1.1818	.00693	.52542

#1	7.4548	.98347	.11221	2.7321	.85531	6.7840	2.1694	.26718
#2	7.4225	.97075	.11232	2.7261	.85725	6.6715	2.1696	.26917

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	1.2333	.18725	6.7967	.34924	182.78	1.9019	4.1865	.20872
Stddev	.0034	.00073	.0072	.00053	1.26	.0062	.0079	.00101
%RSD	.27778	.39076	.10589	.15293	.68884	.32561	.18795	.48402

#1	1.2357	.18776	6.8018	.34962	183.67	1.9063	4.1810	.20800
#2	1.2309	.18673	6.7916	.34886	181.89	1.8975	4.1921	.20943

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	.18610	1.6015	.75039	1.6447	9.3983	.3831	49.184	3861.1
Stddev	.00025	.0046	.00050	.0008	.0195	.0003	.100	1.0
%RSD	.13440	.28918	.06671	.05152	.20772	.0771	.20341	.02714

#1	.18592	1.6048	.75075	1.6441	9.4121	.3833	49.254	3860.4
#2	.18628	1.5982	.75004	1.6453	9.3845	.3829	49.113	3861.9

Sample Name: S4 Acquired: 10/18/2018 11:56:14 Type: Cal
Method: P4-ICP2(v2507) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-181.37
Stddev	1.19
%RSD	.65525

#1	-182.21
#2	-180.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.4	51002.	4251.1	105.05	2982.0
Stddev	6.3	49.	26.4	.97	14.3
%RSD	.26666	.09540	.62150	.91874	.47981

#1	2351.0	51036.	4232.4	104.37	2971.9
#2	2359.9	50967.	4269.7	105.73	2992.2

Sample Name: S5 Acquired: 10/18/2018 12:00:01 Type: Cal
Method: P4-ICP2(v2507) 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	.55959	1.2277	2.6583	.67441	1.8638	.13817	88.727	.31102
Stddev	.00043	.0007	.0068	.00038	.0000	.00020	.713	.00003
%RSD	.07663	.05959	.25466	.05661	.00034	.14772	.80369	.00835

#1	.55928	1.2272	2.6535	.67468	1.8638	.13832	88.223	.31100
#2	.55989	1.2282	2.6631	.67414	1.8638	.13803	89.231	.31104

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	14.944	1.9051	.21825	5.4898	1.6659	13.569	4.1954	.52751
Stddev	.022	.0028	.00140	.0112	.0008	.038	.0061	.00022
%RSD	.14756	.14859	.63960	.20441	.04993	.28003	.14555	.04152

#1	14.928	1.9071	.21727	5.4819	1.6653	13.542	4.1911	.52736
#2	14.959	1.9031	.21924	5.4978	1.6665	13.596	4.1998	.52767

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4765	.36917	13.487	.68338	358.54	3.8050	8.1914	.41074
Stddev	.0031	.00066	.026	.00094	.23	.0132	.0040	.00132
%RSD	.12509	.17835	.19270	.13753	.06376	.34574	.04836	.32025

#1	2.4743	.36871	13.505	.68271	358.38	3.8143	8.1886	.41167
#2	2.4787	.36964	13.468	.68404	358.70	3.7957	8.1943	.40981

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	.37860	3.0575	1.5040	3.2217	18.595	.7842	95.822	3802.0
Stddev	.00146	.0014	.0034	.0139	.052	.0011	.071	42.4
%RSD	.38502	.04501	.22571	.43051	.27707	.1451	.07365	1.1163

#1	.37963	3.0585	1.5016	3.2315	18.631	.7850	95.872	3772.0
#2	.37757	3.0565	1.5064	3.2119	18.559	.7834	95.772	3832.0

Sample Name: S5 Acquired: 10/18/2018 12:00:01 Type: Cal
Method: P4-ICP2(v2507) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-215.82
Stddev	10.61
%RSD	4.9138

#1	-223.31
#2	-208.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.4	50287.	4279.3	102.73	2829.9
Stddev	5.8	124.	19.6	.13	7.5
%RSD	.25260	.24642	.45916	.12599	.26611

#1	2307.3	50200.	4265.4	102.64	2824.6
#2	2315.6	50375.	4293.1	102.82	2835.2

Sample Name: ICV01 Acquired: 10/18/2018 12:03:56 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0242	1.0503	1.0067	1.0280	1.0103	2.5359	F .52731
Stddev	.0001	.0030	.0035	.0046	.0020	.0233	.00380
%RSD	.01082	.28275	.34935	.44235	.20155	.91947	.72077

#1	1.0241	1.0524	1.0092	1.0312	1.0117	2.5524	.52999
#2	1.0243	1.0482	1.0043	1.0248	1.0089	2.5194	.52462

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50287	.49559	F 10.553	.50738	.50287	.51638	5.1703
Stddev	.00101	.00060	.134	.00066	.00172	.00149	.0843
%RSD	.20153	.12141	1.2661	.13102	.34140	.28857	1.6311

#1	.50216	.49602	10.459	.50785	.50408	.51744	5.2300
#2	.50359	.49517	10.648	.50691	.50165	.51533	5.1107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51305	6.1845	.50568	.51555	10.068	.51926	1.0631
Stddev	.00037	.0062	.00043	.00180	.026	.00192	.0190
%RSD	.07237	.09980	.08570	.34980	.25706	.37024	1.7909

#1	.51279	6.1888	.50599	.51682	10.087	.51790	1.0766
#2	.51331	6.1801	.50538	.51427	10.050	.52062	1.0497

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.220	2.5102	2.5001	F -.05802	2.4372	2.3960	2.4937
Stddev	.045	.0100	.0080	.00696	.0072	.0062	.0061
%RSD	.43805	.39811	.31825	11.999	.29664	.25873	.24465

#1	10.251	2.5173	2.5058	-.06295	2.4424	2.4004	2.4980
#2	10.188	2.5032	2.4945	-.05310	2.4321	2.3916	2.4894

Sample Name: ICV01 Acquired: 10/18/2018 12:03:56 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00186	F -.0007	F .01222	F 1.6930	F 1.7628
Stddev	.00010	.0002	.00002	.1590	.3536
%RSD	5.1132	26.75	.16583	9.3938	20.061

#1	.00193	-.0008	.01224	1.8054	1.5128
#2	.00179	-.0006	.01221	1.5805	2.0129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.5	51722.	4229.4	104.12	3146.9
Stddev	17.8	77.	3.1	2.12	23.1
%RSD	.74623	.14842	.07281	2.0317	.73252

#1	2370.9	51776.	4227.2	102.62	3130.6
#2	2396.0	51667.	4231.5	105.61	3163.2

Sample Name: LLICV01 Acquired: 10/18/2018 12:09:32 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01750	.04344	.01268	.02099	.05425	.08820	.10724
Stddev	.00032	.00033	.00100	.00159	.00049	.00715	.00041
%RSD	1.8517	.75639	7.8563	7.5943	.90057	8.1097	.38609

#1	.01773	.04367	.01198	.02212	.05391	.09326	.10695
#2	.01727	.04320	.01339	.01987	.05460	.08314	.10753

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	.00590	2.1273	.01099	.03279	.02222	.08233
Stddev	.00001	.00005	.0092	.00005	.00004	.00041	.01220
%RSD	.09143	.83810	.43408	.44737	.11231	1.8298	14.823

#1	.00634	.00594	2.1207	.01102	.03277	.02251	.07370
#2	.00635	.00587	2.1338	.01095	.03282	.02193	.09096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02283	2.1389	.04346	.01041	1.9775	.04513	.04560
Stddev	.00017	.0277	.00079	.00021	.0153	.00013	.00090
%RSD	.74524	1.2946	1.8173	2.0000	.77542	.29094	1.9829

#1	.02271	2.1584	.04401	.01026	1.9884	.04504	.04496
#2	.02295	2.1193	.04290	.01055	1.9667	.04522	.04624

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0208	.20866	.11708	F -.05394	.42039	.04364	.04410
Stddev	.0244	.00029	.01121	.00347	.00208	.00039	.00096
%RSD	1.2052	.14115	9.5712	6.4286	.49504	.89097	2.1740

#1	2.0036	.20887	.12500	-.05639	.41892	.04337	.04342
#2	2.0380	.20845	.10915	-.05149	.42186	.04392	.04478

Sample Name: LLICV01 Acquired: 10/18/2018 12:09:32 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02144	.0163	.02096	F 1.8994	F .00996
Stddev	.00029	.0012	.00003	.3409	.51027
%RSD	1.3336	7.362	.13813	17.948	5123.8

#1	.02164	.0171	.02094	2.1405	.37077
#2	.02124	.0154	.02098	1.6583	-.35086

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.0	51605.	4238.1	104.80	3243.8
Stddev	14.7	217.	22.6	1.75	15.3
%RSD	.61548	.41989	.53429	1.6699	.47266

#1	2379.6	51451.	4254.1	106.04	3233.0
#2	2400.4	51758.	4222.1	103.57	3254.7

Sample Name: ICB01 Acquired: 10/18/2018 12:13:40 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	-.00149	.00034	-.00068	.00173	-.02056	-.00003
Stddev	.00108	.00057	.00012	.00520	.00118	.00045	.00025
%RSD	40.674	38.060	34.800	763.63	68.180	2.1781	847.29

#1	-.00342	-.00189	.00025	-.00436	.00090	-.02088	-.00021
#2	-.00189	-.00109	.00042	.00300	.00257	-.02024	.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00011	.02219	.00042	-.00013	.00022	-.00654
Stddev	.00006	.00005	.00878	.00006	.00021	.00006	.00572
%RSD	143.69	45.489	39.557	13.573	159.40	26.989	87.449

#1	-.00008	.00008	.01598	.00038	.00002	.00027	-.01059
#2	.00000	.00015	.02839	.00046	-.00028	.00018	-.00250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00108	.00114	.00023	-.11745	-.00002	-.00043
Stddev	.00009	.04806	.00046	.00123	.00045	.00073	.00003
%RSD	385.92	4435.4	40.581	543.56	.38403	3124.7	6.7496

#1	-.00004	.03290	.00081	-.00065	-.11713	.00049	-.00045
#2	.00008	-.03506	.00146	.00110	-.11776	-.00054	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00000	.00647	F -.08078	.00355	.00154	.00059
Stddev	.00040	.00007	.00738	.00135	.00265	.00011	.00060
%RSD	6.3565	4487.7	114.08	1.6727	74.529	7.4462	100.94

#1	.00608	.00005	.00125	-.07982	.00168	.00145	.00102
#2	.00666	-.00005	.01169	-.08173	.00542	.00162	.00017

Sample Name: ICB01 Acquired: 10/18/2018 12:13:40 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00043	-.0012	-.00004	F 1.3559	F<.00000
Stddev	.00024	.0010	.00002	.0877	.70498
%RSD	56.049	86.53	49.248	6.4712	2596.4

#1	.00060	-.0019	-.00002	1.2939	-.52565
#2	.00026	-.0005	-.00005	1.4180	.47134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.6	52218.	4204.8	103.25	3282.2
Stddev	13.0	154.	66.2	.84	22.8
%RSD	.54136	.29451	1.5754	.81040	.69456

#1	2399.3	52110.	4158.0	102.66	3266.1
#2	2417.8	52327.	4251.7	103.84	3298.3

Sample Name: CRI01 Acquired: 10/18/2018 12:17:44 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02243	.04527	.01366	.02224	.05776	.09812	.11234
Stddev	.00521	.00119	.00018	.00014	.00080	.00867	.00021
%RSD	23.243	2.6223	1.3412	.64478	1.3855	8.8353	.18769

#1	.01875	.04443	.01379	.02234	.05833	.09199	.11249
#2	.02612	.04611	.01353	.02214	.05719	.10425	.11219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	.00619	2.2157	.01125	.03411	.02298	.09745
Stddev	.00007	.00003	.0109	.00034	.00009	.00042	.00342
%RSD	1.0631	.54142	.49304	2.9819	.26001	1.8150	3.5119

#1	.00644	.00621	2.2080	.01149	.03405	.02328	.09503
#2	.00654	.00616	2.2234	.01101	.03417	.02269	.09987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02350	2.3066	.04486	.01057	2.0455	.04661	.04923
Stddev	.00012	.0028	.00021	.00029	.0073	.00027	.00035
%RSD	.50106	.12228	.46987	2.7669	.35453	.58862	.71946

#1	.02341	2.3086	.04501	.01078	2.0404	.04642	.04898
#2	.02358	2.3046	.04471	.01036	2.0506	.04680	.04949

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1625	.21778	.11935	F -.06543	.43799	.04602	.04553
Stddev	.0191	.00008	.00370	.00190	.00072	.00094	.00202
%RSD	.88233	.03615	3.0988	2.9109	.16455	2.0387	4.4430

#1	2.1760	.21772	.12197	-.06409	.43748	.04668	.04410
#2	2.1490	.21784	.11673	-.06678	.43850	.04536	.04696

Sample Name: CRI01 Acquired: 10/18/2018 12:17:44 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02375	.0210	.02164	F .57002	F .44131
Stddev	.00051	.0009	.00008	.30843	.08988
%RSD	2.1297	4.291	.34884	54.109	20.366

#1	.02339	.0204	.02159	.35193	.50487
#2	.02411	.0216	.02170	.78812	.37776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.0	52490.	4222.2	105.47	3271.4
Stddev	3.9	209.	13.4	.31	.7
%RSD	.16105	.39787	.31675	.29053	.02014

#1	2408.2	52638.	4212.8	105.68	3271.9
#2	2413.7	52342.	4231.7	105.25	3271.0

Sample Name: ICSA01 Acquired: 10/18/2018 12:21:48 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01412	-.00825	.00230	.00833	.00570	267.98	.00708
Stddev	.00372	.00044	.00162	.00157	.00467	.28	.00035
%RSD	26.371	5.3613	70.485	18.857	82.025	.10599	4.9304

#1	-.01675	-.00794	.00115	.00722	.00900	268.18	.00684
#2	-.01149	-.00856	.00344	.00944	.00239	267.78	.00733

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	.00147	252.23	.05534	-.00089	-.00112	103.70
Stddev	.00005	.00002	.51	.00021	.00005	.00075	.46
%RSD	3.5818	1.4455	.20327	.38689	5.2772	67.046	.44662

#1	-.00130	.00145	251.87	.05549	-.00086	-.00059	103.37
#2	-.00137	.00148	252.59	.05518	-.00092	-.00165	104.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01529	268.75	-.00391	-.00119	-.04299	.00204	.00133
Stddev	.00004	1.51	.00084	.00030	.00045	.00051	.00025
%RSD	.26966	.56078	21.575	24.920	1.0397	24.902	18.872

#1	.01532	267.69	-.00451	-.00140	-.04331	.00240	.00115
#2	.01527	269.82	-.00331	-.00098	-.04267	.00168	.00150

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00990	-.00054	.02779	F -.08789	-.00543	.00900	-.00050
Stddev	.06150	.00036	.00470	.00193	.00176	.00015	.00149
%RSD	621.43	66.642	16.930	2.1995	32.485	1.6633	296.61

#1	-.05338	-.00028	.02446	-.08926	-.00418	.00890	-.00156
#2	.03359	-.00079	.03112	-.08653	-.00667	.00911	.00055

Sample Name: ICSA01 Acquired: 10/18/2018 12:21:48 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00477	-.0010	F .10395	F 5.0963	F 1.1594
Stddev	.00047	.0005	.00062	.0362	.4508
%RSD	9.9113	45.31	.59250	.71106	38.884

#1	.00444	-.0014	.10351	5.1219	.84062
#2	.00511	-.0007	.10439	5.0707	1.4782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.7	47228.	4071.3	94.417	2665.7
Stddev	10.7	206.	3.3	.500	9.9
%RSD	.48098	.43560	.08186	.52923	.37076

#1	2211.2	47082.	4073.6	94.770	2658.7
#2	2226.2	47373.	4068.9	94.064	2672.7

Sample Name: ICSAB01 Acquired: 10/18/2018 12:25:55 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11102	.09274	.05507	.06539	.61243	256.68	.52608
Stddev	.00132	.00301	.00044	.00207	.00518	.10	.00439
%RSD	1.1931	3.2485	.80607	3.1714	.84595	.04015	.83386

#1	.11008	.09061	.05538	.06392	.61609	256.75	.52918
#2	.11196	.09487	.05475	.06685	.60876	256.60	.52297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54158	1.0194	242.46	.55457	.51286	.49989	99.183
Stddev	.00063	.0027	1.65	.00069	.00306	.00101	.128
%RSD	.11677	.26633	.67907	.12437	.59757	.20279	.12935

#1	.54113	1.0214	243.62	.55408	.51503	.50061	99.092
#2	.54203	1.0175	241.29	.55505	.51070	.49918	99.274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53011	257.02	1.0159	.21258	-.05108	.50949	1.0771
Stddev	.00202	1.70	.0032	.00069	.00702	.00149	.0041
%RSD	.38032	.66252	.31557	.32376	13.749	.29148	.38215

#1	.52868	258.23	1.0182	.21307	-.05604	.50844	1.0741
#2	.53153	255.82	1.0137	.21209	-.04611	.51054	1.0800

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02692	F .95037	F .97347	F -.10201	F .88068	F .97152	F .94178
Stddev	.01670	.00091	.00832	.00576	.00738	.00347	.00225
%RSD	62.030	.09553	.85430	5.6503	.83804	.35698	.23851

#1	-.03872	.95101	.97935	-.10609	.88590	.96907	.94337
#2	-.01511	.94973	.96759	-.09793	.87547	.97397	.94020

Sample Name: ICSAB01 Acquired: 10/18/2018 12:25:55 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00461	F -.0038	.10044	F 5.0880	F 1.6595
Stddev	.00154	.0001	.00018	.3347	.8402
%RSD	33.328	2.824	.17722	6.5780	50.630

#1	.00569	-.0038	.10057	4.8513	2.2536
#2	.00352	-.0037	.10032	5.3247	1.0654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.2	47770.	4116.5	95.361	2674.4
Stddev	6.0	112.	18.8	.254	8.6
%RSD	.27253	.23373	.45633	.26628	.32249

#1	2211.9	47849.	4103.2	95.540	2668.3
#2	2220.5	47691.	4129.8	95.181	2680.4

Sample Name: CCV01 Acquired: 10/18/2018 12:29:52 Type: Unk
Method: P4-ICP2(v2507) 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	5.0003	4.9205	4.9612	5.0387	4.9944	9.7681	9.9922	.24905
Stddev	.0023	.0155	.0093	.0026	.0092	.1081	.0773	.00018
%RSD	.04660	.31416	.18820	.05156	.18354	1.1067	.77387	.07038
#1	5.0020	4.9314	4.9678	5.0369	4.9879	9.6917	10.047	.24917
#2	4.9987	4.9095	4.9546	5.0406	5.0009	9.8446	9.9375	.24892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4633	25.314	.98892	2.4643	1.2723	4.9743	2.5035	25.201
Stddev	.0075	.144	.00027	.0059	.0020	.0374	.0011	.073
%RSD	.30612	.57081	.02723	.23834	.15731	.75085	.04486	.29109
#1	2.4686	25.212	.98873	2.4684	1.2709	5.0007	2.5027	25.252
#2	2.4580	25.416	.98911	2.4601	1.2737	4.9479	2.5043	25.149
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4807	1.2308	24.371	2.4913	2.5579	24.905	5.0682	5.0198
Stddev	.0053	.0006	.165	.0002	.0473	.108	.0048	.0220
%RSD	.21491	.04952	.67797	.00724	1.8490	.43480	.09529	.43788
#1	2.4845	1.2313	24.487	2.4914	2.5913	24.982	5.0648	5.0043
#2	2.4769	1.2304	24.254	2.4912	2.5244	24.829	5.0716	5.0354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7774	5.0601	4.9426	5.0105	4.9258	4.845	5.0100	F 3.8827
Stddev	.0236	.0545	.0133	.0274	.0323	.015	.0182	.4330
%RSD	.49343	1.0770	.26973	.54615	.65635	.3127	.36418	11.151
#1	4.7608	5.0986	4.9521	4.9911	4.9486	4.855	5.0229	4.1888
#2	4.7941	5.0215	4.9332	5.0298	4.9029	4.834	4.9971	3.5765

Sample Name: CCV01 Acquired: 10/18/2018 12:29:52 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5093
Stddev .3482
%RSD 13.878

#1 2.2630
#2 2.7555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.4	50956.	4197.6	102.12	2983.8
Stddev	4.6	142.	42.9	2.15	17.5
%RSD	.19821	.27775	1.0210	2.1094	.58762

#1	2320.1	50856.	4167.3	100.60	2971.5
#2	2326.6	51056.	4227.9	103.64	2996.2

Sample Name: CCB01 Acquired: 10/18/2018 12:33:38 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00370	-.00044	.00023	-.00206	-.00049	-.00499	.00118
Stddev	.00234	.00087	.00127	.00224	.00204	.00998	.00081
%RSD	63.172	197.31	548.97	108.68	419.91	200.07	68.153

#1	-.00205	-.00105	.00113	-.00364	.00096	.00207	.00175
#2	-.00535	.00017	-.00067	-.00048	-.00193	-.01205	.00061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00009	-.00505	.00005	.00002	.00040	-.00230
Stddev	.00003	.00010	.01068	.00036	.00010	.00011	.01724
%RSD	1571.3	111.58	211.70	783.36	589.96	27.324	750.43

#1	-.00003	.00002	.00251	-.00021	.00009	.00047	-.01449
#2	.00002	.00016	-.01260	.00030	-.00006	.00032	.00989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.04444	.00075	-.00001	-.13137	.00059	-.00051
Stddev	.00006	.02511	.00089	.00016	.00331	.00043	.00017
%RSD	155.42	56.513	119.21	1776.6	2.5199	71.750	33.373

#1	.00008	.06219	.00138	-.00012	-.13371	.00029	-.00063
#2	-.00000	.02668	.00012	.00010	-.12903	.00090	-.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02810	.00054	.00452	F -.10683	.00250	.00141	.00078
Stddev	.01522	.00053	.00030	.00182	.00056	.00065	.00008
%RSD	54.183	97.823	6.7511	1.7023	22.217	46.526	9.7809

#1	-.03886	.00091	.00473	-.10811	.00211	.00094	.00083
#2	-.01733	.00017	.00430	-.10554	.00290	.00187	.00072

Sample Name: CCB01 Acquired: 10/18/2018 12:33:38 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00247	-.0001	.00023	F 1.3287	F .23341
Stddev	.00042	.0021	.00007	.2047	.25613
%RSD	17.139	1484.	28.320	15.408	109.73

#1	.00217	-.0016	.00028	1.4734	.05231
#2	.00277	.0014	.00019	1.1839	.41452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.5	52453.	4188.0	104.82	3327.0
Stddev	42.3	272.	38.8	2.57	60.8
%RSD	1.7439	.51775	.92585	2.4511	1.8267

#1	2393.6	52261.	4160.6	106.63	3284.0
#2	2453.4	52646.	4215.5	103.00	3370.0

Sample Name: LR CHECK1 Acquired: 10/18/2018 12:44:53 Type: Unk
Method: P4-ICP2(v2507) 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	-.07080	-.08815	-.02283	.07141	.04482	1853.9	.00766	.00360
Stddev	.00585	.00320	.00156	.00483	.00685	6.2	.00065	.00050
%RSD	8.2613	3.6324	6.8277	6.7630	15.283	.33182	8.4634	13.867
#1	-.06666	-.09041	-.02173	.06799	.04966	1849.6	.00811	.00395
#2	-.07494	-.08589	-.02393	.07482	.03997	1858.3	.00720	.00324
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05696	1673.2	.09098	.04289	-.08953	F 932.39	.02054	F 1879.0
Stddev	.00079	15.5	.00210	.00021	.00235	3.62	.00065	2.3
%RSD	1.3863	.92473	2.3080	.49075	2.6288	.38820	3.1490	.12197
#1	.05752	1662.3	.08950	.04304	-.09119	934.95	.02008	1880.6
#2	.05640	1684.2	.09247	.04274	-.08786	929.83	.02100	1877.4
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14032	-.01331	1718.1	.01139	.09025	F 1033.7	.01270	.26755
Stddev	.00085	.00201	27.4	.00059	.00047	15.1	.00105	.00600
%RSD	.60913	15.090	1.5921	5.1541	.51974	1.4616	8.2784	2.2429
#1	.14092	-.01189	1737.4	.01181	.08992	1044.4	.01196	.27179
#2	.13971	-.01473	1698.8	.01098	.09058	1023.0	.01344	.26331
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19306	-.00293	.08064	-.03874	.03471	.0468	.01774	<.00000
Stddev	.01256	.00670	.00782	.00060	.00078	.0112	.00003	.07051
%RSD	6.5060	228.66	9.6927	1.5392	2.2433	23.88	.18836	12.894
#1	.20194	-.00767	.07512	-.03917	.03526	.0547	.01771	-.59667
#2	.18418	.00181	.08617	-.03832	.03416	.0389	.01776	-.49696

Sample Name: LR CHECK1 Acquired: 10/18/2018 12:44:53 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.0	40318.	3888.0	79.256	1825.6
Stddev	.6	173.	1.6	.070	2.4
%RSD	.03235	.42942	.04154	.08885	.13003
#1	1853.4	40440.	3889.2	79.206	1823.9
#2	1852.6	40196.	3886.9	79.305	1827.3

Sample Name: LR CHECK2 Acquired: 10/18/2018 12:49:17 Type: Unk
Method: P4-ICP2(v2507) 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	-.00716	-.02950	230.21	.02124	-.01059	-.28929	96.349	-.00018
Stddev	.00401	.00250	.05	.00248	.00083	.00649	1.692	.00002
%RSD	55.902	8.4760	.02108	11.655	7.7944	2.2449	1.7565	13.133
#1	-.00433	-.03127	230.18	.02299	-.01117	-.28470	95.153	-.00016
#2	-.01000	-.02774	230.25	.01949	-.01000	-.29389	97.546	-.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00870	.27678	-.11421	-.01496	F 253.08	-.73008	43.355	-.04799
Stddev	.00009	.00722	.00119	.00012	.01	.00741	.208	.09065
%RSD	1.0541	2.6087	1.0401	.82074	.00362	1.0147	.48045	188.89
#1	-.00864	.28188	-.11337	-.01487	253.09	-.72484	43.502	-.11209
#2	-.00877	.27167	-.11505	-.01504	253.07	-.73532	43.207	.01611
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.428	.00758	.77239	-.00673	F 36.438	.45582	-.00120	.00237
Stddev	.031	.00075	.02568	.00017	.272	.03581	.00019	.00058
%RSD	.06185	9.9350	3.3247	2.5892	.74518	7.8570	15.562	24.337
#1	49.449	.00811	.79054	-.00661	36.630	.48114	-.00133	.00196
#2	49.406	.00705	.75423	-.00686	36.246	.43049	-.00106	.00277
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07635	-.00582	.00354	.00034	.00209	-.5546	.00370	.89954
Stddev	.00200	.00045	.00010	.00083	.00031	.0014	.00006	.75140
%RSD	2.6158	7.7533	2.8761	242.09	14.982	.2598	1.6847	83.532
#1	-.07776	-.00550	.00361	.00092	.00187	-.5556	.00366	1.4309
#2	-.07494	-.00614	.00347	-.00024	.00231	-.5536	.00375	.36822

Sample Name: LR CHECK2 Acquired: 10/18/2018 12:49:17 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .89410
Stddev .06100
%RSD 6.8220

#1 .85097
#2 .93724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.4	54264.	4408.3	103.45	3189.6
Stddev	.7	287.	2.3	.56	3.3
%RSD	.02925	.52951	.05133	.54110	.10251

#1	2343.9	54061.	4409.9	103.06	3191.9
#2	2344.9	54468.	4406.7	103.85	3187.3

Sample Name: J5200-09 Acquired: 10/18/2018 12:53:37 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	-.02747	.22703	.03670	.00174	110.99	.58654
Stddev	.00129	.00313	.00119	.00162	.00271	1.24	.00339
%RSD	43.926	11.390	.52505	4.4198	155.68	1.1146	.57841

#1	.00203	-.02525	.22787	.03785	.00366	110.12	.58414
#2	.00386	-.02968	.22618	.03556	-.00018	111.87	.58894

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	.00316	56.448	.22112	.11281	.40695	229.95
Stddev	.00001	.00050	.843	.00374	.00005	.00003	2.94
%RSD	.26425	15.718	1.4942	1.6898	.04538	.00621	1.2785

#1	.00271	.00281	55.852	.21848	.11277	.40693	232.03
#2	.00270	.00351	57.044	.22376	.11284	.40696	227.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1826	49.988	.23175	.00399	4.5487	.37983	.62878
Stddev	.0222	.494	.00076	.00045	.0615	.00400	.01015
%RSD	.69886	.98763	.32650	11.332	1.3518	1.0534	1.6136

#1	3.1669	49.639	.23121	.00431	4.5052	.37701	.63595
#2	3.1983	50.337	.23228	.00367	4.5921	.38266	.62161

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.612	.00317	.18648	F 10.578	1.5084	.01924	4.6403
Stddev	.241	.00016	.00589	.057	.0249	.00035	.0100
%RSD	1.3690	4.9388	3.1607	.53610	1.6499	1.7953	.21642

#1	17.442	.00306	.19064	10.538	1.4908	.01900	4.6332
#2	17.783	.00329	.18231	10.618	1.5259	.01948	4.6474

Sample Name: J5200-09 Acquired: 10/18/2018 12:53:37 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13717	6.135	.14657	<.00000	F<.00000
Stddev	.00130	.004	.00086	.17921	1.3450
%RSD	.94643	.0640	.58931	1.9462	2.4587

#1	.13625	6.132	.14596	-9.3350	-55.656
#2	.13809	6.137	.14718	-9.0815	-53.754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.4	62194.	5290.1	110.19	3057.4
Stddev	10.7	395.	45.8	1.77	5.2
%RSD	.38329	.63449	.86489	1.6070	.16996

#1	2773.8	62473.	5322.4	108.93	3053.7
#2	2788.9	61915.	5257.7	111.44	3061.0

Sample Name: J5200-11 Acquired: 10/18/2018 12:57:32 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01785	-.01845	.41191	.04127	.00542	105.61	.61232
Stddev	.00011	.00135	.00049	.00270	.00089	.17	.00189
%RSD	.62033	7.2942	.11836	6.5320	16.431	.15805	.30934

#1	.01793	-.01940	.41225	.04317	.00606	105.49	.61098
#2	.01778	-.01750	.41156	.03936	.00479	105.73	.61366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	.00344	57.155	.16803	.09790	.30949	222.34
Stddev	.00025	.00005	.502	.00129	.00030	.00243	2.39
%RSD	7.5653	1.5891	.87818	.77001	.30785	.78588	1.0728

#1	.00353	.00340	56.800	.16894	.09769	.31121	220.66
#2	.00317	.00348	57.510	.16711	.09811	.30777	224.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5139	40.918	.20226	.00390	6.5365	.30877	.90837
Stddev	.0050	.154	.00029	.00043	.0234	.00245	.01706
%RSD	.14145	.37582	.14126	11.014	.35737	.79309	1.8779

#1	3.5104	40.809	.20247	.00359	6.5200	.31050	.89631
#2	3.5174	41.027	.20206	.00420	6.5530	.30704	.92043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.710	.00309	.13469	2.7992	1.6952	.04186	2.5939
Stddev	.125	.00012	.00310	.0052	.0458	.00011	.0293
%RSD	.98099	3.7825	2.3013	.18434	2.7003	.25217	1.1306

#1	12.622	.00317	.13250	2.7955	1.7275	.04179	2.5732
#2	12.798	.00300	.13688	2.8028	1.6628	.04194	2.6147

Sample Name: J5200-11 Acquired: 10/18/2018 12:57:32 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13263	6.183	.24907	<.00000	F<.00000
Stddev	.00154	.010	.00156	.85324	1.5499
%RSD	1.1599	.1552	.62479	8.7195	2.9882

#1	.13155	6.176	.24796	-10.389	-52.965
#2	.13372	6.190	.25017	-9.1821	-50.773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.5	62849.	5297.2	109.56	3079.8
Stddev	7.7	160.	43.9	1.87	5.3
%RSD	.27589	.25484	.82834	1.7083	.17102

#1	2802.0	62962.	5328.3	110.89	3076.1
#2	2813.0	62735.	5266.2	108.24	3083.5

Sample Name: J5518-01 Acquired: 10/18/2018 13:01:24 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JCTS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02862	-.01228	.18403	.04053	-.00010	94.850	.88596
Stddev	.00244	.00074	.00025	.00531	.00189	.265	.00489
%RSD	8.5317	5.9919	.13741	13.094	1922.1	.27975	.55214

#1	.02689	-.01280	.18421	.04428	.00124	95.037	.88942
#2	.03034	-.01176	.18385	.03678	-.00144	94.662	.88250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	.00383	95.893	.17053	.06462	.24672	207.39
Stddev	.00009	.00009	.460	.00074	.00032	.00044	.54
%RSD	6.5665	2.2238	.47919	.43125	.50020	.17714	.25890

#1	.00135	.00377	95.568	.17001	.06485	.24703	207.01
#2	.00149	.00389	96.218	.17105	.06439	.24641	207.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2503	36.477	.15719	.00495	.33238	.18255	.91166
Stddev	.0772	.160	.00095	.00044	.00173	.00027	.00623
%RSD	.93528	.43944	.60282	8.9470	.52163	.14604	.68331

#1	8.3049	36.591	.15786	.00463	.33115	.18236	.90725
#2	8.1957	36.364	.15652	.00526	.33361	.18274	.91606

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6099	.01267	.09605	3.6933	2.4197	.02112	.76474
Stddev	.0017	.00033	.00555	.0085	.0371	.00126	.00415
%RSD	.02942	2.6430	5.7777	.23011	1.5335	5.9781	.54241

#1	5.6111	.01244	.09997	3.6873	2.4459	.02023	.76180
#2	5.6087	.01291	.09212	3.6993	2.3934	.02201	.76767

Sample Name: J5518-01 Acquired: 10/18/2018 13:01:24 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JCTS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10448	F 20.29	.30451	<.00000	F<.00000
Stddev	.00061	.03	.00066	.39636	.87449
%RSD	.57945	.1612	.21688	4.3115	1.9892

#1	.10491	20.27	.30404	-8.9128	-44.579
#2	.10405	20.31	.30497	-9.4733	-43.343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.9	62774.	5314.6	108.46	3097.1
Stddev	6.9	96.	12.9	.58	4.8
%RSD	.25002	.15270	.24238	.53056	.15358

#1	2748.0	62706.	5323.7	108.87	3093.8
#2	2757.7	62842.	5305.5	108.05	3100.5

Sample Name: J5518-02 Acquired: 10/18/2018 13:05:22 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SODUS-TS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06632	-.01606	.22110	.05960	-.00114	109.76	1.1137
Stddev	.00373	.00189	.00235	.00082	.00244	5.79	.0061
%RSD	5.6241	11.790	1.0637	1.3792	213.41	5.2787	.55138

#1	.06896	-.01472	.21943	.06018	-.00286	113.86	1.1181
#2	.06369	-.01740	.22276	.05902	.00058	105.66	1.1094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	.00845	209.40	.10482	.09897	.12551	289.57
Stddev	.00004	.00025	2.70	.00607	.00039	.00220	2.07
%RSD	.92727	3.0152	1.2891	5.7889	.39322	1.7537	.71580

#1	.00419	.00827	207.49	.10911	.09870	.12396	291.04
#2	.00413	.00863	211.30	.10053	.09925	.12707	288.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.855	50.702	.17512	.00826	.30926	.21876	1.0093
Stddev	.210	.187	.00095	.00136	.00425	.01044	.0037
%RSD	1.7741	.36876	.54309	16.440	1.3743	4.7734	.36870

#1	12.004	50.570	.17445	.00730	.31226	.22615	1.0067
#2	11.706	50.834	.17580	.00922	.30625	.21138	1.0119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0435	.00126	.16962	4.9354	1.7736	.01721	.45846
Stddev	.0372	.00016	.00831	.0209	.0027	.00052	.00011
%RSD	.46294	12.405	4.8980	.42376	.15185	3.0408	.02502

#1	8.0698	.00137	.17549	4.9206	1.7717	.01758	.45854
#2	8.0171	.00115	.16374	4.9501	1.7755	.01684	.45838

Sample Name: J5518-02 Acquired: 10/18/2018 13:05:22 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SODUS-TS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12989	F 11.04	.27050	<.00000	F<.00000
Stddev	.00021	.00	.00100	3.0511	.60102
%RSD	.16290	.0386	.37110	22.582	.69174

#1	.13004	11.04	.26979	-11.354	-86.460
#2	.12974	11.04	.27121	-15.669	-87.310

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.8	66466.	5904.9	106.20	2915.7
Stddev	1.5	3096.	60.6	.03	2.4
%RSD	.04981	4.6582	1.0260	.03072	.08119

#1	3031.9	64277.	5947.7	106.22	2917.4
#2	3029.8	68656.	5862.0	106.18	2914.0

Sample Name: J5518-03 Acquired: 10/18/2018 13:09:19 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GSTS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00772	-.01368	.32070	.09845	.00530	248.22	1.7928
Stddev	.00492	.00047	.00048	.00668	.00011	4.24	.0707
%RSD	63.674	3.4553	.15016	6.7859	2.0529	1.7096	3.9410

#1	.00424	-.01401	.32036	.09372	.00537	245.22	1.7429
#2	.01120	-.01335	.32104	.10317	.00522	251.22	1.8428

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01119	.00790	11.900	.36920	.24756	.15544	622.91
Stddev	.00009	.00341	.426	.00287	.00637	.01611	43.78
%RSD	.79246	43.207	3.5839	.77816	2.5748	10.364	7.0288

#1	.01126	.01031	11.598	.37123	.24305	.16683	591.95
#2	.01113	.00548	12.201	.36717	.25207	.14405	653.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3200	80.684	.77240	.01475	.27766	.34396	1.6989
Stddev	.0474	3.470	.02135	.00567	.03136	.00147	.0967
%RSD	.74919	4.3003	2.7641	38.439	11.296	.42633	5.6886

#1	6.3534	78.231	.75730	.01074	.25549	.34500	1.6306
#2	6.2865	83.138	.78749	.01876	.29984	.34292	1.7673

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.586	.01528	.29297	1.2253	1.6821	.02204	.10800
Stddev	.681	.00046	.04480	.0420	.0418	.00006	.00654
%RSD	4.3702	3.0382	15.292	3.4244	2.4820	.25895	6.0570

#1	15.104	.01496	.26129	1.1956	1.6526	.02200	.10337
#2	16.067	.01561	.32465	1.2549	1.7117	.02208	.11263

Sample Name: J5518-03 Acquired: 10/18/2018 13:09:19 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GSTS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.66175	5.967	.08291	<.00000	F<.00000
Stddev	.03094	.141	.00373	.35860	3.4746
%RSD	4.6761	2.358	4.5012	2.2363	1.1998

#1	.63987	5.868	.08027	-16.289	-287.14
#2	.68363	6.067	.08555	-15.782	-292.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.6	61594.	5359.6	102.86	2918.6
Stddev	40.3	25.	123.0	5.61	62.8
%RSD	1.4476	.04019	2.2948	5.4499	2.1517

#1	2811.0	61611.	5446.6	106.83	2963.0
#2	2754.1	61576.	5272.6	98.900	2874.2

Sample Name: J5521-04 Acquired: 10/18/2018 13:13:22 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC8-03A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01559	-.01161	.17246	.02755	.00079	156.54	1.2800	.01057
Stddev	.00186	.00222	.00196	.00164	.00014	1.71	.0239	.00032
%RSD	11.949	19.102	1.1364	5.9494	18.298	1.0942	1.8686	3.0575
#1	.01691	-.01318	.17107	.02870	.00089	155.33	1.2969	.01034
#2	.01427	-.01004	.17385	.02639	.00069	157.75	1.2631	.01080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00545	76.952	.13178	.02040	.39845	34.007	1.1586	18.057
Stddev	.00031	1.208	.00280	.00062	.00628	.145	.0277	.197
%RSD	5.6598	1.5692	2.1261	3.0422	1.5767	.42562	2.3909	1.0908
#1	.00523	77.805	.12980	.01996	.39401	34.110	1.1390	18.196
#2	.00567	76.098	.13376	.02084	.40289	33.905	1.1782	17.918
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14846	.00230	11.294	.16165	.53367	5.9412	.00192	.05742
Stddev	.00236	.00007	.193	.00390	.00129	.0805	.00006	.00397
%RSD	1.5924	3.0477	1.7116	2.4147	.24196	1.3556	3.0815	6.9089
#1	.14679	.00225	11.431	.15889	.53459	5.9982	.00196	.05461
#2	.15013	.00235	11.157	.16441	.53276	5.8842	.00188	.06022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.333	1.4148	.00842	.64739	.05460	F 10.95	.36579	<.00000
Stddev	.271	.0117	.00223	.01084	.00204	.18	.00718	.63591
%RSD	1.4806	.82767	26.452	1.6738	3.7340	1.638	1.9626	4.0137
#1	18.141	1.4230	.00999	.65505	.05604	10.83	.37087	-16.293
#2	18.525	1.4065	.00684	.63973	.05316	11.08	.36071	-15.394

Sample Name: J5521-04 Acquired: 10/18/2018 13:13:22 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC8-03A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1276
Stddev	.5693
%RSD	11.103

#1	5.5302
#2	4.7251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.7	74595.	6513.1	112.19	3125.7
Stddev	24.7	1084.	90.1	.74	40.5
%RSD	.75460	1.4534	1.3836	.65516	1.2955

#1	3288.1	75361.	6449.3	111.67	3154.3
#2	3253.2	73828.	6576.8	112.71	3097.0

Sample Name: J5521-06 Acquired: 10/18/2018 13:17:22 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC8-02A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32244	-.04914	1.4382	.11803	.02878	163.70	1.9194
Stddev	.00715	.00063	.0018	.00009	.00122	.62	.0009
%RSD	2.2162	1.2725	.12202	.07620	4.2453	.37731	.04632

#1	.32749	-.04959	1.4394	.11809	.02792	164.14	1.9188
#2	.31739	-.04870	1.4370	.11796	.02964	163.27	1.9200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01707	.02066	194.11	.21088	.19934	.69465	450.15
Stddev	.00020	.00035	1.54	.00080	.00090	.00225	4.18
%RSD	1.1669	1.6746	.79158	.37954	.45269	.32343	.92812

#1	.01693	.02042	193.02	.21145	.19870	.69306	453.11
#2	.01721	.02091	195.20	.21032	.19998	.69624	447.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.190	114.96	.39671	.03179	14.469	.56891	F 39.480
Stddev	.064	.81	.00210	.00007	.036	.00418	.123
%RSD	.11802	.70781	.52924	.22282	.24570	.73481	.31097

#1	54.235	114.38	.39522	.03174	14.444	.56596	39.567
#2	54.145	115.53	.39819	.03184	14.494	.57187	39.394

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.049	-.00211	.71545	7.8134	1.4059	.06901	8.5465
Stddev	.036	.00016	.00404	.0214	.0216	.00118	.0084
%RSD	.21207	7.4735	.56450	.27426	1.5338	1.7032	.09821

#1	17.023	-.00222	.71259	7.7983	1.3907	.06984	8.5405
#2	17.074	-.00200	.71830	7.8286	1.4212	.06818	8.5524

Sample Name: J5521-06 Acquired: 10/18/2018 13:17:22 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC8-02A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18644	5.113	.72485	<.00000	F<.00000
Stddev	.00064	.006	.00444	.24841	.00436
%RSD	.34084	.1090	.61300	1.9700	.00234

#1	.18600	5.117	.72170	-12.786	-185.96
#2	.18689	5.109	.72799	-12.434	-185.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2722.8	63321.	5485.8	103.07	2765.7
Stddev	10.8	167.	39.4	.78	5.1
%RSD	.39834	.26419	.71761	.75655	.18436

#1	2715.2	63202.	5513.7	102.51	2762.1
#2	2730.5	63439.	5458.0	103.62	2769.3

Sample Name: J5521-09 Acquired: 10/18/2018 13:21:24 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOC8-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	-.01141	.12031	.02181	.00213	155.32	.66401
Stddev	.00175	.00052	.00134	.00419	.00289	3.05	.00861
%RSD	41.708	4.5166	1.1133	19.196	135.93	1.9629	1.2963

#1	.00295	-.01105	.12125	.01885	.00417	157.48	.67010
#2	.00542	-.01178	.11936	.02478	.00008	153.17	.65793

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	.00204	45.381	.16102	.03996	.16815	65.693
Stddev	.00009	.00006	.289	.00118	.00010	.00113	.652
%RSD	2.3347	3.1730	.63725	.73390	.24990	.67204	.99227

#1	.00388	.00199	45.586	.16186	.04003	.16735	66.153
#2	.00375	.00209	45.177	.16019	.03988	.16895	65.232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99484	25.436	.17123	.00131	12.767	.17088	.41119
Stddev	.01614	.403	.00095	.00029	.128	.00180	.00175
%RSD	1.6224	1.5847	.55602	22.445	1.0055	1.0529	.42556

#1	1.0063	25.721	.17056	.00111	12.858	.17216	.41242
#2	.98342	25.151	.17191	.00152	12.676	.16961	.40995

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4305	.00189	.04797	F 18.072	1.8405	.00631	1.0806
Stddev	.0470	.00006	.00451	.040	.0127	.00035	.0254
%RSD	.55776	3.2367	9.3974	.22267	.69298	5.5206	2.3500

#1	8.4638	.00193	.04479	18.100	1.8314	.00656	1.0986
#2	8.3973	.00185	.05116	18.043	1.8495	.00607	1.0626

Sample Name: J5521-09 Acquired: 10/18/2018 13:21:24 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOC8-01A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18312	4.149	.35054	<.00000	F<.00000
Stddev	.00417	.002	.00372	1.2962	.50229
%RSD	2.2758	.0507	1.0625	37.095	26.543

#1	.18607	4.148	.35317	-2.5777	-1.5372
#2	.18018	4.151	.34790	-4.4109	-2.2476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.6	60416.	5069.5	109.90	3167.0
Stddev	8.8	1078.	40.4	.87	10.1
%RSD	.33541	1.7849	.79644	.79198	.31817

#1	2629.4	59654.	5040.9	109.28	3159.8
#2	2641.9	61179.	5098.0	110.51	3174.1

Sample Name: CCV02 Acquired: 10/18/2018 13:35:00 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14014 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3381	4.7522	4.9067	5.3348	5.1858	9.6673	10.212	.24557
Stddev	.0175	.0069	.0073	.0259	.0141	.0589	.034	.00015
%RSD	.32814	.14420	.14871	.48548	.27292	.60889	.33147	.06001
#1	5.3257	4.7473	4.9119	5.3165	5.1758	9.6256	10.236	.24547
#2	5.3505	4.7570	4.9015	5.3531	5.1958	9.7089	10.188	.24567
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3981	24.921	.92874	2.4373	1.3328	4.8586	2.4371	25.123
Stddev	.0002	.149	.00383	.0040	.0022	.0344	.0024	.303
%RSD	.00801	.59831	.41216	.16285	.16797	.70850	.10054	1.2055
#1	2.3980	24.815	.93145	2.4401	1.3312	4.8343	2.4388	24.909
#2	2.3983	25.026	.92603	2.4345	1.3343	4.8830	2.4354	25.338
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4823	1.3653	24.019	2.4443	2.5292	25.459	5.2837	5.0914
Stddev	.0017	.0027	.108	.0021	.0142	.067	.0108	.0277
%RSD	.06985	.19843	.44926	.08371	.56265	.26399	.20367	.54349
#1	2.4835	1.3634	24.095	2.4457	2.5192	25.506	5.2761	5.0718
#2	2.4811	1.3672	23.943	2.4428	2.5393	25.411	5.2914	5.1110
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7771	5.0399	4.8700	5.0345	4.9697	4.731	5.0553	4.6432
Stddev	.0000	.0353	.0204	.0181	.0213	.010	.0197	.3363
%RSD	.00043	.69995	.41975	.35991	.42751	.2117	.38987	7.2436
#1	4.7771	5.0149	4.8845	5.0217	4.9848	4.724	5.0692	4.8810
#2	4.7771	5.0648	4.8556	5.0473	4.9547	4.738	5.0413	4.4054

Sample Name: CCV02 Acquired: 10/18/2018 13:35:00 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14014 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3548
Stddev	.0887
%RSD	3.7666

#1	2.2921
#2	2.4175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.5	53167.	4353.0	106.46	3091.4
Stddev	4.4	258.	7.0	.12	11.6
%RSD	.19062	.48582	.16084	.11303	.37493

#1	2301.4	52985.	4348.1	106.54	3083.2
#2	2307.6	53350.	4358.0	106.37	3099.6

Sample Name: CCB02 Acquired: 10/18/2018 13:38:44 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00789	.00219	-.00029	-.00140	.00000	-.01188	-.00006
Stddev	.00087	.00011	.00021	.00109	.00117	.00908	.00057
%RSD	11.035	4.9387	74.618	77.946	49102.	76.389	949.76

#1	-.00850	.00227	-.00044	-.00063	.00083	-.00546	-.00046
#2	-.00727	.00211	-.00014	-.00217	-.00082	-.01830	.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00016	.03205	.00020	.00011	.00054	-.00754
Stddev	.00004	.00004	.00727	.00045	.00019	.00048	.00418
%RSD	555.36	25.464	22.686	223.43	177.76	89.026	55.508

#1	-.00002	.00019	.02690	-.00012	.00025	.00088	-.00458
#2	.00004	.00013	.03719	.00052	-.00003	.00020	-.01050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02402	.00128	.00014	-.14132	.00027	-.00077
Stddev	.00004	.01125	.00019	.00047	.00272	.00040	.00002
%RSD	193.18	46.833	14.537	338.52	1.9247	147.23	2.8562

#1	-.00001	.01607	.00141	.00047	-.13940	.00056	-.00075
#2	.00005	.03197	.00114	-.00019	-.14325	-.00001	-.00078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07687	.00073	.00089	F -.13462	.00275	.00131	-.00009
Stddev	.02723	.00023	.00209	.00126	.00064	.00086	.00255
%RSD	35.417	31.605	236.35	.93653	23.244	65.506	2874.8

#1	.09613	.00090	.00237	-.13373	.00230	.00192	-.00189
#2	.05762	.00057	-.00059	-.13551	.00320	.00070	.00171

Sample Name: CCB02 Acquired: 10/18/2018 13:38:44 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14014 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00180	-.0027	.00004	F .70439	F .25385
Stddev	.00096	.0023	.00005	1.5429	.07528
%RSD	53.236	87.12	129.97	219.04	29.656

#1	.00112	-.0043	.00008	1.7954	.30708
#2	.00247	-.0010	.00000	-.38659	.20062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.4	56226.	4358.7	112.61	3370.3
Stddev	13.6	1470.	48.1	1.64	5.7
%RSD	.57686	2.6148	1.1046	1.4547	.16782

#1	2346.8	55187.	4392.8	113.77	3366.3
#2	2366.0	57266.	4324.7	111.45	3374.3

Sample Name: J5519-01 Acquired: 10/18/2018 13:42:49 Type: Unk
Method: P4-ICP2(v2507) 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	-.01658	-.00001	-.01242	.00918	-.00053	.14858	.01348
Stddev	.00021	.00012	.00070	.00108	.00096	.03529	.00025
%RSD	1.2385	1628.5	5.6091	11.824	181.93	23.752	1.8481

#1	-.01643	.00008	-.01192	.00994	.00015	.17354	.01366
#2	-.01672	-.00009	-.01291	.00841	-.00120	.12363	.01330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	.00026	23.960	.00531	.00124	.01405	86.459
Stddev	.00018	.00040	.118	.00024	.00001	.00143	3.230
%RSD	9.7775	153.28	.49228	4.4972	.72970	10.198	3.7362

#1	-.00171	.00054	23.877	.00548	.00123	.01506	84.175
#2	-.00197	-.00002	24.043	.00514	.00124	.01303	88.743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88045	1.4759	.00613	.00054	9.6316	.00184	.11177
Stddev	.00045	.0757	.00026	.00039	.0986	.00003	.00494
%RSD	.05141	5.1306	4.1685	71.121	1.0238	1.5866	4.4239

#1	.88013	1.4224	.00595	.00027	9.5618	.00186	.10827
#2	.88077	1.5294	.00631	.00082	9.7013	.00182	.11527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6912	.00280	.05740	5.1367	.45701	.00062	.00399
Stddev	.0097	.00033	.00922	.0149	.00815	.00027	.00086
%RSD	.11196	11.922	16.062	.29037	1.7830	44.257	21.482

#1	8.6981	.00304	.05088	5.1472	.45125	.00082	.00460
#2	8.6843	.00257	.06392	5.1261	.46277	.00043	.00339

Sample Name: J5519-01 Acquired: 10/18/2018 13:42:49 Type: Unk
 Method: P4-ICP2(v2507) 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	.00171	.0126	.17062	1.3124	F<.00000
Stddev	.00087	.0037	.00027	.1083	.45590
%RSD	51.021	29.02	.16070	8.2542	7.7137

#1	.00110	.0100	.17042	1.2358	-5.5878
#2	.00233	.0152	.17081	1.3890	-6.2326

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.7	54267.	4384.0	110.84	3261.8
Stddev	19.8	215.	56.8	4.25	23.3
%RSD	.85763	.39656	1.2949	3.8324	.71576

#1	2295.7	54114.	4424.2	113.84	3245.3
#2	2323.7	54419.	4343.9	107.83	3278.3

Sample Name: J5519-02LX5 Acquired: 10/18/2018 13:54:59 Type: Unk
Method: P4-ICP2(v2507) 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	-.00481	.00156	.00074	-.00323	.00131	-.01281	.00670	-.00000
Stddev	.00269	.00007	.00059	.00142	.00072	.00653	.00024	.00001
%RSD	55.973	4.4863	79.764	43.967	55.165	50.961	3.5764	6453.0

#1	-.00291	.00151	.00032	-.00424	.00080	-.01743	.00687	.00001
#2	-.00672	.00161	.00116	-.00223	.00182	-.00820	.00653	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.48990	-.00010	-.00011	.00095	.00289	.01015	.06368
Stddev	.00008	.02417	.00038	.00030	.00022	.00852	.00005	.01012
%RSD	115.26	4.9343	374.01	264.46	22.637	295.32	.50956	15.890

#1	.00012	.47280	.00017	-.00032	.00080	.00891	.01018	.05652
#2	.00001	.50699	-.00037	.00010	.00110	-.00314	.01011	.07083

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00023	.06863	.00020	.00072	.19678	.00005	.00148
Stddev	.00022	.00002	.00936	.00022	.00020	.00602	.00000	.00283
%RSD	14.421	9.3710	13.637	110.45	27.410	3.0574	9.6051	191.44

#1	.00169	-.00021	.07525	.00036	.00058	.20103	.00005	-.00052
#2	.00137	-.00024	.06202	.00004	.00086	.19253	.00005	.00348

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01261	.00803	.00045	-.00052	.00027	-.0010	.00338	1.7291
Stddev	.00204	.00234	.00064	.00239	.00002	.0011	.00002	.5691
%RSD	16.168	29.171	142.10	458.64	5.6556	112.6	.67077	32.912

#1	-.01405	.00638	-.00000	-.00221	.00026	-.0018	.00340	2.1314
#2	-.01117	.00969	.00090	.00117	.00028	-.0002	.00336	1.3267

Sample Name: J5519-02LX5 Acquired: 10/18/2018 13:54:59 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.25396
Stddev	.08528
%RSD	33.579

#1	.19366
#2	.31425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.2	55403.	4323.2	110.30	3446.4
Stddev	9.0	580.	64.7	1.33	13.9
%RSD	.37920	1.0472	1.4962	1.2074	.40234

#1	2379.8	54993.	4369.0	111.24	3436.5
#2	2392.6	55813.	4277.5	109.36	3456.2

Sample Name: J5519-02MS Acquired: 10/18/2018 13:59:05 Type: Unk
Method: P4-ICP2(v2507) 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	.68953	1.5953	.80763	1.8021	.65279	1.5193	.20438
Stddev	.00958	.0274	.01445	.0273	.01619	.0273	.00019
%RSD	1.3901	1.7195	1.7887	1.5128	2.4809	1.7955	.09185

#1	.68276	1.5759	.79741	1.7828	.64133	1.5386	.20424
#2	.69631	1.6147	.81784	1.8213	.66424	1.5000	.20451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16139	.15711	3.1178	.31470	.16137	.28222	2.3598
Stddev	.00112	.00250	.0264	.00292	.00236	.00523	.0135
%RSD	.69357	1.5896	.84622	.92674	1.4630	1.8524	.56978

#1	.16060	.15534	3.0991	.31263	.15970	.27853	2.3503
#2	.16218	.15887	3.1364	.31676	.16304	.28592	2.3693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21390	1.8778	.41737	.05705	3.3589	.24441	.17870
Stddev	.00110	.0095	.00615	.00082	.0046	.00254	.00579
%RSD	.51363	.50590	1.4727	1.4319	.13718	1.0407	3.2386

#1	.21312	1.8845	.41303	.05648	3.3622	.24261	.17461
#2	.21467	1.8711	.42172	.05763	3.3556	.24621	.18279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1877	.33992	.26042	.43441	.78499	.52419	.15374
Stddev	.0066	.00929	.00014	.00617	.01597	.01346	.00055
%RSD	.07163	2.7325	.05349	1.4209	2.0345	2.5687	.36086

#1	9.1924	.33336	.26052	.43005	.77370	.51467	.15335
#2	9.1831	.34649	.26032	.43878	.79629	.53371	.15414

Sample Name: J5519-02MS Acquired: 10/18/2018 13:59:05 Type: Unk
 Method: P4-ICP2(v2507) 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	.16589	4.367	.18386	1.4289	F<.00000
Stddev	.00108	.063	.00037	.5893	.51171
%RSD	.65006	1.448	.20352	41.240	41.156

#1	.16512	4.323	.18360	1.8456	-.88150
#2	.16665	4.412	.18412	1.0122	-1.6052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.7	55905.	4389.4	112.93	3417.2
Stddev	1.7	168.	85.3	1.45	3.8
%RSD	.07165	.30090	1.9435	1.2837	.10993

#1	2394.5	55786.	4449.8	113.95	3414.6
#2	2397.0	56024.	4329.1	111.90	3419.9

Sample Name: J5519-02MSD Acquired: 10/18/2018 14:02:58 Type: Unk
Method: P4-ICP2(v2507) 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	.78967	1.8173	.91849	2.0732	.78970	1.7416	.23011
Stddev	.00847	.0201	.01359	.0178	.00948	.0282	.00384
%RSD	1.0728	1.1044	1.4797	.85762	1.2011	1.6186	1.6681

#1	.78368	1.8031	.90888	2.0607	.78300	1.7217	.22739
#2	.79566	1.8315	.92810	2.0858	.79641	1.7616	.23282

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18400	.17901	3.3682	.35650	.18452	.32334	2.7347
Stddev	.00117	.00250	.0527	.00149	.00199	.00239	.0336
%RSD	.63759	1.3948	1.5655	.41757	1.0805	.73857	1.2285

#1	.18317	.17725	3.3309	.35545	.18311	.32165	2.7585
#2	.18483	.18078	3.4055	.35755	.18593	.32503	2.7109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23983	2.0776	.47449	.06488	3.7597	.27888	.20702
Stddev	.00094	.0422	.00642	.00051	.0347	.00305	.00028
%RSD	.39399	2.0306	1.3538	.78647	.92253	1.0930	.13324

#1	.23916	2.0478	.46995	.06452	3.7352	.27672	.20682
#2	.24049	2.1074	.47903	.06524	3.7842	.28103	.20721

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.386	.41166	.29480	.48121	.94658	.63144	.18396
Stddev	.087	.00556	.00862	.00396	.01327	.00824	.00049
%RSD	.83964	1.3509	2.9229	.82324	1.4016	1.3054	.26582

#1	10.324	.40772	.30090	.47841	.93720	.62561	.18361
#2	10.447	.41559	.28871	.48401	.95596	.63726	.18430

Sample Name: J5519-02MSD Acquired: 10/18/2018 14:02:58 Type: Unk
 Method: P4-ICP2(v2507) 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	.18768	4.979	.20723	2.1081	F<.00000
Stddev	.00093	.056	.00129	.2971	.24913
%RSD	.49568	1.130	.62397	14.094	15.766

#1	.18702	4.939	.20632	2.3182	-1.7564
#2	.18833	5.019	.20814	1.8980	-1.4041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.8	55699.	4398.3	110.75	3409.4
Stddev	12.3	80.	23.7	1.53	10.7
%RSD	.51776	.14400	.53935	1.3814	.31367

#1	2374.1	55756.	4415.0	109.67	3401.9
#2	2391.5	55642.	4381.5	111.83	3417.0

Sample Name: J5519-02A Acquired: 10/18/2018 14:06:51 Type: Unk
Method: P4-ICP2(v2507) 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	.84106	1.9289	.98071	2.1987	.85360	1.8666	.25032
Stddev	.00147	.0055	.00444	.0093	.00591	.0057	.00264
%RSD	.17521	.28296	.45284	.42337	.69179	.30675	1.0538

#1	.84210	1.9250	.97757	2.1921	.84943	1.8706	.24846
#2	.84002	1.9327	.98385	2.2053	.85778	1.8625	.25219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19921	.19098	3.6216	.38484	.19598	.34393	2.9272
Stddev	.00061	.00042	.0915	.00121	.00108	.00221	.0113
%RSD	.30676	.21919	2.5271	.31418	.54985	.64295	.38697

#1	.19878	.19068	3.5569	.38399	.19521	.34237	2.9192
#2	.19964	.19127	3.6863	.38570	.19674	.34549	2.9352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25854	2.3277	.50556	.06979	4.0795	.30334	.21958
Stddev	.00074	.0726	.00196	.00028	.0409	.00075	.00134
%RSD	.28604	3.1178	.38759	.40057	1.0037	.24694	.61188

#1	.25802	2.3791	.50418	.06999	4.0505	.30281	.21863
#2	.25906	2.2764	.50695	.06960	4.1084	.30387	.22053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.321	.44550	.34207	.50937	1.0801	.68862	.20811
Stddev	.089	.00187	.00838	.00490	.0098	.00328	.00581
%RSD	.78873	.42066	2.4503	.96199	.90475	.47657	2.7934

#1	11.258	.44417	.33614	.51283	1.0732	.68629	.20400
#2	11.384	.44682	.34799	.50590	1.0870	.69094	.21222

Sample Name: J5519-02A Acquired: 10/18/2018 14:06:51 Type: Unk
 Method: P4-ICP2(v2507) 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	.20620	5.306	.22472	2.9330	F<.00000
Stddev	.00104	.028	.00028	.2759	.34867
%RSD	.50339	.5283	.12589	9.4072	23.144

#1	.20547	5.286	.22492	2.7379	-1.7530
#2	.20694	5.326	.22452	3.1281	-1.2600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.1	55298.	4285.0	110.80	3401.6
Stddev	3.4	23.	58.4	.13	7.4
%RSD	.14151	.04130	1.3621	.11867	.21703

#1	2383.7	55315.	4326.2	110.89	3396.4
#2	2388.5	55282.	4243.7	110.71	3406.9

Sample Name: J5520-02 Acquired: 10/18/2018 14:14:45 Type: Unk
Method: P4-ICP2(v2507) 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	-.00655	-.00320	.00181	.00867	-.00124	.05480	.21138	-.00005
Stddev	.00073	.00124	.00036	.00587	.00203	.00076	.00016	.00001
%RSD	11.137	38.806	19.816	67.713	163.99	1.3909	.07699	21.682

#1	-.00707	-.00408	.00155	.00452	.00020	.05426	.21126	-.00006
#2	-.00604	-.00232	.00206	.01283	-.00267	.05534	.21149	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	236.21	.02610	-.00066	.00039	-.06394	.00011	.04675
Stddev	.00004	1.15	.00017	.00019	.00064	.00878	.00009	.02252
%RSD	23.412	.48619	.64772	28.900	163.76	13.729	82.868	48.160

#1	-.00018	237.02	.02622	-.00053	.00084	-.05773	.00004	.03083
#2	-.00013	235.40	.02598	-.00080	-.00006	-.07015	.00017	.06267

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00002	271.39	.00044	.01400	12.249	.02264	.01737
Stddev	.00039	.00003	2.55	.00009	.00034	.069	.00009	.00127
%RSD	226.87	120.65	.93808	20.196	2.4193	.56580	.41570	7.3149

#1	.00010	.00000	273.19	.00050	.01424	12.200	.02270	.01648
#2	-.00044	.00004	269.59	.00038	.01376	12.298	.02257	.01827

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49027	.10570	.00343	-.00530	.01250	-.0022	.31382	8.4154
Stddev	.00083	.00230	.00047	.00111	.00205	.0014	.00240	.0463
%RSD	.16875	2.1768	13.699	20.969	16.397	63.13	.76377	.54966

#1	.49086	.10408	.00310	-.00451	.01105	-.0012	.31551	8.4481
#2	.48969	.10733	.00376	-.00608	.01395	-.0032	.31212	8.3826

Sample Name: J5520-02 Acquired: 10/18/2018 14:14:45 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6383
Stddev .3468
%RSD 13.143

#1 2.8835
#2 2.3931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.7	49114.	4343.6	104.89	2836.0
Stddev	12.4	87.	48.2	2.17	18.7
%RSD	.59942	.17656	1.1093	2.0723	.65902

#1	2060.9	49053.	4309.5	103.35	2822.8
#2	2078.5	49176.	4377.7	106.43	2849.2

Sample Name: J5524-04 Acquired: 10/18/2018 14:18:53 Type: Unk
Method: P4-ICP2(v2507) 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	-.01075	-.00281	.00385	.00202	-.00116	.08229	.08375	-.00004
Stddev	.00044	.00055	.00009	.00586	.00063	.00303	.00181	.00010
%RSD	4.1124	19.623	2.2065	290.18	54.073	3.6834	2.1571	236.05

#1	-.01043	-.00320	.00379	.00616	-.00161	.08014	.08502	.00003
#2	-.01106	-.00242	.00391	-.00212	-.00072	.08443	.08247	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	7.4778	.00043	.00374	.01234	.05317	.17595	.88632
Stddev	.00010	.0343	.00090	.00048	.00075	.00227	.00011	.00844
%RSD	18.990	.45854	207.65	12.917	6.0391	4.2641	.06233	.95207

#1	.00045	7.4536	.00107	.00340	.01182	.05477	.17587	.88035
#2	.00059	7.5021	-.00020	.00409	.01287	.05157	.17603	.89229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	-.00066	289.70	.00039	.20110	1.2167	.00046	.02082
Stddev	.00031	.00025	5.92	.00017	.00367	.0014	.00014	.00083
%RSD	7.1396	37.170	2.0451	43.625	1.8229	.11542	30.539	3.9978

#1	.00409	-.00083	293.89	.00027	.19851	1.2157	.00036	.02023
#2	.00452	-.00049	285.51	.00051	.20370	1.2177	.00056	.02141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03009	.44998	.00373	.00026	.00099	.0028	.03398	6.4909
Stddev	.00108	.00283	.00008	.00050	.00163	.0006	.00016	.3134
%RSD	3.5746	.62781	2.2193	190.74	164.25	19.57	.47847	4.8286

#1	.03085	.44799	.00379	.00061	-.00016	.0024	.03387	6.7126
#2	.02933	.45198	.00367	-.00009	.00214	.0032	.03410	6.2693

Sample Name: J5524-04 Acquired: 10/18/2018 14:18:53 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.60845
Stddev	.15036
%RSD	24.711

#1	.50213
#2	.71477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.5	50931.	4319.0	109.03	3022.3
Stddev	10.3	153.	19.9	1.34	15.0
%RSD	.47317	.29993	.46094	1.2322	.49546

#1	2179.2	50823.	4304.9	109.98	3011.7
#2	2193.9	51039.	4333.1	108.08	3032.9

Sample Name: J5524-08 Acquired: 10/18/2018 14:22:59 Type: Unk
Method: P4-ICP2(v2507) 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	-.01042	-.00381	.00322	.00217	-.00046	.12139	.08551	.00000
Stddev	.00297	.00319	.00022	.00196	.00136	.00741	.00021	.00006
%RSD	28.550	83.691	6.6912	90.610	295.59	6.1019	.24505	1327.1

#1	-.01252	-.00156	.00307	.00355	.00050	.12662	.08536	-.00004
#2	-.00832	-.00607	.00337	.00078	-.00142	.11615	.08565	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	4.7584	.00050	.00320	.00594	.03358	.14499	.57247
Stddev	.00003	.0293	.00004	.00006	.00037	.00256	.00112	.04595
%RSD	12.880	.61544	7.1964	1.8343	6.1672	7.6177	.77286	8.0270

#1	.00025	4.7792	.00053	.00316	.00620	.03177	.14420	.53998
#2	.00021	4.7377	.00048	.00324	.00568	.03539	.14579	.60496

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	.00003	281.19	.00058	.20691	.49019	.00044	.01651
Stddev	.00015	.00009	1.78	.00038	.00301	.00643	.00020	.00513
%RSD	4.2296	284.28	.63366	66.002	1.4544	1.3126	46.738	31.050

#1	.00354	.00009	279.93	.00031	.20478	.49474	.00029	.01289
#2	.00376	-.00003	282.45	.00085	.20904	.48564	.00058	.02014

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06159	.32850	.00369	.00253	.00096	-.0008	.03259	5.3582
Stddev	.00413	.00494	.00011	.00204	.00073	.0019	.00009	.3981
%RSD	6.7078	1.5025	3.0174	80.489	76.337	248.0	.28338	7.4299

#1	.06451	.32501	.00361	.00397	.00148	-.0021	.03266	5.6398
#2	.05867	.33199	.00377	.00109	.00044	.0006	.03253	5.0767

Sample Name: J5524-08 Acquired: 10/18/2018 14:22:59 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .64368
 Stddev .33288
 %RSD 51.716

#1 .40829
 #2 .87906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.1	51728.	4429.4	111.03	3036.6
Stddev	29.5	125.	5.6	.98	30.6
%RSD	1.3370	.24138	.12728	.88096	1.0080

#1	2184.3	51640.	4425.4	111.73	3014.9
#2	2226.0	51816.	4433.4	110.34	3058.2

Sample Name: CCV03 Acquired: 10/18/2018 14:27:06 Type: Unk
Method: P4-ICP2(v2507) 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	5.3573	4.6170	4.8552	5.3939	5.1834	9.4626	10.210	.24191
Stddev	.0164	.0047	.0032	.0159	.0220	.0845	.130	.00077
%RSD	.30646	.10155	.06520	.29446	.42453	.89335	1.2689	.31980
#1	5.3689	4.6137	4.8574	5.4051	5.1989	9.5224	10.302	.24246
#2	5.3457	4.6204	4.8529	5.3827	5.1678	9.4028	10.119	.24136
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3563	24.823	.90690	2.4124	1.3448	4.8304	2.4006	25.314
Stddev	.0002	.209	.00029	.0027	.0048	.0849	.0018	.116
%RSD	.00962	.84318	.03170	.11141	.35671	1.7584	.07608	.45988
#1	2.3565	24.971	.90711	2.4143	1.3482	4.8905	2.3993	25.232
#2	2.3562	24.675	.90670	2.4105	1.3414	4.7704	2.4018	25.397
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4660	1.3532	23.885	2.4136	2.5120	25.626	5.3242	5.1039
Stddev	.0022	.0029	.237	.0037	.0507	.308	.0076	.0343
%RSD	.08770	.21685	.99239	.15132	2.0178	1.2014	.14274	.67279
#1	2.4676	1.3553	24.053	2.4162	2.5478	25.843	5.3296	5.1282
#2	2.4645	1.3511	23.718	2.4110	2.4761	25.408	5.3188	5.0796
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7528	5.0574	4.8281	5.0173	4.9826	4.641	5.0460	F 4.0363
Stddev	.0062	.0039	.0017	.0085	.0615	.004	.0496	.1787
%RSD	.13095	.07724	.03540	.16902	1.2346	.0926	.98365	4.4267
#1	4.7572	5.0547	4.8293	5.0233	5.0261	4.644	5.0811	4.1627
#2	4.7484	5.0602	4.8269	5.0113	4.9391	4.638	5.0109	3.9100

Sample Name: CCV03 Acquired: 10/18/2018 14:27:06 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4061
Stddev .4721
%RSD 19.621

#1 2.0723
#2 2.7400

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.5	54575.	4407.7	108.14	3147.7
Stddev	10.7	244.	19.6	2.41	12.0
%RSD	.46089	.44652	.44501	2.2292	.37988

#1	2304.0	54403.	4393.8	106.44	3139.2
#2	2319.1	54747.	4421.6	109.85	3156.1

Sample Name: CCB03 Acquired: 10/18/2018 14:30:50 Type: Unk
Method: P4-ICP2(v2507) 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	-.00658	.00169	.00009	-.00275	-.00126	-.02165	-.00074
Stddev	.00202	.00054	.00079	.00002	.00144	.00034	.00071
%RSD	30.686	31.716	890.26	.88176	114.67	1.5707	96.046

#1	-.00801	.00207	.00065	-.00277	-.00024	-.02189	-.00125
#2	-.00515	.00131	-.00047	-.00274	-.00228	-.02141	-.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00010	.03314	.00011	-.00011	.00030	-.00527
Stddev	.00002	.00004	.00278	.00077	.00035	.00005	.00437
%RSD	61.271	35.272	8.4013	692.79	329.38	16.035	82.806

#1	.00002	.00013	.03511	-.00043	.00014	.00033	-.00836
#2	.00004	.00008	.03117	.00065	-.00035	.00026	-.00219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01212	.00155	-.00005	-.12819	.00062	-.00087
Stddev	.00006	.05474	.00035	.00006	.00397	.00037	.00007
%RSD	153.71	451.46	22.663	116.67	3.0986	60.102	7.6318

#1	.00000	-.02658	.00130	-.00010	-.13100	.00036	-.00092
#2	-.00008	.05083	.00179	-.00001	-.12538	.00088	-.00082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05007	.00066	.00554	F -.14055	.00133	.00120	-.00049
Stddev	.02567	.00003	.00105	.00103	.00269	.00074	.00131
%RSD	51.265	4.5363	18.975	.73320	202.51	61.448	268.91

#1	.06822	.00064	.00480	-.14128	-.00057	.00172	.00044
#2	.03192	.00068	.00628	-.13982	.00323	.00068	-.00141

Sample Name: CCB03 Acquired: 10/18/2018 14:30:50 Type: Unk
Method: P4-ICP2(v2507) 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	.00126	-.0011	.00003	F 2.0490	F .30296
Stddev	.00008	.0014	.00008	.2895	.62213
%RSD	6.3500	130.6	291.90	14.128	205.35

#1	.00131	-.0001	-.00003	1.8443	.74288
#2	.00120	-.0020	.00009	2.2537	-.13695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.0	56366.	4398.6	114.50	3490.5
Stddev	7.1	120.	10.3	2.72	3.8
%RSD	.29593	.21312	.23361	2.3776	.10991

#1	2382.0	56281.	4391.4	112.58	3487.7
#2	2392.0	56451.	4405.9	116.43	3493.2

Sample Name: J5527-04 Acquired: 10/18/2018 14:34:54 Type: Unk
Method: P4-ICP2(v2507) 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	-.00915	-.00220	-.00021	.00472	.00018	.09928	.04771	-.00004
Stddev	.00015	.00059	.00034	.00291	.00129	.00279	.00021	.00006
%RSD	1.6048	26.990	161.48	61.680	725.77	2.8134	.44581	159.58

#1	-.00904	-.00178	.00003	.00678	.00109	.10126	.04786	-.00008
#2	-.00925	-.00261	-.00044	.00266	-.00074	.09731	.04756	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	4.6732	.00121	.00097	.01236	.33314	.14763	.91380
Stddev	.00007	.0451	.00025	.00011	.00098	.00388	.00024	.02685
%RSD	215.29	.96571	20.530	11.545	7.9344	1.1655	.15945	2.9388

#1	-.00002	4.6413	.00138	.00089	.01167	.33040	.14746	.89481
#2	.00008	4.7051	.00103	.00105	.01306	.33589	.14779	.93279

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.00009	267.46	.00080	.05390	.40374	.00048	.01144
Stddev	.00020	.00010	3.30	.00059	.00030	.02509	.00010	.00356
%RSD	5.3121	108.03	1.2345	73.733	.56206	6.2155	21.054	31.080

#1	.00354	-.00002	269.79	.00122	.05369	.42148	.00040	.00893
#2	.00382	-.00016	265.12	.00039	.05411	.38599	.00055	.01396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09564	.54977	.00485	.00373	.00094	.0024	.03066	6.9795
Stddev	.00206	.00559	.00041	.00032	.00023	.0013	.00021	.2075
%RSD	2.1523	1.0165	8.3552	8.4898	24.572	55.47	.69098	2.9728

#1	-.09709	.55372	.00514	.00395	.00111	.0033	.03051	6.8328
#2	-.09418	.54582	.00457	.00351	.00078	.0014	.03081	7.1263

Sample Name: J5527-04 Acquired: 10/18/2018 14:34:54 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .49957
Stddev .84318
%RSD 168.78

#1 1.0958
#2 -.09665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.9	51275.	4411.6	110.54	3045.6
Stddev	14.0	12.	36.1	.03	16.9
%RSD	.64154	.02289	.81883	.02665	.55645

#1	2170.0	51283.	4386.1	110.56	3033.6
#2	2189.8	51267.	4437.1	110.52	3057.6

Sample Name: J5444-01 Acquired: 10/18/2018 14:39:03 Type: Unk
Method: P4-ICP2(v2507) 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	-.00325	.00141	.00099	.00411	-.00186	.00802	.01070	.00008
Stddev	.00130	.00153	.00044	.00107	.00074	.00948	.00013	.00004
%RSD	39.969	107.87	44.091	25.991	39.561	118.16	1.1933	43.723

#1	-.00417	.00249	.00068	.00487	-.00134	.01472	.01061	.00006
#2	-.00233	.00034	.00130	.00336	-.00238	.00132	.01079	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	23.509	-.00046	-.00011	.00162	-.00577	.00084	6.8008
Stddev	.00004	.038	.00023	.00022	.00006	.00263	.00003	.0637
%RSD	133.10	.16177	49.484	200.40	3.4290	45.535	3.3239	.93625

#1	.00000	23.482	-.00030	.00005	.00166	-.00391	.00082	6.8458
#2	.00005	23.536	-.00063	-.00026	.00158	-.00762	.00086	6.7558

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	-.00001	31.136	.00070	-.00039	2.2387	.00070	.02487
Stddev	.00010	.00034	.157	.00011	.00009	.0130	.00000	.01602
%RSD	9.1217	2416.9	.50314	15.381	22.117	.57838	.31937	64.398

#1	.00107	-.00025	31.025	.00062	-.00033	2.2295	.00070	.01354
#2	.00121	.00022	31.247	.00077	-.00045	2.2479	.00069	.03619

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2308	1.1102	-.00047	.00083	.00189	.0393	.11670	.14197
Stddev	.0075	.0212	.00035	.00114	.00006	.0027	.00087	.11299
%RSD	.17677	1.9077	74.950	138.23	3.2507	6.822	.74810	79.588

#1	4.2361	1.0953	-.00072	.00002	.00193	.0374	.11609	.22186
#2	4.2255	1.1252	-.00022	.00164	.00185	.0412	.11732	.06207

Sample Name: J5444-01 Acquired: 10/18/2018 14:39:03 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7693
 Stddev .1114
 %RSD 6.2982

#1 1.8481
 #2 1.6905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.1	58856.	4564.7	119.79	3611.0
Stddev	5.4	50.	49.9	1.34	1.8
%RSD	.21548	.08442	1.0931	1.1190	.04939

#1	2530.0	58821.	4599.9	118.85	3612.3
#2	2522.3	58891.	4529.4	120.74	3609.7

Sample Name: J5444-01DUP Acquired: 10/18/2018 14:43:05 Type: Unk
Method: P4-ICP2(v2507) 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	-.00434	.00104	.00131	-.00155	-.00262	-.00546	.01132	-.00006
Stddev	.00049	.00069	.00034	.00114	.00011	.00737	.00033	.00009
%RSD	11.186	66.251	26.118	73.312	4.1736	134.88	2.8970	157.79

#1	-.00469	.00153	.00155	-.00075	-.00254	-.01067	.01155	.00001
#2	-.00400	.00055	.00107	-.00235	-.00269	-.00025	.01108	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	23.774	.00000	-.00002	.00172	-.00013	.00085	6.9077
Stddev	.00003	.052	.00005	.00004	.00004	.00240	.00002	.0233
%RSD	108.41	.21772	1524.1	163.44	2.0983	1796.6	2.7151	.33789

#1	.00001	23.811	-.00003	-.00005	.00169	-.00183	.00086	6.9242
#2	.00005	23.738	.00004	.00000	.00174	.00156	.00083	6.8912

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	.00009	31.640	.00054	-.00043	2.2392	.00047	.02172
Stddev	.00006	.00054	.302	.00040	.00003	.0198	.00029	.00486
%RSD	4.7540	627.21	.95321	73.727	6.0546	.88425	61.423	22.378

#1	.00121	.00047	31.853	.00026	-.00045	2.2532	.00067	.02515
#2	.00113	-.00030	31.426	.00082	-.00041	2.2252	.00026	.01828

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2783	1.1350	-.00032	-.00133	.00054	.0419	.11865	1.8759
Stddev	.0025	.0040	.00059	.00199	.00096	.0013	.00017	.1737
%RSD	.05896	.34952	184.51	149.21	177.05	3.081	.14633	9.2623

#1	4.2765	1.1378	-.00073	-.00274	.00122	.0410	.11877	1.7530
#2	4.2801	1.1321	.00010	.00007	-.00014	.0428	.11853	1.9988

Sample Name: J5444-01DUP Acquired: 10/18/2018 14:43:05 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6249
Stddev	.5901
%RSD	36.317

#1	1.2077
#2	2.0422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.9	57546.	4403.6	115.50	3540.8
Stddev	3.3	42.	12.5	1.67	7.0
%RSD	.13297	.07293	.28475	1.4416	.19684

#1	2466.2	57576.	4394.7	114.32	3545.7
#2	2461.6	57517.	4412.5	116.68	3535.9

Sample Name: J5444-01LX5 Acquired: 10/18/2018 14:47:07 Type: Unk
Method: P4-ICP2(v2507) 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	-.00704	-.00050	.00015	-.00142	.00036	-.01129	.00181	-.00003
Stddev	.00192	.00010	.00094	.00141	.00015	.00175	.00027	.00006
%RSD	27.308	20.331	613.55	99.481	40.636	15.491	15.042	197.69

#1	-.00840	-.00043	.00082	-.00042	.00026	-.01252	.00162	-.00007
#2	-.00568	-.00057	-.00051	-.00242	.00046	-.01005	.00201	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	4.6520	.00022	-.00012	.00060	-.00691	.00018	1.3488
Stddev	.00004	.0306	.00083	.00006	.00037	.00267	.00005	.0003
%RSD	59.165	.65720	381.32	53.783	62.482	38.587	24.992	.01840

#1	.00009	4.6304	-.00037	-.00007	.00086	-.00879	.00021	1.3486
#2	.00004	4.6736	.00081	-.00016	.00033	-.00502	.00015	1.3490

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00019	6.0981	.00011	-.00060	.47491	.00013	-.00014
Stddev	.00060	.00062	.0062	.00033	.00002	.01974	.00011	.01226
%RSD	40.035	322.60	.10163	289.71	3.6813	4.1556	80.121	8492.5

#1	.00107	-.00025	6.1024	.00035	-.00058	.46095	.00021	.00853
#2	.00192	.00063	6.0937	-.00012	-.00062	.48886	.00006	-.00881

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70366	.22237	.00032	-.00090	.00149	.0055	.02381	3.6195
Stddev	.00701	.00315	.00006	.00065	.00029	.0034	.00008	.2517
%RSD	.99607	1.4146	17.662	71.991	19.239	61.26	.32805	6.9552

#1	.69871	.22015	.00036	-.00136	.00128	.0079	.02376	3.7975
#2	.70862	.22460	.00028	-.00044	.00169	.0031	.02387	3.4415

Sample Name: J5444-01LX5 Acquired: 10/18/2018 14:47:07 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .54648
Stddev .70835
%RSD 129.62

#1 .04560
#2 1.0474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.8	55154.	4321.2	110.71	3452.2
Stddev	3.6	51.	43.7	1.34	2.4
%RSD	.15325	.09236	1.0108	1.2060	.07029

#1	2349.2	55118.	4352.1	111.66	3453.9
#2	2354.3	55190.	4290.3	109.77	3450.4

Sample Name: J5444-01MS Acquired: 10/18/2018 14:51:12 Type: Unk
Method: P4-ICP2(v2507) 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	.93241	2.0700	1.0681	2.4384	.91873	2.1308	.24449	.23056
Stddev	.00389	.0015	.0010	.0050	.00351	.0108	.00072	.00046
%RSD	.41742	.07295	.09285	.20603	.38214	.50714	.29399	.19817

#1	.93516	2.0711	1.0674	2.4419	.91625	2.1385	.24499	.23024
#2	.92966	2.0690	1.0688	2.4348	.92121	2.1232	.24398	.23088

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20861	24.665	.42118	.21215	.37300	3.2273	.22569	9.0121
Stddev	.00090	.023	.00133	.00098	.00013	.0482	.00047	.0139
%RSD	.43299	.09515	.31678	.46424	.03387	1.4929	.20698	.15457

#1	.20925	24.682	.42212	.21285	.37291	3.2614	.22603	9.0220
#2	.20797	24.649	.42024	.21145	.37309	3.1932	.22536	9.0023

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54741	.07411	34.144	.33483	.24117	14.306	.47252	.36918
Stddev	.00153	.00084	.371	.00068	.00503	.017	.00152	.00530
%RSD	.27977	1.1378	1.0855	.20252	2.0854	.11902	.32268	1.4348

#1	.54849	.07351	34.406	.33435	.24472	14.294	.47144	.37292
#2	.54632	.07471	33.881	.33531	.23761	14.318	.47360	.36543

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1188	2.2542	.74141	.22749	.22803	5.981	.34555	2.7360
Stddev	.0088	.0065	.00122	.00053	.00109	.016	.00395	.1459
%RSD	.21335	.28886	.16455	.23097	.47817	.2613	1.1425	5.3327

#1	4.1126	2.2588	.74055	.22711	.22880	5.970	.34834	2.6328
#2	4.1250	2.2496	.74227	.22786	.22726	5.992	.34276	2.8391

Sample Name: J5444-01MS Acquired: 10/18/2018 14:51:12 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .70890
 %RSD 121.91

#1 -.08023
 #2 -1.0828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.9	57102.	4391.1	114.42	3496.9
Stddev	3.5	101.	14.0	2.16	.2
%RSD	.13978	.17744	.31969	1.8840	.00458

#1	2478.4	57031.	4381.2	112.90	3496.7
#2	2473.5	57174.	4401.0	115.95	3497.0

Sample Name: J5444-01MSD Acquired: 10/18/2018 14:55:01 Type: Unk
Method: P4-ICP2(v2507) 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	.94777	2.0804	1.0706	2.4795	.92891	2.1300	.24539	.23071
Stddev	.00179	.0123	.0009	.0025	.00270	.0176	.00053	.00066
%RSD	.18854	.59296	.08280	.10215	.29049	.82521	.21749	.28596

#1	.94904	2.0891	1.0712	2.4778	.93082	2.1424	.24501	.23024
#2	.94651	2.0716	1.0699	2.4813	.92700	2.1176	.24577	.23118

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20919	24.750	.41880	.21308	.37632	3.2098	.22487	9.0173
Stddev	.00072	.120	.00177	.00089	.00063	.0462	.00162	.0989
%RSD	.34268	.48425	.42240	.41777	.16823	1.4380	.71864	1.0971

#1	.20970	24.665	.41755	.21371	.37588	3.1771	.22372	8.9474
#2	.20869	24.835	.42005	.21245	.37677	3.2424	.22601	9.0873

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54976	.07464	34.138	.33484	.24194	14.255	.47786	.37661
Stddev	.00093	.00022	.506	.00045	.00539	.097	.00065	.00173
%RSD	.16916	.30111	1.4827	.13587	2.2276	.67730	.13645	.45828

#1	.55042	.07448	33.780	.33452	.23813	14.187	.47832	.37783
#2	.54910	.07480	34.496	.33516	.24575	14.324	.47740	.37539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1969	2.2506	.74069	.22919	.22703	6.073	.34772	3.0215
Stddev	.0079	.0318	.00339	.00205	.00129	.006	.00441	.4032
%RSD	.18767	1.4124	.45804	.89442	.56849	.1033	1.2689	13.346

#1	4.2025	2.2282	.73829	.22774	.22612	6.077	.34460	2.7364
#2	4.1913	2.2731	.74309	.23064	.22794	6.069	.35084	3.3066

Sample Name: J5444-01MSD Acquired: 10/18/2018 14:55:01 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .39977
%RSD 61.591

#1 -.36639
#2 -.93175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.5	56862.	4390.6	114.33	3487.3
Stddev	12.8	372.	67.9	1.91	21.1
%RSD	.52143	.65471	1.5471	1.6662	.60526

#1	2449.5	57125.	4438.6	115.68	3472.4
#2	2467.6	56599.	4342.6	112.98	3502.2

Sample Name: J5444-01A Acquired: 10/18/2018 14:58:51 Type: Unk
Method: P4-ICP2(v2507) 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	.95089	2.0705	1.0658	2.5070	.93558	2.0962	.24512
Stddev	.00091	.0001	.0006	.0085	.00074	.0004	.00015
%RSD	.09594	.00408	.05156	.33970	.07962	.02160	.06095

#1	.95024	2.0706	1.0654	2.5009	.93506	2.0965	.24522
#2	.95153	2.0704	1.0662	2.5130	.93611	2.0958	.24501

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22902	.20773	24.195	.41624	.21185	.37763	3.1461
Stddev	.00059	.00040	.107	.00066	.00065	.00168	.0364
%RSD	.25956	.19224	.44044	.15847	.30612	.44457	1.1571

#1	.22944	.20745	24.120	.41671	.21139	.37644	3.1718
#2	.22860	.20802	24.270	.41578	.21231	.37881	3.1203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22354	8.9977	.54950	.07489	34.047	.33291	.23672
Stddev	.00011	.0306	.00041	.00066	.056	.00157	.00371
%RSD	.04882	.33984	.07540	.87616	.16376	.47070	1.5658

#1	.22362	8.9760	.54921	.07443	34.008	.33402	.23934
#2	.22347	9.0193	.54979	.07535	34.087	.33180	.23410

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.191	.48021	.36290	4.2042	2.2253	.74349	.22501
Stddev	.025	.00103	.00227	.0130	.0042	.00586	.00107
%RSD	.17726	.21523	.62517	.31024	.18854	.78805	.47475

#1	14.173	.47948	.36450	4.1950	2.2283	.73935	.22576
#2	14.209	.48094	.36130	4.2135	2.2224	.74763	.22425

Sample Name: J5444-01A Acquired: 10/18/2018 14:58:51 Type: Unk
 Method: P4-ICP2(v2507) 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	.22658	6.050	.34360	2.5020	F<.00000
Stddev	.00127	.013	.00070	.1274	.22887
%RSD	.55839	.2085	.20308	5.0927	22.785

#1	.22748	6.041	.34311	2.4119	-.84261
#2	.22569	6.058	.34410	2.5921	-1.1663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.4	57102.	4424.5	116.01	3465.4
Stddev	7.4	55.	.8	1.37	10.5
%RSD	.30568	.09620	.01817	1.1772	.30386

#1	2433.7	57063.	4425.0	115.04	3472.9
#2	2423.2	57141.	4423.9	116.97	3458.0

Sample Name: PB113877BL Acquired: 10/18/2018 15:02:40 Type: Unk
Method: P4-ICP2(v2507) 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	-.00474	.00040	-.00057	-.00045	.00044	-.00980	-.00060
Stddev	.00051	.00042	.00073	.00103	.00080	.00202	.00051
%RSD	10.759	105.14	127.63	226.83	181.48	20.653	84.956

#1	-.00510	.00069	-.00109	.00027	-.00013	-.01123	-.00097
#2	-.00438	.00010	-.00006	-.00118	.00101	-.00837	-.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00010	.03655	.00030	.00002	.00037	-.00472
Stddev	.00001	.00008	.00091	.00010	.00006	.00052	.01351
%RSD	34.791	79.758	2.4777	33.366	286.02	139.95	285.94

#1	.00002	.00016	.03591	.00037	.00007	.00000	.00483
#2	.00004	.00005	.03719	.00023	-.00002	.00073	-.01428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01878	.00157	-.00021	-.11190	.00051	-.00083
Stddev	.00004	.01335	.00015	.00001	.00291	.00044	.00006
%RSD	102.68	71.053	9.5031	4.2094	2.5968	85.935	7.5718

#1	.00007	.00935	.00168	-.00021	-.11396	.00020	-.00088
#2	.00001	.02822	.00146	-.00022	-.10985	.00082	-.00079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08288	.00055	-.00119	F -.14329	.00279	.00222	-.00107
Stddev	.02659	.00010	.00807	.00402	.00450	.00026	.00173
%RSD	32.086	18.544	676.23	2.8062	161.31	11.873	160.95

#1	.10169	.00048	.00451	-.14045	.00597	.00241	-.00229
#2	.06408	.00063	-.00690	-.14613	-.00039	.00203	.00015

Sample Name: PB113877BL Acquired: 10/18/2018 15:02:40 Type: Unk
 Method: P4-ICP2(v2507) 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	.00039	-.0004	.00001	F 3.7070	F .24728
Stddev	.00126	.0010	.00006	.2282	.19361
%RSD	327.60	250.1	819.00	6.1558	78.296

#1	-.00051	-.0011	-.00004	3.5457	.38418
#2	.00128	.0003	.00005	3.8684	.11038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.9	55145.	4325.2	108.59	3421.3
Stddev	7.6	24.	.1	2.44	8.7
%RSD	.32963	.04414	.00134	2.2465	.25333

#1	2306.5	55162.	4325.2	110.32	3415.1
#2	2317.3	55128.	4325.3	106.87	3427.4

Sample Name: PB113877BS Acquired: 10/18/2018 15:06:45 Type: Unk
Method: P4-ICP2(v2507) 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	.77829	1.7259	.88243	2.0079	.76766	1.7458	.19805
Stddev	.00382	.0010	.00194	.0182	.00200	.0240	.00021
%RSD	.49075	.05842	.21969	.90454	.26053	1.3737	.10573

#1	.78099	1.7266	.88380	2.0208	.76907	1.7627	.19791
#2	.77559	1.7251	.88106	1.9951	.76624	1.7288	.19820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17965	.16989	1.0310	.34525	.17651	.31578	2.6880
Stddev	.00023	.00008	.0010	.00074	.00021	.00153	.0496
%RSD	.12591	.04720	.09872	.21434	.11862	.48332	1.8463

#1	.17981	.16995	1.0317	.34578	.17666	.31686	2.6529
#2	.17949	.16983	1.0302	.34473	.17636	.31470	2.7231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18806	2.0101	.45734	.06387	2.5741	.27740	.18867
Stddev	.00025	.0641	.00175	.00025	.0112	.00262	.00429
%RSD	.13040	3.1885	.38284	.39854	.43342	.94583	2.2752

#1	.18824	1.9648	.45858	.06369	2.5662	.27554	.18564
#2	.18789	2.0554	.45610	.06405	2.5820	.27925	.19171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7786	.40331	.28106	F -.15211	.92164	.60358	.18589
Stddev	.0506	.00186	.00239	.00024	.01274	.00093	.00187
%RSD	.51745	.46050	.85094	.15920	1.3820	.15417	1.0043

#1	9.7428	.40463	.28275	-.15228	.91263	.60424	.18457
#2	9.8144	.40200	.27937	-.15194	.93065	.60292	.18721

Sample Name: PB113877BS Acquired: 10/18/2018 15:06:45 Type: Unk
 Method: P4-ICP2(v2507) 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	.19220	F 4.722	.19525	F 4.2117	F<.00000
Stddev	.00044	.005	.00089	.6803	.09930
%RSD	.23035	.1024	.45431	16.154	4.0860

#1	.19251	4.718	.19588	4.6927	-2.5005
#2	.19189	4.725	.19462	3.7306	-2.3600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.7	55336.	4310.3	112.37	3414.9
Stddev	23.4	438.	40.3	1.81	25.4
%RSD	.99568	.79230	.93508	1.6098	.74384

#1	2330.2	55026.	4338.8	113.65	3396.9
#2	2363.2	55646.	4281.8	111.09	3432.9

Sample Name: PB113886BL Acquired: 10/18/2018 15:22:00 Type: Unk
Method: P4-ICP2(v2507) 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	-.00437	-.00078	-.00080	-.00015	.00119	-.01124	-.00079
Stddev	.00108	.00099	.00062	.00491	.00085	.00311	.00008
%RSD	24.638	126.57	77.412	3352.4	71.311	27.624	10.133

#1	-.00513	-.00008	-.00123	-.00362	.00178	-.00904	-.00084
#2	-.00361	-.00148	-.00036	.00333	.00059	-.01344	-.00073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00013	.01175	-.00010	-.00017	.00085	-.00333
Stddev	.00006	.00006	.01150	.00021	.00007	.00018	.00192
%RSD	288.26	46.327	97.847	207.20	40.550	21.303	57.579

#1	.00002	.00018	.01988	.00005	-.00022	.00072	-.00197
#2	-.00006	.00009	.00362	-.00025	-.00012	.00098	-.00468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.04104	.00141	.00001	-.17377	.00042	-.00082
Stddev	.00007	.05187	.00031	.00070	.00426	.00029	.00001
%RSD	133.00	126.39	21.878	5103.9	2.4531	69.107	1.2214

#1	.00010	.00436	.00120	.00051	-.17076	.00022	-.00082
#2	.00000	.07772	.00163	-.00048	-.17679	.00063	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04511	.00024	.00132	F -.14879	.00137	.00147	-.00058
Stddev	.00909	.00017	.00312	.00150	.00293	.00011	.00153
%RSD	20.146	71.933	237.02	1.0063	213.94	7.5107	262.02

#1	.05154	.00012	.00352	-.14773	-.00070	.00155	-.00166
#2	.03869	.00036	-.00089	-.14985	.00344	.00140	.00050

Sample Name: PB113886BL Acquired: 10/18/2018 15:22:00 Type: Unk
 Method: P4-ICP2(v2507) 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	.00207	-.0018	.00004	F 4.5504	F .03286
Stddev	.00117	.0015	.00008	.6117	.04229
%RSD	56.269	83.79	176.49	13.443	128.69

#1	.00290	-.0007	.00010	4.9829	.00296
#2	.00125	-.0028	-.00001	4.1178	.06277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.7	55082.	4347.3	111.65	3455.0
Stddev	9.1	79.	61.5	1.14	21.6
%RSD	.38922	.14398	1.4137	1.0239	.62614

#1	2338.2	55026.	4390.7	110.84	3439.7
#2	2351.1	55138.	4303.8	112.46	3470.3

Sample Name: CCV04 Acquired: 10/18/2018 15:26:05 Type: Unk
Method: P4-ICP2(v2507) 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	5.2861	4.8711	4.7989	5.3127	5.1441	9.4030	9.9814	.23954
Stddev	.0012	.0137	.0141	.0073	.0049	.0701	.0828	.00041
%RSD	.02183	.28096	.29308	.13760	.09435	.74498	.82994	.17140
#1	5.2869	4.8808	4.8088	5.3075	5.1475	9.4525	10.040	.23983
#2	5.2852	4.8614	4.7889	5.3179	5.1406	9.3535	9.9229	.23925
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3216	25.056	.97191	2.3753	1.3376	4.7264	2.3871	25.043
Stddev	.0028	.177	.00316	.0019	.0000	.1707	.0005	.113
%RSD	.12046	.70587	.32489	.08046	.00294	3.6115	.02179	.45193
#1	2.3236	25.181	.96968	2.3766	1.3375	4.8471	2.3868	24.963
#2	2.3196	24.931	.97414	2.3739	1.3376	4.6057	2.3875	25.123
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4268	1.2714	23.312	2.3862	2.4998	25.357	5.2713	5.1025
Stddev	.0042	.0054	.166	.0011	.1053	.134	.0005	.0034
%RSD	.17101	.42784	.71103	.04688	4.2121	.52812	.00964	.06660
#1	2.4297	1.2675	23.429	2.3870	2.5743	25.452	5.2710	5.1049
#2	2.4239	1.2752	23.194	2.3854	2.4254	25.263	5.2717	5.1001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6639	5.1131	4.7436	4.9224	4.9199	4.595	5.0606	F 6.5135
Stddev	.0055	.0021	.0071	.0036	.0374	.005	.0324	.6929
%RSD	.11740	.04065	.14970	.07399	.76126	.1067	.64024	10.638
#1	4.6678	5.1117	4.7386	4.9198	4.9463	4.598	5.0835	7.0035
#2	4.6601	5.1146	4.7486	4.9249	4.8934	4.591	5.0377	6.0236

Sample Name: CCV04 Acquired: 10/18/2018 15:26:05 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9286
Stddev .0704
%RSD 3.6512

#1 1.9784
#2 1.8788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.6	53838.	4318.2	107.08	3142.0
Stddev	9.4	275.	17.9	5.03	17.9
%RSD	.40819	.51098	.41474	4.6977	.57016

#1	2286.0	53643.	4305.5	103.53	3129.3
#2	2299.2	54033.	4330.9	110.64	3154.7

Sample Name: CCB04 Acquired: 10/18/2018 15:29:48 Type: Unk
Method: P4-ICP2(v2507) 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	-.00908	.00036	-.00070	.00109	.00082	-.02592	.00015
Stddev	.00007	.00030	.00148	.00098	.00183	.01005	.00107
%RSD	.75324	81.660	210.21	89.723	223.59	38.791	713.39

#1	-.00903	.00015	-.00175	.00178	.00211	-.01881	-.00061
#2	-.00912	.00057	.00034	.00040	-.00047	-.03303	.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00017	.02203	.00039	-.00005	-.00014	-.00896
Stddev	.00005	.00003	.00943	.00036	.00004	.00078	.00038
%RSD	153.95	15.488	42.821	92.465	94.505	568.14	4.2235

#1	-.00000	.00015	.02870	.00014	-.00008	-.00069	-.00922
#2	.00007	.00019	.01536	.00065	-.00002	.00041	-.00869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03472	.00113	-.00035	-.18465	.00095	-.00079
Stddev	.00005	.04298	.00039	.00034	.00286	.00044	.00005
%RSD	138.38	123.78	34.087	97.843	1.5489	46.916	5.8012

#1	.00000	.00433	.00086	-.00058	-.18667	.00063	-.00075
#2	.00007	.06512	.00140	-.00011	-.18262	.00126	-.00082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02601	.00063	.00369	F -.15180	.00845	.00108	.00023
Stddev	.01851	.00011	.00038	.00014	.00000	.00084	.00028
%RSD	71.166	17.774	10.198	.09439	.00809	77.644	121.99

#1	.01292	.00070	.00396	-.15190	.00845	.00049	.00003
#2	.03910	.00055	.00343	-.15170	.00845	.00168	.00043

Sample Name: CCB04 Acquired: 10/18/2018 15:29:48 Type: Unk
Method: P4-ICP2(v2507) 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	-.00061	-.0019	.00010	F 4.8055	F .55149
Stddev	.00080	.0020	.00006	.0490	.76284
%RSD	129.78	105.7	58.890	1.0191	138.32

#1	-.00118	-.0033	.00014	4.7709	.01208
#2	-.00005	-.0005	.00006	4.8401	1.0909

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.7	55292.	4206.2	107.76	3467.4
Stddev	15.1	290.	1.9	.42	18.5
%RSD	.64052	.52378	.04501	.38823	.53246

#1	2353.0	55087.	4204.9	107.47	3454.3
#2	2374.4	55497.	4207.5	108.06	3480.4

Sample Name: J5519-02 Acquired: 10/18/2018 15:33:52 Type: Unk
Method: P4-ICP2(v2507) 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	-.00414	.00025	-.00263	-.00022	-.00039	.00208	.00285	-.00054
Stddev	.00069	.00036	.00031	.00460	.00190	.00507	.00016	.00002
%RSD	16.583	147.32	11.685	2132.9	491.53	244.30	5.4639	4.0709

#1	-.00366	-.00001	-.00241	-.00347	.00096	-.00151	.00296	-.00052
#2	-.00463	.00050	-.00285	.00303	-.00173	.00566	.00274	-.00056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	4.9961	.00113	.00019	.00261	18.060	.18278	.35134
Stddev	.00002	.0314	.00015	.00015	.00019	.022	.00098	.01573
%RSD	18.271	.62948	13.057	81.678	7.2047	.12345	.53867	4.4778

#1	.00011	4.9739	.00103	.00030	.00248	18.044	.18208	.36246
#2	.00008	5.0183	.00124	.00008	.00274	18.075	.18348	.34021

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00271	.00085	1.7768	.00093	.02459	1.7856	.00064	.01590
Stddev	.00000	.00008	.0211	.00064	.00025	.0081	.00001	.00389
%RSD	.04878	9.6781	1.1868	68.902	1.0292	.45548	1.8653	24.484

#1	.00271	.00079	1.7619	.00139	.02477	1.7914	.00063	.01866
#2	.00271	.00091	1.7918	.00048	.02441	1.7799	.00065	.01315

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92676	.13513	.00207	.00213	.00080	.0015	.03490	3.9832
Stddev	.00210	.01880	.00008	.00071	.00036	.0014	.00023	.5762
%RSD	.22673	13.914	4.0488	33.258	44.664	93.96	.66973	14.465

#1	.92825	.12183	.00213	.00263	.00055	.0024	.03506	4.3906
#2	.92528	.14842	.00201	.00163	.00106	.0005	.03473	3.5758

Sample Name: J5519-02 Acquired: 10/18/2018 15:33:52 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1762
Stddev .2022
%RSD 6.3670

#1 3.3192
#2 3.0332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.7	55153.	4260.6	106.55	3435.4
Stddev	10.8	144.	33.0	1.37	11.7
%RSD	.45793	.26164	.77431	1.2885	.33927

#1	2355.0	55051.	4237.2	105.58	3427.2
#2	2370.3	55255.	4283.9	107.53	3443.7

Sample Name: J5519-02DUP Acquired: 10/18/2018 15:37:55 Type: Unk
Method: P4-ICP2(v2507) 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	-.00624	.00080	-.00239	.00158	-.00087	.01468	.00303	-.00050
Stddev	.00130	.00134	.00040	.00026	.00076	.00175	.00022	.00001
%RSD	20.842	167.46	16.554	16.642	86.821	11.893	7.0994	2.5992

#1	-.00532	.00175	-.00267	.00177	-.00141	.01592	.00288	-.00051
#2	-.00716	-.00015	-.00211	.00140	-.00034	.01345	.00319	-.00049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	5.0321	.00127	.00019	.00293	17.424	.18164	.33723
Stddev	.00006	.0258	.00044	.00010	.00051	.217	.00132	.03494
%RSD	61.802	.51311	34.822	50.932	17.523	1.2432	.72443	10.361

#1	.00006	5.0138	.00096	.00012	.00257	17.577	.18071	.31252
#2	.00014	5.0503	.00159	.00026	.00330	17.271	.18257	.36193

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	-.00032	1.7799	.00056	.02365	1.7669	.00065	.01251
Stddev	.00016	.00031	.0037	.00019	.00026	.0010	.00014	.00397
%RSD	6.0544	96.749	.20652	34.466	1.0996	.05925	21.401	31.731

#1	.00272	-.00010	1.7773	.00069	.02383	1.7662	.00074	.01532
#2	.00249	-.00054	1.7825	.00042	.02346	1.7676	.00055	.00970

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92745	.12015	.00106	.00039	.00190	.0030	.03493	3.8104
Stddev	.00354	.00251	.00016	.00182	.00082	.0025	.00015	.8334
%RSD	.38200	2.0890	14.638	469.73	43.271	83.12	.42745	21.871

#1	.92996	.12193	.00095	-.00090	.00248	.0012	.03503	4.3997
#2	.92495	.11838	.00117	.00168	.00132	.0048	.03482	3.2211

Sample Name: J5519-02DUP Acquired: 10/18/2018 15:37:55 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2760
Stddev .4653
%RSD 14.203

#1 2.9470
#2 3.6050

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.6	55561.	4262.2	110.36	3438.2
Stddev	3.0	327.	23.2	2.39	4.0
%RSD	.12475	.58869	.54483	2.1624	.11513

#1	2364.5	55329.	4245.8	108.68	3435.4
#2	2368.7	55792.	4278.7	112.05	3441.0

Sample Name: PB113885BL Acquired: 10/18/2018 15:49:58 Type: Unk
Method: P4-ICP2(v2507) 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	-.00725	-.00065	-.00011	-.00229	-.00011	-.02438	.00112
Stddev	.00092	.00027	.00017	.00120	.00073	.00806	.00083
%RSD	12.633	41.155	158.78	52.643	693.87	33.056	74.368

#1	-.00660	-.00084	-.00022	-.00144	.00041	-.03008	.00170
#2	-.00790	-.00046	.00001	-.00314	-.00062	-.01868	.00053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00015	.02740	-.00004	-.00001	.00020	-.01132
Stddev	.00003	.00009	.02119	.00036	.00020	.00055	.01215
%RSD	38.381	58.508	77.337	820.37	1722.6	270.82	107.32

#1	-.00005	.00021	.01241	-.00030	.00013	.00059	-.01991
#2	-.00008	.00009	.04238	.00021	-.00015	-.00018	-.00273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01830	.00160	-.00009	-.15492	.00054	-.00088
Stddev	.00003	.04169	.00040	.00022	.00163	.00023	.00006
%RSD	1589.6	227.80	25.244	258.54	1.0543	43.335	6.8875

#1	.00002	.04778	.00132	.00007	-.15608	.00037	-.00083
#2	-.00002	-.01118	.00189	-.00024	-.15377	.00070	-.00092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05719	.00046	-.00125	F -.15083	.00193	.00120	.00093
Stddev	.04622	.00003	.00605	.00283	.00123	.00172	.00093
%RSD	80.813	6.1381	485.01	1.8784	63.715	143.32	99.436

#1	.02451	.00048	.00303	-.15283	.00106	.00241	.00028
#2	.08987	.00044	-.00553	-.14882	.00280	-.00002	.00159

Sample Name: PB113885BL Acquired: 10/18/2018 15:49:58 Type: Unk
Method: P4-ICP2(v2507) 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	.00135	.0004	-.00000	F 4.4432	F 1.0431
Stddev	.00092	.0011	.00003	.4277	.1036
%RSD	67.916	274.6	723.06	9.6263	9.9351

#1	.00200	-.0004	.00002	4.7457	.96984
#2	.00070	.0012	-.00003	4.1408	1.1164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.0	55975.	4262.8	110.49	3531.6
Stddev	4.2	488.	14.8	2.40	2.4
%RSD	.17440	.87236	.34676	2.1706	.06722

#1	2411.0	55629.	4252.3	108.79	3533.3
#2	2417.0	56320.	4273.2	112.18	3530.0

Sample Name: PB113885BS Acquired: 10/18/2018 15:54:02 Type: Unk
Method: P4-ICP2(v2507) 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	.73166	1.6192	.83615	1.8398	.74595	1.7288	.19732
Stddev	.00994	.0146	.00541	.0110	.00052	.0072	.00026
%RSD	1.3584	.90221	.64719	.59695	.06915	.41410	.13154

#1	.72464	1.6089	.83232	1.8320	.74559	1.7339	.19714
#2	.73869	1.6295	.83997	1.8475	.74632	1.7238	.19751

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16559	.16084	1.0485	.34436	.17188	.30333	2.6577
Stddev	.00054	.00087	.0246	.00078	.00073	.00231	.0094
%RSD	.32663	.53889	2.3511	.22772	.42695	.76130	.35524

#1	.16598	.16023	1.0311	.34381	.17136	.30170	2.6643
#2	.16521	.16145	1.0659	.34491	.17240	.30497	2.6510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18579	1.9056	.43897	.06044	2.7368	.27850	.18059
Stddev	.00039	.0486	.00195	.00028	.0251	.00125	.00186
%RSD	.21123	2.5527	.44411	.46819	.91669	.44792	1.0314

#1	.18552	1.8712	.43759	.06024	2.7190	.27762	.17927
#2	.18607	1.9400	.44035	.06064	2.7545	.27938	.18190

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7000	.41015	.28147	F -.15295	.88901	.57922	.18934
Stddev	.0492	.00299	.00199	.00277	.02377	.00145	.00268
%RSD	.50679	.72869	.70592	1.8105	2.6734	.25110	1.4157

#1	9.6652	.40803	.28288	-.15099	.87220	.57819	.18745
#2	9.7348	.41226	.28007	-.15491	.90581	.58025	.19124

Sample Name: PB113885BS Acquired: 10/18/2018 15:54:02 Type: Unk
Method: P4-ICP2(v2507) 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	.19236	F 4.392	.19829	F 4.4554	F<.00000
Stddev	.00082	.018	.00027	.8012	.09302
%RSD	.42542	.4202	.13624	17.983	5.4177

#1	.19293	4.379	.19809	5.0219	-1.6512
#2	.19178	4.405	.19848	3.8888	-1.7827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.9	55089.	4250.5	110.00	3405.2
Stddev	6.8	372.	29.3	.17	15.1
%RSD	.29420	.67537	.69015	.15536	.44420

#1	2305.1	54826.	4271.3	110.12	3394.5
#2	2314.7	55352.	4229.8	109.88	3415.9

Sample Name: PB113885TB Acquired: 10/18/2018 15:57:55 Type: Unk
Method: P4-ICP2(v2507) 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	-.00987	-.00213	.00046	.00405	-.00003	-.02007	-.00042
Stddev	.00021	.00069	.00108	.00407	.00003	.00905	.00125
%RSD	2.0860	32.186	233.24	100.47	96.127	45.093	297.29

#1	-.01002	-.00262	.00123	.00692	-.00005	-.01367	-.00130
#2	-.00973	-.00165	-.00030	.00117	-.00001	-.02646	.00046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00003	.04308	.00055	-.00038	.00051	.00425
Stddev	.00002	.00008	.00220	.00003	.00038	.00043	.00008
%RSD	16.523	266.25	5.1084	5.9825	99.668	85.365	1.8066

#1	-.00012	.00003	.04464	.00052	-.00065	.00020	.00431
#2	-.00010	-.00009	.04153	.00057	-.00011	.00082	.00420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.01525	.00228	.00047	F 290.66	.00031	.00377
Stddev	.00005	.04232	.00039	.00031	3.24	.00009	.00005
%RSD	23.449	277.48	16.896	64.811	1.1159	30.012	1.3241

#1	.00024	.01467	.00256	.00026	288.37	.00038	.00381
#2	.00017	-.04518	.00201	.00069	292.95	.00025	.00374

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04974	.00035	.00834	F -.14439	.00509	.00367	-.00007
Stddev	.01071	.00003	.01022	.00015	.00018	.00037	.00180
%RSD	21.528	7.4154	122.58	.10589	3.5289	10.085	2507.9

#1	.05731	.00036	.01556	-.14450	.00497	.00394	.00120
#2	.04217	.00033	.00111	-.14429	.00522	.00341	-.00135

Sample Name: PB113885TB Acquired: 10/18/2018 15:57:55 Type: Unk
Method: P4-ICP2(v2507) 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	.00075	-.0022	.00003	F 8.5876	F 1.0454
Stddev	.00033	.0009	.00002	.0495	.1061
%RSD	44.461	40.70	55.946	.57669	10.150

#1	.00098	-.0028	.00004	8.6226	1.1204
#2	.00051	-.0015	.00002	8.5525	.97033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2211.1	50888.	4269.3	109.11	3080.1
Stddev	15.2	217.	11.5	.26	9.8
%RSD	.68824	.42630	.26869	.23763	.31943

#1	2200.3	50735.	4277.5	109.29	3073.1
#2	2221.8	51042.	4261.2	108.93	3087.0

Sample Name: PB113968BL Acquired: 10/18/2018 16:02:05 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-4B-C-101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00647	-.00168	-.00101	.00398	-.00279	-.00044	-.00033
Stddev	.00014	.00069	.00080	.00119	.00220	.00544	.00045
%RSD	2.2105	41.280	78.475	29.810	78.725	1250.1	136.28

#1	-.00637	-.00216	-.00158	.00481	-.00435	.00341	-.00064
#2	-.00657	-.00119	-.00045	.00314	-.00124	-.00429	-.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00005	.06253	.00063	-.00016	.00084	-.00295
Stddev	.00004	.00001	.00727	.00006	.00002	.00017	.00129
%RSD	30.898	20.734	11.619	9.2168	11.246	20.614	43.846

#1	-.00014	.00004	.06766	.00068	-.00014	.00096	-.00387
#2	-.00009	.00006	.05739	.00059	-.00017	.00072	-.00204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.01891	.00198	.00011	-.14994	.00093	.00670
Stddev	.00005	.02719	.00002	.00001	.00150	.00029	.00034
%RSD	21.056	143.79	1.0143	12.492	.99790	30.989	5.0648

#1	.00026	-.00032	.00196	.00011	-.15100	.00113	.00694
#2	.00019	.03814	.00199	.00010	-.14888	.00072	.00646

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04303	.00046	-.00564	F -.15019	.00434	.00262	.00003
Stddev	.02302	.00006	.00400	.00365	.00125	.00028	.00030
%RSD	53.505	13.342	70.883	2.4297	28.861	10.499	1116.1

#1	.05931	.00051	-.00846	-.14761	.00522	.00282	.00024
#2	.02675	.00042	-.00281	-.15277	.00345	.00243	-.00019

Sample Name: PB113968BL Acquired: 10/18/2018 16:02:05 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-4B-C-101 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.0003	.00007	F 4.0374	.00149
Stddev	.00029	.0013	.00007	.5882	.08309
%RSD	50.123	451.2	101.95	14.569	5578.8

#1	.00079	.0006	.00012	4.4533	-.05726
#2	.00038	-.0012	.00002	3.6214	.06024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.8	56155.	4284.5	110.68	3522.8
Stddev	7.9	374.	40.1	4.32	10.5
%RSD	.33399	.66645	.93547	3.9025	.29688

#1	2365.2	55890.	4256.1	107.63	3515.4
#2	2376.4	56420.	4312.8	113.73	3530.2

Sample Name: PB113968TB Acquired: 10/18/2018 16:10:04 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-4A-C-101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00630	-.00316	.00100	.00404	.00021	-.01245	-.00004
Stddev	.00096	.00097	.00017	.00028	.00048	.01552	.00021
%RSD	15.180	30.584	17.145	6.9025	229.52	124.61	489.66

#1	-.00697	-.00248	.00088	.00385	-.00013	-.02343	-.00019
#2	-.00562	-.00384	.00112	.00424	.00055	-.00148	.00010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00007	.02287	.00110	-.00033	.00017	-.01075
Stddev	.00001	.00005	.01966	.00003	.00019	.00068	.01101
%RSD	6.0232	73.369	85.967	2.3659	57.467	395.16	102.45

#1	-.00011	.00003	.03677	.00112	-.00020	-.00031	-.01853
#2	-.00010	.00011	.00897	.00108	-.00047	.00066	-.00296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00696	.00203	.00036	F 262.81	.00066	.00054
Stddev	.00004	.02021	.00031	.00010	4.08	.00034	.00023
%RSD	30.334	290.56	15.370	27.140	1.5507	51.545	42.612

#1	.00018	-.00734	.00181	.00029	265.69	.00090	.00038
#2	.00012	.02125	.00225	.00043	259.93	.00042	.00070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06113	.00065	.00025	F -.14733	.00531	.00236	.00046
Stddev	.03859	.00006	.00017	.00233	.00166	.00010	.00042
%RSD	63.116	9.2856	66.175	1.5814	31.244	4.1745	92.439

#1	.03385	.00061	.00013	-.14897	.00648	.00243	.00016
#2	.08842	.00069	.00037	-.14568	.00414	.00229	.00075

Sample Name: PB113968TB Acquired: 10/18/2018 16:10:04 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-4A-C-101 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00086	-.0018	-.00007	F 7.0173	F .46109
Stddev	.00055	.0018	.00001	.0336	.60593
%RSD	63.536	103.5	19.651	.47894	131.41

#1	.00048	-.0030	-.00006	7.0410	.88954
#2	.00125	-.0005	-.00009	6.9935	.03263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.1	52083.	4265.8	110.19	3135.5
Stddev	8.9	131.	12.7	3.06	13.5
%RSD	.39285	.25245	.29829	2.7755	.42919

#1	2256.9	51991.	4256.8	112.35	3126.0
#2	2269.4	52176.	4274.8	108.03	3145.0

Sample Name: PB113886BS Acquired: 10/18/2018 16:22:16 Type: Unk
Method: P4-ICP2(v2507) 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	.81906	1.8524	.94819	2.0764	.83260	1.8760	.21644
Stddev	.00836	.0072	.00194	.0007	.00351	.0081	.00057
%RSD	1.0211	.38620	.20408	.03383	.42123	.42949	.26197

#1	.81315	1.8473	.94682	2.0769	.83012	1.8703	.21604
#2	.82498	1.8574	.94956	2.0759	.83508	1.8817	.21685

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18966	.18276	1.1468	.38461	.19257	.33984	2.9879
Stddev	.00036	.00077	.0073	.00080	.00083	.00209	.0606
%RSD	.19167	.42187	.63253	.20834	.42960	.61376	2.0264

#1	.18940	.18222	1.1417	.38404	.19199	.33836	3.0308
#2	.18991	.18331	1.1520	.38517	.19316	.34131	2.9451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20700	2.1987	.49411	.06676	2.9833	.30218	.21232
Stddev	.00018	.0104	.00364	.00076	.0179	.00005	.00239
%RSD	.08863	.47388	.73744	1.1338	.60086	.01807	1.1274

#1	.20713	2.2061	.49154	.06623	2.9960	.30222	.21401
#2	.20687	2.1913	.49669	.06730	2.9706	.30214	.21062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.688	.45053	.31814	F -.15131	1.0222	.66274	.21032
Stddev	.059	.00023	.00173	.00282	.0050	.00048	.00028
%RSD	.55639	.05135	.54432	1.8664	.49438	.07222	.13110

#1	10.646	.45069	.31692	-.14931	1.0258	.66308	.21052
#2	10.730	.45036	.31937	-.15331	1.0186	.66240	.21013

Sample Name: PB113886BS Acquired: 10/18/2018 16:22:16 Type: Unk
Method: P4-ICP2(v2507) 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	.21103	5.014	.21207	F 2.9976	F<.00000
Stddev	.00024	.036	.00022	.3018	.16115
%RSD	.11341	.7151	.10362	10.067	8.8727

#1	.21120	4.989	.21222	3.2110	-1.7023
#2	.21086	5.040	.21191	2.7842	-1.9302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.1	56204.	4254.6	109.47	3472.9
Stddev	25.7	88.	18.7	2.37	35.3
%RSD	1.0751	.15666	.43903	2.1620	1.0152

#1	2369.0	56142.	4241.4	107.80	3448.0
#2	2405.3	56267.	4267.8	111.15	3497.8

Sample Name: PB113968BS Acquired: 10/18/2018 16:26:08 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-4B-C-101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82819	1.8642	.95989	2.0981	.83424	1.8824	.21855
Stddev	.00528	.0001	.00282	.0186	.00173	.0340	.00274
%RSD	.63792	.00560	.29388	.88459	.20696	1.8082	1.2548

#1	.82445	1.8642	.95790	2.1112	.83546	1.8584	.22049
#2	.83192	1.8643	.96189	2.0849	.83302	1.9065	.21661

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18970	.18403	1.1410	.38272	.19406	.34080	3.0162
Stddev	.00072	.00042	.0014	.00049	.00022	.00021	.0439
%RSD	.38069	.22987	.12287	.12776	.11145	.06266	1.4553

#1	.18919	.18374	1.1400	.38238	.19391	.34095	2.9852
#2	.19021	.18433	1.1420	.38307	.19421	.34065	3.0472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20686	2.1857	.49958	.06823	2.9725	.30410	.21136
Stddev	.00027	.0115	.00140	.00034	.0062	.00083	.00030
%RSD	.12987	.52499	.27981	.50151	.20735	.27288	.14350

#1	.20667	2.1938	.49859	.06798	2.9768	.30352	.21115
#2	.20705	2.1776	.50056	.06847	2.9681	.30469	.21158

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.822	.45174	.32308	F -.15439	1.0186	.66447	.21159
Stddev	.019	.00090	.00805	.00517	.0241	.00291	.00109
%RSD	.17676	.19878	2.4916	3.3503	2.3696	.43854	.51556

#1	10.835	.45238	.32877	-.15804	1.0357	.66653	.21237
#2	10.808	.45111	.31738	-.15073	1.0016	.66241	.21082

Sample Name: PB113968BS Acquired: 10/18/2018 16:26:08 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-4B-C-101 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21339	5.056	.21618	F 2.8964	F<.00000
Stddev	.00235	.002	.00021	.0125	.15055
%RSD	1.1022	.0424	.09552	.43179	8.1278

#1	.21505	5.054	.21603	2.9052	-1.9588
#2	.21173	5.058	.21633	2.8875	-1.7459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.8	56931.	4309.3	110.53	3452.7
Stddev	11.2	194.	71.7	.13	11.2
%RSD	.47168	.34091	1.6630	.11563	.32540

#1	2369.9	57068.	4258.7	110.44	3444.7
#2	2385.7	56794.	4360.0	110.62	3460.6

Sample Name: PB113886TB Acquired: 10/18/2018 16:29:59 Type: Unk
Method: P4-ICP2(v2507) 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	-.00380	.00001	-.00039	-.00057	.00048	-.01900	-.00023
Stddev	.00686	.00032	.00119	.00174	.00126	.00534	.00030
%RSD	180.62	3879.8	302.54	302.37	264.46	28.077	132.51

#1	-.00865	-.00022	-.00124	-.00180	-.00041	-.01523	-.00044
#2	.00105	.00023	.00045	.00065	.00137	-.02278	-.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00007	.06174	.00118	-.00046	.00023	.00437
Stddev	.00007	.00000	.00309	.00008	.00003	.00016	.00111
%RSD	72.683	1.9647	5.0007	6.5386	7.3962	69.950	25.359

#1	-.00015	.00007	.06392	.00112	-.00049	.00034	.00515
#2	-.00005	.00007	.05956	.00123	-.00044	.00012	.00359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.04153	.00266	.00040	F 263.01	.00041	.00500
Stddev	.00001	.00142	.00015	.00013	.56	.00007	.00002
%RSD	1.4044	3.4243	5.7391	32.949	.21173	17.033	.30790

#1	.00044	.04052	.00255	.00049	262.61	.00036	.00499
#2	.00043	.04254	.00276	.00030	263.40	.00046	.00501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04038	.00030	-.00711	F -.14441	.00496	.00291	-.00036
Stddev	.02448	.00014	.00232	.00078	.00312	.00141	.00112
%RSD	60.619	47.485	32.695	.53784	62.784	48.621	310.60

#1	.05769	.00040	-.00547	-.14496	.00717	.00191	-.00115
#2	.02307	.00020	-.00875	-.14386	.00276	.00391	.00043

Sample Name: PB113886TB Acquired: 10/18/2018 16:29:59 Type: Unk
Method: P4-ICP2(v2507) 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	.00096	-.0021	.00003	F 6.7660	F 1.6188
Stddev	.00138	.0015	.00011	.3534	.4280
%RSD	142.95	70.60	401.62	5.2239	26.441

#1	-.00001	-.0031	.00011	6.5161	1.3161
#2	.00193	-.0010	-.00005	7.0159	1.9214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.2	51960.	4316.6	110.38	3119.0
Stddev	18.9	251.	27.3	.45	22.7
%RSD	.84122	.48323	.63217	.40574	.72872

#1	2232.8	51783.	4335.9	110.06	3103.0
#2	2259.5	52138.	4297.3	110.69	3135.1

Sample Name: CCV05 Acquired: 10/18/2018 16:34:09 Type: Unk
Method: P4-ICP2(v2507) 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	5.1606	4.8408	4.7448	5.2015	5.0200	9.2074	10.084	.23874
Stddev	.0149	.0300	.0093	.0001	.0060	.0007	.178	.00033
%RSD	.28826	.62015	.19666	.00198	.12036	.00739	1.7622	.13888
#1	5.1501	4.8620	4.7514	5.2015	5.0157	9.2070	10.209	.23898
#2	5.1711	4.8195	4.7382	5.2014	5.0243	9.2079	9.9581	.23851
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3004	25.407	.96601	2.3435	1.3072	4.9106	2.3779	25.520
Stddev	.0090	.267	.00200	.0102	.0009	.0522	.0004	.511
%RSD	.39123	1.0492	.20740	.43633	.07011	1.0632	.01805	2.0025
#1	2.3068	25.595	.96742	2.3507	1.3078	4.9475	2.3782	25.882
#2	2.2941	25.218	.96459	2.3363	1.3065	4.8736	2.3776	25.159
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4002	1.2606	23.694	2.3734	2.6353	25.625	5.1841	5.1177
Stddev	.0101	.0016	.442	.0017	.0504	.377	.0037	.0719
%RSD	.41880	.12638	1.8641	.07244	1.9136	1.4728	.07106	1.4056
#1	2.4073	1.2617	24.006	2.3721	2.6710	25.892	5.1815	5.1686
#2	2.3931	1.2594	23.382	2.3746	2.5997	25.358	5.1867	5.0669
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5850	5.2093	4.7136	4.9429	4.9551	4.542	5.0826	5.2691
Stddev	.0221	.1012	.0207	.0830	.0844	.026	.0710	.2909
%RSD	.48183	1.9425	.43896	1.6785	1.7038	.5670	1.3972	5.5217
#1	4.6006	5.2808	4.7283	5.0016	5.0148	4.561	5.1328	5.4748
#2	4.5693	5.1377	4.6990	4.8842	4.8954	4.524	5.0323	5.0633

Sample Name: CCV05 Acquired: 10/18/2018 16:34:09 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.7463
 Stddev .2662
 %RSD 9.6943

#1 2.9346
 #2 2.5581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.8	55017.	4277.1	102.87	3225.6
Stddev	3.9	87.	78.5	2.12	17.2
%RSD	.16348	.15739	1.8355	2.0564	.53215

#1	2365.0	54955.	4221.6	101.38	3213.4
#2	2370.5	55078.	4332.6	104.37	3237.7

Sample Name: CCB05 Acquired: 10/18/2018 16:37:52 Type: Unk
Method: P4-ICP2(v2507) 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	-.00666	.00026	-.00029	-.00132	-.00036	-.00572	.00040
Stddev	.00202	.00060	.00011	.00021	.00210	.00303	.00079
%RSD	30.331	232.09	38.072	15.648	580.81	52.955	197.10

#1	-.00809	.00068	-.00037	-.00147	.00113	-.00358	.00096
#2	-.00523	-.00017	-.00021	-.00118	-.00185	-.00787	-.00016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00012	.01823	.00002	-.00011	.00049	-.00812
Stddev	.00008	.00002	.02851	.00024	.00018	.00076	.00687
%RSD	3365.8	17.930	156.36	1538.9	163.73	154.79	84.610

#1	.00006	.00013	.03839	-.00015	-.00024	-.00005	-.00326
#2	-.00005	.00010	-.00193	.00018	.00002	.00104	-.01298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.04405	.00138	-.00011	-.16643	-.00007	-.00088
Stddev	.00010	.02162	.00023	.00008	.00016	.00045	.00003
%RSD	443.81	49.072	16.894	74.001	.09651	668.39	3.1639

#1	.00005	.05934	.00155	-.00016	-.16655	.00025	-.00086
#2	-.00009	.02877	.00122	-.00005	-.16632	-.00038	-.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01557	.00078	-.00135	F -.14991	.00217	.00099	-.00154
Stddev	.02239	.00047	.02209	.00450	.00176	.00067	.00099
%RSD	143.86	60.735	1637.1	3.0043	80.947	67.477	63.926

#1	.03140	.00111	-.01697	-.15309	.00341	.00146	-.00224
#2	-.00027	.00044	.01427	-.14672	.00093	.00052	-.00084

Sample Name: CCB05 Acquired: 10/18/2018 16:37:52 Type: Unk
 Method: P4-ICP2(v2507) 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	.00134	-.0005	.00003	F 2.6052	F .93934
Stddev	.00035	.0003	.00013	.3000	.43947
%RSD	26.008	58.28	397.31	11.515	46.785

#1	.00159	-.0007	-.00006	2.8173	.62858
#2	.00109	-.0003	.00012	2.3931	1.2501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.8	56376.	4304.5	112.37	3544.6
Stddev	21.7	72.	58.2	1.24	27.8
%RSD	.89704	.12857	1.3521	1.1065	.78432

#1	2405.5	56325.	4263.4	113.25	3524.9
#2	2436.2	56427.	4345.7	111.49	3564.3

Sample Name: J5349-01 Acquired: 10/18/2018 16:41:56 Type: Unk
Method: P4-ICP2(v2507) 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	-.00169	-.00003	.00477	.00392	-.00346	.02778	1.6551	.00010
Stddev	.00324	.00036	.00186	.00012	.00039	.00196	.0015	.00004
%RSD	191.02	1020.1	38.974	3.1575	11.140	7.0475	.09376	43.131
#1	.00059	-.00029	.00608	.00383	-.00373	.02640	1.6562	.00007
#2	-.00398	.00022	.00346	.00400	-.00318	.02916	1.6540	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	234.58	.00129	-.00057	.00858	-.06510	.00184	73.772
Stddev	.00010	1.45	.00085	.00017	.00052	.00540	.00004	.062
%RSD	1539.9	.62026	66.039	30.204	6.0208	8.2977	2.3827	.08391
#1	-.00007	233.55	.00189	-.00045	.00895	-.06891	.00187	73.728
#2	.00008	235.61	.00069	-.00070	.00822	-.06128	.00181	73.815
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00046	36.157	.00364	.02403	2.6219	.00025	.04475
Stddev	.00083	.00025	.031	.00031	.00028	.0448	.00012	.00492
%RSD	528.48	53.355	.08694	8.4729	1.1673	1.7102	49.551	11.004
#1	-.00043	-.00029	36.180	.00342	.02423	2.5902	.00034	.04127
#2	.00074	-.00064	36.135	.00386	.02383	2.6536	.00016	.04823
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9475	F 21.268	.00201	-.00721	.10478	.0656	1.2636	4.7612
Stddev	.0147	.107	.00012	.00070	.00035	.0017	.0032	.7357
%RSD	.29640	.50170	5.8312	9.6674	.33424	2.516	.25746	15.451
#1	4.9372	21.344	.00193	-.00771	.10503	.0668	1.2613	4.2410
#2	4.9579	21.193	.00210	-.00672	.10454	.0644	1.2659	5.2814

Sample Name: J5349-01 Acquired: 10/18/2018 16:41:56 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9048
Stddev	.5390
%RSD	18.557

#1	3.2860
#2	2.5237

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.5	54594.	4333.0	109.13	3215.8
Stddev	2.9	263.	5.4	1.11	4.6
%RSD	.12441	.48146	.12474	1.0154	.14209

#1	2343.5	54780.	4329.2	108.34	3219.0
#2	2347.6	54409.	4336.8	109.91	3212.5

Sample Name: J5510-01 Acquired: 10/18/2018 16:45:48 Type: Unk
Method: P4-ICP2(v2507) 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	-.00466	.00134	.01022	.00051	-.00065	.47342	.04489	-.00026
Stddev	.00233	.00061	.00057	.00133	.00045	.00562	.00044	.00006
%RSD	50.041	45.319	5.5595	262.46	69.085	1.1861	.98935	22.944

#1	-.00631	.00091	.01062	-.00043	-.00097	.47739	.04457	-.00022
#2	-.00301	.00177	.00982	.00144	-.00033	.46945	.04520	-.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	30.827	.00123	.00083	.02303	8.5047	.17105	3.3228
Stddev	.00003	.108	.00033	.00013	.00026	.1345	.00178	.0540
%RSD	22.136	.35194	26.595	15.371	1.1377	1.5820	1.0387	1.6255

#1	.00017	30.750	.00100	.00092	.02284	8.4096	.16980	3.3610
#2	.00013	30.904	.00146	.00074	.02322	8.5998	.17231	3.2846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	.00010	17.252	.00232	.19794	2.7349	.00020	.02103
Stddev	.00087	.00014	.076	.00015	.00187	.0167	.00020	.00291
%RSD	20.534	133.78	.44044	6.2981	.94525	.61157	96.100	13.829

#1	.00484	.00001	17.198	.00222	.19662	2.7467	.00034	.01897
#2	.00361	.00020	17.306	.00243	.19926	2.7231	.00007	.02309

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6929	4.6474	.00437	.02353	.00653	.9263	.10496	1.7086
Stddev	.0033	.0343	.00071	.00186	.00116	.0016	.00018	.7910
%RSD	.19538	.73833	16.296	7.8916	17.749	.1773	.17086	46.292

#1	1.6952	4.6231	.00487	.02222	.00735	.9251	.10483	2.2679
#2	1.6906	4.6716	.00387	.02484	.00571	.9274	.10509	1.1493

Sample Name: J5510-01 Acquired: 10/18/2018 16:45:48 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1081
Stddev .0945
%RSD 4.4833

#1 2.1749
#2 2.0412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.8	57705.	4521.0	114.79	3536.7
Stddev	20.2	130.	.2	1.92	21.6
%RSD	.82095	.22545	.00550	1.6738	.60974

#1	2472.1	57613.	4520.8	116.15	3552.0
#2	2443.6	57797.	4521.2	113.43	3521.5

Sample Name: J5510-02 Acquired: 10/18/2018 16:49:48 Type: Unk
Method: P4-ICP2(v2507) 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	-.00624	.00064	.00748	.00331	-.00237	.35850	.04448	-.00020
Stddev	.00214	.00093	.00001	.00540	.00096	.02225	.00037	.00010
%RSD	34.262	145.22	.11554	162.88	40.558	6.2052	.83821	48.720

#1	-.00473	.00130	.00747	.00713	-.00169	.37422	.04422	-.00026
#2	-.00775	-.00002	.00748	-.00050	-.00305	.34277	.04474	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	28.447	.00112	.00089	.02697	7.3851	.15237	3.2331
Stddev	.00003	.154	.00014	.00019	.00077	.0073	.00025	.0296
%RSD	28.588	.54160	12.467	21.901	2.8530	.09846	.16098	.91392

#1	.00013	28.338	.00122	.00075	.02643	7.3903	.15254	3.2122
#2	.00008	28.556	.00102	.00103	.02751	7.3800	.15220	3.2540

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	.00018	17.875	.00217	.17072	2.5645	.00060	.02523
Stddev	.00018	.00089	.045	.00016	.00261	.0097	.00010	.00281
%RSD	4.9951	490.95	.25402	7.3943	1.5269	.37700	16.153	11.141

#1	.00348	.00081	17.907	.00205	.16888	2.5576	.00053	.02722
#2	.00374	-.00045	17.843	.00228	.17257	2.5713	.00067	.02324

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7638	4.2268	.00363	.01638	.00508	.9604	.09709	2.4573
Stddev	.0045	.0326	.00004	.00121	.00179	.0030	.00008	.0860
%RSD	.25581	.77192	1.0713	7.3624	35.224	.3111	.08336	3.5002

#1	1.7670	4.2038	.00365	.01553	.00634	.9626	.09703	2.5181
#2	1.7606	4.2499	.00360	.01724	.00381	.9583	.09714	2.3964

Sample Name: J5510-02 Acquired: 10/18/2018 16:49:48 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5345
 Stddev .2148
 %RSD 8.4739

#1 2.6864
 #2 2.3826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.2	57131.	4476.1	114.62	3497.2
Stddev	4.6	136.	18.0	1.41	9.2
%RSD	.18936	.23754	.40123	1.2336	.26406

#1	2428.0	57035.	4488.8	115.62	3490.7
#2	2434.5	57227.	4463.4	113.62	3503.8

Sample Name: J5533-01 Acquired: 10/18/2018 16:53:49 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00390	.00112	-.00001	.00068	-.00058	.02752	.00182	-.00008
Stddev	.00256	.00020	.00032	.00109	.00038	.00397	.00030	.00002
%RSD	65.719	18.026	5311.7	159.99	65.851	14.428	16.272	24.583
#1	-.00571	.00098	.00022	-.00009	-.00031	.02471	.00202	-.00007
#2	-.00209	.00126	-.00023	.00145	-.00085	.03032	.00161	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.16591	.00046	-.00018	.01743	.03674	.00078	.00528
Stddev	.00007	.00719	.00009	.00019	.00054	.00130	.00003	.02050
%RSD	22.917	4.3308	19.840	103.13	3.1167	3.5383	3.9823	388.21
#1	.00024	.16083	.00039	-.00005	.01781	.03765	.00076	.01978
#2	.00033	.17099	.00052	-.00031	.01705	.03582	.00080	-.00922
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	-.00044	-.06463	.00010	.02069	.32444	-.00008	.00701
Stddev	.00029	.00027	.00057	.00027	.00040	.00912	.00011	.00153
%RSD	7.9207	60.699	.88813	273.67	1.9406	2.8104	131.85	21.783
#1	.00347	-.00063	-.06504	-.00009	.02041	.31799	-.00001	.00593
#2	.00388	-.00025	-.06423	.00029	.02098	.33089	-.00015	.00809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14103	.00064	.00155	-.00021	-.00023	.0008	.00059	.00804
Stddev	.00317	.00040	.00012	.00013	.00134	.0003	.00000	.13435
%RSD	2.2485	63.035	7.4282	64.014	570.66	32.22	.04851	1671.5
#1	-.13878	.00035	.00147	-.00030	.00071	.0010	.00059	.10304
#2	-.14327	.00092	.00163	-.00011	-.00118	.0006	.00059	-.08696

Sample Name: J5533-01 Acquired: 10/18/2018 16:53:49 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.47340
Stddev	1.2213
%RSD	257.99

#1	-.39020
#2	1.3370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.7	59133.	4464.1	116.58	3697.6
Stddev	8.1	72.	21.1	1.43	11.2
%RSD	.32415	.12094	.47217	1.2283	.30164

#1	2502.9	59082.	4479.0	117.59	3689.7
#2	2514.4	59183.	4449.2	115.57	3705.5

Sample Name: J5552-03 Acquired: 10/18/2018 16:57:54 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00178	.00550	.00619	-.00654	-.21598	.02826	.00008
Stddev	.00265	.00167	.00172	.00124	.00076	.02104	.00027	.00002
%RSD	628.89	93.869	31.280	20.062	11.581	9.7404	.94756	27.802

#1	-.00145	-.00060	.00428	.00706	-.00707	-.20110	.02845	.00007
#2	.00229	-.00296	.00672	.00531	-.00600	-.23086	.02807	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	798.55	.00287	-.00073	.00132	-.21334	.42792	74.936
Stddev	.00007	4.65	.00047	.00029	.00079	.00802	.00163	.409
%RSD	235.35	.58171	16.391	40.317	59.658	3.7575	.38056	.54576

#1	.00008	801.84	.00254	-.00052	.00188	-.21901	.42677	75.226
#2	-.00002	795.27	.00321	-.00094	.00076	-.20768	.42907	74.647

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00055	46.966	.00688	.02542	4.5216	.03331	2.5242
Stddev	.00082	.00021	.412	.00019	.00013	.0229	.00044	.0061
%RSD	142.10	37.729	.87765	2.6896	.51926	.50710	1.3314	.24296

#1	.00000	-.00040	47.257	.00701	.02532	4.5054	.03300	2.5286
#2	-.00116	-.00069	46.674	.00675	.02551	4.5378	.03363	2.5199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 664.86	F 14.090	-.24793	-.02475	.12211	-.0072	F 14.186	7.6778
Stddev	1.46	.213	.00044	.00092	.00030	.0011	.040	.0082
%RSD	.21925	1.5112	.17920	3.7037	.24416	14.98	.28465	.10693

#1	665.89	14.241	-.24762	-.02410	.12190	-.0065	14.157	7.6720
#2	663.83	13.940	-.24825	-.02540	.12232	-.0080	14.214	7.6836

Sample Name: J5552-03 Acquired: 10/18/2018 16:57:54 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7893
Stddev .5142
%RSD 8.8819

#1 5.4257
#2 6.1529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.0	51382.	4296.0	106.54	2952.6
Stddev	7.7	276.	54.8	.68	7.2
%RSD	.34957	.53804	1.2745	.63542	.24468

#1	2193.6	51577.	4257.3	106.06	2947.5
#2	2204.5	51186.	4334.7	107.02	2957.7

Sample Name: J5526-10 Acquired: 10/18/2018 17:02:01 Type: Unk
Method: P4-ICP2(v2507) 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	.01841	-.01944	.43299	.03917	.00271	130.85	1.0548
Stddev	.00189	.00013	.00190	.00231	.00166	.04	.0013
%RSD	10.251	.65746	.43842	5.8961	61.294	.03251	.12722

#1	.01975	-.01953	.43433	.04080	.00389	130.82	1.0557
#2	.01708	-.01935	.43165	.03754	.00154	130.88	1.0538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	.00538	43.013	.21078	.13084	.33606	261.61
Stddev	.00025	.00024	.004	.00117	.00079	.00132	2.85
%RSD	10.427	4.3868	.00982	.55701	.60143	.39408	1.0911

#1	.00255	.00555	43.016	.21161	.13028	.33699	259.59
#2	.00220	.00522	43.010	.20995	.13140	.33512	263.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6228	54.187	.23022	.00878	3.8597	.42300	.78517
Stddev	.0048	.156	.00072	.00039	.0084	.00288	.01070
%RSD	.08474	.28788	.31344	4.3957	.21772	.68163	1.3627

#1	5.6262	54.297	.22971	.00851	3.8538	.42504	.77761
#2	5.6195	54.076	.23073	.00905	3.8657	.42097	.79274

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.411	-.00017	.14914	.65503	1.9875	.02671	3.0681
Stddev	.009	.00034	.00561	.00098	.0193	.00032	.0088
%RSD	.08882	200.32	3.7614	.15016	.96918	1.1895	.28810

#1	10.405	.00007	.14517	.65433	2.0012	.02693	3.0618
#2	10.418	-.00041	.15310	.65572	1.9739	.02648	3.0743

Sample Name: J5526-10 Acquired: 10/18/2018 17:02:01 Type: Unk
Method: P4-ICP2(v2507) 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	.12717	7.598	.13725	<.00000	F<.00000
Stddev	.00077	.004	.00097	.04845	.52512
%RSD	.60843	.0577	.70754	.47439	.55345

#1	.12663	7.601	.13656	-10.179	-94.511
#2	.12772	7.595	.13793	-10.247	-95.254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2856.1	66513.	5473.2	109.29	3102.7
Stddev	6.3	143.	7.8	1.02	8.5
%RSD	.22019	.21443	.14276	.93173	.27402

#1	2851.6	66412.	5467.7	110.01	3096.7
#2	2860.5	66614.	5478.7	108.57	3108.7

Sample Name: J5526-12 Acquired: 10/18/2018 17:06:04 Type: Unk
Method: P4-ICP2(v2507) 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	.01390	-.03092	.57649	.05563	.00274	134.15	.93543
Stddev	.00230	.00053	.00211	.00043	.00026	3.16	.02098
%RSD	16.554	1.7279	.36515	.76741	9.5556	2.3569	2.2433

#1	.01228	-.03054	.57798	.05533	.00293	131.92	.92059
#2	.01553	-.03130	.57500	.05593	.00256	136.39	.95027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00197	.00904	45.429	.17725	.15542	.79824	370.58
Stddev	.00038	.00125	.756	.00593	.00030	.00653	12.01
%RSD	19.321	13.884	1.6651	3.3469	.19176	.81815	3.2403

#1	.00223	.00992	44.894	.17306	.15563	.80286	362.09
#2	.00170	.00815	45.963	.18145	.15520	.79362	379.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3813	50.550	.23913	.01438	3.0327	.53133	1.0115
Stddev	.1271	1.093	.00044	.00053	.0804	.01607	.0295
%RSD	2.9016	2.1630	.18479	3.6682	2.6503	3.0253	2.9161

#1	4.2914	49.776	.23882	.01400	2.9759	.51996	.99063
#2	4.4712	51.323	.23944	.01475	3.0896	.54269	1.0323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.096	.00043	.28799	1.1507	1.9277	.02535	4.0897
Stddev	.211	.00019	.01594	.0084	.0724	.00016	.1050
%RSD	1.7458	43.026	5.5337	.73455	3.7564	.62697	2.5669

#1	11.947	.00057	.27672	1.1447	1.8765	.02523	4.0155
#2	12.245	.00030	.29926	1.1567	1.9789	.02546	4.1640

Sample Name: J5526-12 Acquired: 10/18/2018 17:06:04 Type: Unk
 Method: P4-ICP2(v2507) 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	.12287	F 10.29	.18109	<.00000	F<.00000
Stddev	.00390	.01	.00369	1.1420	2.0359
%RSD	3.1756	.1294	2.0393	7.4769	1.1869

#1	.12011	10.30	.17848	-16.082	-170.09
#2	.12563	10.28	.18371	-14.467	-172.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.2	71102.	5883.4	111.70	3103.3
Stddev	17.3	1493.	113.5	2.96	24.9
%RSD	.57916	2.0999	1.9296	2.6458	.80302

#1	2979.0	72157.	5963.7	113.79	3085.7
#2	3003.5	70046.	5803.1	109.61	3121.0

Sample Name: J5526-14 Acquired: 10/18/2018 17:10:02 Type: Unk
Method: P4-ICP2(v2507) 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	.02265	-.02514	.76949	.04402	.00101	134.66	1.1883
Stddev	.00007	.00001	.00543	.00650	.00066	.13	.0079
%RSD	.30460	.05957	.70569	14.773	65.597	.09766	.66776

#1	.02270	-.02513	.76565	.04862	.00148	134.75	1.1939
#2	.02260	-.02516	.77333	.03942	.00054	134.56	1.1826

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	.00542	35.410	.23222	.14256	.31955	284.30
Stddev	.00021	.00079	.041	.00262	.00096	.00550	5.83
%RSD	8.6373	14.668	.11477	1.1268	.67558	1.7226	2.0518

#1	.00262	.00486	35.381	.23037	.14188	.31566	288.43
#2	.00232	.00598	35.438	.23407	.14325	.32344	280.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6019	48.512	.25803	.01097	2.4066	.47705	.77637
Stddev	.0020	.276	.00116	.00067	.0127	.00094	.01539
%RSD	.04401	.56940	.44839	6.0768	.52979	.19736	1.9818

#1	4.6005	48.707	.25721	.01144	2.4156	.47772	.78724
#2	4.6034	48.317	.25885	.01049	2.3976	.47638	.76549

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.956	-.00010	.13198	.65675	2.1851	.02759	3.9999
Stddev	.116	.00043	.00871	.00033	.0188	.00136	.0132
%RSD	.77691	413.71	6.6007	.05037	.86249	4.9177	.33099

#1	15.038	.00020	.13814	.65652	2.1718	.02663	4.0092
#2	14.874	-.00041	.12582	.65699	2.1985	.02855	3.9905

Sample Name: J5526-14 Acquired: 10/18/2018 17:10:02 Type: Unk
 Method: P4-ICP2(v2507) 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	.13227	F 10.21	.18285	<.00000	F<.00000
Stddev	.00075	.03	.00071	.30202	1.4368
%RSD	.56954	.2510	.38973	2.7491	1.3560

#1	.13174	10.19	.18336	-10.772	-104.94
#2	.13281	10.23	.18235	-11.199	-106.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.5	68778.	5659.3	109.16	3102.4
Stddev	18.3	343.	34.1	2.41	3.4
%RSD	.61957	.49883	.60308	2.2046	.11080

#1	2964.4	68536.	5635.1	107.46	3104.8
#2	2938.5	69021.	5683.4	110.86	3099.9

Sample Name: J5526-22 Acquired: 10/18/2018 17:14:01 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12962	-.02518	.38208	.03884	.00166	122.69	1.0864
Stddev	.00085	.00006	.00121	.00317	.00018	.82	.0042
%RSD	.65887	.23246	.31561	8.1614	10.846	.66493	.38736

#1	.12902	-.02522	.38122	.04109	.00179	123.27	1.0893
#2	.13022	-.02513	.38293	.03660	.00154	122.11	1.0834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	.00572	107.72	.19379	.14169	.40746	263.93
Stddev	.00000	.00048	.30	.00095	.00008	.00489	2.78
%RSD	.20092	8.4588	.27772	.49053	.05442	1.2008	1.0548

#1	.00210	.00537	107.93	.19446	.14175	.40400	265.90
#2	.00210	.00606	107.50	.19312	.14164	.41092	261.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2875	49.883	.23837	.00926	2.6429	.47463	.76394
Stddev	.0062	.012	.00001	.00033	.0161	.00154	.00916
%RSD	.14430	.02421	.00346	3.5253	.60830	.32406	1.1986

#1	4.2919	49.874	.23836	.00902	2.6542	.47571	.77041
#2	4.2831	49.892	.23837	.00949	2.6315	.47354	.75746

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.332	.00029	.15322	1.0294	1.8466	.02465	3.8846
Stddev	.050	.00011	.00363	.0053	.0213	.00072	.0137
%RSD	.40780	37.155	2.3682	.51770	1.1525	2.9220	.35130

#1	12.368	.00037	.15579	1.0257	1.8616	.02516	3.8943
#2	12.297	.00022	.15066	1.0332	1.8315	.02414	3.8750

Sample Name: J5526-22 Acquired: 10/18/2018 17:14:01 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12467	9.348	.20504	<.00000	F<.00000
Stddev	.00049	.007	.00045	.40981	.45275
%RSD	.39019	.0701	.22054	4.2627	.50036

#1	.12501	9.353	.20536	-9.3240	-90.164
#2	.12433	9.343	.20472	-9.9036	-90.805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.8	66432.	5458.7	107.84	3082.6
Stddev	26.3	465.	18.2	1.21	12.6
%RSD	.91383	.69926	.33351	1.1199	.40836

#1	2900.5	66104.	5445.8	106.99	3091.5
#2	2863.2	66761.	5471.6	108.70	3073.7

Sample Name: J5526-24 Acquired: 10/18/2018 17:18:00 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-4A-C-101 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13447	-.02314	.70421	.04373	.00156	118.11	1.0118
Stddev	.00795	.00104	.00201	.00164	.00132	.14	.0001
%RSD	5.9115	4.5049	.28542	3.7423	84.521	.11521	.01062

#1	.12885	-.02240	.70563	.04258	.00063	118.20	1.0119
#2	.14009	-.02387	.70279	.04489	.00249	118.01	1.0117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.00601	88.793	.18003	.13453	.58094	277.59
Stddev	.00019	.00021	.103	.00218	.00037	.00182	4.90
%RSD	13.979	3.5177	.11551	1.2087	.27811	.31339	1.7654

#1	.00122	.00616	88.866	.17850	.13427	.58223	274.12
#2	.00149	.00586	88.721	.18157	.13480	.57966	281.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4243	85.186	.22050	.01079	4.9029	.44117	1.1801
Stddev	.0056	.339	.00112	.00006	.0060	.00184	.0194
%RSD	.12726	.39755	.50790	.55448	.12221	.41654	1.6467

#1	4.4203	84.947	.21970	.01075	4.8987	.43987	1.1663
#2	4.4283	85.426	.22129	.01084	4.9072	.44247	1.1938

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.193	.00072	.27173	1.7705	1.7576	.02483	3.2420
Stddev	.008	.00019	.00116	.0007	.0263	.00023	.0068
%RSD	.06035	25.912	.42573	.03855	1.4967	.93879	.20878

#1	13.187	.00085	.27092	1.7700	1.7762	.02499	3.2373
#2	13.199	.00059	.27255	1.7710	1.7390	.02466	3.2468

Sample Name: J5526-24 Acquired: 10/18/2018 17:18:00 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-4A-C-101 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11829	9.905	.19538	<.00000	F<.00000
Stddev	.00079	.003	.00015	.29147	.43838
%RSD	.66559	.0346	.07714	3.9783	.45819

#1	.11885	9.908	.19549	-7.1203	-95.365
#2	.11774	9.903	.19528	-7.5325	-95.985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.8	64484.	5261.3	104.47	3042.5
Stddev	.4	70.	4.0	1.60	.4
%RSD	.01268	.10927	.07569	1.5361	.01318

#1	2770.6	64434.	5264.1	105.60	3042.2
#2	2771.1	64534.	5258.5	103.33	3042.8

Sample Name: CCV06 Acquired: 10/18/2018 17:21:52 Type: Unk
Method: P4-ICP2(v2507) 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	5.0497	4.7873	4.6629	5.0699	4.9342	9.3302	9.8819	.23878
Stddev	.0062	.0258	.0131	.0150	.0050	.0150	.0231	.00080
%RSD	.12339	.53904	.28038	.29690	.10087	.16104	.23392	.33329
#1	5.0541	4.7690	4.6537	5.0592	4.9377	9.3409	9.8656	.23934
#2	5.0452	4.8055	4.6722	5.0805	4.9307	9.3196	9.8982	.23822
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2629	26.430	.97233	2.3064	1.2983	4.7511	2.3759	24.953
Stddev	.0077	.162	.00029	.0079	.0002	.0037	.0024	.218
%RSD	.34237	.61338	.02962	.34424	.01552	.07872	.09934	.87509
#1	2.2574	26.315	.97212	2.3008	1.2984	4.7538	2.3775	25.107
#2	2.2684	26.545	.97253	2.3120	1.2981	4.7485	2.3742	24.798
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3529	1.2631	23.364	2.3669	2.5548	25.095	5.0603	5.0272
Stddev	.0094	.0001	.028	.0027	.0318	.038	.0021	.0031
%RSD	.39778	.00668	.11890	.11293	1.2438	.15099	.04041	.06081
#1	2.3463	1.2630	23.345	2.3688	2.5324	25.069	5.0617	5.0294
#2	2.3595	1.2631	23.384	2.3650	2.5773	25.122	5.0588	5.0251
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5531	5.1148	4.6202	4.8571	4.8574	4.503	5.0067	F 5.8390
Stddev	.0064	.0123	.0041	.0100	.0157	.007	.0203	.2916
%RSD	.14031	.24121	.08786	.20516	.32214	.1618	.40450	4.9933
#1	4.5486	5.1061	4.6173	4.8641	4.8463	4.498	4.9924	6.0452
#2	4.5576	5.1236	4.6230	4.8500	4.8685	4.508	5.0211	5.6328

Sample Name: CCV06 Acquired: 10/18/2018 17:21:52 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3555
Stddev .0965
%RSD 4.0967

#1 2.4238
#2 2.2873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.2	53964.	4294.4	106.57	3227.6
Stddev	9.6	141.	6.2	.84	4.1
%RSD	.40379	.26057	.14413	.78672	.12692

#1	2370.4	53865.	4298.7	107.17	3224.7
#2	2384.0	54063.	4290.0	105.98	3230.5

Sample Name: CCB06 Acquired: 10/18/2018 17:25:36 Type: Unk
Method: P4-ICP2(v2507) 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	-.00679	.00141	.00007	-.00224	-.00081	-.01375	.00025
Stddev	.00131	.00195	.00001	.00078	.00050	.00501	.00028
%RSD	19.289	138.62	8.0345	35.010	62.365	36.420	113.72

#1	-.00586	.00279	.00007	-.00168	-.00045	-.01021	.00045
#2	-.00772	.00003	.00008	-.00279	-.00116	-.01729	.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00014	.02718	.00034	.00007	.00081	.00503
Stddev	.00005	.00011	.00715	.00003	.00010	.00034	.00847
%RSD	120.68	74.301	26.299	8.7353	138.86	41.485	168.28

#1	-.00008	.00022	.03224	.00036	.00000	.00057	.01102
#2	-.00001	.00007	.02213	.00032	.00015	.00104	-.00096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.04164	.00095	.00004	-.20281	.00064	-.00092
Stddev	.00005	.01838	.00073	.00006	.01215	.00030	.00001
%RSD	535.48	44.147	76.869	146.48	5.9921	46.117	1.0636

#1	-.00005	.02864	.00146	.00009	-.21140	.00043	-.00093
#2	.00003	.05464	.00043	-.00000	-.19421	.00085	-.00092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03177	.00105	.00335	F -.15184	.00402	.00199	.00010
Stddev	.03056	.00021	.00224	.00003	.00036	.00047	.00075
%RSD	96.205	19.921	66.994	.01694	8.8822	23.809	748.25

#1	.05338	.00120	.00493	-.15186	.00377	.00233	-.00043
#2	.01016	.00090	.00176	-.15183	.00428	.00166	.00063

Sample Name: CCB06 Acquired: 10/18/2018 17:25:36 Type: Unk
 Method: P4-ICP2(v2507) 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	.00200	-.0033	.00009	F 3.1915	F .02570
Stddev	.00092	.0018	.00002	.2733	.03822
%RSD	45.858	53.17	18.808	8.5651	148.74

#1	.00135	-.0021	.00010	2.9982	-.00133
#2	.00265	-.0046	.00007	3.3848	.05272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.3	56171.	4337.3	110.08	3513.6
Stddev	2.5	19.	12.8	.15	8.7
%RSD	.10246	.03402	.29619	.13918	.24642

#1	2420.6	56158.	4328.2	109.97	3507.4
#2	2424.1	56185.	4346.4	110.18	3519.7

Sample Name: J5529-01 Acquired: 10/18/2018 17:29:41 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02904	-.00195	.37782	.01007	-.00136	40.739	.22732	-.00046
Stddev	.00168	.00065	.00560	.00320	.00175	.376	.00280	.00009
%RSD	5.7994	33.311	1.4824	31.802	128.24	.92382	1.2302	18.839

#1	.02785	-.00240	.37386	.01233	-.00013	40.473	.22930	-.00040
#2	.03023	-.00149	.38178	.00780	-.00260	41.006	.22534	-.00052

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00206	30.999	.09075	.00590	.09760	49.786	.53498	5.6331
Stddev	.00006	.223	.00040	.00017	.00141	.956	.00004	.0336
%RSD	2.6750	.71833	.44396	2.8331	1.4469	1.9212	.00829	.59645

#1	.00202	31.156	.09104	.00578	.09660	49.110	.53495	5.6093
#2	.00210	30.842	.09047	.00602	.09860	50.462	.53501	5.6568

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02498	.00144	.00425	.11388	.39327	2.3538	.00541	.02659
Stddev	.00044	.00043	.00301	.00041	.00827	.0176	.00022	.00700
%RSD	1.7680	29.618	70.928	.35931	2.1039	.74955	4.0840	26.343

#1	.02467	.00114	.00638	.11359	.38742	2.3663	.00557	.03154
#2	.02530	.00174	.00212	.11417	.39912	2.3413	.00526	.02164

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6468	1.3466	.01702	.33426	.02531	2.679	.12009	.53936
Stddev	.0589	.0256	.00040	.00038	.00041	.029	.00029	.24707
%RSD	2.2267	1.8978	2.3376	.11500	1.6372	1.099	.24374	45.807

#1	2.6051	1.3647	.01730	.33399	.02560	2.658	.11988	.36466
#2	2.6885	1.3285	.01674	.33453	.02501	2.700	.12030	.71406

Sample Name: J5529-01 Acquired: 10/18/2018 17:29:41 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0959
Stddev .0810
%RSD 7.3962

#1 1.1532
#2 1.0385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.7	58843.	4699.4	117.93	3472.0
Stddev	19.9	161.	46.0	1.66	22.2
%RSD	.79915	.27424	.97913	1.4090	.63955

#1	2508.8	58957.	4666.9	119.10	3487.7
#2	2480.6	58729.	4731.9	116.75	3456.3

Sample Name: J5539-01 Acquired: 10/18/2018 17:33:37 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6-0.3-2FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02631	-.02515	.08926	.06882	.00343	198.24	1.5144
Stddev	.00703	.00188	.00211	.00372	.00142	.15	.0060
%RSD	26.702	7.4780	2.3608	5.4054	41.533	.07620	.39490

#1	.03128	-.02648	.08777	.07145	.00443	198.13	1.5187
#2	.02135	-.02382	.09075	.06619	.00242	198.34	1.5102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00734	.01392	628.83	.23704	.21239	.20806	444.43
Stddev	.00002	.00059	3.50	.00196	.00018	.00389	3.55
%RSD	.25349	4.2362	.55730	.82602	.08478	1.8687	.79979

#1	.00733	.01434	626.35	.23566	.21226	.21081	441.91
#2	.00735	.01351	631.30	.23842	.21251	.20531	446.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5368	165.71	.49205	.01565	3.2374	.33336	1.1140
Stddev	.0187	.32	.00068	.00024	.0223	.00142	.0113
%RSD	.24778	.19235	.13818	1.5210	.68810	.42562	1.0120

#1	7.5236	165.94	.49253	.01549	3.2531	.33235	1.1060
#2	7.5500	165.49	.49157	.01582	3.2216	.33436	1.1220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.852	.00212	.24051	8.6656	1.6162	.02069	1.2170
Stddev	.009	.00027	.01220	.0478	.0230	.00046	.0017
%RSD	.02948	12.948	5.0723	.55202	1.4210	2.2411	.14180

#1	30.846	.00192	.24913	8.6994	1.6324	.02036	1.2182
#2	30.859	.00231	.23188	8.6318	1.5999	.02102	1.2158

Sample Name: J5539-01 Acquired: 10/18/2018 17:33:37 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-6-0.3-2FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44810	F 10.47	1.2757	<.00000	F<.00000
Stddev	.00356	.05	.0064	.63077	.39960
%RSD	.79397	.5154	.50281	6.4450	.21437

#1	.44558	10.50	1.2711	-9.3409	-186.12
#2	.45061	10.43	1.2802	-10.233	-186.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.1	62121.	5269.0	96.596	2615.0
Stddev	5.7	138.	.7	.897	11.8
%RSD	.20677	.22134	.01312	.92889	.45066

#1	2730.1	62024.	5268.5	97.231	2606.7
#2	2738.1	62219.	5269.5	95.962	2623.3

Sample Name: J5539-02 Acquired: 10/18/2018 17:37:39 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8-3-5FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04653	-.01181	.07144	.03511	-.00034	80.690	.40393
Stddev	.00161	.00033	.00026	.00283	.00046	.261	.00294
%RSD	3.4555	2.8034	.35833	8.0656	136.65	.32360	.72799

#1	.04539	-.01204	.07126	.03311	-.00067	80.506	.40185
#2	.04767	-.01158	.07162	.03711	-.00001	80.875	.40601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00865	554.16	.50407	.11542	.13665	244.29
Stddev	.00010	.00040	4.01	.00083	.00043	.00223	2.54
%RSD	8.9938	4.6041	.72374	.16425	.37145	1.6322	1.0388

#1	.00115	.00894	551.32	.50348	.11572	.13823	242.50
#2	.00102	.00837	556.99	.50466	.11511	.13507	246.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9925	153.14	.26528	.00729	4.2145	.18371	.83601
Stddev	.0069	.97	.00019	.00037	.0333	.00056	.00754
%RSD	.09855	.63288	.07008	5.0420	.78899	.30597	.90205

#1	6.9877	152.45	.26515	.00703	4.1910	.18331	.83067
#2	6.9974	153.82	.26541	.00755	4.2380	.18410	.84134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9796	.02305	.09147	2.1735	2.6553	.01205	.56144
Stddev	.0543	.00012	.00581	.0043	.0135	.00050	.00390
%RSD	1.0905	.50197	6.3468	.19977	.50842	4.1417	.69394

#1	4.9412	.02313	.09557	2.1705	2.6458	.01170	.55869
#2	5.0180	.02297	.08736	2.1766	2.6649	.01241	.56420

Sample Name: J5539-02 Acquired: 10/18/2018 17:37:39 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8-3-5FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16773	F 10.54	.60667	<.00000	F<.00000
Stddev	.00163	.00	.00340	.04229	1.8578
%RSD	.97284	.0031	.56114	1.0020	2.6848

#1	.16889	10.54	.60426	-4.1904	-67.882
#2	.16658	10.54	.60907	-4.2502	-70.510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2655.0	60682.	5105.1	101.67	2781.1
Stddev	18.9	15.	16.6	.77	17.0
%RSD	.71047	.02400	.32568	.75556	.60974

#1	2641.7	60692.	5116.9	102.22	2769.1
#2	2668.4	60671.	5093.4	101.13	2793.1

Sample Name: J5539-03 Acquired: 10/18/2018 17:41:38 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02302	-.00546	.28449	.02635	.00154	92.318	.71025
Stddev	.00635	.00076	.00328	.00456	.00096	.279	.00278
%RSD	27.599	13.926	1.1522	17.308	62.465	.30230	.39133

#1	.02751	-.00492	.28680	.02313	.00221	92.121	.71221
#2	.01853	-.00599	.28217	.02958	.00086	92.515	.70828

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	.00448	112.95	1.1154	.07115	.13847	132.25
Stddev	.00007	.00048	.61	.0050	.00082	.00457	2.00
%RSD	2.6780	10.762	.54348	.44337	1.1567	3.3037	1.5106

#1	.00251	.00482	112.51	1.1119	.07173	.14170	130.84
#2	.00261	.00414	113.38	1.1189	.07057	.13523	133.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0151	32.223	.15682	.00357	3.6611	.17748	.79379
Stddev	.0046	.064	.00250	.00028	.0133	.00016	.01256
%RSD	.22639	.19890	1.5914	7.8963	.36236	.08851	1.5822

#1	2.0119	32.268	.15859	.00337	3.6705	.17759	.78490
#2	2.0183	32.178	.15506	.00377	3.6517	.17736	.80267

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9028	.01652	.04251	4.2275	1.7113	.02025	.23358
Stddev	.0370	.00007	.00243	.0454	.0115	.00001	.00265
%RSD	.62678	.44174	5.7120	1.0741	.67412	.05638	1.1350

#1	5.9290	.01647	.04080	4.2597	1.7195	.02024	.23170
#2	5.8767	.01657	.04423	4.1954	1.7032	.02025	.23545

Sample Name: J5539-03 Acquired: 10/18/2018 17:41:38 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11514	9.536	.20817	<.00000	F<.00000
Stddev	.00048	.168	.00112	.27211	.00358
%RSD	.41723	1.759	.53680	7.3380	.01614

#1	.11548	9.655	.20738	-3.5159	-22.151
#2	.11480	9.418	.20896	-3.9007	-22.156

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.0	63578.	5168.5	111.07	3203.7
Stddev	41.8	41.	1.2	1.88	48.7
%RSD	1.5204	.06486	.02250	1.6931	1.5206

#1	2718.5	63607.	5169.3	112.40	3169.3
#2	2777.6	63549.	5167.7	109.74	3238.2

Sample Name: J5539-07 Acquired: 10/18/2018 17:45:32 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10-5-7FT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04220	-.01110	.08497	.02735	-.00028	76.012	.40616
Stddev	.00304	.00081	.00170	.00231	.00046	.746	.00346
%RSD	7.2002	7.3331	2.0036	8.4413	164.69	.98115	.85137

#1	.04435	-.01052	.08618	.02898	-.00061	75.485	.40860
#2	.04005	-.01168	.08377	.02572	.00005	76.540	.40371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00630	617.94	.11031	.09776	.18152	193.53
Stddev	.00018	.00071	4.42	.00068	.00038	.00260	3.00
%RSD	9.7954	11.243	.71528	.61468	.38754	1.4304	1.5483

#1	.00192	.00680	621.07	.11079	.09750	.18335	191.41
#2	.00167	.00580	614.82	.10983	.09803	.17968	195.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5437	182.12	.22305	.00481	3.3843	.15955	.77488
Stddev	.0014	1.82	.00233	.00023	.0213	.00011	.00957
%RSD	.03079	1.0015	1.0451	4.8606	.62950	.06837	1.2350

#1	4.5427	183.41	.22470	.00465	3.3993	.15962	.76811
#2	4.5447	180.83	.22141	.00498	3.3692	.15947	.78164

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0986	.01108	.06863	F 15.605	1.6010	.00675	.42016
Stddev	.0454	.00009	.00018	.129	.0363	.00160	.00380
%RSD	.89034	.80844	.26830	.82928	2.2683	23.665	.90363

#1	5.1307	.01115	.06850	15.697	1.6267	.00788	.41747
#2	5.0665	.01102	.06876	15.514	1.5753	.00562	.42284

Sample Name: J5539-07 Acquired: 10/18/2018 17:45:32 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-10-5-7FT Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17276	7.944	.78879	<.00000	F<.00000
Stddev	.00299	.022	.00528	.23304	1.6220
%RSD	1.7320	.2772	.66903	16.367	4.2443

#1	.17488	7.960	.79252	-1.5886	-37.068
#2	.17064	7.928	.78505	-1.2590	-39.361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.9	59151.	5052.1	100.73	2774.8
Stddev	3.6	157.	55.9	.92	1.0
%RSD	.14034	.26551	1.1068	.91087	.03628

#1	2595.3	59262.	5012.6	101.38	2774.0
#2	2600.5	59040.	5091.7	100.08	2775.5

Sample Name: J5539-07DUP Acquired: 10/18/2018 17:49:26 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10-5-7FTD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04556	-.01235	.08782	.02765	.00013	76.106	.41356
Stddev	.00131	.00113	.00006	.00098	.00060	.081	.00131
%RSD	2.8833	9.1403	.06264	3.5556	470.27	.10607	.31722

#1	.04463	-.01155	.08778	.02696	-.00030	76.048	.41263
#2	.04649	-.01315	.08786	.02835	.00055	76.163	.41448

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	.00616	632.03	.10968	.09821	.18092	196.18
Stddev	.00006	.00013	1.37	.00046	.00042	.00004	.36
%RSD	3.3028	2.0858	.21698	.42261	.42522	.02319	.18170

#1	.00166	.00607	633.00	.10935	.09851	.18089	196.44
#2	.00174	.00625	631.06	.11001	.09792	.18095	195.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5419	184.64	.22208	.00528	3.4422	.15863	.78483
Stddev	.0019	.20	.00045	.00066	.0054	.00110	.00414
%RSD	.04254	.10839	.20095	12.563	.15559	.69034	.52741

#1	4.5433	184.50	.22239	.00575	3.4460	.15786	.78776
#2	4.5406	184.78	.22176	.00481	3.4384	.15941	.78190

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1553	.01178	.07290	F 15.693	1.6666	.00604	.41748
Stddev	.0170	.00060	.00201	.026	.0041	.00283	.00025
%RSD	.32952	5.0790	2.7521	.16546	.24677	46.824	.06016

#1	5.1673	.01135	.07148	15.712	1.6637	.00804	.41766
#2	5.1433	.01220	.07432	15.675	1.6695	.00404	.41730

Sample Name: J5539-07DUP Acquired: 10/18/2018 17:49:26 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10-5-7FTD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17277	8.028	.80586	<.00000	F<.00000
Stddev	.00068	.001	.00051	.10720	1.9848
%RSD	.39196	.0130	.06303	6.2122	5.4597

#1	.17229	8.028	.80551	-1.6498	-34.950
#2	.17324	8.029	.80622	-1.8014	-37.757

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.3	59251.	4973.9	99.364	2769.0
Stddev	14.0	162.	18.1	.641	21.9
%RSD	.53922	.27347	.36313	.64504	.79156

#1	2587.4	59137.	4961.1	98.910	2753.5
#2	2607.2	59366.	4986.7	99.817	2784.5

Sample Name: J5539-07LX5 Acquired: 10/18/2018 17:53:20 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7577 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00716	-.00219	.01864	.00450	-.00267	16.559	.09766	.00004
Stddev	.00160	.00019	.00204	.00097	.00121	.034	.00028	.00004
%RSD	22.309	8.8400	10.925	21.631	45.274	.20682	.29094	115.49

#1	.00603	-.00233	.02008	.00381	-.00182	16.535	.09786	.00001
#2	.00829	-.00205	.01720	.00518	-.00352	16.584	.09745	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	148.84	.02687	.01950	.04864	41.021	1.1139	43.361
Stddev	.00004	.21	.00038	.00022	.00015	.070	.0009	.067
%RSD	6.8921	.14383	1.4116	1.1327	.30330	.16951	.07973	.15483

#1	.00059	148.99	.02660	.01966	.04875	40.972	1.1133	43.313
#2	.00054	148.69	.02714	.01935	.04854	41.070	1.1145	43.408

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04564	.00033	.62693	.03783	.16653	1.1503	.00247	.00577
Stddev	.00027	.00013	.00596	.00007	.00193	.0117	.00028	.00475
%RSD	.59210	39.162	.94992	.17960	1.1590	1.0197	11.377	82.356

#1	.04583	.00024	.62272	.03788	.16517	1.1420	.00227	.00241
#2	.04545	.00043	.63114	.03778	.16790	1.1586	.00266	.00913

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8401	.39680	.00318	.09942	.03969	1.540	.19050	4.2037
Stddev	.0041	.00980	.00123	.00094	.00114	.007	.00005	.1681
%RSD	.14538	2.4690	38.589	.94610	2.8642	.4788	.02521	3.9976

#1	2.8372	.38988	.00231	.09876	.03888	1.545	.19047	4.0849
#2	2.8430	.40373	.00404	.10009	.04049	1.534	.19053	4.3225

Sample Name: J5539-07LX5 Acquired: 10/18/2018 17:53:20 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7577 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.0077
 Stddev .5089
 %RSD 5.6498

#1 8.6479
 #2 9.3676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.9	54153.	4301.4	101.21	3088.7
Stddev	7.9	54.	10.9	.51	15.8
%RSD	.33351	.09938	.25309	.50208	.51174

#1	2365.3	54114.	4293.7	101.57	3077.5
#2	2376.5	54191.	4309.1	100.85	3099.9

Sample Name: J5539-08 Acquired: 10/18/2018 17:57:19 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5539-07MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71504	1.7415	1.0117	1.7037	.67336	75.309	.57404
Stddev	.00451	.0066	.0020	.0062	.00052	.240	.00103
%RSD	.63025	.37883	.19497	.36621	.07769	.31879	.17987

#1	.71823	1.7368	1.0131	1.6993	.67299	75.479	.57477
#2	.71186	1.7461	1.0103	1.7081	.67373	75.139	.57331

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17580	.18715	620.61	.40200	.28237	.41952	193.99
Stddev	.00006	.00046	1.53	.00108	.00019	.00012	1.01
%RSD	.03343	.24822	.24594	.26772	.06861	.02765	.52296

#1	.17584	.18682	621.69	.40276	.28251	.41944	194.71
#2	.17575	.18748	619.54	.40124	.28223	.41960	193.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5944	184.27	.68555	.06425	5.9663	.39403	.96440
Stddev	.0006	.03	.00094	.00049	.0126	.00318	.00228
%RSD	.01228	.01790	.13725	.75756	.21094	.80766	.23601

#1	4.5948	184.29	.68622	.06391	5.9574	.39628	.96601
#2	4.5940	184.25	.68489	.06460	5.9752	.39178	.96279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.178	.34603	.31100	F 15.199	2.4282	.66868	.58151
Stddev	.040	.00033	.00726	.011	.0313	.00260	.00555
%RSD	.28198	.09432	2.3342	.07069	1.2899	.38934	.95362

#1	14.206	.34580	.30586	15.207	2.4503	.66684	.58543
#2	14.150	.34626	.31613	15.192	2.4060	.67052	.57758

Sample Name: J5539-08 Acquired: 10/18/2018 17:57:19 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5539-07MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34830	F 13.37	.95274	<.00000	F<.00000
Stddev	.00051	.01	.00588	.04086	.70682
%RSD	.14584	.0756	.61746	1.8934	1.7874

#1	.34866	13.37	.95690	-2.1291	-39.044
#2	.34794	13.36	.94858	-2.1869	-40.044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.2	59636.	4933.1	100.03	2786.7
Stddev	8.5	2.	.7	.26	3.9
%RSD	.32185	.00399	.01413	.26107	.14000

#1	2620.3	59638.	4933.5	99.844	2783.9
#2	2632.2	59634.	4932.6	100.21	2789.5

Sample Name: J5539-09 Acquired: 10/18/2018 18:01:07 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5539-07MSD Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71899	1.7666	1.0238	1.7274	.68219	76.130	.57684
Stddev	.00181	.0091	.0009	.0016	.00389	.524	.00052
%RSD	.25181	.51257	.09115	.09405	.57016	.68863	.08929

#1	.72027	1.7602	1.0231	1.7285	.67943	75.759	.57648
#2	.71771	1.7730	1.0244	1.7262	.68494	76.501	.57721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17721	.18955	628.15	.40562	.28543	.42355	193.92
Stddev	.00026	.00008	.39	.00044	.00008	.00021	2.15
%RSD	.14760	.03991	.06227	.10732	.02834	.05036	1.1082

#1	.17703	.18961	628.43	.40593	.28549	.42370	192.40
#2	.17740	.18950	627.87	.40532	.28537	.42340	195.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6428	185.75	.69559	.06405	5.9882	.39818	.95987
Stddev	.0041	.13	.00098	.00127	.0173	.00163	.00877
%RSD	.08829	.06746	.14063	1.9859	.28941	.40940	.91368

#1	4.6457	185.84	.69628	.06315	6.0005	.39934	.95367
#2	4.6399	185.67	.69490	.06495	5.9760	.39703	.96607

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.227	.34919	.32483	F 15.401	2.4300	.67320	.58247
Stddev	.046	.00148	.00356	.020	.0215	.00256	.00192
%RSD	.31987	.42332	1.0972	.12827	.88423	.37988	.32970

#1	14.260	.35024	.32735	15.415	2.4452	.67139	.58383
#2	14.195	.34815	.32231	15.387	2.4148	.67501	.58112

Sample Name: J5539-09 Acquired: 10/18/2018 18:01:07 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5539-07MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35064	F 13.68	.96437	<.00000	F<.00000
Stddev	.00083	.03	.00078	.12667	.32564
%RSD	.23750	.2083	.08119	7.3393	.86088

#1	.35005	13.70	.96382	-1.6363	-37.596
#2	.35123	13.66	.96492	-1.8155	-38.057

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.4	59174.	4906.4	100.60	2756.5
Stddev	2.0	16.	23.5	.90	1.9
%RSD	.07788	.02775	.47847	.89087	.06912

#1	2603.0	59185.	4889.8	101.23	2755.2
#2	2605.8	59162.	4923.0	99.963	2757.9

Sample Name: J5539-07A Acquired: 10/18/2018 18:04:56 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7577 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72406	1.7618	1.0200	1.7219	.68193	76.700	.57887
Stddev	.00589	.0068	.0047	.0011	.00122	.639	.00335
%RSD	.81294	.38593	.45754	.06240	.17905	.83317	.57886

#1	.72822	1.7667	1.0233	1.7211	.68107	77.152	.58124
#2	.71989	1.7570	1.0167	1.7227	.68279	76.248	.57650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17738	.18917	630.68	.40529	.28633	.42623	194.08
Stddev	.00081	.00042	1.25	.00123	.00129	.00216	3.84
%RSD	.45741	.22081	.19835	.30414	.44895	.50671	1.9786

#1	.17796	.18888	631.57	.40442	.28724	.42470	196.80
#2	.17681	.18947	629.80	.40616	.28542	.42776	191.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6395	185.39	.69274	.06458	6.0275	.39760	.95715
Stddev	.0146	.09	.00027	.00036	.0404	.00284	.01729
%RSD	.31420	.05034	.03839	.55540	.67015	.71395	1.8063

#1	4.6498	185.46	.69293	.06483	6.0561	.39961	.96938
#2	4.6292	185.33	.69256	.06433	5.9990	.39560	.94493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.245	.34924	.33700	F 15.381	2.4104	.67495	.58200
Stddev	.018	.00022	.00159	.047	.0174	.00468	.00335
%RSD	.12528	.06217	.47126	.30447	.72131	.69308	.57493

#1	14.258	.34909	.33588	15.415	2.4227	.67826	.58436
#2	14.233	.34939	.33813	15.348	2.3981	.67164	.57963

Sample Name: J5539-07A Acquired: 10/18/2018 18:04:56 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7577 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35182	F 13.56	.96965	<.00000	F<.00000
Stddev	.00224	.03	.00397	.29146	.67579
%RSD	.63727	.2256	.40917	17.821	1.7079

#1	.35341	13.58	.97246	-1.4294	-40.047
#2	.35024	13.54	.96685	-1.8416	-39.091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.2	59116.	4911.9	100.78	2756.2
Stddev	4.6	331.	4.1	1.80	7.5
%RSD	.17544	.55923	.08397	1.7856	.27251

#1	2600.9	58883.	4909.0	99.506	2750.9
#2	2607.4	59350.	4914.8	102.05	2761.5

Sample Name: CCV07 Acquired: 10/18/2018 18:08:44 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1026	4.9627	4.7786	5.1311	5.0143	9.4590	9.8672	.24156
Stddev	.0094	.0115	.0121	.0084	.0022	.0019	.0504	.00061
%RSD	.18443	.23131	.25266	.16343	.04443	.01988	.51049	.25360
#1	5.0959	4.9708	4.7871	5.1252	5.0158	9.4577	9.9028	.24113
#2	5.1092	4.9546	4.7701	5.1371	5.0127	9.4603	9.8316	.24199
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3329	26.767	.99810	2.3715	1.3193	4.7914	2.4147	25.007
Stddev	.0001	.173	.00046	.0018	.0002	.0379	.0024	.012
%RSD	.00487	.64785	.04633	.07485	.01833	.79113	.09922	.04848
#1	2.3328	26.890	.99843	2.3703	1.3195	4.8182	2.4164	24.999
#2	2.3330	26.645	.99778	2.3728	1.3192	4.7646	2.4131	25.016
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4088	1.2730	23.668	2.3930	2.5627	25.133	5.1255	5.0033
Stddev	.0016	.0002	.162	.0013	.0130	.191	.0015	.0180
%RSD	.06700	.01230	.68273	.05431	.50760	.76075	.02977	.35889
#1	2.4077	1.2731	23.782	2.3921	2.5719	25.268	5.1266	4.9906
#2	2.4100	1.2728	23.554	2.3939	2.5535	24.998	5.1245	5.0160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6692	5.1116	4.7227	4.8735	4.8853	4.665	5.0042	5.3829
Stddev	.0071	.0624	.0186	.0118	.0212	.000	.0166	.0158
%RSD	.15137	1.2200	.39289	.24300	.43329	.0088	.33202	.29420
#1	4.6742	5.1557	4.7358	4.8651	4.9003	4.666	5.0160	5.3941
#2	4.6642	5.0675	4.7096	4.8818	4.8703	4.665	4.9925	5.3717

Sample Name: CCV07 Acquired: 10/18/2018 18:08:44 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14015 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0776
Stddev .2973
%RSD 9.6599

#1 3.2878
#2 2.8674

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.1	53827.	4327.7	107.83	3179.5
Stddev	8.5	17.	35.4	.90	12.9
%RSD	.35925	.03198	.81890	.83634	.40584

#1	2360.1	53815.	4302.7	107.19	3170.4
#2	2372.1	53840.	4352.8	108.46	3188.6

Sample Name: CCB07 Acquired: 10/18/2018 18:12:31 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00410	-.00001	-.00090	.00039	.00056	-.02243	.00026
Stddev	.00034	.00052	.00013	.00171	.00276	.00999	.00012
%RSD	8.2214	3843.7	14.720	443.46	489.54	44.520	48.552

#1	-.00434	.00036	-.00081	-.00082	.00251	-.01537	.00017
#2	-.00387	-.00038	-.00100	.00159	-.00139	-.02949	.00035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00006	.01890	-.00007	-.00000	.00066	-.00526
Stddev	.00003	.00004	.01305	.00061	.00019	.00037	.00828
%RSD	101.17	58.963	69.045	854.30	27909.	55.527	157.37

#1	-.00001	.00009	.02813	.00036	-.00013	.00040	-.01111
#2	-.00006	.00004	.00967	-.00050	.00013	.00093	.00059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.04543	.00142	-.00006	-.19319	.00013	-.00092
Stddev	.00000	.04910	.00002	.00001	.00145	.00017	.00003
%RSD	12.153	108.08	1.1584	10.195	.74848	124.25	3.7191

#1	-.00002	.01071	.00141	-.00006	-.19216	.00025	-.00090
#2	-.00003	.08015	.00143	-.00005	-.19421	.00002	-.00095

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04148	.00100	.00273	F -.15653	.00156	.00092	-.00038
Stddev	.05907	.00028	.00052	.00288	.00306	.00020	.00045
%RSD	142.40	27.647	19.090	1.8373	195.81	21.873	120.12

#1	-.00029	.00119	.00236	-.15856	.00372	.00078	-.00070
#2	.08324	.00080	.00310	-.15449	-.00060	.00106	-.00006

Sample Name: CCB07 Acquired: 10/18/2018 18:12:31 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14015 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00194	-.0022	-.00004	F 2.5287	F .58172
Stddev	.00107	.0005	.00008	.3893	.22714
%RSD	55.438	21.61	214.26	15.394	39.046

#1	.00269	-.0019	.00002	2.8040	.74234
#2	.00118	-.0025	-.00009	2.2535	.42111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.0	56291.	4383.4	112.96	3524.3
Stddev	17.3	217.	23.6	4.94	19.7
%RSD	.70276	.38617	.53938	4.3765	.55759

#1	2446.8	56137.	4366.7	109.47	3510.4
#2	2471.2	56445.	4400.1	116.46	3538.2

Sample Name: J5202-01 Acquired: 10/18/2018 18:16:36 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	-.02583	.09540	.04595	.00402	189.08	.60672
Stddev	.00005	.00100	.00031	.00430	.00108	1.15	.00380
%RSD	1.4870	3.8539	.32577	9.3635	26.885	.60580	.62676

#1	.00347	-.02653	.09518	.04899	.00325	188.27	.60941
#2	.00354	-.02513	.09562	.04290	.00478	189.89	.60403

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00344	.00503	41.105	.19369	.15585	.40068	320.91
Stddev	.00008	.00069	.181	.00023	.00025	.00415	5.61
%RSD	2.2033	13.636	.44148	.11625	.15762	1.0356	1.7468

#1	.00338	.00455	41.234	.19385	.15602	.39775	324.87
#2	.00349	.00552	40.977	.19353	.15567	.40362	316.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2168	64.607	.27808	.00886	7.5441	.46613	.57412
Stddev	.0089	.256	.00129	.00024	.0114	.00021	.01119
%RSD	.17081	.39661	.46227	2.6854	.15069	.04469	1.9489

#1	5.2105	64.788	.27899	.00903	7.5521	.46627	.58203
#2	5.2231	64.426	.27717	.00869	7.5361	.46598	.56620

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.552	.00210	.20013	1.6368	3.0642	.01848	4.2447
Stddev	.038	.00017	.01484	.0056	.0059	.00080	.0015
%RSD	.32859	7.9017	7.4172	.34477	.19100	4.3451	.03521

#1	11.579	.00222	.21063	1.6328	3.0684	.01905	4.2437
#2	11.525	.00199	.18963	1.6408	3.0601	.01792	4.2458

Sample Name: J5202-01 Acquired: 10/18/2018 18:16:36 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24173	4.262	.18197	<.00000	F<.00000
Stddev	.00053	.015	.00047	.05514	1.0470
%RSD	.21764	.3437	.25846	.73997	.83841

#1	.24136	4.273	.18230	-7.4901	-125.62
#2	.24210	4.252	.18163	-7.4122	-124.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.5	62167.	5190.7	109.01	3096.4
Stddev	1.0	73.	29.6	2.36	11.4
%RSD	.03580	.11728	.56951	2.1631	.36710

#1	2756.8	62219.	5169.8	107.35	3088.4
#2	2758.2	62116.	5211.6	110.68	3104.5

Sample Name: J5202-03 Acquired: 10/18/2018 18:20:33 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00632	-.02499	.09213	.05230	.00318	177.78	.63124
Stddev	.00212	.00053	.00014	.00611	.00141	.23	.00563
%RSD	33.602	2.1251	.15472	11.683	44.178	.12695	.89117

#1	.00782	-.02536	.09203	.05662	.00418	177.62	.62727
#2	.00482	-.02461	.09224	.04798	.00219	177.94	.63522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	.00387	37.588	.18431	.15463	.44071	323.79
Stddev	.00029	.00024	.385	.00083	.00045	.00179	1.43
%RSD	7.5373	6.1127	1.0230	.45077	.28984	.40568	.44100

#1	.00399	.00404	37.317	.18489	.15495	.44197	322.79
#2	.00359	.00370	37.860	.18372	.15431	.43944	324.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4848	64.636	.28028	.00869	4.1730	.41964	.59729
Stddev	.0222	.498	.00042	.00073	.0628	.00440	.00398
%RSD	.40569	.77008	.14909	8.4175	1.5044	1.0480	.66703

#1	5.5005	64.284	.27999	.00817	4.1286	.41653	.59447
#2	5.4690	64.988	.28058	.00921	4.2174	.42275	.60011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.296	.00206	.22571	1.4833	3.2019	.01963	4.3918
Stddev	.149	.00004	.01738	.0012	.0505	.00131	.0094
%RSD	1.1179	1.9139	7.6986	.08128	1.5782	6.6732	.21493

#1	13.191	.00204	.21342	1.4841	3.1661	.02055	4.3985
#2	13.401	.00209	.23800	1.4824	3.2376	.01870	4.3851

Sample Name: J5202-03 Acquired: 10/18/2018 18:20:33 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24158	4.226	.21628	<.00000	F<.00000
Stddev	.00060	.014	.00294	.07701	3.2625
%RSD	.24656	.3364	1.3576	.81801	2.5628

#1	.24116	4.236	.21420	-9.3595	-125.00
#2	.24200	4.216	.21836	-9.4684	-129.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.4	62727.	5196.0	107.61	3120.8
Stddev	3.1	86.	48.9	.48	6.8
%RSD	.11164	.13696	.94110	.44752	.21907

#1	2797.2	62666.	5230.6	107.95	3116.0
#2	2801.6	62787.	5161.4	107.27	3125.6

Sample Name: J5202-05 Acquired: 10/18/2018 18:24:37 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00985	-.02622	.11327	.05175	.00208	190.58	.65446
Stddev	.00220	.00035	.00015	.00325	.00124	8.44	.00924
%RSD	22.357	1.3308	.13232	6.2762	59.459	4.4307	1.4116

#1	.00829	-.02647	.11338	.05404	.00296	196.55	.66099
#2	.01141	-.02598	.11317	.04945	.00121	184.61	.64792

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	.00345	42.040	.20429	.15536	.38349	341.88
Stddev	.00011	.00042	.455	.00935	.00036	.00319	2.65
%RSD	2.7687	12.186	1.0812	4.5757	.23185	.83055	.77567

#1	.00406	.00316	42.362	.21090	.15561	.38124	343.76
#2	.00391	.00375	41.719	.19768	.15510	.38574	340.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3353	64.614	.27408	.00815	4.3610	.43766	.76278
Stddev	.2428	.991	.00153	.00098	.0746	.01813	.00221
%RSD	4.5510	1.5331	.55810	12.030	1.7106	4.1425	.28967

#1	5.5070	65.315	.27300	.00746	4.4138	.45048	.76122
#2	5.1636	63.914	.27516	.00884	4.3083	.42484	.76434

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.405	.00267	.30819	1.3959	4.2086	.02782	4.3104
Stddev	.126	.00038	.01593	.0063	.1312	.00086	.0045
%RSD	1.0138	14.067	5.1674	.45189	3.1170	3.0943	.10478

#1	12.494	.00294	.31946	1.3914	4.3014	.02721	4.3136
#2	12.316	.00241	.29693	1.4003	4.1158	.02843	4.3072

Sample Name: J5202-05 Acquired: 10/18/2018 18:24:37 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24134	4.607	.21014	<.00000	F<.00000
Stddev	.00167	.023	.00258	1.9855	1.7869
%RSD	.69153	.4972	1.2294	29.914	1.4303

#1	.24252	4.624	.21197	-5.2336	-126.19
#2	.24016	4.591	.20832	-8.0416	-123.67

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2750.4	60291.	5008.1	104.57	3091.5
Stddev	15.4	2342.	25.1	.12	22.7
%RSD	.55868	3.8840	.50082	.11818	.73567

#1	2739.5	58635.	4990.4	104.48	3075.4
#2	2761.3	61947.	5025.9	104.66	3107.6

Sample Name: J5204-05 Acquired: 10/18/2018 18:28:35 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01007	-.03316	.33782	.06230	.00119	108.81	.52214
Stddev	.00341	.00018	.00114	.00374	.00255	1.13	.00517
%RSD	33.812	.54938	.33834	6.0048	214.27	1.0382	.98988

#1	.00767	-.03329	.33701	.06495	-.00061	108.02	.52579
#2	.01248	-.03303	.33862	.05966	.00299	109.61	.51848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00246	.00496	52.567	.17314	.15494	.28944	360.74
Stddev	.00003	.00005	.391	.00134	.00146	.00380	1.44
%RSD	1.1888	.97978	.74305	.77186	.94317	1.3131	.40002

#1	.00248	.00493	52.844	.17219	.15391	.28676	361.76
#2	.00244	.00500	52.291	.17408	.15598	.29213	359.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6679	39.557	.22633	.01589	6.3523	.53055	.74691
Stddev	.0121	.106	.00138	.00027	.0490	.00053	.00709
%RSD	.33051	.26686	.61193	1.7262	.77206	.09992	.94916

#1	3.6593	39.632	.22535	.01608	6.3870	.53017	.75192
#2	3.6765	39.483	.22731	.01569	6.3177	.53092	.74190

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8125	.00222	.31675	3.5321	2.9357	.03437	5.1845
Stddev	.0499	.00028	.00441	.0227	.0988	.00079	.0338
%RSD	.56594	12.615	1.3933	.64144	3.3670	2.3040	.65184

#1	8.8477	.00242	.31363	3.5161	3.0056	.03381	5.2084
#2	8.7772	.00202	.31987	3.5481	2.8658	.03493	5.1606

Sample Name: J5204-05 Acquired: 10/18/2018 18:28:35 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12242	F 11.26	.16810	<.00000	F<.00000
Stddev	.00019	.06	.00148	.60170	4.1960
%RSD	.15133	.5138	.88219	3.1402	3.0569

#1	.12255	11.22	.16915	-19.587	-140.23
#2	.12229	11.30	.16705	-18.736	-134.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.1	75544.	6162.9	106.07	3085.2
Stddev	5.3	376.	81.4	.94	6.0
%RSD	.15973	.49740	1.3209	.88184	.19502

#1	3310.9	75810.	6105.3	105.40	3089.5
#2	3303.4	75279.	6220.4	106.73	3081.0

Sample Name: J5204-07 Acquired: 10/18/2018 18:32:31 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01310	-.03926	.42339	.07178	.00384	154.40	.71332
Stddev	.00008	.00196	.00296	.00415	.00016	.88	.00333
%RSD	.60099	5.0042	.69814	5.7846	4.1896	.57084	.46668

#1	.01304	-.03787	.42548	.07472	.00373	155.03	.71096
#2	.01315	-.04065	.42130	.06884	.00396	153.78	.71567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00429	.00718	31.750	.26942	.20157	.37849	434.98
Stddev	.00012	.00103	.085	.00182	.00079	.00751	9.19
%RSD	2.8510	14.295	.26754	.67650	.39207	1.9841	2.1120

#1	.00420	.00791	31.690	.27071	.20213	.38380	428.48
#2	.00438	.00645	31.810	.26813	.20101	.37318	441.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9822	40.904	.29479	.01588	9.5245	.78653	.94674
Stddev	.0443	.310	.00097	.00073	.0562	.00054	.02346
%RSD	.88838	.75856	.32916	4.6141	.58974	.06824	2.4778

#1	5.0135	40.685	.29410	.01536	9.4848	.78691	.93015
#2	4.9509	41.124	.29547	.01639	9.5642	.78615	.96332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8375	.00307	.19964	2.6111	3.1898	.04052	6.8703
Stddev	.0293	.00065	.00461	.0008	.0190	.00116	.0218
%RSD	.37320	21.225	2.3110	.03221	.59463	2.8582	.31693

#1	7.8168	.00261	.19638	2.6117	3.2032	.03970	6.8549
#2	7.8582	.00353	.20291	2.6105	3.1764	.04134	6.8857

Sample Name: J5204-07 Acquired: 10/18/2018 18:32:31 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15858	5.988	.17349	<.00000	F<.00000
Stddev	.00087	.018	.00083	1.4840	3.8645
%RSD	.54904	.3047	.48055	9.9284	1.9810

#1	.15796	6.001	.17290	-13.898	-192.35
#2	.15919	5.975	.17408	-15.996	-197.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2976.7	67997.	5587.3	106.86	3058.8
Stddev	2.5	264.	38.3	2.33	1.4
%RSD	.08559	.38770	.68509	2.1850	.04444

#1	2974.9	67811.	5614.4	108.51	3059.8
#2	2978.5	68183.	5560.2	105.21	3057.9

Sample Name: J5535-01 Acquired: 10/18/2018 18:36:31 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BB-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03618	-.07364	114.30	.15639	.04763	541.23	^ *****	.00245
Stddev	.00353	.00516	.88	.01088	.01141	4.01	-----	.00050
%RSD	9.7447	7.0027	.76623	6.9543	23.952	.74137	-----	20.500
#1	-.03868	-.07729	114.92	.14870	.05570	538.39	^ -----	.00280
#2	-.03369	-.07000	113.68	.16408	.03956	544.06	^ -----	.00209
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30034	42.518	F 20.729	1.4281	.78893	F 1048.5	2.2947	69.811
Stddev	.00254	.047	.032	.0106	.01880	19.2	.0092	.145
%RSD	.84446	.10986	.15318	.74073	2.3834	1.8283	.39898	.20710
#1	.30213	42.551	20.707	1.4356	.80222	1034.9	2.2882	69.708
#2	.29854	42.485	20.752	1.4207	.77563	1062.0	2.3012	69.913
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12359	.07309	25.446	.21318	F 144.53	6.2296	.03048	F 46.632
Stddev	.00001	.00240	.036	.00026	.67	.0322	.00024	.093
%RSD	.00822	3.2782	.14281	.12411	.46153	.51712	.77598	.20045
#1	.12358	.07140	25.420	.21300	144.06	6.2069	.03031	46.566
#2	.12359	.07478	25.472	.21337	145.00	6.2524	.03065	46.698
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.975	1.3285	.20280	F 12.576	.08139	F 10.39	.88183	<.00000
Stddev	.007	.0093	.00243	.028	.00058	.01	.00239	.18646
%RSD	.03516	.69891	1.1984	.22441	.71531	.1405	.27066	1.7025
#1	18.980	1.3219	.20108	12.556	.08098	10.40	.88014	-11.084
#2	18.971	1.3351	.20452	12.596	.08180	10.38	.88352	-10.820

Sample Name: J5535-01 Acquired: 10/18/2018 18:36:31 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BB-DRUM Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.7	51181.	4446.2	82.447	2512.8
Stddev	16.5	162.	12.4	1.207	18.7
%RSD	.76149	.31743	.27854	1.4637	.74369
#1	2161.0	51296.	4437.5	83.300	2499.6
#2	2184.4	51066.	4455.0	81.593	2526.0

Sample Name: J5536-01 Acquired: 10/18/2018 18:40:39 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 351-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18271	-.01597	5.9782	.05862	.01094	61.366	2.6182
Stddev	.00410	.00189	.0057	.00061	.00210	.149	.0118
%RSD	2.2466	11.824	.09617	1.0332	19.221	.24221	.45144

#1	.18562	-.01731	5.9741	.05905	.00945	61.471	2.6265
#2	.17981	-.01464	5.9822	.05819	.01243	61.261	2.6098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	.01702	321.36	.14598	.09438	1.3620	243.41
Stddev	.00014	.00017	.27	.00195	.00009	.0022	3.03
%RSD	4.9740	1.0169	.08382	1.3369	.09664	.16406	1.2433

#1	.00287	.01715	321.16	.14736	.09445	1.3604	245.55
#2	.00268	.01690	321.55	.14460	.09432	1.3636	241.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7046	27.339	.28102	.00773	10.287	.34467	6.7624
Stddev	.0066	.232	.00055	.00012	.049	.00182	.1253
%RSD	.24457	.84967	.19462	1.5965	.47901	.52890	1.8524

#1	2.7093	27.175	.28141	.00764	10.322	.34596	6.8509
#2	2.7000	27.503	.28063	.00782	10.252	.34338	6.6738

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.555	.02311	.17049	F 20.202	4.3388	.38312	3.0544
Stddev	.034	.00045	.00888	.016	.0224	.00060	.0065
%RSD	.27053	1.9644	5.2102	.07783	.51631	.15658	.21329

#1	12.531	.02343	.17677	20.213	4.3546	.38270	3.0498
#2	12.579	.02279	.16421	20.191	4.3229	.38355	3.0590

Sample Name: J5536-01 Acquired: 10/18/2018 18:40:39 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 351-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11769	8.215	1.4773	<.00000	F<.00000
Stddev	.00096	.018	.0023	.25252	1.9473
%RSD	.81426	.2163	.15607	6.7174	2.5525

#1	.11837	8.227	1.4789	-3.5806	-77.668
#2	.11701	8.202	1.4756	-3.9378	-74.914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.3	59081.	4967.5	107.74	2959.4
Stddev	3.8	376.	35.1	2.02	3.5
%RSD	.15190	.63682	.70710	1.8760	.11820

#1	2525.5	58815.	4942.7	106.31	2956.9
#2	2531.0	59347.	4992.3	109.17	2961.8

Sample Name: J5538-04 Acquired: 10/18/2018 18:44:31 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NL_7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02599	-.00379	.01659	-.00631	.28579	.10061	.00157
Stddev	.00089	.00283	.00165	.00047	.03642	.00587	.00086
%RSD	3.4076	74.655	9.9290	7.3775	12.745	5.8308	54.576

#1	.02537	-.00579	.01776	-.00598	.26003	.10476	.00096
#2	.02662	-.00179	.01543	-.00664	.31154	.09646	.00217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	.00093	.62263	F 106.60	.00601	.74570	4.0563
Stddev	.00013	.00004	.01803	2.56	.00021	.00041	.0367
%RSD	7.4490	4.1376	2.8962	2.4062	3.5235	.05462	.90553

#1	-.00185	.00095	.60988	108.41	.00586	.74541	4.0823
#2	-.00166	.00090	.63538	104.78	.00616	.74599	4.0303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05475	.21550	8.1537	.00005	195.71	.00400	.61783
Stddev	.00161	.01357	.0048	.00086	1.82	.00052	.00306
%RSD	2.9438	6.2958	.05937	1857.8	.93183	13.132	.49537

#1	.05588	.20590	8.1571	.00066	194.42	.00363	.61999
#2	.05361	.22509	8.1503	-.00056	197.00	.00437	.61567

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	234.07	.00442	F 48.736	F 194.03	1.0917	-.05847	.00858
Stddev	.80	.00014	.047	.10	.0267	.00018	.00296
%RSD	.34283	3.0688	.09564	.05208	2.4476	.30898	34.511

#1	234.64	.00451	48.769	194.10	1.1106	-.05834	.01068
#2	233.50	.00432	48.703	193.96	1.0729	-.05860	.00649

Sample Name: J5538-04 Acquired: 10/18/2018 18:44:31 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NL_7 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02034	.8129	.00734	4.4992	F<.00000
Stddev	.00019	.0010	.00008	.6048	.23240
%RSD	.92319	.1266	1.0439	13.442	7.0089
#1	.02020	.8122	.00739	4.9268	-3.4801
#2	.02047	.8137	.00728	4.0715	-3.1514
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.7	53453.	4401.5	110.35	3118.3
Stddev	2.0	984.	3.4	.53	5.3
%RSD	.09086	1.8417	.07678	.48230	.16938
#1	2195.3	52757.	4403.9	109.98	3114.6
#2	2198.1	54149.	4399.1	110.73	3122.1

Sample Name: J5538-05 Acquired: 10/18/2018 18:48:41 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NL-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	-.00485	.00020	.00140	.00010	-.00179	-.01070	.00035	-.00006
Stddev	.00390	.00001	.00020	.00050	.00202	.00465	.00034	.00002
%RSD	80.466	2.7777	14.228	483.34	113.07	43.441	96.086	28.831
#1	-.00209	.00021	.00155	.00045	-.00322	-.00742	.00059	-.00004
#2	-.00761	.00020	.00126	-.00025	-.00036	-.01399	.00011	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	2.1165	1.8170	.00243	4.8812	.00641	.00058	.00521
Stddev	.00003	.0013	.0347	.00020	.0202	.00327	.00000	.00191
%RSD	9.2089	.05948	1.9084	8.1245	.41330	50.981	.22741	36.600
#1	-.00030	2.1174	1.8415	.00229	4.8955	.00410	.00058	.00656
#2	-.00026	2.1156	1.7925	.00257	4.8670	.00872	.00058	.00386
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3507	.00027	148.04	.00080	.01024	56.266	.02425	7.4543
Stddev	.0042	.00008	.06	.00003	.00019	.125	.00007	.0209
%RSD	.17912	29.354	.03743	3.2817	1.8394	.22257	.28679	.28057
#1	2.3537	.00033	148.00	.00078	.01011	56.177	.02430	7.4395
#2	2.3478	.00021	148.08	.00082	.01037	56.354	.02420	7.4691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.847	.05379	-.01238	.00008	.00224	.2336	.00512	2.3727
Stddev	.100	.00089	.00010	.00043	.00093	.0008	.00006	.5990
%RSD	.26485	1.6538	.76951	549.27	41.335	.3241	1.1124	25.245
#1	37.918	.05442	-.01231	-.00023	.00158	.2331	.00508	2.7963
#2	37.776	.05316	-.01245	.00038	.00289	.2341	.00516	1.9492

Sample Name: J5538-05 Acquired: 10/18/2018 18:48:41 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NL-7 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.58537
Stddev	.36318
%RSD	62.043

#1	.84218
#2	.32856

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.6	56226.	4498.5	114.57	3332.5
Stddev	16.2	874.	14.0	.72	15.8
%RSD	.65869	1.5544	.31055	.62522	.47454

#1	2455.1	55608.	4508.4	115.08	3321.3
#2	2478.0	56844.	4488.6	114.07	3343.7

Sample Name: J5538-06 Acquired: 10/18/2018 18:52:43 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BL01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02243	-.00088	.18979	.00534	.00421	.05332	.01603	-.00007
Stddev	.00242	.00010	.00069	.00071	.00119	.00518	.00070	.00001
%RSD	10.807	11.851	.36359	13.350	28.166	9.7199	4.3552	19.997

#1	.02414	-.00095	.18931	.00484	.00505	.05699	.01653	-.00006
#2	.02071	-.00081	.19028	.00585	.00337	.04966	.01554	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.06853	.04419	.00585	7.9975	1.7273	.00332	.01886
Stddev	.00010	.01199	.00108	.00008	.0644	.0282	.00018	.00949
%RSD	366.18	17.500	2.4350	1.4046	.80546	1.6323	5.4374	50.300

#1	.00010	.07701	.04495	.00591	7.9520	1.7473	.00345	.02557
#2	-.00004	.06005	.04343	.00580	8.0431	1.7074	.00319	.01215

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24610	.00012	814.45	.00085	.62809	703.15	.00790	4.3484
Stddev	.00213	.00057	13.46	.00001	.00099	13.46	.00007	.0123
%RSD	.86509	467.06	1.6526	.87240	.15722	1.9143	.85487	.28389

#1	.24460	.00053	804.93	.00085	.62739	693.64	.00794	4.3397
#2	.24761	-.00028	823.97	.00086	.62878	712.67	.00785	4.3571

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.717	1.2293	-.00231	.01457	.00370	4.097	.00446	8.1015
Stddev	.151	.0243	.00074	.00052	.00025	.048	.00002	.8289
%RSD	.73119	1.9724	32.215	3.5585	6.8822	1.163	.35103	10.231

#1	20.610	1.2122	-.00283	.01421	.00352	4.063	.00445	8.6876
#2	20.824	1.2465	-.00178	.01494	.00388	4.131	.00447	7.5154

Sample Name: J5538-06 Acquired: 10/18/2018 18:52:43 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BL01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0934
Stddev .0108
%RSD .34895

#1 3.0858
#2 3.1011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.7	49559.	4345.1	109.23	2828.7
Stddev	10.6	1119.	61.2	.27	9.1
%RSD	.47134	2.2588	1.4077	.24276	.32047

#1	2255.2	48767.	4388.4	109.04	2835.1
#2	2240.2	50350.	4301.9	109.42	2822.3

Sample Name: CCV08 Acquired: 10/18/2018 18:56:54 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2551	5.1327	4.8888	5.2851	5.1807	9.9397	10.167	.24705
Stddev	.0748	.0959	.1016	.0795	.0746	.0957	.428	.00080
%RSD	1.4230	1.8682	2.0776	1.5042	1.4407	.96241	4.2081	.32550
#1	5.2022	5.0649	4.8169	5.2289	5.1279	9.8721	9.8646	.24648
#2	5.3080	5.2005	4.9606	5.3413	5.2335	10.007	10.470	.24762
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3883	F 29.607	1.0191	2.4391	1.3733	5.0675	2.4625	25.285
Stddev	.0461	1.248	.0018	.0478	.0222	.3120	.0001	1.136
%RSD	1.9325	4.2151	.17950	1.9619	1.6176	6.1569	.00621	4.4922
#1	2.3557	28.725	1.0204	2.4053	1.3576	4.8469	2.4626	24.482
#2	2.4210	30.490	1.0178	2.4730	1.3890	5.2882	2.4624	26.088
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4689	1.3035	24.987	2.4348	2.6785	26.115	5.2440	5.1186
Stddev	.0534	.0017	1.079	.0037	.1531	1.066	.0863	.2398
%RSD	2.1636	.12927	4.3188	.15202	5.7155	4.0820	1.6450	4.6856
#1	2.4312	1.3023	24.224	2.4322	2.5702	25.361	5.1830	4.9490
#2	2.5067	1.3046	25.750	2.4374	2.7867	26.869	5.3050	5.2882
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8961	5.2112	4.8440	4.9897	5.0923	4.864	5.1909	5.0905
Stddev	.1035	.1833	.0804	.2242	.2242	.096	.2245	.1521
%RSD	2.1136	3.5182	1.6598	4.4937	4.4035	1.964	4.3243	2.9878
#1	4.8229	5.0816	4.7872	4.8311	4.9337	4.796	5.0322	5.1980
#2	4.9692	5.3409	4.9009	5.1482	5.2508	4.932	5.3497	4.9830

Sample Name: CCV08 Acquired: 10/18/2018 18:56:54 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14023 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6618
Stddev	.9024
%RSD	33.902

#1	2.0237
#2	3.2999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.9	54035.	4384.7	108.06	3153.0
Stddev	22.6	170.	144.2	5.45	43.0
%RSD	.95826	.31535	3.2875	5.0411	1.3650

#1	2373.9	53915.	4486.7	111.92	3183.4
#2	2342.0	54156.	4282.8	104.21	3122.5

Sample Name: CCB08 Acquired: 10/18/2018 19:00:40 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00848	.00209	-.00027	-.00468	-.00223	-.02030	-.00025
Stddev	.00152	.00075	.00053	.00192	.00209	.00530	.00033
%RSD	17.981	35.744	192.07	41.037	93.346	26.110	131.66

#1	-.00740	.00262	-.00065	-.00603	-.00076	-.02405	-.00049
#2	-.00955	.00156	.00010	-.00332	-.00371	-.01655	-.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00013	.00918	.00036	.00021	.00066	.00172
Stddev	.00007	.00000	.00113	.00016	.00005	.00025	.00647
%RSD	382.06	.66891	12.287	45.636	21.915	38.341	375.54

#1	-.00003	.00013	.00838	.00047	.00018	.00084	.00630
#2	.00007	.00013	.00997	.00024	.00025	.00048	-.00285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01700	.00171	.00019	-.07850	.00041	.00108
Stddev	.00002	.03809	.00015	.00041	.00300	.00026	.00017
%RSD	86.203	224.03	8.7479	213.76	3.8240	63.699	15.485

#1	-.00001	-.00993	.00182	-.00010	-.07638	.00059	.00120
#2	-.00004	.04393	.00161	.00048	-.08062	.00023	.00096

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11918	.00094	F .03224	F -.15487	.00445	.00074	-.00188
Stddev	.02342	.00030	.00366	.00361	.00121	.00221	.00002
%RSD	19.651	31.313	11.352	2.3298	27.122	299.16	.87877

#1	.10262	.00115	.02965	-.15742	.00360	.00230	-.00189
#2	.13574	.00074	.03483	-.15232	.00530	-.00082	-.00187

Sample Name: CCB08 Acquired: 10/18/2018 19:00:40 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14023 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.0019	.00003	F 2.5478	F<.00000
Stddev	.00117	.0011	.00011	.4283	.23254
%RSD	78.889	56.29	420.03	16.810	670.50

#1	.00065	-.0027	-.00005	2.8506	-.19911
#2	.00231	-.0012	.00010	2.2449	.12975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.4	55531.	4360.8	111.38	3473.1
Stddev	10.1	173.	59.5	1.81	12.0
%RSD	.41368	.31180	1.3646	1.6242	.34586

#1	2423.3	55409.	4318.7	110.10	3464.6
#2	2437.6	55653.	4402.8	112.66	3481.6

Sample Name: J5538-07 Acquired: 10/18/2018 19:04:45 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OXL01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .08629	k -.00233	k .19031	-.02649	k 3.1306	.41345	.01161
Stddev	.00877	.00121	.00096	.00003	.0699	.00707	.00030
%RSD	10.163	51.647	.50312	.12997	2.2319	1.7095	2.5433

#1	k .08009	k -.00148	k .19098	-.02651	k 3.0812	.41845	.01182
#2	k .09249	k -.00319	k .18963	-.02646	k 3.1800	.40845	.01140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00525	.00413	.63816	F 270.61	k .02646	k 8.9648	k 7.7754
Stddev	.00003	.00022	.00592	1.93	.00045	.0077	.0106
%RSD	.57119	5.3030	.92827	.71400	1.7077	.08634	.13596

#1	-.00527	.00398	.63397	271.98	k .02678	k 8.9593	k 7.7828
#2	-.00523	.00429	.64235	269.25	k .02614	k 8.9702	k 7.7679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06053	.15173	k 10.950	k -.01148	148.31	^ *****	k 7.2356
Stddev	.00047	.00079	.014	.00038	1.02	----	.0831
%RSD	.77481	.52034	.12659	3.3377	.68716	----	1.1489

#1	.06087	.15118	k 10.940	k -.01175	149.03	^ ----	k 7.2944
#2	.06020	.15229	k 10.960	k -.01121	147.58	^ ----	k 7.1769

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	84.727	.01946	kF 18.595	kF 70.544	k -.70254	k .32113	k .31820
Stddev	.645	.00051	.013	.079	.01812	.00022	.00283
%RSD	.76110	2.6215	.06803	.11184	2.5787	.06703	.88837

#1	85.183	.01982	k 18.604	k 70.488	k -.71536	k .32097	k .31621
#2	84.271	.01910	k 18.586	k 70.600	k -.68973	k .32128	k .32020

Sample Name: J5538-07 Acquired: 10/18/2018 19:04:45 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OXL01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00178	k .3315	.23004	4.2592	F<.00000
Stddev	.00127	.0019	.00180	.3024	.13327
%RSD	71.003	.5807	.78370	7.1009	.57722

#1	.00268	k .3302	.23131	4.4731	-23.183
#2	.00089	k .3329	.22876	4.0454	-22.995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.6	53958.	4292.1	112.77	3157.9
Stddev	1.4	229.	60.8	1.52	1.2
%RSD	.07499	.42457	1.4172	1.3509	.03883

#1	1860.6	53796.	4249.1	111.69	3157.0
#2	1862.6	54120.	4335.1	113.85	3158.8

Sample Name: J5538-08 Acquired: 10/18/2018 19:08:48 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AOXL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00452	-.00269	.41300	.00553	.00479	1.7217	.00729
Stddev	.00179	.00021	.00153	.00130	.00176	.0057	.00072
%RSD	39.685	7.6471	.36960	23.549	36.802	.32970	9.8087

#1	-.00325	-.00254	.41408	.00645	.00355	1.7258	.00679
#2	-.00579	-.00283	.41193	.00461	.00604	1.7177	.00780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	.28783	.66022	F 12.749	.04779	23.018	85.123
Stddev	.00001	.00096	.04188	.032	.00030	.083	2.613
%RSD	.80619	.33462	6.3438	.25311	.63365	.36018	3.0700

#1	-.00181	.28851	.68984	12.726	.04800	23.076	83.275
#2	-.00179	.28714	.63061	12.772	.04757	22.959	86.970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36879	.22420	F 68.233	.00586	16.216	.01156	9.5154
Stddev	.00120	.00048	.038	.00066	.175	.00019	.2402
%RSD	.32591	.21560	.05514	11.249	1.0821	1.6387	2.5240

#1	.36964	.22454	68.206	.00539	16.092	.01169	9.3456
#2	.36794	.22386	68.259	.00633	16.340	.01143	9.6852

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4040	.00826	F 11.200	F 99.618	.02230	.31994	.05185
Stddev	.0394	.00035	.022	.106	.00885	.00190	.00323
%RSD	.72939	4.2408	.19270	.10637	39.679	.59289	6.2288

#1	5.3762	.00851	11.185	99.543	.01604	.31860	.04957
#2	5.4319	.00801	11.216	99.692	.02856	.32129	.05413

Sample Name: J5538-08 Acquired: 10/18/2018 19:08:48 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AOXL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00065	1.217	.00761	<.00000	F<.00000
Stddev	.00102	.003	.00006	.64167	.65401
%RSD	155.80	.2711	.82314	324.43	11.194

#1	.00137	1.220	.00757	.25595	-6.3050
#2	-.00007	1.215	.00766	-.65151	-5.3801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.7	57061.	4506.2	110.63	3381.6
Stddev	12.7	8.	16.0	2.48	5.1
%RSD	.51686	.01412	.35442	2.2459	.15047

#1	2445.7	57066.	4517.5	112.38	3378.0
#2	2463.6	57055.	4494.9	108.87	3385.2

Sample Name: J5538-09 Acquired: 10/18/2018 19:12:44 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AL01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01070	-.00045	.05565	.00226	-.00984	1.4146	.00663	-.00010
Stddev	.00094	.00035	.00096	.00252	.00303	.0108	.00035	.00009
%RSD	8.8141	78.693	1.7278	111.26	30.760	.76050	5.2576	87.972

#1	-.01004	-.00069	.05633	.00404	-.00770	1.4070	.00688	-.00016
#2	-.01137	-.00020	.05497	.00048	-.01198	1.4222	.00638	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04656	.49326	F 2.1598	.07334	11.655	27.046	.35091	.09543
Stddev	.00005	.00756	.0118	.00024	.059	.026	.00108	.05639
%RSD	.09942	1.5324	.54696	.33135	.50707	.09443	.30736	59.088

#1	.04653	.49861	2.1515	.07317	11.697	27.064	.35015	.05556
#2	.04659	.48792	2.1682	.07351	11.613	27.028	.35168	.13530

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.620	.00166	58.749	.00820	24.001	11.387	.03679	2.4164
Stddev	.199	.00025	.229	.00101	.108	.064	.00010	.0005
%RSD	.47857	15.296	.38998	12.331	.45118	.56010	.28230	.02090

#1	41.761	.00184	58.587	.00748	23.924	11.342	.03686	2.4168
#2	41.479	.00148	58.911	.00891	24.077	11.432	.03672	2.4161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 296.24	.24554	.26026	.01274	.00254	F 69.90	.00160	1.6646
Stddev	1.37	.00271	.00052	.00170	.00054	.35	.00003	.1383
%RSD	.46403	1.1035	.19988	13.333	21.393	.5015	1.5869	8.3083

#1	297.21	.24362	.25989	.01394	.00216	70.15	.00162	1.5668
#2	295.27	.24746	.26063	.01154	.00293	69.65	.00158	1.7624

Sample Name: J5538-09 Acquired: 10/18/2018 19:12:44 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AL01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.1722
Stddev .1583
%RSD 3.0599

#1 5.0603
#2 5.2841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.0	56683.	4536.8	111.92	3363.4
Stddev	11.3	134.	37.0	.58	18.2
%RSD	.45637	.23638	.81535	.51481	.54044

#1	2464.0	56778.	4563.0	112.33	3350.5
#2	2480.0	56589.	4510.7	111.52	3376.2

Sample Name: J5538-10 Acquired: 10/18/2018 19:16:41 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CNL01 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	-.00297	.09052	.00845	.00385	-.05051	.01042	.00042
Stddev	.00185	.00021	.00151	.00053	.00023	.00084	.00065	.00004
%RSD	395.04	7.0793	1.6642	6.3277	5.8636	1.6726	6.2616	10.254

#1	-.00178	-.00282	.09159	.00808	.00401	-.04991	.01088	.00045
#2	.00084	-.00312	.08946	.00883	.00369	-.05111	.00996	.00039

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00291	.11783	.06987	.03283	48.080	1.2372	.00436	.01473
Stddev	.00013	.00780	.00100	.00029	.006	.0040	.00009	.07733
%RSD	4.6178	6.6162	1.4251	.86936	.01317	.31999	2.1104	525.06

#1	-.00301	.12334	.07057	.03303	48.085	1.2400	.00443	.06941
#2	-.00282	.11232	.06916	.03262	48.076	1.2344	.00430	-.03995

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.198	.00100	343.28	.00072	1.2355	574.64	1.6550	3.1629
Stddev	.018	.00115	2.71	.00039	.0071	1.97	.0007	.0018
%RSD	.09839	115.88	.78800	54.773	.57657	.34221	.04440	.05800

#1	18.186	.00018	341.37	.00100	1.2405	576.03	1.6555	3.1642
#2	18.211	.00181	345.20	.00044	1.2305	573.25	1.6545	3.1616

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.528	.56978	-.02235	.01814	.00362	F 15.27	.00373	5.3892
Stddev	.001	.01053	.00043	.00059	.00067	.01	.00002	.3461
%RSD	.00113	1.8473	1.9316	3.2278	18.441	.0425	.57643	6.4221

#1	68.528	.57723	-.02204	.01856	.00315	15.26	.00375	5.1444
#2	68.529	.56234	-.02265	.01773	.00409	15.27	.00372	5.6339

Sample Name: J5538-10 Acquired: 10/18/2018 19:16:41 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CNL01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5496
Stddev	.2401
%RSD	9.4185

#1	2.7194
#2	2.3798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.7	51693.	4480.9	111.78	3010.5
Stddev	4.7	55.	16.0	.73	4.1
%RSD	.20112	.10696	.35673	.65558	.13768

#1	2313.4	51654.	4469.6	111.26	3007.6
#2	2320.0	51732.	4492.2	112.30	3013.5

Sample Name: J5565-01 Acquired: 10/18/2018 19:20:45 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SD-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05311	-.00742	.09280	.03716	.00077	83.466	.56903
Stddev	.00431	.00224	.00060	.00292	.00130	.547	.00311
%RSD	8.1086	30.177	.64783	7.8547	169.84	.65545	.54728

#1	.05616	-.00583	.09238	.03922	.00169	83.079	.57123
#2	.05007	-.00900	.09323	.03510	-.00015	83.853	.56683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	.00395	100.42	.10044	.10197	.16481	231.05
Stddev	.00010	.00025	.49	.00117	.00002	.00091	2.50
%RSD	6.5333	6.2546	.48640	1.1683	.01716	.55403	1.0808

#1	.00139	.00377	100.76	.09961	.10196	.16416	232.82
#2	.00152	.00412	100.07	.10127	.10199	.16545	229.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8433	61.554	.22764	.00477	.51341	.13108	.71976
Stddev	.0044	.689	.00044	.00083	.00762	.00232	.01207
%RSD	.09032	1.1191	.19414	17.387	1.4833	1.7721	1.6772

#1	4.8464	62.041	.22733	.00535	.51879	.12943	.72830
#2	4.8402	61.067	.22795	.00418	.50802	.13272	.71122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7317	.00282	.11583	5.9729	7.0978	.01056	.38907
Stddev	.0897	.00043	.00184	.0068	.0762	.00040	.00278
%RSD	1.0279	15.126	1.5889	.11440	1.0742	3.7409	.71530

#1	8.7952	.00252	.11713	5.9681	7.1517	.01084	.38711
#2	8.6683	.00312	.11453	5.9777	7.0439	.01028	.39104

Sample Name: J5565-01 Acquired: 10/18/2018 19:20:45 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SD-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20987	6.574	.19386	<.00000	F<.00000
Stddev	.00167	.002	.00066	1.1311	1.2821
%RSD	.79736	.0247	.33987	16.680	1.9419

#1	.21106	6.575	.19433	-5.9809	-65.118
#2	.20869	6.573	.19339	-7.5805	-66.931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.5	62168.	5161.8	108.22	3128.7
Stddev	8.0	341.	84.8	1.86	9.3
%RSD	.29592	.54903	1.6432	1.7207	.29885

#1	2711.8	61927.	5101.8	106.90	3122.1
#2	2723.2	62410.	5221.7	109.54	3135.3

Sample Name: J5565-02 Acquired: 10/18/2018 19:24:39 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SD-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07507	-.01205	.12821	.05775	.00090	119.55	.84810
Stddev	.00092	.00037	.00024	.00419	.00057	.73	.00575
%RSD	1.2293	3.0991	.18368	7.2590	63.434	.60900	.67779

#1	.07572	-.01231	.12838	.05479	.00050	120.06	.85217
#2	.07441	-.01178	.12805	.06072	.00130	119.03	.84404

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	.00602	123.75	.13897	.13986	.20410	321.08
Stddev	.00003	.00074	.16	.00283	.00043	.00384	4.59
%RSD	.94937	12.232	.12547	2.0360	.31046	1.8803	1.4289

#1	.00343	.00654	123.86	.14097	.13955	.20681	317.83
#2	.00339	.00550	123.64	.13697	.14017	.20139	324.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6684	81.008	.32150	.00742	.60806	.17745	.97234
Stddev	.1038	.062	.00071	.00073	.00233	.00153	.00675
%RSD	1.3532	.07611	.22139	9.8137	.38270	.86220	.69370

#1	7.7418	81.052	.32100	.00691	.60971	.17853	.96757
#2	7.5950	80.965	.32201	.00794	.60642	.17637	.97711

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.227	.00313	.15597	9.7824	7.4331	.01461	.41926
Stddev	.073	.00016	.02008	.0219	.0229	.00042	.00484
%RSD	.59591	5.1157	12.876	.22353	.30780	2.8833	1.1554

#1	12.278	.00302	.14177	9.7669	7.4493	.01491	.42268
#2	12.175	.00325	.17017	9.7978	7.4169	.01431	.41583

Sample Name: J5565-02 Acquired: 10/18/2018 19:24:39 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SD-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30248	8.132	.25174	<.00000	F<.00000
Stddev	.00051	.006	.00093	.21725	.53825
%RSD	.16928	.0785	.36986	2.1238	.44560

#1	.30212	8.127	.25240	-10.076	-121.17
#2	.30284	8.136	.25108	-10.383	-120.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.8	63514.	5307.9	107.29	3075.3
Stddev	16.3	577.	38.6	.79	14.9
%RSD	.57617	.90774	.72673	.73675	.48307

#1	2811.3	63106.	5280.6	107.85	3064.8
#2	2834.3	63921.	5335.2	106.74	3085.8

Sample Name: J5565-03 Acquired: 10/18/2018 19:28:43 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SD-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11445	-.01480	.19623	.06773	.00282	139.98	.92078
Stddev	.00272	.00005	.00094	.00054	.00018	.13	.00209
%RSD	2.3761	.30663	.47661	.79989	6.4069	.09461	.22683

#1	.11253	-.01483	.19689	.06734	.00269	139.88	.91930
#2	.11637	-.01477	.19557	.06811	.00295	140.07	.92225

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00443	.00719	95.247	.16251	.16869	.22321	395.53
Stddev	.00014	.00003	.139	.00113	.00029	.00824	3.66
%RSD	3.1749	.39031	.14587	.69424	.16924	3.6929	.92477

#1	.00453	.00717	95.345	.16330	.16889	.21738	398.12
#2	.00433	.00721	95.148	.16171	.16849	.22904	392.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9846	88.078	.39598	.01077	.65516	.21257	1.1363
Stddev	.0092	.160	.00061	.00090	.00338	.00129	.0117
%RSD	.09212	.18162	.15317	8.3303	.51666	.60560	1.0298

#1	9.9781	87.965	.39555	.01140	.65277	.21166	1.1446
#2	9.9911	88.191	.39641	.01013	.65755	.21348	1.1280

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.870	.00494	.18970	2.0533	F 10.698	.01878	.47075
Stddev	.003	.00013	.01329	.0046	.083	.00107	.00830
%RSD	.02493	2.7200	7.0040	.22633	.77509	5.7071	1.7629

#1	12.872	.00485	.19909	2.0566	10.639	.01954	.47662
#2	12.868	.00504	.18030	2.0500	10.757	.01802	.46488

Sample Name: J5565-03 Acquired: 10/18/2018 19:28:43 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SD-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35126	8.706	.35461	<.00000	F<.00000
Stddev	.00102	.006	.00024	.66596	2.6123
%RSD	.29063	.0680	.06756	5.1507	1.5407

#1	.35054	8.710	.35444	-12.459	-167.71
#2	.35198	8.702	.35478	-13.401	-171.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.3	64640.	5366.0	105.88	2990.5
Stddev	9.3	67.	4.0	1.28	27.3
%RSD	.32974	.10345	.07456	1.2074	.91373

#1	2841.9	64592.	5363.1	104.97	2971.2
#2	2828.7	64687.	5368.8	106.78	3009.9

Sample Name: J5565-04 Acquired: 10/18/2018 19:32:47 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SD-5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02006	-.00632	.15462	.03602	.00019	89.883	.60988
Stddev	.00224	.00080	.00061	.00124	.00030	.096	.00425
%RSD	11.152	12.721	.39686	3.4356	161.20	.10638	.69702

#1	.01847	-.00575	.15418	.03689	-.00003	89.951	.61289
#2	.02164	-.00689	.15505	.03514	.00040	89.815	.60688

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	.00340	47.484	.11212	.08098	.38906	185.13
Stddev	.00008	.00017	.530	.00076	.00012	.00211	.97
%RSD	3.3715	4.9024	1.1156	.67560	.15284	.54211	.52610

#1	.00249	.00328	47.858	.11266	.08106	.39055	185.82
#2	.00237	.00351	47.109	.11159	.08089	.38757	184.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0379	37.312	.22092	.00296	.49299	.14150	.70956
Stddev	.0027	.096	.00119	.00033	.01044	.00001	.00291
%RSD	.13415	.25842	.53769	11.242	2.1169	.00876	.41008

#1	2.0359	37.380	.22176	.00272	.50037	.14150	.71161
#2	2.0398	37.244	.22008	.00319	.48561	.14151	.70750

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9225	.00256	.11491	F 11.470	4.9976	.01617	.31571
Stddev	.0644	.00006	.00275	.051	.0359	.00017	.00424
%RSD	.72143	2.3576	2.3899	.44757	.71822	1.0796	1.3420

#1	8.9680	.00261	.11297	11.506	5.0230	.01604	.31870
#2	8.8770	.00252	.11685	11.433	4.9723	.01629	.31271

Sample Name: J5565-04 Acquired: 10/18/2018 19:32:47 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SD-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20460	5.888	.42132	<.00000	F<.00000
Stddev	.00059	.024	.00418	.45972	1.2125
%RSD	.28600	.4119	.99138	6.6107	2.5178

#1	.20502	5.905	.42427	-7.2793	-47.301
#2	.20419	5.871	.41836	-6.6292	-49.015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.9	63150.	5151.9	112.39	3241.6
Stddev	17.6	143.	25.0	.64	23.9
%RSD	.64370	.22672	.48458	.56723	.73851

#1	2717.5	63252.	5134.3	111.93	3224.6
#2	2742.3	63049.	5169.6	112.84	3258.5

Sample Name: J5565-04DUP Acquired: 10/18/2018 19:36:42 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SD-5DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02013	-.00581	.14989	.03589	.00021	88.458	.60441
Stddev	.00005	.00152	.00155	.00237	.00140	.894	.00004
%RSD	.24778	26.149	1.0320	6.6010	665.45	1.0104	.00595

#1	.02009	-.00688	.14879	.03756	-.00078	87.826	.60438
#2	.02016	-.00473	.15098	.03421	.00120	89.090	.60444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	.00322	47.172	.11056	.07957	.38224	185.80
Stddev	.00008	.00011	.002	.00068	.00031	.00124	.22
%RSD	3.6067	3.3513	.00367	.61561	.38850	.32459	.11815

#1	.00229	.00329	47.173	.11104	.07936	.38312	185.95
#2	.00217	.00314	47.171	.11007	.07979	.38137	185.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0245	37.200	.21673	.00337	.48169	.14007	.71865
Stddev	.0049	.137	.00051	.00006	.00740	.00033	.00885
%RSD	.24153	.36741	.23567	1.8532	1.5357	.23336	1.2314

#1	2.0210	37.104	.21637	.00342	.47646	.14030	.72491
#2	2.0280	37.297	.21709	.00333	.48692	.13984	.71239

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8042	.00232	.11896	F 11.279	4.6757	.01728	.30411
Stddev	.0104	.00004	.00661	.038	.0318	.00095	.00026
%RSD	.11867	1.9304	5.5604	.33836	.68099	5.5115	.08389

#1	8.7968	.00229	.12364	11.252	4.6982	.01795	.30429
#2	8.8116	.00236	.11429	11.306	4.6532	.01661	.30393

Sample Name: J5565-04DUP Acquired: 10/18/2018 19:36:42 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SD-5DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20358	5.797	.41757	<.00000	F<.00000
Stddev	.00108	.000	.00066	.45236	2.5326
%RSD	.53280	.0029	.15770	6.7031	5.5387

#1	.20435	5.797	.41711	-7.0684	-43.934
#2	.20281	5.797	.41804	-6.4287	-47.516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2755.4	63208.	5122.2	110.63	3280.7
Stddev	.5	58.	34.3	1.06	6.1
%RSD	.01691	.09162	.66978	.95894	.18579

#1	2755.0	63249.	5097.9	109.88	3285.0
#2	2755.7	63167.	5146.4	111.38	3276.4

Sample Name: J5565-04LX5 Acquired: 10/18/2018 19:40:36 Type: Unk
Method: P4-ICP2(v2507) 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	-.00063	-.00003	.03051	.00433	-.00119	18.550	.12748	.00021
Stddev	.00022	.00017	.00044	.00156	.00123	.133	.00458	.00008
%RSD	34.648	545.39	1.4286	36.024	102.81	.71621	3.5950	39.040

#1	-.00079	.00009	.03082	.00323	-.00206	18.643	.13072	.00015
#2	-.00048	-.00015	.03020	.00543	-.00033	18.456	.12424	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	10.123	.02517	.01563	.08985	35.412	.45648	7.8928
Stddev	.00016	.333	.00015	.00024	.00114	1.456	.00039	.2078
%RSD	26.744	3.2886	.57672	1.5358	1.2646	4.1121	.08507	2.6326

#1	.00047	10.358	.02528	.01546	.08905	36.441	.45676	8.0397
#2	.00070	9.8871	.02507	.01580	.09065	34.382	.45621	7.7458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04381	-.00029	-.04366	.03161	.14324	1.9393	.00047	.02164
Stddev	.00014	.00075	.01362	.00023	.00497	.0611	.00013	.00293
%RSD	.32199	255.72	31.209	.72882	3.4694	3.1480	27.554	13.522

#1	.04391	.00024	-.03402	.03145	.14676	1.9825	.00056	.02371
#2	.04371	-.00082	-.05329	.03177	.13973	1.8961	.00038	.01957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0591	1.4375	.00423	.07202	.04280	1.128	.08901	<.00000
Stddev	.0001	.0563	.00038	.00428	.00271	.001	.00324	.31894
%RSD	.00561	3.9150	9.0404	5.9387	6.3416	.0612	3.6420	27.694

#1	2.0592	1.4773	.00450	.06900	.04472	1.127	.09131	-1.3772
#2	2.0590	1.3977	.00396	.07505	.04088	1.128	.08672	-.92611

Sample Name: J5565-04LX5 Acquired: 10/18/2018 19:40:36 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.5746
Stddev	.4461
%RSD	9.7509

#1	4.8900
#2	4.2591

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.6	58265.	4694.3	114.49	3461.9
Stddev	14.3	376.	155.9	4.61	24.6
%RSD	.55527	.64547	3.3206	4.0295	.71136

#1	2558.5	57999.	4584.0	111.22	3444.4
#2	2578.7	58531.	4804.5	117.75	3479.3

Sample Name: CCV09 Acquired: 10/18/2018 19:44:37 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0257	5.0468	4.7898	5.0514	4.9810	9.4980	9.8549	.24238
Stddev	.0248	.0264	.0225	.0162	.0154	.0511	.0789	.00139
%RSD	.49238	.52349	.46913	.32092	.30836	.53767	.80040	.57249
#1	5.0082	5.0281	4.7739	5.0399	4.9701	9.4619	9.9107	.24336
#2	5.0432	5.0655	4.8057	5.0629	4.9919	9.5341	9.7992	.24140
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3463	25.683	1.0136	2.3786	1.2793	4.8142	2.4271	24.736
Stddev	.0112	.014	.0084	.0100	.0055	.0793	.0134	.016
%RSD	.47614	.05564	.83096	.42129	.42873	1.6473	.55267	.06412
#1	2.3384	25.673	1.0195	2.3715	1.2754	4.7581	2.4366	24.725
#2	2.3542	25.694	1.0076	2.3857	1.2832	4.8702	2.4176	24.748
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4034	1.2869	23.773	2.4058	2.5495	24.913	5.0445	4.9771
Stddev	.0099	.0062	.171	.0202	.0100	.197	.0208	.0028
%RSD	.41106	.47760	.72115	.84051	.39054	.79228	.41234	.05595
#1	2.3964	1.2912	23.894	2.4201	2.5424	25.052	5.0298	4.9751
#2	2.4104	1.2825	23.652	2.3915	2.5565	24.773	5.0592	4.9790
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6316	5.1580	4.7816	4.8510	4.9137	4.725	4.9977	F 3.2900
Stddev	.0256	.0512	.0310	.0155	.0406	.012	.0452	.4904
%RSD	.55168	.99178	.64775	.31947	.82654	.2441	.90372	14.906
#1	4.6135	5.1942	4.7597	4.8400	4.9425	4.717	5.0296	3.6368
#2	4.6497	5.1218	4.8035	4.8619	4.8850	4.733	4.9657	2.9433

Sample Name: CCV09 Acquired: 10/18/2018 19:44:37 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5230
Stddev .2768
%RSD 10.970

#1 2.3273
#2 2.7187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.8	54760.	4409.7	107.67	3216.1
Stddev	1.2	445.	61.1	.16	1.0
%RSD	.04796	.81314	1.3848	.14479	.03258

#1	2438.6	54445.	4366.5	107.56	3215.3
#2	2437.0	55074.	4452.9	107.78	3216.8

Sample Name: CCB09 Acquired: 10/18/2018 19:48:23 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7583 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00607	.00168	-.00093	-.00492	.00010	-.01587	-.00049
Stddev	.00193	.00014	.00011	.00483	.00163	.00363	.00048
%RSD	31.755	8.4021	11.942	98.236	1577.7	22.891	98.039

#1	-.00744	.00158	-.00101	-.00834	.00126	-.01330	-.00015
#2	-.00471	.00178	-.00085	-.00150	-.00105	-.01844	-.00082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00008	.02539	.00025	-.00027	.00057	-.00608
Stddev	.00001	.00001	.00222	.00001	.00001	.00039	.00145
%RSD	15.997	14.397	8.7506	4.6086	2.6699	68.162	23.802

#1	-.00005	.00009	.02696	.00024	-.00026	.00084	-.00710
#2	-.00007	.00007	.02382	.00026	-.00027	.00029	-.00505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02091	.00189	-.00007	-.19574	.00049	-.00032
Stddev	.00004	.05249	.00010	.00070	.00094	.00025	.00008
%RSD	100.86	251.00	5.3823	1067.1	.47778	50.317	24.999

#1	.00001	-.01620	.00196	.00043	-.19640	.00032	-.00038
#2	.00006	.05803	.00182	-.00056	-.19508	.00067	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05130	.00146	.01516	F -.15780	.00478	.00153	.00063
Stddev	.00694	.00053	.00353	.00210	.00444	.00010	.00158
%RSD	13.525	36.305	23.257	1.3278	92.956	6.7589	248.24

#1	.05621	.00183	.01765	-.15928	.00792	.00161	-.00048
#2	.04640	.00108	.01267	-.15631	.00164	.00146	.00175

Sample Name: CCB09 Acquired: 10/18/2018 19:48:23 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7583 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.0035	.00002	F<.00000	F .70905
Stddev	.00078	.0014	.00007	.12370	.15165
%RSD	47.455	41.52	360.67	43.305	21.387

#1	.00109	-.0045	.00007	-.19818	.60182
#2	.00219	-.0025	-.00003	-.37313	.81628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2565.9	57362.	4444.8	111.39	3620.3
Stddev	.2	4.	.4	1.71	11.2
%RSD	.00713	.00631	.00926	1.5341	.30999

#1	2566.1	57365.	4445.1	112.60	3628.2
#2	2565.8	57360.	4444.5	110.18	3612.4

Sample Name: J5565-05 Acquired: 10/18/2018 19:52:29 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5565-04MS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71601	1.8191	1.0583	1.8113	.70274	88.171	.77024
Stddev	.00653	.0074	.0018	.0004	.00110	.669	.00334
%RSD	.91232	.40581	.16608	.02461	.15687	.75829	.43349

#1	.72062	1.8139	1.0596	1.8116	.70196	87.698	.77261
#2	.71139	1.8243	1.0571	1.8109	.70352	88.644	.76788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17382	.18469	47.385	.44013	.26637	.64026	179.85
Stddev	.00045	.00018	.149	.00133	.00007	.00251	1.83
%RSD	.25667	.09819	.31386	.30217	.02580	.39232	1.0197

#1	.17413	.18481	47.280	.44107	.26632	.64203	178.55
#2	.17350	.18456	47.491	.43919	.26642	.63848	181.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1507	38.133	.68590	.06309	3.1263	.39311	.87633
Stddev	.0004	.334	.00098	.00031	.0034	.00104	.00459
%RSD	.01868	.87677	.14254	.48910	.10849	.26478	.52408

#1	2.1504	38.369	.68659	.06287	3.1287	.39385	.87308
#2	2.1510	37.896	.68520	.06330	3.1239	.39238	.87958

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.798	.36510	.37704	F 11.026	6.4059	.65950	.50228
Stddev	.010	.00048	.00252	.029	.1182	.00229	.00700
%RSD	.05716	.13183	.66857	.26488	1.8460	.34786	1.3927

#1	17.806	.36476	.37882	11.006	6.4896	.66112	.49733
#2	17.791	.36544	.37526	11.047	6.3223	.65787	.50723

Sample Name: J5565-05 Acquired: 10/18/2018 19:52:29 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5565-04MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38453	F 10.93	.59075	<.00000	F<.00000
Stddev	.00068	.01	.00082	.24932	.55876
%RSD	.17717	.0683	.13905	3.6318	1.1373

#1	.38405	10.93	.59017	-7.0412	-49.524
#2	.38502	10.92	.59133	-6.6886	-48.734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.1	63584.	5108.5	113.72	3297.5
Stddev	15.3	1.	30.4	.63	18.7
%RSD	.54894	.00165	.59429	.55264	.56706

#1	2779.3	63585.	5087.0	114.16	3284.3
#2	2800.9	63583.	5129.9	113.28	3310.8

Sample Name: J5565-06 Acquired: 10/18/2018 19:56:15 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5565-04MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73097	1.8485	1.0805	1.8455	.71836	90.453	.78834
Stddev	.01001	.0019	.0021	.0005	.00083	.636	.00629
%RSD	1.3693	.10390	.19596	.02749	.11527	.70332	.79771

#1	.73805	1.8499	1.0790	1.8458	.71778	90.003	.78389
#2	.72389	1.8472	1.0820	1.8451	.71895	90.903	.79278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17616	.18747	48.119	.44675	.27081	.65278	185.91
Stddev	.00010	.00002	.113	.00004	.00019	.00069	2.08
%RSD	.05534	.01309	.23451	.00934	.07075	.10596	1.1199

#1	.17610	.18749	48.039	.44672	.27068	.65327	184.44
#2	.17623	.18745	48.199	.44678	.27095	.65229	187.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1895	39.016	.69780	.06450	3.2011	.40037	.90442
Stddev	.0014	.349	.00035	.00093	.0280	.00075	.00973
%RSD	.06501	.89527	.04993	1.4473	.87584	.18704	1.0755

#1	2.1885	38.769	.69755	.06384	3.1813	.40090	.89754
#2	2.1905	39.263	.69805	.06516	3.2210	.39984	.91130

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.169	.37206	.39100	F 11.230	6.3748	.67034	.49257
Stddev	.091	.00101	.00542	.028	.0881	.00077	.01038
%RSD	.50234	.27053	1.3868	.24698	1.3826	.11525	2.1070

#1	18.104	.37135	.39484	11.250	6.3124	.66980	.48524
#2	18.233	.37277	.38717	11.210	6.4371	.67089	.49991

Sample Name: J5565-06 Acquired: 10/18/2018 19:56:15 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J5565-04MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39222	F 11.14	.60177	<.00000	F<.00000
Stddev	.00102	.00	.00172	.27383	1.3670
%RSD	.25886	.0151	.28588	4.8118	2.7717

#1	.39150	11.14	.60055	-5.8845	-48.354
#2	.39293	11.14	.60299	-5.4972	-50.288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.2	62216.	5029.8	110.49	3236.7
Stddev	1.5	163.	12.2	1.07	3.4
%RSD	.05463	.26122	.24347	.96510	.10626

#1	2739.3	62331.	5038.5	111.24	3234.3
#2	2737.1	62102.	5021.2	109.73	3239.1

Sample Name: J5565-04A Acquired: 10/18/2018 20:00:03 Type: Unk
Method: P4-ICP2(v2507) 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	.74070	1.8747	1.0985	1.8646	.72341	90.693	.80102
Stddev	.00544	.0046	.0016	.0052	.00072	.677	.00048
%RSD	.73483	.24830	.14362	.27953	.09949	.74696	.06054

#1	.74455	1.8780	1.0997	1.8609	.72291	90.214	.80137
#2	.73685	1.8714	1.0974	1.8683	.72392	91.172	.80068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17745	.19064	48.219	.45302	.27553	.66187	186.63
Stddev	.00072	.00018	.273	.00188	.00088	.00087	2.39
%RSD	.40304	.09591	.56688	.41400	.31940	.13103	1.2827

#1	.17695	.19077	48.025	.45169	.27615	.66248	184.94
#2	.17796	.19051	48.412	.45435	.27490	.66126	188.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2087	39.590	.70920	.06480	3.2309	.40495	.90250
Stddev	.0008	.096	.00159	.00003	.0144	.00081	.00650
%RSD	.03598	.24298	.22432	.04926	.44499	.19991	.72046

#1	2.2093	39.522	.71032	.06482	3.2410	.40552	.89791
#2	2.2081	39.658	.70807	.06478	3.2207	.40437	.90710

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.330	.37559	.39298	F 11.376	6.2076	.68309	.50704
Stddev	.045	.00136	.01100	.012	.0403	.00202	.00362
%RSD	.24438	.36247	2.7987	.10496	.64848	.29519	.71410

#1	18.362	.37655	.38520	11.384	6.2361	.68451	.50960
#2	18.299	.37463	.40076	11.367	6.1791	.68166	.50448

Sample Name: J5565-04A Acquired: 10/18/2018 20:00:03 Type: Unk
 Method: P4-ICP2(v2507) 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	.39469	F 11.24	.60293	<.00000	F<.00000
Stddev	.00146	.10	.00202	.35868	.52283
%RSD	.37046	.9291	.33474	5.9771	1.1137
#1	.39365	11.32	.60150	-5.7473	-46.574
#2	.39572	11.17	.60436	-6.2545	-47.314
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.1	61855.	4983.3	110.43	3185.9
Stddev	7.9	51.	27.9	.82	10.1
%RSD	.29101	.08215	.56071	.73977	.31691
#1	2703.5	61819.	4963.5	111.01	3178.8
#2	2714.7	61891.	5003.0	109.85	3193.1

Sample Name: J5565-07 Acquired: 10/18/2018 20:03:50 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SD-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01638	-.01311	.24131	.06956	.00242	129.28	1.3749
Stddev	.00112	.00249	.00039	.00004	.00033	.03	.0093
%RSD	6.8292	19.004	.16114	.06365	13.682	.02666	.67723

#1	.01717	-.01487	.24103	.06960	.00265	129.25	1.3815
#2	.01559	-.01135	.24158	.06953	.00218	129.30	1.3683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00454	.01090	203.41	.14541	.14470	.28548	411.06
Stddev	.00055	.00031	.74	.00018	.00132	.00302	3.66
%RSD	12.099	2.8141	.36272	.12348	.91172	1.0567	.89015

#1	.00415	.01069	203.93	.14554	.14563	.28335	413.65
#2	.00493	.01112	202.88	.14528	.14377	.28762	408.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4128	68.904	.33225	.00952	1.0533	.19537	1.4427
Stddev	.0376	.376	.00162	.00034	.0118	.00142	.0106
%RSD	.44742	.54597	.48693	3.5424	1.1188	.72822	.73390

#1	8.4394	69.170	.33339	.00976	1.0616	.19437	1.4502
#2	8.3862	68.638	.33110	.00928	1.0449	.19638	1.4352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.815	.00224	.29166	F 28.038	4.6207	.01293	.39910
Stddev	.154	.00010	.00370	.020	.0562	.00037	.00050
%RSD	1.0409	4.4785	1.2697	.07038	1.2162	2.8594	.12530

#1	14.924	.00231	.29427	28.052	4.5809	.01319	.39875
#2	14.706	.00217	.28904	28.024	4.6604	.01267	.39946

Sample Name: J5565-07 Acquired: 10/18/2018 20:03:50 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SD-8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29036	F 11.89	1.3917	<.00000	F<.00000
Stddev	.00110	.04	.0044	.83499	.11376
%RSD	.37840	.3643	.31439	6.6850	.06447

#1	.29114	11.92	1.3948	-11.900	-176.36
#2	.28958	11.86	1.3886	-13.081	-176.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.2	62806.	5315.2	106.26	2957.4
Stddev	.4	118.	31.4	.96	10.1
%RSD	.01634	.18837	.59105	.90209	.34319

#1	2745.5	62722.	5293.0	105.58	2950.2
#2	2744.9	62889.	5337.4	106.94	2964.6

Sample Name: J5565-08 Acquired: 10/18/2018 20:07:53 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RLF-SD-FD-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01896	-.00703	.15021	.03418	-.00005	87.276	.57399
Stddev	.00259	.00037	.00293	.00415	.00014	.888	.02296
%RSD	13.676	5.2804	1.9515	12.136	298.70	1.0173	3.9998

#1	.01712	-.00729	.15228	.03125	-.00015	86.648	.55775
#2	.02079	-.00677	.14813	.03712	.00005	87.903	.59022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	.00418	44.611	.11247	.07878	.38562	174.98
Stddev	.00012	.00103	2.320	.00010	.00048	.00707	10.82
%RSD	4.9923	24.644	5.2004	.08774	.60805	1.8339	6.1863

#1	.00241	.00491	42.970	.11240	.07844	.39062	167.32
#2	.00224	.00345	46.251	.11254	.07912	.38062	182.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0451	36.216	.21386	.00129	.46466	.14049	.68863
Stddev	.0027	1.316	.00134	.00151	.03601	.00058	.04197
%RSD	.13337	3.6348	.62843	116.45	7.7494	.41034	6.0955

#1	2.0431	35.285	.21481	.00023	.43920	.14009	.65894
#2	2.0470	37.147	.21291	.00236	.49012	.14090	.71831

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6280	.00236	.10198	F 10.672	4.9944	.11304	.30069
Stddev	.3349	.00071	.00036	.022	.2312	.00076	.01301
%RSD	3.8819	29.993	.35541	.20365	4.6292	.67454	4.3283

#1	8.3912	.00286	.10172	10.657	4.8309	.11250	.29149
#2	8.8648	.00186	.10223	10.688	5.1578	.11358	.30989

Sample Name: J5565-08 Acquired: 10/18/2018 20:07:53 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RLF-SD-FD-01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19753	5.658	.39622	<.00000	F<.00000
Stddev	.00940	.002	.01863	.70827	1.6520
%RSD	4.7566	.0277	4.7027	10.348	3.9140

#1	.19088	5.657	.38305	-7.3453	-41.040
#2	.20417	5.659	.40940	-6.3436	-43.376

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.8	62166.	5161.6	114.99	3256.6
Stddev	14.6	179.	209.0	6.77	17.2
%RSD	.53072	.28858	4.0489	5.8906	.52825

#1	2738.5	62293.	5309.4	119.78	3244.4
#2	2759.1	62040.	5013.8	110.20	3268.7

Sample Name: J5573-03 Acquired: 10/18/2018 20:11:47 Type: Unk
Method: P4-ICP2(v2507) 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	.04824	-.00438	.01365	.00263	-.00171	-.46813	.11066	-.00005
Stddev	.00362	.00220	.00058	.00131	.00099	.04695	.00217	.00003
%RSD	7.5079	50.342	4.2596	49.600	58.275	10.029	1.9615	73.365

#1	.05080	-.00593	.01324	.00356	-.00241	-.50133	.11220	-.00002
#2	.04568	-.00282	.01406	.00171	-.00100	-.43493	.10913	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	1220.9	-.00033	-.00081	.01003	-.34387	.00436	53.176
Stddev	.00011	33.9	.00079	.00002	.00015	.02116	.00004	.301
%RSD	111.32	2.7753	236.48	2.3523	1.5307	6.1531	.86840	.56653

#1	.00002	1244.9	-.00089	-.00079	.00992	-.35883	.00434	53.389
#2	.00018	1196.9	.00022	-.00082	.01013	-.32891	.00439	52.963

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00801	-.00211	352.22	.02253	.04581	66.689	.01334	.46827
Stddev	.00009	.00025	11.29	.00047	.00193	1.426	.00063	.00133
%RSD	1.0788	11.987	3.2042	2.0715	4.2230	2.1388	4.7144	.28477

#1	.00807	-.00229	360.20	.02220	.04718	67.697	.01289	.46922
#2	.00795	-.00193	344.24	.02286	.04444	65.680	.01378	.46733

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 795.29	F 38.377	-.29306	-.03082	.08174	.2632	7.1961	9.4211
Stddev	2.21	1.079	.00127	.00099	.00001	.0073	.1251	.0472
%RSD	.27747	2.8118	.43359	3.2267	.01407	2.765	1.7382	.50075

#1	796.85	39.140	-.29395	-.03011	.08175	.2580	7.2845	9.3878
#2	793.73	37.614	-.29216	-.03152	.08174	.2683	7.1076	9.4545

Sample Name: J5573-03 Acquired: 10/18/2018 20:11:47 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.9863
Stddev	1.2432
%RSD	12.449

#1	9.1072
#2	10.865

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.7	47042.	4176.3	100.48	2636.7
Stddev	11.2	73.	109.8	4.70	20.1
%RSD	.53766	.15426	2.6285	4.6782	.76183

#1	2072.8	47094.	4098.6	97.153	2622.4
#2	2088.6	46991.	4253.9	103.80	2650.9

Sample Name: J5573-03DUP Acquired: 10/18/2018 20:16:03 Type: Unk
Method: P4-ICP2(v2507) 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	.04908	-.00358	.01222	.00339	.00051	-.43469	.10844	.00003
Stddev	.00525	.00330	.00156	.00104	.00046	.01223	.00129	.00007
%RSD	10.698	92.189	12.731	30.657	90.111	2.8142	1.1867	226.11

#1	.04537	-.00125	.01112	.00265	.00018	-.42604	.10935	-.00002
#2	.05279	-.00592	.01332	.00412	.00083	-.44334	.10753	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	1203.9	-.00084	-.00063	.00997	-.33049	.00434	52.307
Stddev	.00006	4.9	.00088	.00008	.00002	.00943	.00009	.105
%RSD	56.062	.40791	104.93	12.282	.15968	2.8545	2.0552	.20070

#1	.00014	1200.5	-.00022	-.00057	.00996	-.33717	.00440	52.233
#2	.00006	1207.4	-.00147	-.00068	.00998	-.32382	.00427	52.381

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00781	-.00185	348.62	.02243	.04400	66.166	.01296	.44991
Stddev	.00034	.00078	4.37	.00012	.00091	.413	.00014	.00418
%RSD	4.2993	42.300	1.2547	.54058	2.0728	.62363	1.0501	.92888

#1	.00757	-.00130	351.71	.02252	.04465	66.458	.01305	.44695
#2	.00805	-.00241	345.52	.02234	.04336	65.874	.01286	.45286

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 786.02	F 38.042	-.29086	-.03111	.08140	.2640	7.1095	8.0385
Stddev	2.57	.251	.00017	.00298	.00090	.0008	.0882	.1361
%RSD	.32654	.65875	.05955	9.5839	1.0998	.2947	1.2412	1.6932

#1	784.21	38.219	-.29074	-.03322	.08203	.2646	7.1719	8.1348
#2	787.84	37.865	-.29098	-.02900	.08077	.2635	7.0471	7.9423

Sample Name: J5573-03DUP Acquired: 10/18/2018 20:16:03 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.3063
Stddev	1.3707
%RSD	14.729

#1	8.3371
#2	10.276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.7	48124.	4257.8	105.05	2691.5
Stddev	4.1	236.	40.4	2.55	2.2
%RSD	.19155	.49015	.94789	2.4230	.08186

#1	2127.8	47958.	4229.3	103.25	2689.9
#2	2133.6	48291.	4286.4	106.85	2693.0

Sample Name: J5573-03LX5 Acquired: 10/18/2018 20:20:23 Type: Unk
Method: P4-ICP2(v2507) 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	.00447	-.00069	.00278	.00351	-.00461	.01139	.02271	-.00005
Stddev	.00199	.00099	.00060	.00023	.00042	.03046	.00014	.00000
%RSD	44.503	143.68	21.625	6.6358	9.1537	267.38	.61140	7.4076

#1	.00588	.00001	.00235	.00335	-.00490	.03293	.02262	-.00005
#2	.00306	-.00138	.00320	.00368	-.00431	-.01015	.02281	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	267.50	-.00045	-.00032	.00221	-.08185	.00098	11.363
Stddev	.00007	4.53	.00001	.00006	.00032	.01743	.00001	.235
%RSD	154.84	1.6944	2.3987	20.145	14.348	21.292	.63037	2.0719

#1	-.00009	264.29	-.00046	-.00037	.00244	-.06952	.00098	11.196
#2	.00000	270.70	-.00044	-.00028	.00199	-.09417	.00097	11.529

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	-.00072	73.598	.00531	.00897	13.765	.00299	.10618
Stddev	.00053	.00054	1.494	.00016	.00003	.192	.00009	.00490
%RSD	18.511	74.938	2.0295	2.9673	.34699	1.3982	3.1209	4.6126

#1	.00247	-.00111	72.542	.00520	.00894	13.628	.00292	.10964
#2	.00321	-.00034	74.654	.00542	.00899	13.901	.00305	.10271

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 177.94	8.5835	-.06484	-.00613	.01733	.0499	1.5382	2.8308
Stddev	2.89	.1334	.00164	.00233	.00001	.0001	.0257	.5464
%RSD	1.6246	1.5541	2.5230	37.985	.03949	.1914	1.6716	19.304

#1	179.99	8.4892	-.06600	-.00448	.01733	.0498	1.5201	3.2172
#2	175.90	8.6778	-.06368	-.00778	.01732	.0499	1.5564	2.4444

Sample Name: J5573-03LX5 Acquired: 10/18/2018 20:20:23 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5132
Stddev	.1414
%RSD	5.6245

#1	2.6131
#2	2.4132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.9	53890.	4488.3	112.59	3103.3
Stddev	30.9	529.	69.1	.89	49.7
%RSD	1.2999	.98117	1.5393	.79273	1.6013

#1	2352.1	53516.	4537.2	113.22	3068.1
#2	2395.7	54264.	4439.5	111.96	3138.4

Sample Name: J5573-03MS Acquired: 10/18/2018 20:24:26 Type: Unk
Method: P4-ICP2(v2507) 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	.78170	1.5219	.80379	1.9289	.73789	1.4298	.28737	.18022
Stddev	.00561	.0081	.00045	.0148	.00513	.0190	.00177	.00037
%RSD	.71711	.53073	.05659	.76951	.69521	1.3274	.61605	.20282
#1	.77774	1.5162	.80347	1.9394	.74151	1.4164	.28863	.17997
#2	.78567	1.5276	.80412	1.9184	.73426	1.4432	.28612	.18048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15952	1184.5	.31918	.16453	.26153	2.1706	.17112	52.981
Stddev	.00014	10.3	.00093	.00016	.00126	.0239	.00014	.023
%RSD	.08632	.86745	.29136	.09960	.48205	1.1032	.08340	.04384
#1	.15942	1177.3	.31984	.16441	.26242	2.1537	.17122	52.965
#2	.15961	1191.8	.31852	.16465	.26063	2.1876	.17102	52.998
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41795	.06274	346.84	.27994	.21225	74.388	.36992	.69117
Stddev	.00095	.00092	.58	.00408	.00337	.078	.00004	.00942
%RSD	.22701	1.4701	.16628	1.4586	1.5900	.10522	.00971	1.3628
#1	.41728	.06339	346.43	.28283	.20987	74.443	.36994	.68451
#2	.41862	.06209	347.25	.27705	.21464	74.332	.36989	.69783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 775.28	F 37.937	.29820	.14054	.27397	5.672	7.1227	7.9346
Stddev	.37	.211	.00045	.00173	.00226	.005	.0214	.4900
%RSD	.04715	.55624	.14971	1.2321	.82643	.0831	.29975	6.1759
#1	775.02	38.086	.29788	.14176	.27237	5.676	7.1076	7.5881
#2	775.53	37.788	.29851	.13931	.27557	5.669	7.1378	8.2811

Sample Name: J5573-03MS Acquired: 10/18/2018 20:24:26 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.8777
Stddev	.5185
%RSD	5.8407

#1	8.5111
#2	9.2444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.9	48638.	4318.5	103.86	2702.7
Stddev	7.4	10.	17.2	1.26	4.5
%RSD	.34646	.02009	.39874	1.2120	.16562

#1	2143.6	48632.	4306.3	104.75	2699.5
#2	2154.2	48645.	4330.6	102.97	2705.8

Sample Name: J5573-03MSD Acquired: 10/18/2018 20:28:32 Type: Unk
Method: P4-ICP2(v2507) 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	.78113	1.5214	.80529	1.9222	.73959	1.4408	.28411	.17991
Stddev	.00579	.0029	.00137	.0014	.00790	.0009	.00001	.00014
%RSD	.74152	.18914	.16988	.07510	1.0683	.06066	.00279	.07602
#1	.77704	1.5194	.80432	1.9212	.73400	1.4414	.28412	.17981
#2	.78523	1.5234	.80625	1.9232	.74517	1.4402	.28411	.18000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15906	1186.5	.31960	.16386	.26178	2.1721	.17132	52.859
Stddev	.00045	14.1	.00037	.00016	.00178	.0492	.00031	.088
%RSD	.27993	1.1909	.11532	.09829	.67915	2.2666	.18281	.16586
#1	.15874	1176.5	.31986	.16375	.26052	2.1373	.17154	52.797
#2	.15937	1196.4	.31934	.16398	.26303	2.2069	.17110	52.921
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41802	.06337	345.78	.27837	.21249	74.260	.36841	.69907
Stddev	.00153	.00064	.97	.00212	.00569	.105	.00120	.00312
%RSD	.36490	1.0073	.28149	.76332	2.6778	.14079	.32498	.44576
#1	.41694	.06382	345.09	.27988	.20846	74.186	.36756	.70127
#2	.41910	.06292	346.47	.27687	.21651	74.334	.36926	.69687
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 771.81	F 38.030	.29776	.14003	.27111	5.669	7.1280	8.1606
Stddev	1.24	.061	.00018	.00376	.00096	.008	.0797	.2347
%RSD	.16070	.15989	.05957	2.6881	.35528	.1391	1.1186	2.8755
#1	770.93	37.987	.29763	.14270	.27042	5.664	7.0716	8.3265
#2	772.69	38.073	.29788	.13737	.27179	5.675	7.1844	7.9947

Sample Name: J5573-03MSD Acquired: 10/18/2018 20:28:32 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.4263
Stddev	1.0619
%RSD	12.602

#1	9.1772
#2	7.6754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.7	48760.	4319.9	104.13	2717.0
Stddev	1.2	211.	11.8	2.20	5.3
%RSD	.05500	.43193	.27260	2.1117	.19387

#1	2158.9	48611.	4311.5	105.69	2713.3
#2	2160.5	48909.	4328.2	102.58	2720.7

Sample Name: CCV10 Acquired: 10/18/2018 20:32:40 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8829	4.9944	4.6996	4.9209	4.8612	9.3108	9.7969	.23749
Stddev	.0438	.0508	.0509	.0442	.0413	.0721	.2347	.00300
%RSD	.89748	1.0162	1.0837	.89799	.85041	.77425	2.3956	1.2636
#1	4.9139	5.0303	4.7356	4.9521	4.8904	9.2598	9.6309	.23537
#2	4.8519	4.9585	4.6636	4.8896	4.8320	9.3618	9.9628	.23961
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3063	25.218	1.0021	2.3294	1.2381	4.7921	2.3805	24.632
Stddev	.0262	.488	.0120	.0243	.0078	.1175	.0312	.562
%RSD	1.1366	1.9365	1.1989	1.0415	.62679	2.4526	1.3084	2.2809
#1	2.3249	24.873	.99362	2.3465	1.2436	4.7090	2.3585	24.235
#2	2.2878	25.564	1.0106	2.3122	1.2326	4.8752	2.4025	25.029
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3480	1.2665	23.904	2.3522	2.4819	24.824	4.8988	4.9408
Stddev	.0260	.0168	.619	.0286	.0481	.523	.0373	.1318
%RSD	1.1060	1.3288	2.5910	1.2174	1.9398	2.1062	.76106	2.6665
#1	2.3664	1.2546	23.466	2.3319	2.4479	24.454	4.9252	4.8477
#2	2.3297	1.2784	24.342	2.3724	2.5160	25.194	4.8724	5.0340
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5616	5.1017	4.6694	4.8550	4.8930	4.674	4.8665	F .62265
Stddev	.0616	.1082	.0698	.0967	.1140	.065	.0207	.27146
%RSD	1.3506	2.1214	1.4948	1.9926	2.3294	1.380	.42603	43.597
#1	4.6051	5.0252	4.7188	4.7866	4.8124	4.720	4.8812	.43070
#2	4.5180	5.1782	4.6201	4.9234	4.9736	4.628	4.8518	.81460

Sample Name: CCV10 Acquired: 10/18/2018 20:32:40 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14024 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7650
Stddev	.6983
%RSD	25.254

#1	3.2588
#2	2.2713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.0	57179.	4571.0	112.36	3342.1
Stddev	25.1	568.	84.0	2.01	40.0
%RSD	.98344	.99312	1.8374	1.7848	1.1965

#1	2537.2	57580.	4630.4	113.78	3313.8
#2	2572.7	56777.	4511.6	110.94	3370.3

Sample Name: CCB10 Acquired: 10/18/2018 20:36:28 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	.00284	-.00007	-.00155	-.00135	-.02268	-.00062
Stddev	.00225	.00085	.00009	.00305	.00056	.00100	.00058
%RSD	52.294	29.987	131.70	196.82	41.518	4.4132	93.984

#1	-.00271	.00344	-.00000	.00061	-.00096	-.02339	-.00104
#2	-.00589	.00224	-.00013	-.00371	-.00175	-.02197	-.00021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00010	.00713	.00053	.00010	.00080	-.00123
Stddev	.00004	.00000	.00666	.00058	.00000	.00012	.00047
%RSD	864.51	2.8107	93.369	109.33	2.6575	15.064	38.248

#1	.00002	.00010	.01184	.00094	.00010	.00089	-.00156
#2	-.00003	.00010	.00242	.00012	.00010	.00072	-.00089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.04175	.00188	-.00038	-.12821	.00026	-.00043
Stddev	.00002	.02432	.00023	.00000	.00308	.00017	.00002
%RSD	37.220	58.237	12.175	.28179	2.4007	65.327	4.4650

#1	-.00006	.02456	.00204	-.00038	-.12604	.00038	-.00042
#2	-.00004	.05895	.00172	-.00038	-.13039	.00014	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08108	.00146	.00227	F -.15092	.00268	.00004	-.00056
Stddev	.00025	.00016	.00525	.00104	.00047	.00007	.00058
%RSD	.31349	10.684	231.37	.68949	17.502	150.27	103.34

#1	.08126	.00157	-.00144	-.15165	.00235	.00009	-.00097
#2	.08090	.00135	.00598	-.15018	.00301	-.00000	-.00015

Sample Name: CCB10 Acquired: 10/18/2018 20:36:28 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14024 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.0024	.00001	F<.00000	F<.00000
Stddev	.00022	.0019	.00000	.23362	.14791
%RSD	16.167	78.86	30.648	10.065	182.35

#1	.00118	-.0010	.00001	-2.1560	-.18571
#2	.00148	-.0037	.00001	-2.4864	.02348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2646.8	59613.	4662.6	118.86	3700.3
Stddev	23.4	336.	47.0	.18	34.5
%RSD	.88398	.56376	1.0071	.15368	.93234

#1	2663.3	59375.	4695.8	118.99	3724.7
#2	2630.2	59850.	4629.4	118.73	3675.9

Sample Name: J5573-03A Acquired: 10/18/2018 20:40:34 Type: Unk
Method: P4-ICP2(v2507) 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	.78187	1.5199	.79652	1.9223	.73955	1.4786	.28207	.17978
Stddev	.00024	.0007	.00146	.0123	.00385	.0294	.00060	.00032
%RSD	.03108	.04456	.18306	.63764	.52002	1.9847	.21190	.17543

#1	.78170	1.5204	.79755	1.9136	.73683	1.4993	.28249	.18001
#2	.78204	1.5195	.79549	1.9309	.74227	1.4578	.28164	.17956

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15870	1150.5	.31863	.16344	.26048	2.1509	.17163	52.397
Stddev	.00057	10.7	.00017	.00138	.00019	.0806	.00016	.641
%RSD	.36076	.92607	.05255	.84330	.07307	3.7471	.09130	1.2225

#1	.15830	1143.0	.31875	.16247	.26035	2.0939	.17174	51.944
#2	.15911	1158.0	.31851	.16442	.26062	2.2079	.17151	52.850

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41562	.06312	332.40	.27713	.20340	72.649	.36766	.69593
Stddev	.00248	.00101	.72	.00171	.00692	.171	.00322	.00202
%RSD	.59644	1.6046	.21511	.61831	3.4036	.23545	.87615	.29000

#1	.41386	.06384	332.91	.27835	.19850	72.528	.36539	.69736
#2	.41737	.06241	331.90	.27592	.20829	72.770	.36994	.69450

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 770.65	F 37.256	.29400	.14169	.27227	5.666	7.0004	8.2458
Stddev	1.50	.012	.00107	.00316	.00121	.013	.0505	.0697
%RSD	.19452	.03340	.36424	2.2292	.44510	.2294	.72110	.84480

#1	769.59	37.265	.29324	.13946	.27141	5.657	6.9647	8.2951
#2	771.71	37.247	.29475	.14393	.27312	5.675	7.0361	8.1966

Sample Name: J5573-03A Acquired: 10/18/2018 20:40:34 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.0286
Stddev	1.0541
%RSD	13.130

#1	8.7740
#2	7.2832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.2	49070.	4474.0	109.02	2734.2
Stddev	1.5	149.	14.3	3.28	1.5
%RSD	.07013	.30374	.32044	3.0074	.05656

#1	2178.3	48964.	4463.9	111.34	2733.1
#2	2176.1	49175.	4484.2	106.70	2735.3

Sample Name: J5526-11 Acquired: 10/18/2018 20:44:41 Type: Unk
Method: P4-ICP2(v2507) 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	-.01109	-.00198	.00076	.00530	.00056	.19786	.26389	-.00005
Stddev	.00021	.00195	.00013	.00254	.00098	.01374	.00278	.00001
%RSD	1.8862	98.721	16.728	47.870	175.58	6.9441	1.0552	30.654

#1	-.01124	-.00336	.00085	.00351	.00125	.20757	.26586	-.00004
#2	-.01094	-.00060	.00067	.00709	-.00014	.18814	.26192	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	9.7737	.00066	.00121	.00182	.01257	.39989	2.2833
Stddev	.00002	.1275	.00019	.00007	.00000	.01178	.00026	.0284
%RSD	12.030	1.3040	28.819	5.4352	.22868	93.722	.06606	1.2421

#1	.00014	9.8638	.00079	.00117	.00181	.02089	.39970	2.3033
#2	.00017	9.6836	.00052	.00126	.00182	.00424	.40007	2.2632

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	-.00010	289.28	.00053	.10798	.51825	.00046	.04712
Stddev	.00090	.00064	4.18	.00061	.00055	.00556	.00007	.00258
%RSD	19.321	664.63	1.4460	116.43	.51173	1.0724	14.856	5.4835

#1	.00530	-.00055	292.24	.00009	.10759	.52217	.00041	.04895
#2	.00402	.00035	286.32	.00096	.10838	.51432	.00051	.04529

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12363	.63549	.00328	-.00010	.00235	.0021	.05077	2.1807
Stddev	.00139	.01009	.00116	.00047	.00010	.0002	.00091	.3432
%RSD	1.1230	1.5874	35.397	453.84	4.1056	10.54	1.7906	15.740

#1	.12461	.64263	.00410	.00023	.00228	.0022	.05141	2.4234
#2	.12265	.62836	.00246	-.00044	.00242	.0019	.05013	1.9380

Sample Name: J5526-11 Acquired: 10/18/2018 20:44:41 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0064
Stddev .1612
%RSD 16.013

#1 .89247
#2 1.1204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.2	54329.	4571.5	112.00	3225.6
Stddev	7.5	224.	73.8	.14	.8
%RSD	.30757	.41268	1.6148	.12627	.02485

#1	2431.9	54170.	4519.3	112.10	3226.2
#2	2442.5	54487.	4623.7	111.90	3225.0

Sample Name: J5526-13 Acquired: 10/18/2018 20:48:50 Type: Unk
Method: P4-ICP2(v2507) 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	-.00801	-.00161	.00035	.00330	-.00146	.02510	.28748	.00003
Stddev	.00428	.00091	.00040	.00301	.00225	.00497	.00070	.00007
%RSD	53.396	56.434	115.79	91.390	153.82	19.797	.24477	216.96

#1	-.01103	-.00097	.00063	.00543	-.00306	.02861	.28698	.00008
#2	-.00498	-.00226	.00006	.00117	.00013	.02158	.28798	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	13.249	.00088	-.00037	.00232	.00164	.08297	3.6931
Stddev	.00004	.062	.00001	.00000	.00050	.00569	.00154	.0435
%RSD	13.342	.46423	1.1544	.00542	21.719	346.47	1.8513	1.1766

#1	.00024	13.293	.00087	-.00037	.00196	.00567	.08189	3.7238
#2	.00029	13.206	.00089	-.00037	.00268	-.00238	.08406	3.6623

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00031	245.06	.00060	.08774	.72646	.00052	.04212
Stddev	.00003	.00004	3.57	.00021	.00162	.02753	.00020	.00543
%RSD	1.2133	13.283	1.4574	34.032	1.8486	3.7900	38.513	12.888

#1	.00280	-.00034	242.53	.00075	.08660	.74593	.00066	.04596
#2	.00275	-.00028	247.58	.00046	.08889	.70699	.00038	.03828

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04960	.50957	.00385	-.00013	.00223	.0063	.05197	1.9071
Stddev	.00560	.01149	.00153	.00094	.00034	.0008	.00021	.9218
%RSD	11.293	2.2539	39.663	733.02	15.330	12.90	.39754	48.333

#1	.04564	.50145	.00493	.00054	.00247	.0057	.05212	1.2553
#2	.05356	.51769	.00277	-.00079	.00199	.0068	.05183	2.5589

Sample Name: J5526-13 Acquired: 10/18/2018 20:48:50 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0568
 Stddev .1474
 %RSD 13.945

#1 1.1610
 #2 .95263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.7	53858.	4623.6	116.57	3231.5
Stddev	11.6	517.	60.3	1.61	8.2
%RSD	.47522	.95998	1.3032	1.3851	.25521

#1	2426.5	54223.	4666.2	117.71	3225.7
#2	2442.9	53492.	4581.0	115.43	3237.3

Sample Name: J5526-15 Acquired: 10/18/2018 20:52:59 Type: Unk
Method: P4-ICP2(v2507) 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	-.01059	-.00302	.00323	.00007	.00004	.03052	.31509	-.00001
Stddev	.00138	.00011	.00078	.00004	.00035	.00302	.00000	.00002
%RSD	13.008	3.6259	24.117	58.835	848.36	9.9030	.00070	219.07

#1	-.01157	-.00294	.00378	.00004	-.00021	.03266	.31508	.00000
#2	-.00962	-.00310	.00268	.00010	.00029	.02839	.31509	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	9.7329	-.00005	-.00031	.00123	.00239	.05219	2.1946
Stddev	.00008	.0323	.00047	.00014	.00014	.00071	.00008	.0035
%RSD	29.095	.33158	993.99	45.684	11.585	29.823	.15210	.16001

#1	.00021	9.7101	-.00038	-.00021	.00113	.00189	.05214	2.1921
#2	.00032	9.7557	.00029	-.00041	.00133	.00289	.05225	2.1971

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	-.00013	255.98	.00030	.08786	.72468	.00031	.03787
Stddev	.00030	.00010	2.27	.00051	.00063	.00669	.00021	.00062
%RSD	8.5758	77.984	.88757	168.24	.71307	.92310	66.546	1.6384

#1	.00368	-.00020	254.37	-.00006	.08741	.72941	.00016	.03831
#2	.00326	-.00006	257.58	.00066	.08830	.71995	.00046	.03743

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07434	.51284	.00381	-.00131	.00259	.0032	.05238	1.2066
Stddev	.00009	.00360	.00044	.00008	.00118	.0012	.00008	.2248
%RSD	.11627	.70208	11.516	5.8890	45.553	37.29	.15287	18.629

#1	.07428	.51029	.00350	-.00125	.00176	.0041	.05244	1.0477
#2	.07440	.51539	.00412	-.00136	.00343	.0024	.05233	1.3655

Sample Name: J5526-15 Acquired: 10/18/2018 20:52:59 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1896
 Stddev .1827
 %RSD 15.356

#1 1.0604
 #2 1.3188

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.2	54496.	4645.7	114.70	3235.0
Stddev	11.1	71.	2.4	.41	16.5
%RSD	.45563	.12961	.05175	.35962	.51018

#1	2425.4	54546.	4647.4	114.99	3223.3
#2	2441.0	54447.	4644.0	114.41	3246.6

Sample Name: J5526-23 Acquired: 10/18/2018 20:57:08 Type: Unk
Method: P4-ICP2(v2507) 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	-.00971	-.00062	-.00031	.00376	-.00160	.01594	.28995	-.00011
Stddev	.00266	.00004	.00067	.00204	.00066	.00327	.00117	.00003
%RSD	27.433	6.7334	218.11	54.194	41.041	20.504	.40249	29.183

#1	-.00782	-.00065	.00017	.00519	-.00114	.01363	.29078	-.00009
#2	-.01159	-.00059	-.00078	.00232	-.00207	.01825	.28913	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	16.448	.00040	-.00053	.00135	-.00118	.04210	1.9920
Stddev	.00004	.142	.00002	.00024	.00006	.00169	.00004	.0491
%RSD	39.916	.86062	5.3853	44.547	4.3053	143.31	.09877	2.4640

#1	.00008	16.548	.00042	-.00036	.00139	-.00238	.04208	1.9573
#2	.00014	16.348	.00039	-.00070	.00130	.00002	.04213	2.0267

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	-.00039	227.57	.00034	.08800	.53116	.00018	.04183
Stddev	.00024	.00031	.99	.00044	.00131	.04057	.00015	.00070
%RSD	9.7710	79.009	.43584	129.34	1.4906	7.6386	84.611	1.6715

#1	.00226	-.00060	228.27	.00066	.08708	.50247	.00029	.04233
#2	.00259	-.00017	226.87	.00003	.08893	.55985	.00007	.04134

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02578	.47605	.00984	-.00196	.00278	.0025	.04260	.90521
Stddev	.00019	.00187	.00022	.00212	.00104	.0010	.00047	.18527
%RSD	.74171	.39333	2.2754	108.65	37.234	39.05	1.1007	20.467

#1	.02565	.47738	.01000	-.00045	.00352	.0032	.04293	1.0362
#2	.02592	.47473	.00968	-.00346	.00205	.0018	.04227	.77420

Sample Name: J5526-23 Acquired: 10/18/2018 20:57:08 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2443
Stddev .3042
%RSD 24.448

#1 1.0292
#2 1.4594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2440.0	54738.	4622.4	115.66	3249.0
Stddev	11.5	239.	11.3	1.13	20.1
%RSD	.47089	.43654	.24483	.97307	.62007

#1	2431.9	54569.	4614.4	116.46	3234.8
#2	2448.1	54907.	4630.4	114.87	3263.3

Sample Name: J5526-25 Acquired: 10/18/2018 21:01:17 Type: Unk
Method: P4-ICP2(v2507) 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	-.00591	-.00197	.00213	.00336	-.00146	.01403	.24416	-.00011
Stddev	.00122	.00072	.00077	.00376	.00000	.02130	.00047	.00002
%RSD	20.660	36.279	35.960	111.87	.21178	151.89	.19110	21.480

#1	-.00505	-.00147	.00159	.00601	-.00146	-.00104	.24449	-.00013
#2	-.00677	-.00248	.00267	.00070	-.00146	.02909	.24383	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	34.174	-.00002	-.00003	.00225	-.00613	.13073	7.5807
Stddev	.00007	.396	.00007	.00012	.00049	.00422	.00069	.0433
%RSD	22.902	1.1586	391.49	367.65	21.606	68.849	.52572	.57112

#1	.00035	33.894	-.00007	-.00012	.00191	-.00912	.13024	7.5501
#2	.00025	34.454	.00003	.00005	.00259	-.00315	.13122	7.6113

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.00004	252.13	.00094	.08779	.79114	.00023	.02239
Stddev	.00053	.00009	.27	.00022	.00126	.00550	.00015	.00945
%RSD	23.077	231.61	.10617	23.472	1.4382	.69470	63.900	42.200

#1	.00267	-.00003	251.94	.00078	.08690	.78725	.00033	.01571
#2	.00192	.00010	252.32	.00109	.08869	.79502	.00013	.02907

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12341	.53922	.01117	.00016	.00146	.0660	.05612	1.0937
Stddev	.00789	.00509	.00128	.00111	.00060	.0010	.00045	.2070
%RSD	6.3901	.94478	11.462	685.67	41.436	1.460	.80424	18.926

#1	.12898	.53562	.01208	.00095	.00103	.0654	.05580	.94732
#2	.11783	.54283	.01027	-.00062	.00188	.0667	.05644	1.2400

Sample Name: J5526-25 Acquired: 10/18/2018 21:01:17 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8177
Stddev	.0281
%RSD	1.5478

#1	1.8376
#2	1.7978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.2	55186.	4684.1	115.62	3292.8
Stddev	10.2	2.	12.7	1.92	14.9
%RSD	.40615	.00411	.27111	1.6615	.45126

#1	2494.1	55184.	4693.1	116.98	3282.3
#2	2508.4	55187.	4675.1	114.26	3303.3

Sample Name: J5526-25DUP Acquired: 10/18/2018 21:05:26 Type: Unk
Method: P4-ICP2(v2507) 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	-.00639	-.00008	.00306	.00481	-.00121	.03185	.24815	-.00012
Stddev	.00452	.00122	.00063	.00220	.00013	.00914	.00130	.00001
%RSD	70.729	1628.5	20.690	45.806	10.668	28.690	.52505	7.2591

#1	-.00320	.00079	.00351	.00637	-.00111	.03831	.24907	-.00011
#2	-.00959	-.00094	.00261	.00325	-.00130	.02539	.24723	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	34.808	.00011	-.00006	.00200	-.00955	.13258	7.5948
Stddev	.00006	.109	.00027	.00019	.00007	.00595	.00120	.0587
%RSD	18.283	.31196	249.15	320.01	3.5591	62.325	.90671	.77351

#1	.00027	34.731	.00030	.00007	.00195	-.00534	.13173	7.6363
#2	.00036	34.884	-.00008	-.00019	.00205	-.01376	.13343	7.5533

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	-.00030	254.94	.00022	.08773	.82844	.00030	.03946
Stddev	.00027	.00039	3.37	.00036	.00074	.03225	.00006	.00217
%RSD	11.694	131.47	1.3228	163.34	.84000	3.8926	19.118	5.4970

#1	.00214	-.00058	257.32	-.00003	.08825	.85124	.00026	.04099
#2	.00252	-.00002	252.56	.00047	.08721	.80564	.00034	.03793

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12743	.55055	.01211	-.00054	.00169	.0678	.05737	1.0416
Stddev	.00415	.00490	.00011	.00092	.00027	.0002	.00006	.6320
%RSD	3.2585	.88953	.87914	170.73	16.159	.3440	.11209	60.677

#1	.13037	.54709	.01203	-.00119	.00149	.0676	.05742	1.4885
#2	.12450	.55401	.01218	.00011	.00188	.0679	.05733	.59470

Sample Name: J5526-25DUP Acquired: 10/18/2018 21:05:26 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8158
Stddev .2926
%RSD 16.113

#1 1.6089
#2 2.0227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.0	54720.	4645.7	115.46	3245.0
Stddev	12.9	106.	23.4	1.80	23.0
%RSD	.52471	.19346	.50339	1.5565	.70811

#1	2455.8	54645.	4629.1	114.19	3228.8
#2	2474.1	54795.	4662.2	116.73	3261.3

Sample Name: J5526-25LX5 Acquired: 10/18/2018 21:09:35 Type: Unk
Method: P4-ICP2(v2507) 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	-.00788	.00131	.00029	.00004	-.00220	-.01355	.04954	-.00005
Stddev	.00041	.00003	.00198	.00203	.00008	.00541	.00021	.00009
%RSD	5.1438	2.1183	694.24	5114.9	3.7551	39.933	.42830	183.48

#1	-.00816	.00133	.00169	-.00139	-.00214	-.00972	.04969	.00001
#2	-.00759	.00129	-.00112	.00147	-.00226	-.01737	.04939	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	7.1469	.00206	.00003	.00104	.00733	.02789	1.6633
Stddev	.00006	.1298	.00039	.00016	.00051	.00058	.00008	.0491
%RSD	47.182	1.8167	18.916	490.60	48.833	7.8948	.30453	2.9547

#1	.00008	7.0551	.00234	-.00008	.00068	.00692	.02783	1.6286
#2	.00017	7.2387	.00179	.00014	.00140	.00774	.02795	1.6981

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	.00018	53.071	.00053	.01844	.24189	.00009	.01293
Stddev	.00007	.00004	.235	.00016	.00002	.03076	.00019	.00116
%RSD	2.0103	23.299	.44339	29.193	.12325	12.716	218.09	8.9495

#1	.00338	.00015	53.238	.00065	.01846	.22014	-.00005	.01375
#2	.00328	.00021	52.905	.00042	.01843	.26364	.00022	.01211

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09740	.12077	.00352	.00073	.00204	.0136	.01173	<.00000
Stddev	.00304	.00100	.00085	.00312	.00085	.0004	.00006	.31952
%RSD	3.1248	.82823	24.056	424.86	41.753	2.590	.48985	24.498

#1	-.09956	.12147	.00292	-.00147	.00264	.0139	.01169	-1.0784
#2	-.09525	.12006	.00412	.00294	.00144	.0134	.01177	-1.5302

Sample Name: J5526-25LX5 Acquired: 10/18/2018 21:09:35 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .10620
Stddev .21297
%RSD 200.54

#1 .25680
#2 -.04439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.5	57201.	4638.5	117.37	3484.2
Stddev	9.5	138.	20.9	.61	7.3
%RSD	.36869	.24211	.45135	.51670	.20839

#1	2560.8	57103.	4623.7	116.94	3479.1
#2	2574.2	57299.	4653.3	117.80	3489.3

Sample Name: J5526-25MS Acquired: 10/18/2018 21:13:40 Type: Unk
Method: P4-ICP2(v2507) 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	.79287	1.8655	.93795	2.0257	.80869	2.0224	.45385	.19889	.18917
Stddev	.00017	.0024	.00310	.0012	.00194	.0196	.00044	.00047	.00007
%RSD	.02174	.13018	.33075	.06116	.23959	.96721	.09759	.23748	.03861

#1	.79300	1.8673	.94014	2.0266	.80732	2.0085	.45354	.19856	.18922
#2	.79275	1.8638	.93575	2.0249	.81006	2.0362	.45416	.19923	.18912

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.324	.39507	.19414	.30253	2.9552	.32824	9.6637	.48844	.06911
Stddev	.067	.00164	.00050	.00031	.0255	.00058	.0836	.00059	.00179
%RSD	.19039	.41456	.25531	.10128	.86315	.17604	.86480	.12174	2.5884

#1	35.276	.39391	.19449	.30275	2.9732	.32865	9.6046	.48886	.06785
#2	35.371	.39623	.19379	.30232	2.9371	.32784	9.7228	.48802	.07038

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	258.96	.30527	.28436	11.440	.42365	.33808	.11669	1.4988	.69013
Stddev	3.25	.00216	.00253	.038	.00148	.01904	.00541	.0126	.00144
%RSD	1.2555	.70844	.88999	.32988	.34862	5.6323	4.6361	.83962	.20869

#1	261.26	.30374	.28615	11.467	.42470	.35155	.12052	1.5077	.69115
#2	256.66	.30680	.28257	11.414	.42261	.32462	.11286	1.4899	.68911

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20405	.21377	5.825	.26077	1.1678	.44518
Stddev	.00008	.00000	.003	.00070	.2580	.18452
%RSD	.03710	.00076	.0523	.26990	22.096	41.449

#1	.20410	.21377	5.823	.26027	1.3502	.31471
#2	.20399	.21377	5.827	.26126	.98530	.57566

Sample Name: J5526-25MS Acquired: 10/18/2018 21:13:40 Type: Unk
Method: P4-ICP2(v2507) 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	2462.8	54908.	4577.7	113.97	3216.1
Stddev	8.4	15.	29.1	1.53	11.3
%RSD	.33935	.02705	.63620	1.3465	.35112
#1	2456.8	54897.	4557.1	112.88	3208.1
#2	2468.7	54918.	4598.3	115.06	3224.1

Sample Name: J5526-25MSD Acquired: 10/18/2018 21:17:38 Type: Unk
Method: P4-ICP2(v2507) 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	.78942	1.8441	.93307	2.0137	.80004	2.0452	.45214	.19992	.18834
Stddev	.00011	.0024	.00043	.0048	.00493	.0029	.00036	.00155	.00000
%RSD	.01423	.12853	.04633	.23765	.61620	.14379	.08021	.77544	.00162

#1	.78934	1.8458	.93338	2.0103	.79656	2.0473	.45240	.20102	.18834
#2	.78950	1.8424	.93277	2.0170	.80353	2.0431	.45188	.19883	.18834

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.139	.39441	.19243	.30031	2.9699	.32844	9.5479	.48455	.06949
Stddev	.421	.00562	.00008	.00120	.0025	.00241	.1072	.00055	.00028
%RSD	1.1992	1.4260	.04177	.39969	.08439	.73430	1.1228	.11390	.40502

#1	34.842	.39839	.19248	.29946	2.9717	.33014	9.4721	.48416	.06929
#2	35.437	.39044	.19237	.30116	2.9682	.32673	9.6237	.48494	.06969

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	254.17	.30550	.28304	11.404	.41944	.34259	.11376	1.4858	.68477
Stddev	2.25	.00135	.00173	.036	.00092	.00376	.00369	.0045	.00088
%RSD	.88462	.44190	.61159	.31362	.22026	1.0964	3.2421	.30051	.12823

#1	255.76	.30646	.28426	11.379	.41879	.34525	.11115	1.4890	.68415
#2	252.58	.30455	.28181	11.430	.42009	.33994	.11636	1.4827	.68539

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20285	.21293	5.774	.25765	1.1429	.03205
Stddev	.00174	.00227	.013	.00005	.8784	.15406
%RSD	.85943	1.0676	.2222	.02039	76.852	480.65

#1	.20409	.21132	5.783	.25769	1.7641	-.07689
#2	.20162	.21454	5.765	.25761	.52184	.14099

Sample Name: J5526-25MSD Acquired: 10/18/2018 21:17:38 Type: Unk
Method: P4-ICP2(v2507) 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	2484.2	55041.	4640.0	114.61	3240.4
Stddev	10.9	712.	27.0	1.30	17.9
%RSD	.43678	1.2928	.58232	1.1324	.55374
#1	2476.5	54538.	4620.9	113.69	3227.7
#2	2491.8	55544.	4659.1	115.53	3253.1

Sample Name: CCV11 Acquired: 10/18/2018 21:21:36 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8999	5.0622	4.7210	4.9316	4.8893	9.3742	9.6480
Stddev	.0148	.0045	.0089	.0158	.0129	.0209	.0136
%RSD	.30129	.08917	.18896	.32082	.26430	.22290	.14046

#1	4.8894	5.0654	4.7273	4.9428	4.8984	9.3890	9.6575
#2	4.9103	5.0591	4.7147	4.9204	4.8801	9.3594	9.6384

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23954	2.3222	24.835	1.0167	2.3424	1.2401	4.7114
Stddev	.00022	.0010	.057	.0033	.0021	.0018	.0067
%RSD	.09149	.04221	.23023	.32514	.08785	.14302	.14315

#1	.23939	2.3215	24.795	1.0143	2.3409	1.2413	4.7162
#2	.23970	2.3229	24.876	1.0190	2.3438	1.2388	4.7066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4015	24.229	2.3581	1.2815	23.727	2.3698	2.4197
Stddev	.0015	.185	.0008	.0023	.005	.0010	.0268
%RSD	.06252	.76474	.03619	.18175	.02144	.04285	1.1081

#1	2.4004	24.098	2.3575	1.2798	23.723	2.3705	2.4008
#2	2.4025	24.360	2.3587	1.2831	23.730	2.3691	2.4387

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.358	4.9102	4.8376	4.5752	5.0168	4.6999	4.7906
Stddev	.007	.0022	.0112	.0084	.0585	.0034	.0152
%RSD	.03003	.04374	.23238	.18277	1.1667	.07254	.31666

#1	24.363	4.9086	4.8297	4.5693	4.9755	4.6975	4.8013
#2	24.353	4.9117	4.8456	4.5811	5.0582	4.7023	4.7798

Sample Name: CCV11 Acquired: 10/18/2018 21:21:36 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8404	4.724	4.8639	F<.00000	F 2.3445
Stddev	.0010	.005	.0224	.13164	.7385
%RSD	.02022	.1003	.46084	174.53	31.499

#1	4.8411	4.727	4.8480	.01766	2.8667
#2	4.8397	4.721	4.8797	-.16851	1.8223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.3	57186.	4654.6	115.79	3329.5
Stddev	13.4	44.	22.6	.78	12.8
%RSD	.52483	.07672	.48475	.67003	.38518

#1	2543.8	57155.	4670.5	116.34	3320.5
#2	2562.8	57217.	4638.6	115.24	3338.6

Sample Name: CCB11 Acquired: 10/18/2018 21:25:21 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00424	.00195	-.00110	.00129	-.00076	-.02102	-.00107
Stddev	.00239	.00112	.00024	.00106	.00078	.00000	.00053
%RSD	56.462	57.296	21.565	82.127	102.77	.02182	50.047

#1	-.00593	.00274	-.00093	.00054	-.00021	-.02101	-.00145
#2	-.00255	.00116	-.00127	.00204	-.00131	-.02102	-.00069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00016	.00955	.00002	-.00010	.00055	-.00340
Stddev	.00007	.00002	.00855	.00008	.00005	.00002	.01137
%RSD	253.38	10.115	89.507	460.91	53.178	3.1834	333.81

#1	.00002	.00017	.01560	.00008	-.00014	.00056	-.01144
#2	-.00008	.00014	.00351	-.00004	-.00006	.00053	.00463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03303	.00225	-.00016	-.10408	.00015	-.00082
Stddev	.00007	.01159	.00039	.00028	.00088	.00011	.00002
%RSD	147.33	35.084	17.364	175.46	.84351	73.514	2.8909

#1	.00009	.02484	.00198	-.00036	-.10346	.00007	-.00084
#2	-.00000	.04123	.00253	.00004	-.10470	.00023	-.00080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08560	.00136	.00365	F -.15582	.00064	.00094	-.00079
Stddev	.02780	.00003	.00416	.00203	.00020	.00098	.00037
%RSD	32.479	2.5314	113.80	1.3046	30.790	103.57	46.688

#1	.06594	.00134	.00659	-.15438	.00050	.00164	-.00053
#2	.10526	.00139	.00071	-.15726	.00078	.00025	-.00106

Sample Name: CCB11 Acquired: 10/18/2018 21:25:21 Type: Unk
Method: P4-ICP2(v2507) 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	.00012	-.0039	-.00004	F<.00000	F .14246
Stddev	.00047	.0014	.00002	.35289	.80070
%RSD	374.11	35.28	43.440	9.0606	562.04

#1	-.00020	-.0029	-.00006	-3.6452	-.42372
#2	.00045	-.0048	-.00003	-4.1443	.70864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.5	59574.	4676.3	118.60	3728.5
Stddev	17.3	219.	63.1	.55	28.8
%RSD	.64923	.36778	1.3487	.46703	.77289

#1	2657.2	59420.	4720.9	118.99	3708.1
#2	2681.7	59729.	4631.7	118.21	3748.8

Sample Name: J5526-25A Acquired: 10/18/2018 21:29:27 Type: Unk
Method: P4-ICP2(v2507) 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	.78486	1.8697	.94045	2.0113	.80161	2.0295	.45246	.19984	.18964
Stddev	.00360	.0081	.00367	.0014	.00165	.0219	.00321	.00029	.00026
%RSD	.45830	.43454	.39023	.06840	.20578	1.0794	.70892	.14598	.13778

#1	.78740	1.8754	.93786	2.0123	.80277	2.0140	.45473	.19963	.18946
#2	.78231	1.8639	.94305	2.0104	.80044	2.0450	.45019	.20004	.18983

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.298	.39427	.19358	.30203	2.9271	.32893	9.6610	.48650	.07003
Stddev	.061	.00087	.00039	.00055	.0271	.00078	.0532	.00052	.00007
%RSD	.17398	.22125	.19941	.18347	.92652	.23640	.55060	.10619	.09478

#1	35.255	.39366	.19331	.30242	2.9463	.32838	9.6986	.48613	.07008
#2	35.342	.39489	.19385	.30164	2.9080	.32948	9.6233	.48687	.06998

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	255.24	.30632	.27802	11.353	.42075	.33627	.11518	1.4949	.69177
Stddev	2.40	.00041	.00453	.000	.00026	.00219	.00139	.0007	.00228
%RSD	.93961	.13389	1.6301	.00062	.06293	.65087	1.2095	.04496	.33022

#1	256.94	.30661	.28123	11.353	.42094	.33473	.11617	1.4954	.69015
#2	253.55	.30603	.27482	11.353	.42056	.33782	.11420	1.4944	.69338

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20603	.21332	5.833	.25958	.65898	.18435
Stddev	.00124	.00014	.016	.00008	.16380	.35181
%RSD	.60407	.06790	.2769	.03120	24.857	190.83

#1	.20691	.21342	5.821	.25952	.54315	.43312
#2	.20515	.21321	5.844	.25963	.77480	-.06441

Sample Name: J5526-25A Acquired: 10/18/2018 21:29:27 Type: Unk
 Method: P4-ICP2(v2507) 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	2473.9	55045.	4596.1	116.54	3215.0
Stddev	2.5	29.	39.0	2.05	1.2
%RSD	.09927	.05301	.84923	1.7572	.03663
#1	2472.1	55066.	4568.5	115.10	3215.8
#2	2475.6	55024.	4623.7	117.99	3214.2

Sample Name: J5546-02 Acquired: 10/18/2018 21:33:25 Type: Unk
Method: P4-ICP2(v2507) 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	-.00845	.00153	-.00051	.00082	-.00096	-.01003	.04437	-.00007
Stddev	.00165	.00102	.00098	.00269	.00051	.01283	.00047	.00001
%RSD	19.550	66.517	193.32	327.43	53.473	127.93	1.0610	13.339

#1	-.00728	.00081	-.00120	-.00108	-.00060	-.00096	.04470	-.00008
#2	-.00962	.00225	.00019	.00272	-.00132	-.01910	.04404	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	6.0881	.00032	-.00009	.00115	.06344	.03864	1.1124
Stddev	.00002	.0197	.00029	.00015	.00020	.00219	.00021	.0031
%RSD	23.209	.32340	89.280	159.03	17.346	3.4488	.55312	.27804

#1	.00009	6.1020	.00053	-.00020	.00101	.06498	.03849	1.1146
#2	.00012	6.0742	.00012	.00001	.00129	.06189	.03880	1.1102

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	.00013	40.309	.00039	.01443	2.4405	.00166	.02120
Stddev	.00002	.00049	.456	.00027	.00026	.0586	.00015	.00247
%RSD	.62403	392.25	1.1321	69.548	1.7989	2.4005	9.2768	11.655

#1	.00349	.00047	40.631	.00020	.01425	2.4820	.00155	.02295
#2	.00352	-.00022	39.986	.00059	.01462	2.3991	.00176	.01946

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40546	1.0556	.00131	.00022	.00343	.0009	.03946	<.00000
Stddev	.00025	.0140	.00048	.00180	.00087	.0021	.00083	.18074
%RSD	.06193	1.3229	36.716	824.17	25.433	223.8	2.1092	9.0242

#1	.40563	1.0457	.00165	.00149	.00404	-.0005	.04004	-1.8751
#2	.40528	1.0655	.00097	-.00105	.00281	.0024	.03887	-2.1307

Sample Name: J5546-02 Acquired: 10/18/2018 21:33:25 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .73800
Stddev .54393
%RSD 73.702

#1 .35339
#2 1.1226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.9	57918.	4608.9	117.76	3559.7
Stddev	11.1	180.	6.1	.95	8.3
%RSD	.42307	.31123	.13141	.81078	.23268

#1	2615.0	57790.	4613.2	118.44	3553.9
#2	2630.7	58045.	4604.6	117.09	3565.6

Sample Name: J5546-02DUP Acquired: 10/18/2018 21:37:28 Type: Unk
Method: P4-ICP2(v2507) 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	-.00503	.00168	-.00061	.00204	-.00188	-.00526	.04403	.00006
Stddev	.00160	.00040	.00043	.00003	.00083	.00287	.00031	.00016
%RSD	31.805	23.481	71.693	1.6343	44.109	54.540	.71430	256.55

#1	-.00616	.00196	-.00030	.00206	-.00247	-.00729	.04381	.00017
#2	-.00390	.00140	-.00091	.00201	-.00130	-.00323	.04426	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	6.0015	-.00003	-.00015	.00122	.06214	.03972	1.0824
Stddev	.00004	.0391	.00021	.00001	.00003	.00154	.00113	.0079
%RSD	50.640	.65236	646.34	4.8672	2.2851	2.4771	2.8536	.72801

#1	.00005	6.0292	-.00018	-.00016	.00124	.06323	.04052	1.0880
#2	.00011	5.9738	.00012	-.00015	.00120	.06105	.03892	1.0768

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	-.00031	39.614	.00047	.01423	2.4041	.00189	.01994
Stddev	.00030	.00004	.312	.00011	.00021	.0401	.00016	.01147
%RSD	10.325	13.762	.78666	22.443	1.4882	1.6669	8.3012	57.510

#1	.00266	-.00028	39.835	.00040	.01438	2.4324	.00178	.02804
#2	.00308	-.00034	39.394	.00055	.01408	2.3758	.00200	.01183

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40020	1.0543	.00112	-.00143	.00212	.0035	.03887	<.00000
Stddev	.00187	.0176	.00030	.00066	.00099	.0022	.00010	.78979
%RSD	.46682	1.6663	26.562	45.862	46.530	62.29	.26717	84.282

#1	.40153	1.0668	.00091	-.00190	.00142	.0050	.03894	-.37862
#2	.39888	1.0419	.00133	-.00097	.00282	.0019	.03879	-1.4956

Sample Name: J5546-02DUP Acquired: 10/18/2018 21:37:28 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62408
 Stddev .43107
 %RSD 69.073

#1 .31927
 #2 .92890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.8	56734.	4673.6	117.31	3544.0
Stddev	1.4	1290.	23.9	.07	3.0
%RSD	.05251	2.2734	.51047	.05925	.08595

#1	2616.9	55822.	4656.7	117.36	3546.1
#2	2618.8	57646.	4690.5	117.26	3541.8

Sample Name: J5546-02LX5 Acquired: 10/18/2018 21:41:32 Type: Unk
Method: P4-ICP2(v2507) 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	-.00765	.00199	-.00091	-.00279	-.00132	-.02089	.01545	-.00003
Stddev	.00207	.00020	.00071	.00121	.00076	.00008	.00043	.00007
%RSD	27.065	9.8716	78.146	43.320	57.061	.39855	2.7929	245.16

#1	-.00619	.00185	-.00142	-.00365	-.00186	-.02083	.01515	.00002
#2	-.00911	.00213	-.00041	-.00194	-.00079	-.02095	.01576	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	2.2347	.00034	-.00010	.00040	.01950	.01432	.41709
Stddev	.00007	.0057	.00028	.00020	.00020	.00246	.00007	.01207
%RSD	50.139	.25594	83.927	203.58	50.477	12.610	.52083	2.8935

#1	.00018	2.2387	.00014	.00004	.00055	.02124	.01437	.42563
#2	.00009	2.2307	.00054	-.00024	.00026	.01776	.01426	.40856

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	-.00012	14.558	.00052	.00519	.92619	.00096	.01177
Stddev	.00052	.00011	.205	.00022	.00081	.00573	.00004	.00299
%RSD	20.727	92.468	1.4083	42.127	15.528	.61881	4.1283	25.381

#1	.00290	-.00020	14.413	.00036	.00462	.92214	.00099	.00965
#2	.00216	-.00004	14.703	.00067	.00576	.93024	.00093	.01388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04493	.39447	.00052	.00021	.00227	-.0003	.01414	<.00000
Stddev	.00222	.00558	.00076	.00015	.00081	.0010	.00017	.29938
%RSD	4.9390	1.4145	146.94	71.713	35.916	406.3	1.2293	8.4204

#1	.04650	.39841	-.00002	.00010	.00284	-.0010	.01426	-3.7671
#2	.04336	.39052	.00106	.00032	.00169	.0005	.01401	-3.3437

Sample Name: J5546-02LX5 Acquired: 10/18/2018 21:41:32 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .13527
Stddev .03098
%RSD 22.900

#1 .11336
#2 .15717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2620.8	58269.	4659.6	117.89	3594.6
Stddev	.4	28.	53.8	2.35	4.4
%RSD	.01540	.04825	1.1538	1.9908	.12325

#1	2620.5	58288.	4697.6	119.55	3591.5
#2	2621.1	58249.	4621.6	116.24	3597.7

Sample Name: J5546-02MS Acquired: 10/18/2018 21:45:37 Type: Unk
Method: P4-ICP2(v2507) 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	.75953	1.8976	.92365	1.9636	.76456	1.8238	.25050	.19326
Stddev	.00350	.0042	.00169	.0046	.00186	.0108	.00053	.00005
%RSD	.46058	.22306	.18335	.23216	.24290	.59042	.21067	.02599

#1	.76201	1.8946	.92245	1.9668	.76587	1.8162	.25088	.19330
#2	.75706	1.9006	.92484	1.9604	.76325	1.8315	.25013	.19323

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18439	7.9307	.38332	.18686	.30009	2.9874	.24411	3.2265
Stddev	.00025	.0789	.00165	.00015	.00025	.0486	.00020	.0420
%RSD	.13333	.99508	.42927	.07762	.08286	1.6267	.08053	1.3027

#1	.18421	7.8749	.38216	.18676	.29992	2.9531	.24425	3.2562
#2	.18456	7.9865	.38448	.18697	.30027	3.0218	.24397	3.1968

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47439	.06743	49.816	.28922	.21841	12.671	.39570	.31307
Stddev	.00080	.00088	.512	.00106	.00599	.038	.00180	.00221
%RSD	.16775	1.3013	1.0282	.36539	2.7410	.29725	.45583	.70524

#1	.47495	.06805	49.454	.28847	.21418	12.644	.39698	.31151
#2	.47383	.06681	50.179	.28996	.22265	12.697	.39443	.31463

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51705	2.1596	.65593	.19646	.19974	5.388	.23703	<.00000
Stddev	.00012	.0029	.00121	.00002	.00036	.002	.00213	.50030
%RSD	.02349	.13594	.18516	.00955	.18104	.0362	.89996	14.562

#1	.51713	2.1575	.65679	.19648	.19948	5.387	.23552	-3.7894
#2	.51696	2.1616	.65507	.19645	.19999	5.390	.23853	-3.0819

Sample Name: J5546-02MS Acquired: 10/18/2018 21:45:37 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .53783
%RSD 70.994

#1 -1.1379
#2 -.37726

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.5	57951.	4662.7	115.86	3479.2
Stddev	13.3	112.	30.3	2.93	12.5
%RSD	.50696	.19349	.65009	2.5262	.35795

#1	2607.1	58030.	4684.2	117.93	3470.4
#2	2625.8	57872.	4641.3	113.79	3488.0

Sample Name: J5546-02MSD Acquired: 10/18/2018 21:49:29 Type: Unk
Method: P4-ICP2(v2507) 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	.75170	1.9031	.92487	1.9454	.76247	1.8327	.24926
Stddev	.00186	.0003	.00235	.0022	.00192	.0078	.00148
%RSD	.24759	.01480	.25375	.11123	.25127	.42557	.59426

#1	.75038	1.9033	.92653	1.9438	.76382	1.8272	.24821
#2	.75301	1.9029	.92321	1.9469	.76111	1.8383	.25030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19291	.18486	8.0814	.38411	.18647	.30052	3.0226
Stddev	.00004	.00022	.0117	.00160	.00020	.00028	.0140
%RSD	.02298	.11655	.14459	.41726	.10857	.09301	.46344

#1	.19288	.18471	8.0897	.38524	.18662	.30072	3.0127
#2	.19294	.18502	8.0731	.38297	.18633	.30032	3.0325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24366	3.3024	.47334	.06676	49.661	.28901	.22043
Stddev	.00061	.0303	.00150	.00005	.263	.00059	.00256
%RSD	.24908	.91911	.31613	.08002	.52967	.20535	1.1596

#1	.24409	3.2809	.47228	.06672	49.847	.28859	.22224
#2	.24323	3.3238	.47440	.06680	49.475	.28943	.21862

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.683	.39499	.31894	.51377	2.1678	.65374	.19515
Stddev	.002	.00028	.00142	.00205	.0236	.00178	.00071
%RSD	.01872	.07206	.44608	.39876	1.0889	.27201	.36511

#1	12.685	.39479	.31994	.51522	2.1845	.65249	.19465
#2	12.682	.39519	.31793	.51232	2.1511	.65500	.19566

Sample Name: J5546-02MSD Acquired: 10/18/2018 21:49:29 Type: Unk
 Method: P4-ICP2(v2507) 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	.19995	5.408	.23835	<.00000	F<.00000
Stddev	.00018	.010	.00115	.34240	.13203
%RSD	.09180	.1818	.48244	11.788	8.8190

#1	.19982	5.401	.23917	-3.1469	-1.5905
#2	.20008	5.415	.23754	-2.6626	-1.4037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.8	57827.	4654.7	114.71	3476.2
Stddev	6.7	26.	33.5	1.54	5.0
%RSD	.25721	.04548	.71900	1.3390	.14370

#1	2617.0	57809.	4631.1	113.63	3472.7
#2	2626.6	57846.	4678.4	115.80	3479.8

Sample Name: J5546-02A Acquired: 10/18/2018 21:53:20 Type: Unk
Method: P4-ICP2(v2507) 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	.74349	1.8934	.91603	1.9372	.75955	1.8418	.24911	.19232
Stddev	.00470	.0079	.00137	.0016	.00302	.0064	.00009	.00046
%RSD	.63170	.41567	.14958	.08114	.39696	.34833	.03461	.24152
#1	.74681	1.8990	.91506	1.9361	.76169	1.8373	.24917	.19199
#2	.74017	1.8879	.91700	1.9383	.75742	1.8464	.24905	.19265
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18351	7.9138	.38430	.18526	.29709	2.9100	.24247	3.2421
Stddev	.00011	.0503	.00015	.00046	.00094	.0310	.00068	.0056
%RSD	.06113	.63583	.03958	.24822	.31659	1.0642	.27876	.17328
#1	.18359	7.9494	.38441	.18558	.29643	2.9319	.24200	3.2460
#2	.18343	7.8783	.38419	.18493	.29776	2.8881	.24295	3.2381
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47086	.06779	49.498	.28835	.21157	12.620	.39190	.31031
Stddev	.00033	.00036	.150	.00049	.00326	.039	.00105	.00576
%RSD	.06919	.53427	.30298	.17161	1.5415	.31250	.26826	1.8561
#1	.47109	.06754	49.604	.28870	.21387	12.648	.39265	.30624
#2	.47063	.06805	49.392	.28800	.20926	12.592	.39116	.31438
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51335	2.1383	.65295	.19366	.19919	5.376	.23693	<.00000
Stddev	.00643	.0130	.00146	.00095	.00245	.011	.00064	.26291
%RSD	1.2530	.60631	.22415	.49142	1.2318	.1992	.27032	8.1407
#1	.51790	2.1475	.65191	.19433	.19745	5.383	.23738	-3.0437
#2	.50880	2.1292	.65398	.19299	.20092	5.368	.23648	-3.4155

Sample Name: J5546-02A Acquired: 10/18/2018 21:53:20 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .82947
%RSD 157.64

#1 .06034
#2 -1.1127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.4	58039.	4703.4	119.23	3488.5
Stddev	4.1	42.	16.0	1.47	3.1
%RSD	.15422	.07216	.34002	1.2318	.08964

#1	2632.5	58009.	4692.1	118.19	3486.3
#2	2638.2	58068.	4714.7	120.27	3490.7

Sample Name: J5546-04 Acquired: 10/18/2018 21:57:12 Type: Unk
Method: P4-ICP2(v2507) 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	-.00180	.00173	-.00051	.00030	.00064	-.01018	.06812	.00001
Stddev	.00033	.00059	.00005	.00334	.00080	.00878	.00002	.00002
%RSD	18.125	34.126	10.402	1103.2	125.39	86.180	.02530	197.54

#1	-.00203	.00215	-.00047	.00267	.00007	-.00398	.06813	-.00000
#2	-.00157	.00131	-.00055	-.00206	.00121	-.01639	.06811	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	6.2027	.00026	-.00011	.00476	.03561	.00522	1.0542
Stddev	.00006	.0224	.00035	.00021	.00003	.00194	.00007	.0211
%RSD	38.584	.36184	136.47	190.55	.55031	5.4465	1.2626	2.0058

#1	.00020	6.2186	.00001	.00004	.00478	.03699	.00518	1.0691
#2	.00011	6.1869	.00051	-.00026	.00474	.03424	.00527	1.0392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	-.00018	20.829	.00071	.05176	1.8224	.00196	.02706
Stddev	.00024	.00008	.066	.00040	.00091	.0575	.00029	.00638
%RSD	10.124	47.396	.31859	56.932	1.7661	3.1579	14.603	23.586

#1	.00259	-.00012	20.876	.00042	.05240	1.8631	.00216	.02254
#2	.00224	-.00024	20.782	.00100	.05111	1.7817	.00176	.03157

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0829	1.0673	.00134	-.00027	.00183	.0157	.03263	<.00000
Stddev	.0233	.0024	.00127	.00072	.00028	.0012	.00005	.39715
%RSD	2.1479	.22133	95.090	271.92	15.174	7.398	.15624	8.9681

#1	1.0665	1.0690	.00044	.00024	.00203	.0148	.03267	-4.7093
#2	1.0994	1.0656	.00224	-.00077	.00164	.0165	.03260	-4.1477

Sample Name: J5546-04 Acquired: 10/18/2018 21:57:12 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .32786
Stddev .00699
%RSD 2.1333

#1 .32291
#2 .33281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.5	58973.	4722.5	119.73	3587.6
Stddev	46.3	137.	32.2	1.89	62.2
%RSD	1.7581	.23195	.68094	1.5798	1.7335

#1	2667.2	59069.	4699.8	118.39	3631.5
#2	2601.7	58876.	4745.2	121.07	3543.6

Sample Name: J5200-10 Acquired: 10/18/2018 22:01:16 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00624	-.00203	.00502	.00733	-.00093	.08893	.09045	-.00004
Stddev	.00121	.00090	.00007	.00208	.00002	.00559	.00067	.00009
%RSD	19.384	44.430	1.3229	28.398	2.1587	6.2816	.74073	204.40

#1	-.00709	-.00267	.00497	.00881	-.00092	.08498	.08998	.00002
#2	-.00538	-.00139	.00507	.00586	-.00095	.09288	.09092	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	20.142	-.00050	.00365	.00846	.28557	.61386	2.7871
Stddev	.00004	.076	.00026	.00017	.00014	.00043	.00446	.0408
%RSD	23.534	.37867	51.830	4.6161	1.6513	.14931	.72600	1.4655

#1	.00015	20.088	-.00068	.00377	.00856	.28527	.61701	2.8160
#2	.00021	20.196	-.00032	.00353	.00836	.28587	.61071	2.7582

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00486	-.00014	268.20	.00043	.03131	.85329	.00018	.00936
Stddev	.00012	.00042	.65	.00027	.00005	.03041	.00048	.00455
%RSD	2.3690	298.56	.24159	63.367	.14556	3.5635	271.01	48.686

#1	.00494	.00016	268.66	.00024	.03134	.83179	.00052	.00613
#2	.00478	-.00044	267.75	.00063	.03128	.87479	-.00016	.01258

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10374	.71677	.00168	-.00198	.00025	.0056	.06362	<.00000
Stddev	.00614	.00937	.00005	.00057	.00138	.0013	.00025	.44845
%RSD	5.9166	1.3066	2.7632	29.057	540.66	22.95	.39396	61.840

#1	.10808	.72339	.00171	-.00238	-.00072	.0047	.06345	-.40808
#2	.09940	.71014	.00165	-.00157	.00123	.0065	.06380	-1.0423

Sample Name: J5200-10 Acquired: 10/18/2018 22:01:16 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3500
Stddev .2423
%RSD 10.309

#1 2.5213
#2 2.1787

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.3	55389.	4778.0	118.46	3243.4
Stddev	13.9	472.	43.3	.13	24.8
%RSD	.55709	.85195	.90632	.10944	.76441

#1	2493.4	55055.	4747.4	118.37	3225.8
#2	2513.1	55722.	4808.6	118.55	3260.9

Sample Name: J5200-10DUP Acquired: 10/18/2018 22:05:26 Type: Unk
Method: P4-ICP2(v2507) 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	-.00587	-.00211	.00561	.00368	-.00098	.09058	.09043	.00001
Stddev	.00335	.00054	.00085	.00480	.00154	.00263	.00007	.00011
%RSD	57.166	25.827	15.098	130.28	156.42	2.9080	.07458	2159.9

#1	-.00350	-.00172	.00620	.00708	.00010	.09244	.09038	.00008
#2	-.00824	-.00249	.00501	.00029	-.00207	.08872	.09048	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	20.458	-.00024	.00359	.00818	.27305	.62037	2.8587
Stddev	.00003	.092	.00021	.00005	.00046	.01521	.00089	.0056
%RSD	9.6531	.45124	87.852	1.4764	5.6270	5.5688	.14331	.19537

#1	.00034	20.393	-.00038	.00355	.00786	.28380	.61974	2.8548
#2	.00030	20.523	-.00009	.00363	.00851	.26230	.62100	2.8627

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00540	-.00049	271.10	.00025	.03137	.87840	.00016	.00945
Stddev	.00007	.00011	.98	.00019	.00082	.00694	.00004	.00465
%RSD	1.3065	23.040	.36047	74.976	2.6169	.79028	24.844	49.183

#1	.00535	-.00057	270.41	.00038	.03195	.88330	.00018	.00617
#2	.00545	-.00041	271.79	.00012	.03079	.87349	.00013	.01274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09871	.73154	.00230	.00096	.00161	.0031	.06456	<.00000
Stddev	.00536	.00841	.00036	.00118	.00028	.0004	.00031	.12478
%RSD	5.4342	1.1497	15.444	122.03	17.633	11.82	.47482	23.313

#1	.09492	.72559	.00205	.00013	.00181	.0028	.06434	-.44702
#2	.10251	.73749	.00255	.00180	.00141	.0033	.06477	-.62349

Sample Name: J5200-10DUP Acquired: 10/18/2018 22:05:26 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4301
 Stddev .0538
 %RSD 3.7602

#1 1.3921
 #2 1.4681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.7	55227.	4732.1	118.58	3245.8
Stddev	1.5	37.	1.1	2.66	.7
%RSD	.06073	.06633	.02384	2.2462	.02022

#1	2504.6	55202.	4732.9	116.69	3245.3
#2	2506.7	55253.	4731.3	120.46	3246.3

Sample Name: CCV12 Acquired: 10/18/2018 22:09:36 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8644	5.1338	4.7462	4.9103	4.8672	9.5146	9.7521
Stddev	.0133	.0267	.0111	.0162	.0011	.0501	.0337
%RSD	.27426	.52092	.23437	.32931	.02262	.52682	.34569

#1	4.8738	5.1149	4.7383	4.9218	4.8680	9.4792	9.7759
#2	4.8550	5.1527	4.7541	4.8989	4.8664	9.5501	9.7283

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24232	2.3491	26.436	1.0419	2.3710	1.2559	4.9265
Stddev	.00048	.0007	.173	.0005	.0015	.0016	.0687
%RSD	.19782	.02925	.65335	.04991	.06412	.12484	1.3943

#1	.24198	2.3487	26.314	1.0423	2.3699	1.2570	4.9751
#2	.24266	2.3496	26.558	1.0415	2.3720	1.2548	4.8780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4393	24.539	2.3811	1.3000	24.422	2.4000	2.5369
Stddev	.0028	.142	.0003	.0008	.064	.0030	.0302
%RSD	.11342	.57728	.01271	.06467	.26144	.12535	1.1923

#1	2.4413	24.640	2.3808	1.3006	24.467	2.4021	2.5583
#2	2.4374	24.439	2.3813	1.2994	24.377	2.3979	2.5155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.686	4.9059	4.8739	4.6374	4.9840	4.7522	4.8643
Stddev	.008	.0019	.0045	.0261	.0011	.0109	.0174
%RSD	.03168	.03892	.09249	.56377	.02130	.22920	.35819

#1	24.680	4.9073	4.8707	4.6190	4.9847	4.7445	4.8766
#2	24.691	4.9046	4.8771	4.6559	4.9832	4.7599	4.8520

Sample Name: CCV12 Acquired: 10/18/2018 22:09:36 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14017 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9143	4.788	4.8949	F<.00000	F 2.1708
Stddev	.0055	.013	.0244	.24559	.1905
%RSD	.11141	.2730	.49834	20.171	8.7760

#1	4.9104	4.779	4.8776	-1.0439	2.3055
#2	4.9181	4.797	4.9121	-1.3912	2.0361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.0	57138.	4670.0	114.65	3333.3
Stddev	7.0	184.	10.7	1.62	6.1
%RSD	.26918	.32230	.22961	1.4094	.18271

#1	2578.1	57008.	4662.4	113.51	3329.0
#2	2588.0	57268.	4677.5	115.79	3337.6

Sample Name: CCB12 Acquired: 10/18/2018 22:13:21 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00756	.00167	-.00080	-.00008	.00022	-.01276	-.00126
Stddev	.00482	.00112	.00085	.00225	.00248	.00171	.00005
%RSD	63.759	66.975	106.31	2819.8	1122.4	13.400	3.8305

#1	-.01096	.00088	-.00020	.00151	-.00153	-.01397	-.00129
#2	-.00415	.00247	-.00141	-.00167	.00198	-.01155	-.00122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00011	.02775	.00011	.00003	.00015	-.00345
Stddev	.00003	.00008	.00345	.00060	.00003	.00047	.00058
%RSD	31.743	70.709	12.432	564.42	75.846	311.16	16.938

#1	-.00010	.00005	.03019	.00053	.00005	-.00018	-.00303
#2	-.00006	.00016	.02531	-.00032	.00002	.00049	-.00386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.06590	.00212	-.00061	-.13251	.00020	-.00085
Stddev	.00005	.02740	.00038	.00054	.00780	.00023	.00001
%RSD	1116.6	41.573	18.026	88.423	5.8896	113.05	1.5547

#1	.00003	.04653	.00239	-.00023	-.12699	.00004	-.00086
#2	-.00004	.08527	.00185	-.00099	-.13803	.00037	-.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05596	.00156	-.00002	F -.15810	-.00031	.00046	-.00148
Stddev	.00027	.00031	.00216	.00309	.00059	.00024	.00036
%RSD	.47590	20.089	9798.2	1.9521	187.86	53.041	24.551

#1	.05577	.00178	.00150	-.15592	-.00073	.00029	-.00173
#2	.05615	.00134	-.00155	-.16028	.00010	.00063	-.00122

Sample Name: CCB12 Acquired: 10/18/2018 22:13:21 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14017 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.0008	.00003	F<.00000	F<.00000
Stddev	.00054	.0001	.00000	.54843	.21037
%RSD	22.666	14.50	8.6219	10.505	92.598

#1	.00200	-.0009	.00003	-4.8327	-.07843
#2	.00276	-.0008	.00003	-5.6083	-.37594

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.0	59341.	4709.7	116.61	3686.8
Stddev	18.3	187.	4.4	1.90	21.1
%RSD	.68367	.31449	.09411	1.6272	.57240

#1	2667.0	59209.	4706.5	117.95	3671.9
#2	2692.9	59473.	4712.8	115.27	3701.7

Sample Name: J5200-10LX5 Acquired: 10/18/2018 22:17:27 Type: Unk
Method: P4-ICP2(v2507) 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	-.00824	.00067	.00057	-.00059	.00007	-.00233	.01601	-.00006
Stddev	.00031	.00111	.00072	.00170	.00134	.00185	.00073	.00006
%RSD	3.7803	166.71	124.91	288.79	1849.7	79.166	4.5662	101.31

#1	-.00846	.00145	.00108	-.00179	-.00087	-.00103	.01653	-.00010
#2	-.00802	-.00012	.00007	.00061	.00102	-.00364	.01550	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	3.9151	-.00001	.00082	.00200	.04765	.12750	.57072
Stddev	.00008	.1999	.00030	.00010	.00003	.01127	.00035	.00713
%RSD	30.006	5.1067	4136.5	12.152	1.6742	23.662	.27491	1.2485

#1	.00020	4.0565	-.00022	.00089	.00197	.05562	.12774	.56569
#2	.00031	3.7737	.00020	.00075	.00202	.03968	.12725	.57576

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	-.00047	52.274	.00031	.00593	.19352	.00045	.00061
Stddev	.00012	.00010	3.274	.00039	.00033	.03055	.00002	.01399
%RSD	5.0622	21.685	6.2630	126.42	5.5841	15.785	4.2929	2304.9

#1	.00254	-.00054	54.589	.00058	.00616	.21512	.00047	-.00928
#2	.00236	-.00040	49.959	.00003	.00569	.17192	.00044	.01050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.10866	.15058	.00238	-.00190	.00050	-.0003	.01223	<.00000
Stddev	.00555	.01415	.00184	.00152	.00007	.0004	.00073	.03765
%RSD	5.1087	9.3996	77.259	79.969	13.233	121.0	5.9650	1.1149

#1	-.11259	.16059	.00108	-.00297	.00055	-.0006	.01274	-3.3500
#2	-.10474	.14057	.00368	-.00083	.00046	-.0001	.01171	-3.4033

Sample Name: J5200-10LX5 Acquired: 10/18/2018 22:17:27 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .25011
Stddev .30624
%RSD 122.44

#1 .03356
#2 .46666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.3	57633.	4896.4	122.04	3498.4
Stddev	5.4	25.	261.4	7.75	16.1
%RSD	.20639	.04308	5.3390	6.3469	.46147

#1	2627.5	57616.	4711.5	116.57	3487.0
#2	2635.1	57651.	5081.2	127.52	3509.8

Sample Name: J5200-10MS Acquired: 10/18/2018 22:21:32 Type: Unk
Method: P4-ICP2(v2507) 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	.75701	1.8379	.92596	1.9326	.76269	2.0295	.28538	.19437
Stddev	.00698	.0067	.00005	.0016	.00175	.0102	.00264	.00038
%RSD	.92141	.36475	.00487	.08145	.22912	.50265	.92463	.19666
#1	.75208	1.8331	.92593	1.9337	.76146	2.0223	.28352	.19410
#2	.76194	1.8426	.92599	1.9314	.76393	2.0367	.28725	.19464
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18711	20.712	.39114	.19341	.29591	3.1771	.79819	4.6744
Stddev	.00008	.501	.00022	.00005	.00041	.0332	.00037	.0109
%RSD	.04159	2.4199	.05576	.02383	.13971	1.0442	.04606	.23369
#1	.18717	20.358	.39099	.19344	.29562	3.1536	.79793	4.6822
#2	.18706	21.067	.39129	.19338	.29621	3.2006	.79845	4.6667
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47948	.06787	269.17	.29629	.22160	10.891	.40049	.28860
Stddev	.00088	.00015	1.12	.00026	.00096	.223	.00037	.00582
%RSD	.18352	.22300	.41526	.08923	.43146	2.0508	.09192	2.0155
#1	.47885	.06798	269.96	.29647	.22093	10.733	.40023	.28449
#2	.48010	.06777	268.38	.29610	.22228	11.049	.40075	.29271
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08614	1.6150	.66710	.19435	.20365	5.669	.25363	<.00000
Stddev	.00106	.0270	.00332	.00244	.00327	.013	.00413	.34513
%RSD	1.2355	1.6722	.49749	1.2545	1.6078	.2285	1.6287	45.544
#1	.08689	1.5959	.66475	.19262	.20133	5.660	.25071	-.51375
#2	.08538	1.6341	.66944	.19607	.20596	5.678	.25655	-1.0018

Sample Name: J5200-10MS Acquired: 10/18/2018 22:21:32 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .56386
Stddev .66529
%RSD 117.99

#1 1.0343
#2 .09343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.0	55911.	4772.5	117.00	3257.5
Stddev	13.7	165.	30.8	.03	15.5
%RSD	.53565	.29593	.64527	.02241	.47712

#1	2541.4	55794.	4794.3	116.98	3246.6
#2	2560.7	56028.	4750.7	117.02	3268.5

Sample Name: J5200-10MSD Acquired: 10/18/2018 22:25:30 Type: Unk
Method: P4-ICP2(v2507) 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	.75652	1.8380	.92699	1.9354	.76284	2.0099	.29094	.19508
Stddev	.00093	.0049	.00018	.0017	.00259	.0262	.00105	.00051
%RSD	.12260	.26571	.01921	.08700	.33914	1.3053	.36169	.26254
#1	.75586	1.8345	.92686	1.9366	.76101	1.9914	.29168	.19544
#2	.75717	1.8415	.92711	1.9342	.76467	2.0285	.29020	.19472
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18681	21.233	.39348	.19329	.29594	3.1727	.79974	4.7575
Stddev	.00005	.137	.00002	.00027	.00079	.0249	.00088	.0194
%RSD	.02657	.64534	.00417	.13718	.26714	.78555	.11020	.40768
#1	.18684	21.136	.39346	.19311	.29650	3.1551	.80037	4.7712
#2	.18677	21.330	.39349	.19348	.29538	3.1903	.79912	4.7438
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47979	.06919	272.69	.29743	.22261	11.118	.40152	.29662
Stddev	.00110	.00117	.47	.00126	.00181	.008	.00035	.00342
%RSD	.22846	1.6889	.17300	.42249	.81257	.07291	.08767	1.1543
#1	.48056	.07002	273.03	.29832	.22133	11.124	.40127	.29420
#2	.47901	.06837	272.36	.29654	.22389	11.113	.40177	.29904
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09272	1.6410	.66527	.19950	.20675	5.663	.25892	<.00000
Stddev	.00293	.0063	.00216	.00056	.00094	.009	.00261	.34609
%RSD	3.1612	.38175	.32483	.28176	.45367	.1656	1.0088	37.712
#1	.09479	1.6454	.66679	.19910	.20741	5.669	.25707	-.67302
#2	.09064	1.6366	.66374	.19990	.20609	5.656	.26076	-1.1625

Sample Name: J5200-10MSD Acquired: 10/18/2018 22:25:30 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .45186
Stddev .10904
%RSD 24.132

#1 .37476
#2 .52897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.0	55745.	4650.1	116.71	3261.5
Stddev	7.5	132.	21.7	.47	6.7
%RSD	.29447	.23627	.46704	.40476	.20682

#1	2545.7	55652.	4634.7	117.04	3256.7
#2	2556.3	55838.	4665.4	116.37	3266.3

Sample Name: J5200-10A Acquired: 10/18/2018 22:29:27 Type: Unk
Method: P4-ICP2(v2507) 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	.75941	1.8311	.91975	1.9326	.76458	2.0167	.29058	.19560
Stddev	.00250	.0094	.00255	.0100	.00405	.0076	.00065	.00068
%RSD	.32885	.51580	.27735	.51732	.52980	.37784	.22361	.34863
#1	.76118	1.8378	.92156	1.9397	.76744	2.0113	.29012	.19512
#2	.75765	1.8245	.91795	1.9255	.76171	2.0221	.29104	.19609
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18661	21.091	.39296	.19318	.29576	3.2520	.80082	4.7689
Stddev	.00086	.233	.00133	.00083	.00180	.0423	.00003	.0350
%RSD	.46007	1.1061	.33861	.43205	.60968	1.3018	.00422	.73464
#1	.18722	20.926	.39202	.19377	.29704	3.2819	.80084	4.7936
#2	.18600	21.256	.39390	.19259	.29449	3.2221	.80079	4.7441
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47804	.06898	273.35	.29888	.22862	11.108	.40072	.30140
Stddev	.00224	.00070	2.46	.00031	.00274	.029	.00194	.00556
%RSD	.46889	1.0095	.90152	.10329	1.1970	.25873	.48334	1.8459
#1	.47962	.06948	271.61	.29866	.23056	11.088	.40209	.29747
#2	.47645	.06849	275.09	.29909	.22669	11.128	.39935	.30533
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08670	1.6444	.66187	.19809	.20665	5.633	.25839	<.00000
Stddev	.00006	.0063	.00337	.00469	.00138	.029	.00110	.13393
%RSD	.06688	.38558	.50929	2.3686	.66635	.5165	.42734	12.073
#1	.08674	1.6399	.66425	.19477	.20568	5.654	.25761	-1.0146
#2	.08666	1.6489	.65948	.20141	.20762	5.612	.25917	-1.2040

Sample Name: J5200-10A Acquired: 10/18/2018 22:29:27 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.89407
Stddev	.12876
%RSD	14.401

#1	.98512
#2	.80303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.6	55753.	4637.6	113.81	3274.2
Stddev	15.6	102.	10.6	1.43	21.9
%RSD	.60894	.18240	.22959	1.2606	.66817

#1	2544.6	55825.	4645.1	112.79	3258.7
#2	2566.6	55681.	4630.1	114.82	3289.7

Sample Name: J5200-12 Acquired: 10/18/2018 22:33:26 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01223	-.00117	.00490	.00495	-.00000	.07343	.11060	-.00005
Stddev	.00402	.00181	.00035	.00173	.00070	.00631	.00080	.00004
%RSD	32.861	154.39	7.0560	35.041	89215.	8.5986	.72646	99.184

#1	-.01507	.00011	.00514	.00617	-.00049	.06896	.11003	-.00001
#2	-.00939	-.00245	.00465	.00372	.00049	.07789	.11116	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	26.781	-.00032	.00312	.00593	.06908	.56931	1.3815
Stddev	.00004	.016	.00001	.00008	.00030	.00708	.00092	.0254
%RSD	19.419	.06000	3.1130	2.5521	5.0343	10.247	.16178	1.8393

#1	.00024	26.792	-.00032	.00318	.00614	.06408	.56996	1.3995
#2	.00019	26.770	-.00033	.00306	.00572	.07409	.56866	1.3636

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00485	.00017	282.88	.00080	.02757	.75007	.00044	.00963
Stddev	.00042	.00041	4.79	.00013	.00043	.01670	.00008	.00643
%RSD	8.5768	247.78	1.6942	15.873	1.5631	2.2265	18.046	66.788

#1	.00514	.00046	279.49	.00089	.02787	.73826	.00049	.01417
#2	.00455	-.00013	286.26	.00071	.02726	.76187	.00038	.00508

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08572	.88455	.00308	-.00158	.00151	.0023	.12697	<.00000
Stddev	.00372	.00816	.00030	.00087	.00075	.0012	.00072	.17948
%RSD	4.3451	.92231	9.5744	55.258	49.206	52.58	.56998	13.681

#1	.08835	.87878	.00329	-.00219	.00204	.0031	.12749	-1.1850
#2	.08308	.89032	.00287	-.00096	.00099	.0014	.12646	-1.4388

Sample Name: J5200-12 Acquired: 10/18/2018 22:33:26 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-101618 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7427
Stddev .2398
%RSD 13.758

#1 1.9122
#2 1.5732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.2	55730.	4771.5	119.18	3286.2
Stddev	18.3	200.	33.1	1.25	17.7
%RSD	.71899	.35886	.69435	1.0482	.53862

#1	2535.3	55588.	4795.0	118.30	3273.7
#2	2561.2	55871.	4748.1	120.07	3298.7

Sample Name: J5202-02 Acquired: 10/18/2018 22:37:35 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00942	-.00172	-.00000	.00420	.00046	.06388	.06577	-.00011
Stddev	.00460	.00090	.00112	.00207	.00090	.00499	.00006	.00001
%RSD	48.790	52.138	344390.	49.261	194.18	7.8153	.08901	12.677

#1	-.01267	-.00235	-.00079	.00566	-.00017	.06741	.06573	-.00010
#2	-.00617	-.00109	.00079	.00274	.00109	.06035	.06581	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	8.0111	.00034	-.00009	.00520	.02521	.14426	.88237
Stddev	.00007	.0613	.00047	.00002	.00016	.01235	.00193	.06534
%RSD	149.08	.76568	136.91	26.964	3.1273	49.003	1.3412	7.4051

#1	-.00000	7.9677	.00001	-.00010	.00531	.03394	.14563	.92857
#2	.00009	8.0545	.00067	-.00007	.00508	.01647	.14290	.83617

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00003	284.85	.00024	.01416	.48119	.00049	.00710
Stddev	.00005	.00032	1.42	.00010	.00001	.04098	.00003	.00573
%RSD	2.2773	1257.7	.49785	41.381	.09935	8.5173	6.2022	80.680

#1	.00245	-.00026	285.85	.00017	.01417	.45221	.00051	.00305
#2	.00237	.00020	283.85	.00031	.01415	.51017	.00047	.01115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.31091	.00304	-.00002	.00188	.0017	.03454	<.00000
Stddev	.00288	.00725	.00013	.00003	.00005	.0011	.00014	.24896
%RSD	267.84	2.3311	4.4305	124.23	2.3938	67.77	.41361	20.275

#1	.00311	.31604	.00295	-.00000	.00185	.0009	.03444	-1.4039
#2	-.00096	.30579	.00314	-.00004	.00191	.0025	.03464	-1.0518

Sample Name: J5202-02 Acquired: 10/18/2018 22:37:35 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1685
 Stddev .1817
 %RSD 15.552

#1 1.2970
 #2 1.0400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.6	55359.	4737.2	116.20	3291.1
Stddev	9.5	54.	35.3	.02	13.5
%RSD	.37175	.09699	.74606	.01521	.40898

#1	2540.9	55321.	4712.2	116.21	3281.6
#2	2554.3	55397.	4762.2	116.18	3300.7

Sample Name: J5202-04 Acquired: 10/18/2018 22:41:46 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00734	-.00151	.00112	.00300	.00013	.05836	.07047	-.00007
Stddev	.00081	.00073	.00053	.00008	.00091	.00216	.00039	.00000
%RSD	11.065	48.695	46.987	2.5311	698.29	3.7032	.56029	3.5062

#1	-.00676	-.00202	.00075	.00294	-.00051	.05989	.07019	-.00007
#2	-.00791	-.00099	.00150	.00305	.00077	.05684	.07075	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	6.7525	.00020	-.00007	.00741	.01962	.16565	1.0287
Stddev	.00004	.0233	.00058	.00026	.00003	.01325	.00040	.0019
%RSD	26.002	.34448	294.55	352.03	.41536	67.544	.24422	.18242

#1	.00014	6.7361	.00060	.00011	.00743	.01025	.16536	1.0300
#2	.00020	6.7690	-.00021	-.00025	.00739	.02899	.16594	1.0274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00025	274.08	.00050	.01486	.61474	.00021	.01115
Stddev	.00015	.00006	8.81	.00033	.00016	.03304	.00027	.00042
%RSD	6.5656	24.998	3.2139	66.999	1.0720	5.3739	126.12	3.7724

#1	.00217	-.00030	267.86	.00074	.01474	.63810	.00002	.01086
#2	.00238	-.00021	280.31	.00026	.01497	.59138	.00040	.01145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02222	.33803	.00243	-.00046	.00255	.0019	.02892	<.00000
Stddev	.00112	.00099	.00022	.00100	.00037	.0016	.00020	.48776
%RSD	5.0335	.29229	8.8746	219.69	14.518	84.61	.68487	34.352

#1	-.02143	.33873	.00259	.00025	.00229	.0008	.02878	-1.0750
#2	-.02301	.33733	.00228	-.00117	.00282	.0030	.02906	-1.7648

Sample Name: J5202-04 Acquired: 10/18/2018 22:41:46 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2984
Stddev .1205
%RSD 9.2786

#1 1.2132
#2 1.3835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.8	55068.	4755.1	116.89	3266.0
Stddev	13.7	104.	2.6	.45	17.6
%RSD	.54290	.18888	.05563	.38312	.53887

#1	2512.1	54995.	4756.9	116.58	3253.5
#2	2531.5	55142.	4753.2	117.21	3278.4

Sample Name: J5202-06 Acquired: 10/18/2018 22:45:56 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00712	-.00034	-.00007	-.00035	-.00010	.07565	.06764	-.00003
Stddev	.00057	.00018	.00028	.00181	.00024	.01075	.00121	.00005
%RSD	8.0341	52.797	375.19	510.44	245.13	14.215	1.7822	136.98

#1	-.00672	-.00021	-.00027	.00093	.00007	.08325	.06679	-.00000
#2	-.00753	-.00046	.00012	-.00164	-.00026	.06804	.06849	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	8.7520	.00227	.00037	.00601	.02379	.18461	1.0739
Stddev	.00001	.0080	.00008	.00011	.00056	.00327	.00014	.0031
%RSD	30.515	.09153	3.5279	29.005	9.3162	13.742	.07632	.29175

#1	.00005	8.7463	.00222	.00030	.00562	.02148	.18451	1.0761
#2	.00003	8.7576	.00233	.00045	.00641	.02610	.18471	1.0717

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00035	222.73	.00049	.01141	.54090	.00080	.00810
Stddev	.00017	.00068	2.68	.00036	.00003	.01189	.00013	.00955
%RSD	4.2549	197.56	1.2047	75.002	.25154	2.1988	16.462	117.89

#1	.00388	-.00014	220.83	.00074	.01139	.54930	.00071	.01486
#2	.00413	.00083	224.62	.00023	.01143	.53249	.00090	.00135

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02597	.33427	.00162	.00120	.00255	.0014	.03684	<.00000
Stddev	.00542	.00164	.00076	.00165	.00261	.0015	.00010	.33647
%RSD	20.857	.49103	46.980	137.53	102.46	107.6	.25969	19.373

#1	.02980	.33543	.00216	.00236	.00070	.0024	.03691	-1.4989
#2	.02214	.33311	.00108	.00003	.00440	.0003	.03678	-1.9748

Sample Name: J5202-06 Acquired: 10/18/2018 22:45:56 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .89180
 Stddev .69326
 %RSD 77.737

#1 .40159
 #2 1.3820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2584.2	55932.	4776.0	118.37	3358.3
Stddev	1.2	120.	30.3	.91	2.0
%RSD	.04752	.21472	.63361	.77160	.05899

#1	2585.1	55847.	4797.4	117.73	3356.9
#2	2583.3	56017.	4754.6	119.02	3359.7

Sample Name: J5204-06 Acquired: 10/18/2018 22:50:07 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00655	-.00331	.00122	.00564	-.00182	.05873	.10536	-.00008
Stddev	.00073	.00010	.00082	.00220	.00135	.01233	.00087	.00002
%RSD	11.142	3.0128	66.940	39.024	74.037	20.988	.82566	24.628

#1	-.00706	-.00338	.00180	.00408	-.00277	.06745	.10598	-.00006
#2	-.00603	-.00324	.00064	.00719	-.00087	.05002	.10475	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	28.611	-.00034	.00848	.00376	.30782	.95788	3.0670
Stddev	.00012	.123	.00069	.00015	.00028	.01850	.00107	.0490
%RSD	86.517	.43013	204.28	1.7236	7.3810	6.0103	.11194	1.5976

#1	.00005	28.524	-.00083	.00858	.00396	.32090	.95864	3.1017
#2	.00022	28.698	.00015	.00837	.00357	.29474	.95713	3.0324

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	.00026	232.46	.00053	.02606	1.3416	-.00010	.00641
Stddev	.00001	.00030	2.74	.00025	.00032	.0003	.00003	.00738
%RSD	.21711	115.11	1.1801	47.762	1.2340	.01873	24.475	115.07

#1	.00438	.00005	230.52	.00035	.02629	1.3414	-.00008	.00119
#2	.00440	.00047	234.40	.00071	.02583	1.3417	-.00012	.01163

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52473	1.3660	.00177	-.00163	.00082	-.0014	.10347	<.00000
Stddev	.00010	.0049	.00041	.00081	.00044	.0013	.00091	.00556
%RSD	.01920	.36192	23.363	50.075	54.054	92.56	.87802	.42452

#1	.52480	1.3695	.00148	-.00105	.00113	-.0024	.10283	-1.3063
#2	.52466	1.3625	.00206	-.00220	.00051	-.0005	.10412	-1.3142

Sample Name: J5204-06 Acquired: 10/18/2018 22:50:07 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7799
Stddev	.2671
%RSD	15.008

#1	1.5910
#2	1.9688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.0	55427.	4758.9	118.34	3301.4
Stddev	2.3	245.	2.2	.98	12.5
%RSD	.09071	.44163	.04532	.83157	.37738

#1	2547.4	55254.	4760.5	117.64	3292.6
#2	2550.7	55600.	4757.4	119.03	3310.2

Sample Name: J5204-08 Acquired: 10/18/2018 22:54:17 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00963	-.00232	.00768	.00207	-.00006	.04845	.10422	-.00007
Stddev	.00412	.00245	.00008	.00148	.00100	.01550	.00055	.00004
%RSD	42.825	105.55	1.0480	71.451	1811.4	31.997	.52844	63.334
#1	-.00671	-.00406	.00762	.00102	.00065	.03749	.10383	-.00004
#2	-.01254	-.00059	.00773	.00311	-.00076	.05941	.10461	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	9.0186	.00272	.00775	.01001	1.4592	.91386	1.8520
Stddev	.00005	.0791	.00069	.00009	.00014	.0042	.00221	.0213
%RSD	14.264	.87668	25.398	1.1634	1.3914	.29063	.24194	1.1512
#1	.00029	8.9627	.00223	.00781	.01011	1.4622	.91230	1.8670
#2	.00035	9.0745	.00321	.00769	.00991	1.4562	.91542	1.8369
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00645	-.00016	275.99	.00072	.04095	.73154	.00043	.00607
Stddev	.00025	.00033	4.25	.00014	.00073	.00597	.00049	.00846
%RSD	3.8125	210.68	1.5401	19.052	1.7865	.81598	113.96	139.35
#1	.00662	.00008	279.00	.00081	.04147	.72732	.00008	.01205
#2	.00627	-.00039	272.99	.00062	.04043	.73576	.00078	.00009
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03732	.50318	.00350	.00092	.00283	.0019	.04426	<.00000
Stddev	.00051	.00438	.00070	.00232	.00089	.0009	.00001	.19307
%RSD	1.3551	.86965	19.979	251.67	31.550	45.57	.03311	10.345
#1	-.03696	.50627	.00301	-.00072	.00220	.0013	.04425	-1.7298
#2	-.03767	.50008	.00400	.00256	.00346	.0025	.04427	-2.0028

Sample Name: J5204-08 Acquired: 10/18/2018 22:54:17 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-101718 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5782
Stddev .0103
%RSD .64946

#1 1.5709
#2 1.5854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.9	55197.	4786.7	118.06	3306.6
Stddev	3.4	95.	73.7	1.41	2.4
%RSD	.13359	.17230	1.5388	1.1929	.07201

#1	2568.4	55130.	4734.7	117.07	3304.9
#2	2573.3	55264.	4838.8	119.06	3308.3

Sample Name: CCV13 Acquired: 10/18/2018 22:58:27 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7583 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6501	5.0387	4.6097	4.6799	4.6740	9.1436	9.2968
Stddev	.0224	.0035	.0011	.0053	.0028	.2396	.1434
%RSD	.48139	.06990	.02321	.11386	.05988	2.6201	1.5422

#1	4.6659	5.0362	4.6104	4.6761	4.6720	8.9742	9.3982
#2	4.6343	5.0412	4.6089	4.6837	4.6759	9.3130	9.1954

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23525	2.2947	23.735	1.0259	2.3021	1.1799	4.7536
Stddev	.00047	.0037	.067	.0061	.0014	.0022	.0689
%RSD	.19976	.16135	.28314	.59579	.05984	.19074	1.4489

#1	.23492	2.2921	23.783	1.0215	2.3011	1.1814	4.7049
#2	.23558	2.2973	23.688	1.0302	2.3031	1.1783	4.8023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3679	23.672	2.3015	1.2705	23.358	2.3301	2.4050
Stddev	.0025	.078	.0052	.0038	.407	.0016	.0199
%RSD	.10614	.32853	.22514	.30041	1.7425	.06774	.82669

#1	2.3661	23.727	2.2979	1.2678	23.646	2.3290	2.4191
#2	2.3697	23.617	2.3052	1.2732	23.070	2.3312	2.3909

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.369	4.6931	4.6623	F 4.4418	4.7820	4.6318	4.7002
Stddev	.387	.0054	.0247	.0089	.0541	.0053	.0093
%RSD	1.6560	.11563	.52982	.19923	1.1309	.11376	.19860

#1	23.642	4.6969	4.6449	4.4355	4.8202	4.6281	4.7068
#2	23.095	4.6892	4.6798	4.4480	4.7437	4.6356	4.6936

Sample Name: CCV13 Acquired: 10/18/2018 22:58:27 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7583 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6749	4.675	4.6356	F<.00000	F 2.4896
Stddev	.0679	.006	.0583	.02893	.5833
%RSD	1.4527	.1376	1.2581	.58240	23.431

#1	4.7229	4.670	4.6768	-4.9462	2.9020
#2	4.6268	4.679	4.5944	-4.9871	2.0771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.9	58813.	4848.4	116.81	3415.6
Stddev	9.6	66.	96.3	1.28	5.7
%RSD	.35811	.11281	1.9854	1.0934	.16708

#1	2681.1	58859.	4780.4	115.90	3411.6
#2	2694.7	58766.	4916.5	117.71	3419.6

Sample Name: CCB13 Acquired: 10/18/2018 23:02:13 Type: Unk
Method: P4-ICP2(v2507) 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	-.00656	.00263	-.00070	.00130	-.00083	-.02085	-.00087
Stddev	.00206	.00074	.00128	.00202	.00107	.00391	.00034
%RSD	31.346	28.141	184.11	155.73	129.70	18.764	38.874

#1	-.00801	.00315	-.00160	-.00013	-.00159	-.01809	-.00063
#2	-.00511	.00211	.00021	.00273	-.00007	-.02362	-.00111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00009	.03831	.00009	-.00010	.00072	-.00116
Stddev	.00002	.00003	.01141	.00028	.00006	.00029	.00877
%RSD	16.619	34.717	29.786	299.01	56.647	40.996	759.16

#1	-.00013	.00012	.04638	.00029	-.00006	.00092	-.00736
#2	-.00010	.00007	.03024	-.00010	-.00015	.00051	.00505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01112	.00221	-.00055	-.09900	.00034	-.00085
Stddev	.00001	.00832	.00049	.00036	.00288	.00041	.00005
%RSD	58.036	74.768	22.191	65.518	2.9069	121.44	6.3459

#1	.00001	.00524	.00256	-.00030	-.10103	.00063	-.00081
#2	.00001	.01700	.00186	-.00081	-.09696	.00005	-.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08114	.00144	.00184	F -.15759	-.00094	.00073	-.00125
Stddev	.01033	.00025	.00294	.00183	.00163	.00001	.00102
%RSD	12.727	17.095	160.03	1.1611	173.57	1.8625	82.068

#1	.08844	.00162	.00392	-.15630	-.00209	.00074	-.00052
#2	.07383	.00127	-.00024	-.15889	.00021	.00072	-.00197

Sample Name: CCB13 Acquired: 10/18/2018 23:02:13 Type: Unk
 Method: P4-ICP2(v2507) 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	.00032	.0001	-.00007	F<.00000	F<.00000
Stddev	.00130	.0003	.00003	.41072	.69468
%RSD	404.18	300.9	44.505	5.3486	314.61

#1	-.00060	.0003	-.00009	-7.3886	-.71201
#2	.00124	-.0001	-.00004	-7.9694	.27041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.2	60433.	4762.2	116.66	3732.4
Stddev	.2	81.	24.4	.80	4.0
%RSD	.00667	.13450	.51321	.68695	.10614

#1	2749.1	60375.	4779.5	117.23	3735.2
#2	2749.3	60490.	4745.0	116.09	3729.6

Sample Name: J5535-02 Acquired: 10/18/2018 23:06:19 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BB-DRUM Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01253	-.00139	.03222	.00214	.00571	.10627	12.326	-.00012
Stddev	.00106	.00073	.00069	.00158	.00107	.00216	.082	.00008
%RSD	8.4996	52.340	2.1457	73.899	18.674	2.0279	.66598	64.388

#1	-.01328	-.00190	.03173	.00102	.00496	.10475	12.384	-.00007
#2	-.01178	-.00087	.03270	.00325	.00647	.10780	12.268	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	5.2612	.10554	.02268	.00126	.44458	.07809	.61117
Stddev	.00017	.0769	.00211	.00018	.00012	.01288	.00090	.00905
%RSD	159.14	1.4621	1.9993	.81052	9.7939	2.8972	1.1580	1.4805

#1	-.00001	5.3156	.10704	.02255	.00134	.43548	.07873	.60477
#2	.00022	5.2068	.10405	.02281	.00117	.45369	.07745	.61756

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00310	-.00037	262.18	.00048	F 37.784	1.3106	-.00527	1.5562
Stddev	.00040	.00007	1.80	.00073	.881	.0001	.00036	.0100
%RSD	12.945	20.156	.68561	152.61	2.3315	.01101	6.8554	.64350

#1	.00339	-.00032	263.45	.00100	37.162	1.3107	-.00501	1.5632
#2	.00282	-.00042	260.90	-.00004	38.407	1.3105	-.00552	1.5491

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23721	.61045	.00349	.00082	.00128	.1200	.03960	<.00000
Stddev	.00272	.00454	.00016	.00233	.00025	.0017	.00047	.82567
%RSD	1.1466	.74300	4.6828	282.97	19.278	1.456	1.1897	43.931

#1	.23913	.61366	.00361	.00247	.00111	.1187	.03993	-2.4633
#2	.23529	.60724	.00338	-.00082	.00146	.1212	.03926	-1.2956

Sample Name: J5535-02 Acquired: 10/18/2018 23:06:19 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BB-DRUM Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3420
Stddev	.2623
%RSD	19.546

#1	1.1565
#2	1.5275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.9	54919.	4705.1	116.08	3256.4
Stddev	8.0	260.	40.9	2.70	13.8
%RSD	.31552	.47408	.87018	2.3263	.42392

#1	2528.3	54735.	4676.2	117.99	3246.6
#2	2539.6	55103.	4734.1	114.17	3266.2

Sample Name: J5536-04 Acquired: 10/18/2018 23:10:28 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 351-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	-.00770	-.00271	.05509	.00524	-.00109	.02079	.11061	-.00013
Stddev	.00024	.00201	.00084	.00182	.00018	.00093	.00032	.00000
%RSD	3.0795	74.210	1.5170	34.680	16.435	4.4767	.29124	2.4235

#1	-.00787	-.00129	.05450	.00395	-.00121	.02144	.11038	-.00014
#2	-.00753	-.00413	.05568	.00652	-.00096	.02013	.11084	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	118.11	-.00058	.00454	.00440	-.01868	.36047	1.4825
Stddev	.00005	.21	.00001	.00016	.00067	.00428	.00047	.0486
%RSD	14.190	.17406	2.2499	3.5535	15.292	22.926	.13088	3.2759

#1	.00039	117.97	-.00057	.00442	.00487	-.01565	.36013	1.5168
#2	.00032	118.26	-.00059	.00465	.00392	-.02171	.36080	1.4481

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01031	-.00010	268.44	.00080	.25234	1.5102	.00124	.01083
Stddev	.00088	.00026	2.28	.00069	.00485	.0163	.00001	.00475
%RSD	8.5724	262.96	.85102	86.746	1.9217	1.0811	.48432	43.835

#1	.00969	-.00028	266.83	.00031	.24891	1.4987	.00125	.01419
#2	.01094	.00008	270.06	.00129	.25577	1.5218	.00124	.00747

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6267	1.4285	.00504	-.00223	.00662	.0033	.38523	<.00000
Stddev	.0074	.0057	.00056	.00012	.00061	.0018	.00052	.12767
%RSD	.45265	.39824	11.163	5.5497	9.1844	55.01	.13395	5.6021

#1	1.6215	1.4325	.00544	-.00232	.00705	.0045	.38559	-2.3692
#2	1.6319	1.4245	.00464	-.00214	.00619	.0020	.38486	-2.1886

Sample Name: J5536-04 Acquired: 10/18/2018 23:10:28 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 351-SOIL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3076
Stddev .4981
%RSD 21.584

#1 2.6597
#2 1.9554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.4	55198.	4783.5	117.69	3230.8
Stddev	.6	178.	20.3	1.91	1.7
%RSD	.02427	.32161	.42432	1.6241	.05370

#1	2540.8	55323.	4769.2	119.04	3232.0
#2	2540.0	55072.	4797.9	116.34	3229.5

Sample Name: J5542-01 Acquired: 10/18/2018 23:14:38 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00893	-.00050	.00034	.00391	-.00083	-.00785	.17674	-.00014
Stddev	.00106	.00043	.00061	.00246	.00022	.00287	.00249	.00007
%RSD	11.883	87.050	177.65	62.862	26.941	36.616	1.4076	48.725

#1	-.00968	-.00081	-.00009	.00564	-.00067	-.00988	.17498	-.00019
#2	-.00818	-.00019	.00077	.00217	-.00098	-.00582	.17850	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.29328	.00105	-.00021	.00143	.04984	.00250	.02804
Stddev	.00001	.01433	.00038	.00018	.00087	.00526	.00006	.01915
%RSD	97.926	4.8847	36.533	88.380	60.546	10.549	2.2821	68.282

#1	-.00001	.28315	.00132	-.00008	.00082	.05355	.00246	.04158
#2	-.00000	.30341	.00078	-.00034	.00204	.04612	.00254	.01450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	-.00089	232.87	.00019	.11518	.29897	.00030	.04003
Stddev	.00031	.00033	1.81	.00022	.00154	.01022	.00039	.00322
%RSD	12.559	37.049	.77816	114.18	1.3377	3.4181	129.20	8.0473

#1	.00227	-.00113	234.15	.00035	.11626	.30619	.00003	.04231
#2	.00271	-.00066	231.59	.00004	.11409	.29174	.00058	.03775

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	.01643	.00207	-.00120	.00202	.0034	.00274	<.00000
Stddev	.00104	.00103	.00014	.00042	.00112	.0000	.00004	.16008
%RSD	34.950	6.2879	6.7356	34.917	55.556	1.009	1.6017	5.1815

#1	.00224	.01716	.00217	-.00090	.00282	.0034	.00271	-3.2028
#2	.00372	.01570	.00197	-.00150	.00123	.0034	.00277	-2.9764

Sample Name: J5542-01 Acquired: 10/18/2018 23:14:38 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3326
Stddev	.5042
%RSD	37.840

#1	1.6891
#2	.97602

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.6	56194.	4844.5	120.35	3385.2
Stddev	6.3	222.	47.6	2.56	.8
%RSD	.24202	.39436	.98324	2.1298	.02356

#1	2615.1	56350.	4810.8	118.54	3385.8
#2	2624.1	56037.	4878.2	122.17	3384.6

Sample Name: J5542-02 Acquired: 10/18/2018 23:18:49 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-81753-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00866	-.00247	-.00036	.00462	-.00160	.01651	.49245	-.00014
Stddev	.00154	.00151	.00075	.00065	.00159	.00041	.00243	.00007
%RSD	17.777	61.339	210.38	14.092	99.267	2.4690	.49338	47.659

#1	-.00975	-.00140	-.00089	.00416	-.00272	.01622	.49416	-.00009
#2	-.00757	-.00353	.00017	.00508	-.00048	.01680	.49073	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	91.865	.00246	-.00017	.00941	-.01414	.55182	4.1890
Stddev	.00006	.016	.00008	.00011	.00018	.00056	.00002	.0190
%RSD	14.049	.01783	3.4077	65.195	1.9395	3.9802	.00400	.45439

#1	.00038	91.853	.00240	-.00025	.00928	-.01454	.55184	4.2024
#2	.00046	91.876	.00252	-.00009	.00954	-.01375	.55181	4.1755

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	-.00025	291.57	.00054	.39026	2.8237	.00025	.04619
Stddev	.00046	.00089	1.17	.00023	.00163	.0111	.00029	.00232
%RSD	10.981	352.52	.40164	43.359	.41824	.39348	115.95	5.0288

#1	.00386	-.00088	290.74	.00070	.38911	2.8316	.00005	.04783
#2	.00451	.00038	292.39	.00037	.39142	2.8159	.00046	.04455

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3932	3.7836	.00290	-.00470	.00715	.0097	.55560	<.00000
Stddev	.0113	.0039	.00172	.00024	.00124	.0029	.00024	.46412
%RSD	.81372	.10406	59.441	5.1972	17.287	29.65	.04298	33.959

#1	1.4012	3.7864	.00412	-.00487	.00628	.0076	.55577	-1.0385
#2	1.3852	3.7808	.00168	-.00453	.00803	.0117	.55543	-1.6949

Sample Name: J5542-02 Acquired: 10/18/2018 23:18:49 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-81753-20 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3323
Stddev	.2146
%RSD	9.2004

#1	2.4841
#2	2.1806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.1	54240.	4713.1	115.47	3205.9
Stddev	15.3	163.	26.6	.02	20.1
%RSD	.60579	.30129	.56478	.01646	.62769

#1	2520.3	54125.	4694.3	115.45	3191.7
#2	2542.0	54356.	4731.9	115.48	3220.2

Sample Name: J5542-03 Acquired: 10/18/2018 23:22:58 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-81753-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00861	-.00044	.00139	.00247	.00049	.01192	.35710	-.00009
Stddev	.00007	.00020	.00044	.00263	.00022	.00129	.00132	.00012
%RSD	.81976	46.102	31.426	106.65	45.431	10.854	.37019	135.67

#1	-.00866	-.00030	.00108	.00432	.00064	.01100	.35616	-.00017
#2	-.00856	-.00059	.00170	.00061	.00033	.01283	.35803	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	28.198	-.00037	.00028	.02528	.25003	.29761	1.9489
Stddev	.00008	.073	.00031	.00034	.00008	.00328	.00020	.0090
%RSD	10.066	.25853	82.299	123.33	.33172	1.3116	.06842	.45965

#1	.00070	28.146	-.00059	.00004	.02522	.25235	.29776	1.9552
#2	.00080	28.249	-.00016	.00052	.02534	.24771	.29747	1.9426

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00419	.00023	280.08	.00057	.43551	1.8636	.00011	.02730
Stddev	.00015	.00016	5.07	.00053	.00767	.0300	.00032	.00510
%RSD	3.5451	69.488	1.8116	92.209	1.7608	1.6088	279.33	18.692

#1	.00430	.00012	283.67	.00095	.44093	1.8424	.00034	.02369
#2	.00409	.00034	276.50	.00020	.43009	1.8848	-.00011	.03090

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1502	1.9505	.00223	-.00092	.00435	.0062	.18064	<.00000
Stddev	.0076	.0121	.00076	.00122	.00187	.0001	.00068	.22244
%RSD	.66360	.62092	34.295	132.68	42.927	1.168	.37542	10.774

#1	1.1556	1.9591	.00169	-.00178	.00568	.0061	.18016	-1.9072
#2	1.1448	1.9420	.00277	-.00006	.00303	.0062	.18112	-2.2218

Sample Name: J5542-03 Acquired: 10/18/2018 23:22:58 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-81753-19 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1015
Stddev .1497
%RSD 7.1247

#1 2.2073
#2 1.9956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.4	54695.	4755.8	118.32	3279.5
Stddev	4.3	141.	64.3	1.72	.3
%RSD	.16652	.25714	1.3526	1.4543	.00798

#1	2570.4	54595.	4710.3	117.10	3279.6
#2	2564.3	54794.	4801.2	119.53	3279.3

Sample Name: J5549-01 Acquired: 10/18/2018 23:27:08 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00518	-.00058	.12893	.00697	-.00173	.04307	.29029	-.00009
Stddev	.00140	.00035	.00064	.00062	.00111	.01739	.00146	.00003
%RSD	26.969	60.218	.49981	8.9462	63.841	40.382	.50394	35.577

#1	-.00616	-.00033	.12938	.00741	-.00095	.03077	.29132	-.00007
#2	-.00419	-.00083	.12847	.00653	-.00252	.05537	.28925	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	78.230	.00292	-.00004	.01303	-.00504	.30952	3.2188
Stddev	.00009	.240	.00019	.00017	.00069	.00546	.00485	.0268
%RSD	5.0022	.30705	6.3922	391.55	5.3225	108.49	1.5677	.83297

#1	.00177	78.060	.00305	-.00017	.01254	-.00117	.31295	3.1999
#2	.00190	78.400	.00279	.00008	.01352	-.00890	.30608	3.2378

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	-.00042	272.79	.00064	.77268	1.0973	-.00030	.01202
Stddev	.00094	.00013	1.20	.00008	.01064	.0117	.00007	.00278
%RSD	26.696	30.682	.44153	12.678	1.3776	1.0634	21.660	23.104

#1	.00420	-.00052	273.64	.00070	.76515	1.1055	-.00025	.01006
#2	.00287	-.00033	271.94	.00059	.78020	1.0890	-.00035	.01399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51620	1.5992	.00331	-.00148	.00399	.0160	.20465	<.00000
Stddev	.00376	.0149	.00098	.00072	.00009	.0017	.00050	.52600
%RSD	.72845	.93213	29.717	48.207	2.2444	10.36	.24399	24.720

#1	.51354	1.6098	.00400	-.00098	.00406	.0149	.20500	-1.7559
#2	.51886	1.5887	.00261	-.00199	.00393	.0172	.20429	-2.4997

Sample Name: J5549-01 Acquired: 10/18/2018 23:27:08 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6117
Stddev	.0525
%RSD	2.0102

#1	2.5745
#2	2.6488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.7	55037.	4756.6	118.28	3243.3
Stddev	7.3	681.	14.0	1.23	6.5
%RSD	.28411	1.2375	.29415	1.0379	.20010

#1	2551.6	54556.	4746.7	119.15	3238.7
#2	2561.9	55519.	4766.5	117.42	3247.8

Sample Name: J5549-02 Acquired: 10/18/2018 23:31:16 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00742	-.00346	.00114	.00582	-.00077	.04870	.04289	-.00005
Stddev	.00287	.00257	.00008	.00002	.00167	.00153	.00030	.00003
%RSD	38.765	74.205	6.9052	.33948	216.99	3.1511	.70733	64.574
#1	-.00538	-.00527	.00109	.00583	-.00195	.04978	.04268	-.00003
#2	-.00945	-.00164	.00120	.00581	.00041	.04761	.04311	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	67.077	-.00054	-.00020	.00535	-.01379	1.7900	5.9240
Stddev	.00003	.963	.00009	.00008	.00004	.00792	.0065	.1289
%RSD	19.641	1.4350	16.110	37.397	.69305	57.471	.36335	2.1754
#1	.00017	67.757	-.00060	-.00015	.00538	-.01939	1.7854	6.0151
#2	.00013	66.396	-.00048	-.00026	.00533	-.00818	1.7946	5.8329
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	-.00015	256.25	.00078	.03593	.89249	.00030	.00419
Stddev	.00025	.00046	3.11	.00067	.00099	.00339	.00004	.00492
%RSD	7.9396	301.27	1.2138	86.820	2.7534	.37962	14.227	117.63
#1	.00299	-.00048	258.45	.00125	.03663	.89010	.00033	.00070
#2	.00335	.00017	254.05	.00030	.03523	.89489	.00027	.00767
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53390	2.4389	.00236	-.00107	.00306	.0081	.07129	<.00000
Stddev	.00108	.0432	.00057	.00212	.00039	.0003	.00077	.08208
%RSD	.20318	1.7707	24.201	198.08	12.795	3.967	1.0792	9.7693
#1	.53314	2.4695	.00276	-.00257	.00334	.0078	.07183	-.78210
#2	.53467	2.4084	.00195	.00043	.00278	.0083	.07074	-.89817

Sample Name: J5549-02 Acquired: 10/18/2018 23:31:16 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CB-1018-S-TC Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3055
Stddev .1909
%RSD 8.2797

#1 2.4405
#2 2.1706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.4	54297.	4831.5	118.40	3208.9
Stddev	8.2	87.	87.1	2.64	21.6
%RSD	.32557	.15994	1.8029	2.2298	.67272

#1	2531.2	54358.	4769.9	116.54	3224.2
#2	2519.6	54235.	4893.1	120.27	3193.7

Sample Name: J5579-04 Acquired: 10/18/2018 23:35:27 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 7-1-ROLLOFFS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00876	-.00109	.04654	.00496	-.00062	.05759	.12838	-.00005
Stddev	.00185	.00169	.00008	.00024	.00082	.00498	.00063	.00003
%RSD	21.168	155.07	.16718	4.8942	131.94	8.6538	.48801	65.739
#1	-.01007	-.00229	.04660	.00479	-.00120	.06112	.12794	-.00003
#2	-.00745	.00011	.04649	.00513	-.00004	.05407	.12882	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	20.040	.00184	.00236	.00860	1.5309	.37024	2.7390
Stddev	.00007	.186	.00019	.00023	.00040	.0069	.00002	.0434
%RSD	8.5416	.92749	10.108	9.5651	4.6512	.45417	.00499	1.5838
#1	.00081	19.908	.00197	.00220	.00832	1.5259	.37025	2.7083
#2	.00092	20.171	.00171	.00252	.00888	1.5358	.37023	2.7696
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01250	-.00059	237.80	.00046	.13840	1.1420	.00038	.00618
Stddev	.00007	.00050	3.78	.00009	.00040	.0008	.00008	.00133
%RSD	.54518	84.924	1.5909	20.657	.28998	.06781	21.532	21.563
#1	.01245	-.00095	235.12	.00052	.13811	1.1415	.00032	.00524
#2	.01255	-.00024	240.47	.00039	.13868	1.1425	.00044	.00712
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13052	.34354	.00183	.00079	.00203	.0013	.09432	<.00000
Stddev	.00455	.00224	.00044	.00084	.00080	.0011	.00038	.23070
%RSD	3.4894	.65240	23.947	106.15	39.331	83.09	.40345	7.8318
#1	.12730	.34195	.00214	.00020	.00146	.0005	.09405	-2.7825
#2	.13374	.34512	.00152	.00139	.00259	.0020	.09459	-3.1088

Sample Name: J5579-04 Acquired: 10/18/2018 23:35:27 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 7-1-ROLLOFFS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7082
Stddev	.6416
%RSD	37.557

#1	1.2546
#2	2.1619

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.1	55759.	4786.9	116.95	3313.1
Stddev	12.0	272.	51.5	.08	16.9
%RSD	.46294	.48766	1.0749	.07054	.51104

#1	2586.6	55567.	4823.3	116.89	3301.1
#2	2603.6	55951.	4750.6	117.01	3325.0

Sample Name: CCV14 Acquired: 10/18/2018 23:39:37 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6303	5.0563	4.6018	4.6375	4.6322	9.1074	9.2592
Stddev	.0085	.0064	.0020	.0206	.0006	.0083	.0194
%RSD	.18261	.12655	.04270	.44511	.01396	.09172	.20907

#1	4.6362	5.0608	4.6031	4.6521	4.6326	9.1133	9.2455
#2	4.6243	5.0517	4.6004	4.6229	4.6317	9.1015	9.2729

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23713	2.3020	23.817	1.0443	2.3057	1.1755	4.7492
Stddev	.00024	.0018	.019	.0012	.0014	.0015	.0442
%RSD	.10197	.07815	.07999	.11099	.05977	.13223	.93047

#1	.23696	2.3007	23.804	1.0452	2.3047	1.1766	4.7180
#2	.23730	2.3033	23.831	1.0435	2.3066	1.1744	4.7805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3947	23.789	2.2992	1.2792	23.486	2.3554	2.4103
Stddev	.0063	.165	.0073	.0011	.111	.0004	.0261
%RSD	.26252	.69282	.31668	.08289	.47081	.01629	1.0835

#1	2.3902	23.673	2.2941	1.2799	23.408	2.3551	2.3919
#2	2.3991	23.906	2.3044	1.2784	23.564	2.3556	2.4288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.324	4.6768	4.6759	F 4.4074	4.7684	4.6461	4.7042
Stddev	.043	.0054	.0314	.0102	.0331	.0053	.0144
%RSD	.18599	.11575	.67119	.23148	.69337	.11350	.30650

#1	23.293	4.6806	4.6537	4.4146	4.7450	4.6424	4.6941
#2	23.355	4.6730	4.6980	4.4001	4.7918	4.6498	4.7144

Sample Name: CCV14 Acquired: 10/18/2018 23:39:37 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.6800	4.675	4.6108	F<.00000	F 3.3205
Stddev	.0111	.011	.0139	.24240	.5707
%RSD	.23625	.2258	.30081	4.9293	17.187

#1	4.6721	4.683	4.6010	-5.0889	3.7241
#2	4.6878	4.668	4.6206	-4.7461	2.9170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.0	58626.	4852.7	117.82	3442.1
Stddev	10.2	7.	10.5	1.01	9.9
%RSD	.37637	.01178	.21563	.85739	.28643

#1	2712.8	58631.	4860.1	118.53	3435.1
#2	2727.3	58621.	4845.3	117.10	3449.1

Sample Name: CCB14 Acquired: 10/18/2018 23:43:22 Type: Unk
Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7579 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	.00120	-.00075	-.00085	-.00046	-.00947	-.00105
Stddev	.00240	.00017	.00029	.00072	.00035	.00291	.00022
%RSD	86.961	14.337	39.084	85.006	76.185	30.700	21.397

#1	-.00445	.00132	-.00095	-.00136	-.00071	-.00741	-.00121
#2	-.00106	.00108	-.00054	-.00034	-.00021	-.01152	-.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00009	.00653	-.00005	-.00005	.00024	-.00629
Stddev	.00006	.00008	.01146	.00005	.00007	.00017	.01280
%RSD	106.69	82.946	175.50	96.142	135.68	71.727	203.55

#1	-.00001	.00015	.01463	-.00002	-.00010	.00036	.00276
#2	-.00010	.00004	-.00157	-.00009	-.00000	.00012	-.01534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.04516	.00215	-.00015	-.09537	.00061	-.00089
Stddev	.00004	.00389	.00023	.00006	.00907	.00069	.00003
%RSD	74.448	8.6180	10.736	42.193	9.5070	114.46	2.9310

#1	.00002	.04241	.00232	-.00010	-.08896	.00012	-.00087
#2	.00007	.04791	.00199	-.00019	-.10178	.00110	-.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05870	.00158	-.00305	F -.16045	-.00371	.00093	-.00070
Stddev	.00947	.00066	.00161	.00333	.00149	.00023	.00114
%RSD	16.139	41.809	52.744	2.0741	40.195	25.122	163.38

#1	.06540	.00205	-.00418	-.16281	-.00477	.00076	-.00151
#2	.05200	.00112	-.00191	-.15810	-.00266	.00109	.00011

Sample Name: CCB14 Acquired: 10/18/2018 23:43:22 Type: Unk
 Method: P4-ICP2(v2507) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7579 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00142	-.0014	.00004	F<.00000	F .06946
Stddev	.00085	.0009	.00004	2.0807	.53990
%RSD	59.942	64.50	81.803	26.607	777.29

#1	.00082	-.0020	.00007	-6.3489	.45123
#2	.00202	-.0007	.00002	-9.2915	-.31231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.8	60272.	4917.8	124.65	3776.5
Stddev	106.6	1937.	106.8	4.07	149.8
%RSD	3.8033	3.2131	2.1725	3.2667	3.9655

#1	2878.1	58903.	4842.3	121.77	3882.4
#2	2727.4	61642.	4993.4	127.53	3670.6