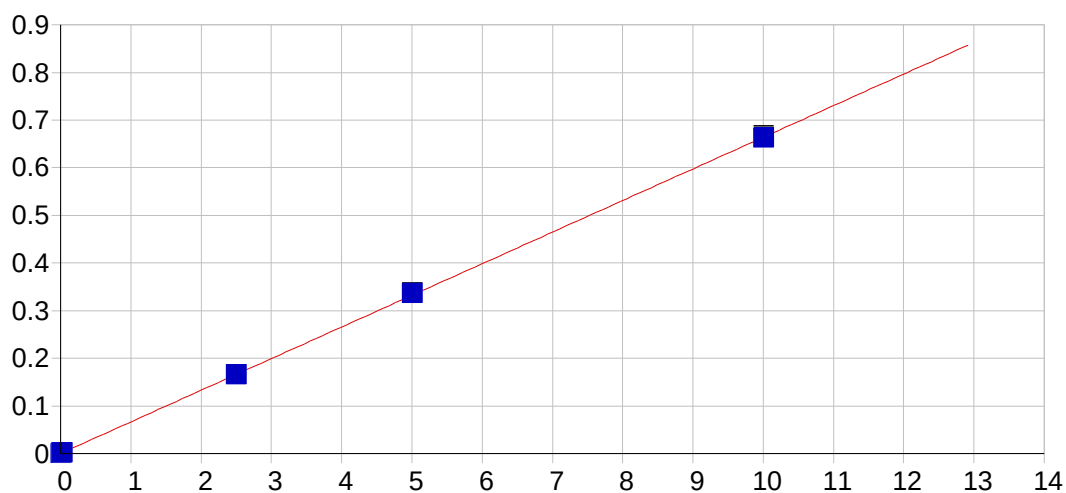


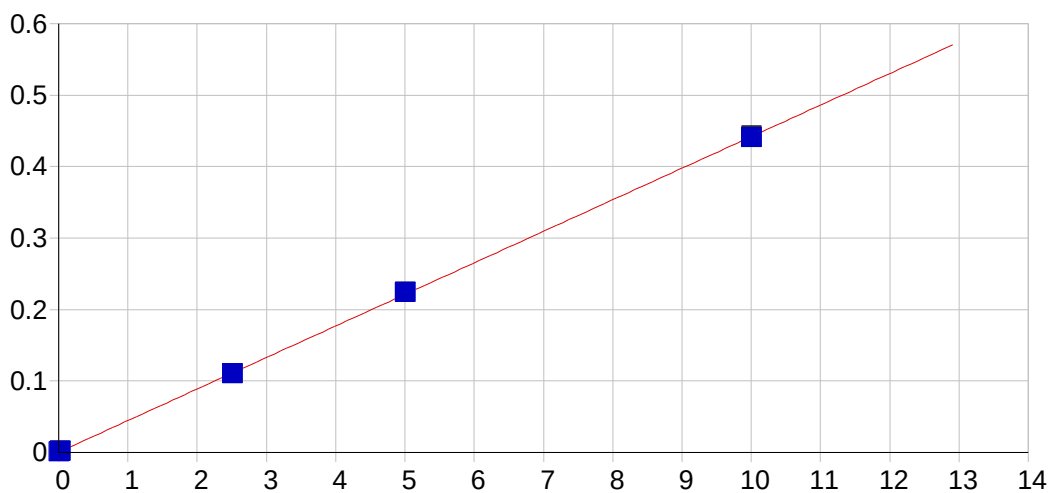


As 189.042 {478}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.066378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002845
 Predicted MQL: 0.009484

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.02000	.01953	-.000	-2.33	.00145	.000	1
S3	2.5000	2.4821	-.018	-.718	.16490	.001	1
S4	5.0000	5.0488	.049	.976	.33527	.001	1
S5	10.000	9.9696	-.030	-.304	.66188	.004	1



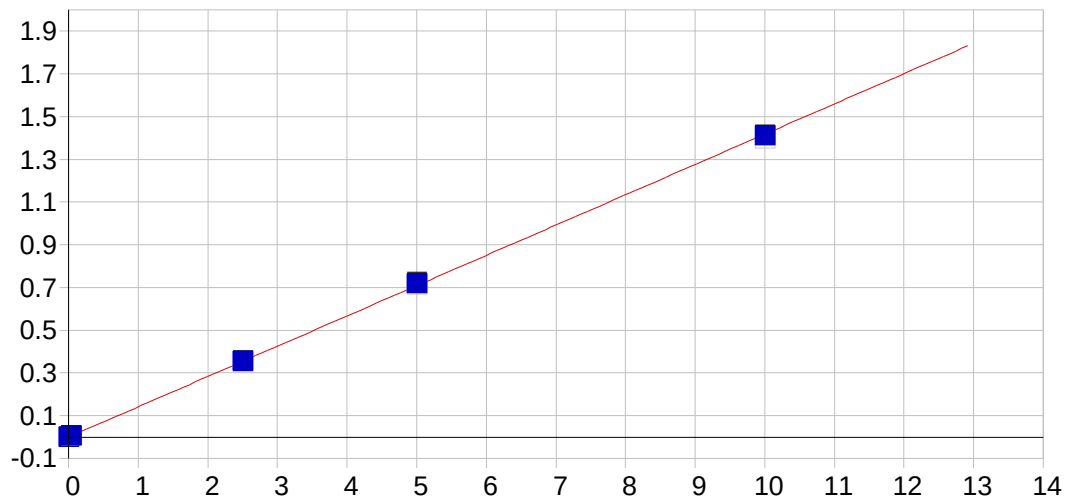
As 189.042 {479}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000462 Re-Slope: 1.000000

A1 (Gain): 0.044143 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.002712
 Predicted MQL: 0.009041

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.02000	.02148	.001	7.41	.00141	.000	1
S3	2.5000	2.4769	-.023	-.926	.10980	.000	1
S4	5.0000	5.0563	.056	1.13	.22367	.000	1
S5	10.000	9.9654	-.035	-.346	.44037	.002	1

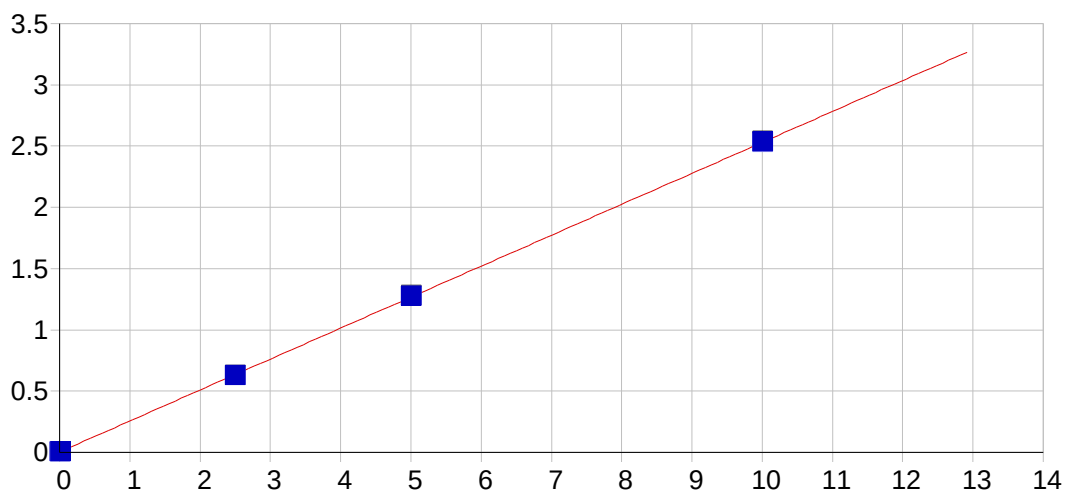


TI 190.856 {477}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070 Re-Slope: 1.000000
 A1 (Gain): 0.141802 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.001104
 Predicted MQL: 0.003680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.04000	.04285	.003	7.13	.00586	.000	1
S3	2.5000	2.4966	-.003	-.136	.35032	.001	1
S4	5.0000	5.0676	.068	1.35	.71126	.006	1
S5	10.000	9.9330	-.067	-.670	1.3939	.005	1

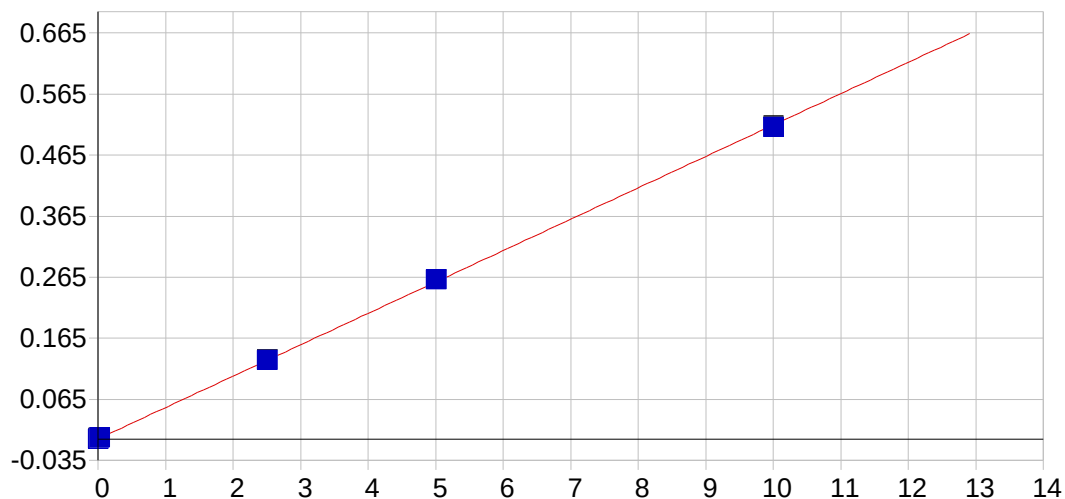


Pb 220.353 {453}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003976 Re-Slope: 1.000000
 A1 (Gain): 0.252623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.000968
 Predicted MQL: 0.003228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00398	.000	1
S1	.01200	.01191	-.000	-.722	.00693	.000	1
S3	2.5000	2.4594	-.041	-1.62	.62448	.001	1
S4	5.0000	5.0336	.034	.671	1.2740	.004	1
S5	10.000	10.007	.007	.071	2.5288	.005	1



Se 196.090 {472}

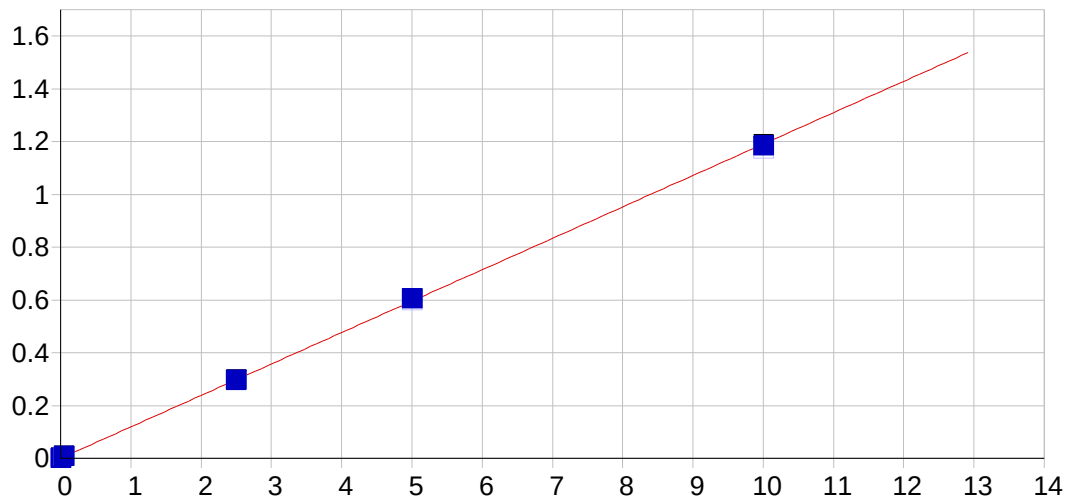
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.051408 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000013
 Predicted MDL: 0.003375
 Predicted MQL: 0.011250

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.02000	.02287	.003	14.3	.00124	.000	1
S3	2.5000	2.5088	.009	.354	.12898	.000	1
S4	5.0000	5.0642	.064	1.28	.26028	.001	1
S5	10.000	9.9241	-.076	-.759	.50998	.003	1



Sb 206.833 {463}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

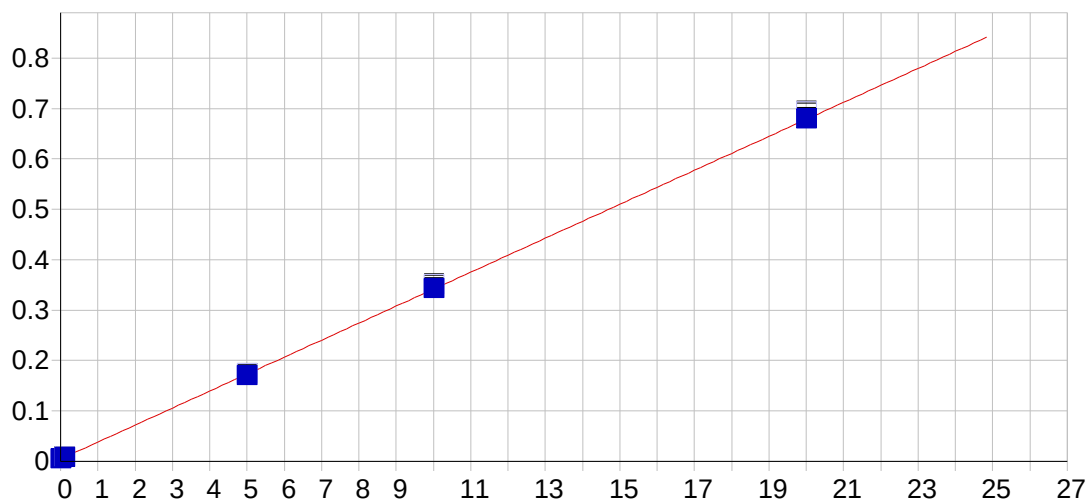
Weighting: 1/Conc

A0 (Offset): 0.000285
 A1 (Gain): 0.119035
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000037
 Predicted MDL: 0.001829
 Predicted MQL: 0.006096

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	.00028	.000	1
S1	.05000	.05034	.000	.686	.00613	.000	1
S3	2.5000	2.4905	-.010	-.381	.29339	.000	1
S4	5.0000	5.0637	.064	1.27	.59636	.001	1
S5	10.000	9.9455	-.055	-.545	1.1708	.004	1

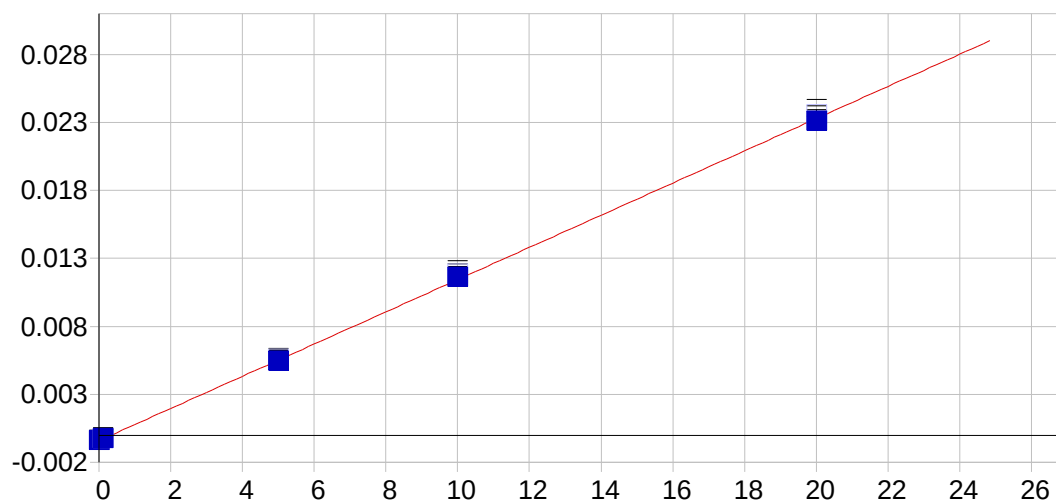


AI 308.215 {109}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004680 Re-Slope: 1.000000
 A1 (Gain): 0.033694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003498
 Predicted MQL: 0.011661

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00468	.000	1
S1	.10000	.10206	.002	2.06	.00835	.000	1
S3	5.0000	4.9262	-.074	-1.48	.17402	.000	1
S4	10.000	10.053	.053	.530	.35011	.001	1
S5	20.000	20.019	.019	.093	.69260	.002	1



AI 309.271 {109}

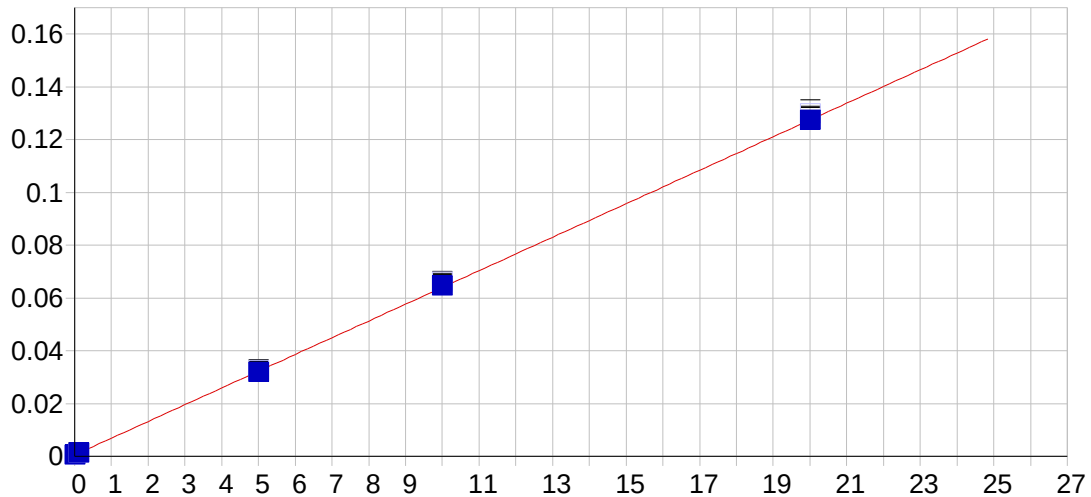
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000411 Re-Slope: 1.000000
 A1 (Gain): 0.001185 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766
 Std Error of Est: 0.000002
 Predicted MDL: 0.049422
 Predicted MQL: 0.164740

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00041	.000	1
S1	.10000	.13589	.036	35.9	-.00024	.000	1
S3	5.0000	4.9526	-.047	-.947	.00557	.000	1
S4	10.000	10.161	.161	1.61	.01186	.000	1
S5	20.000	19.848	-.152	-.758	.02357	.000	1



AI 396.152 { 85}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

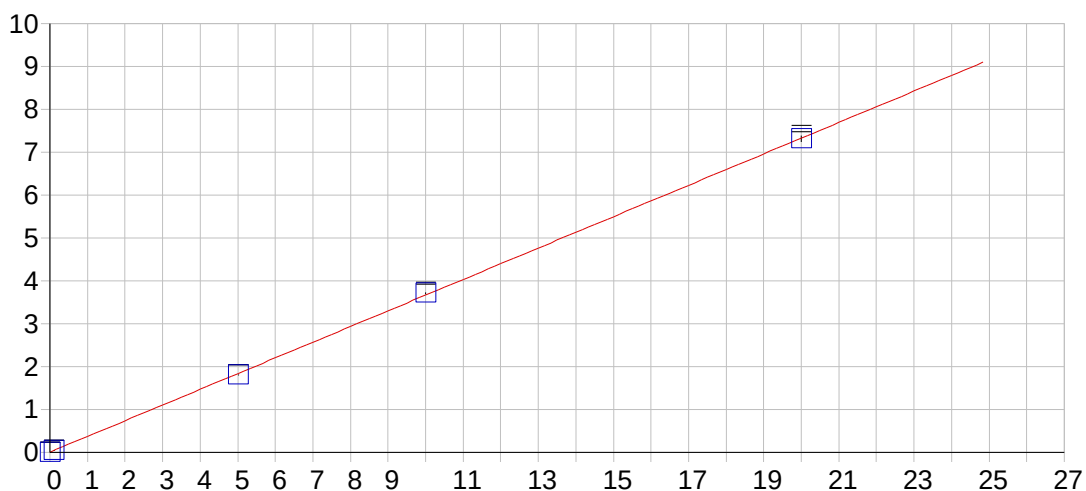
Weighting: 1/Conc

A0 (Offset): 0.000526
 A1 (Gain): 0.006345
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000004
 Predicted MDL: 0.016577
 Predicted MQL: 0.055256

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	.00053	.000	1
S1	.10000	.09874	-.001	-1.26	.00120	.000	1
S3	5.0000	4.9327	-.067	-1.35	.03246	.000	1
S4	10.000	10.095	.095	.948	.06584	.000	1
S5	20.000	19.974	-.026	-.131	.12979	.001	1

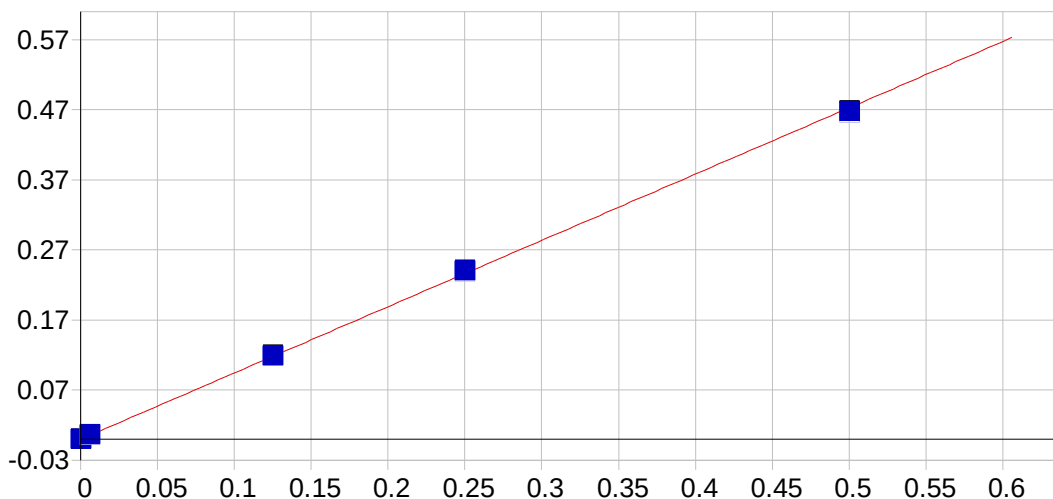


Ba 493.409 { 68}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006332 Re-Slope: 1.000000
 A1 (Gain): 0.366090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000255
 Predicted MDL: 0.001203
 Predicted MQL: 0.004011

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00633	.000	1
S1	.10000	.10437	.004	4.37	.04454	.000	1
S3	5.0000	4.9211	-.079	-1.58	1.8079	.003	1
S5	20.000	19.957	-.043	-.216	7.3123	.071	1
S4	10.000	10.118	.118	1.18	3.7104	.021	1



Be 234.861 {144}

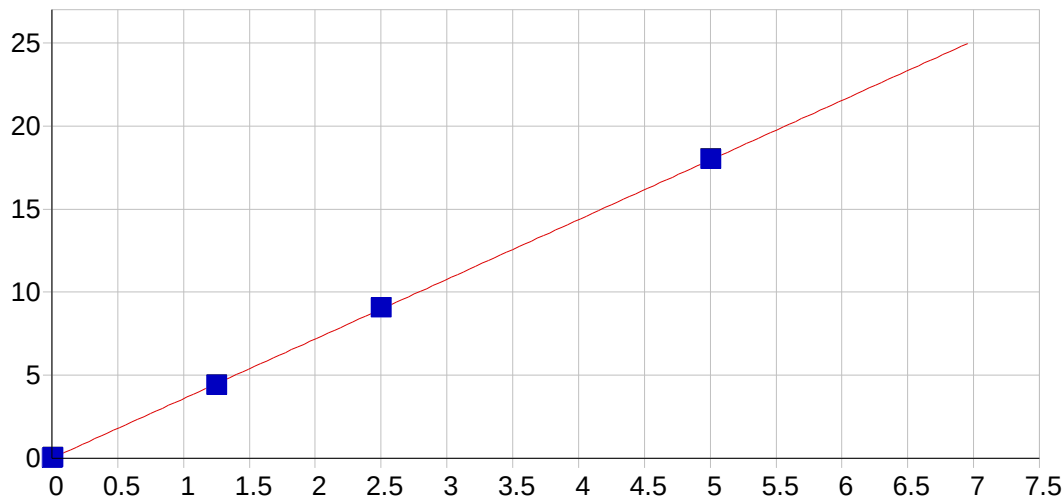
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.945772 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000040
 Predicted MDL: 0.000075
 Predicted MQL: 0.000249

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.00600	.00648	.000	8.00	.00604	.000	1
S3	.12500	.12603	.001	.821	.11842	.001	1
S4	.25000	.25416	.004	1.66	.23886	.001	1
S5	.50000	.49433	-.006	-1.13	.46452	.001	1



Cd 226.502 {449}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

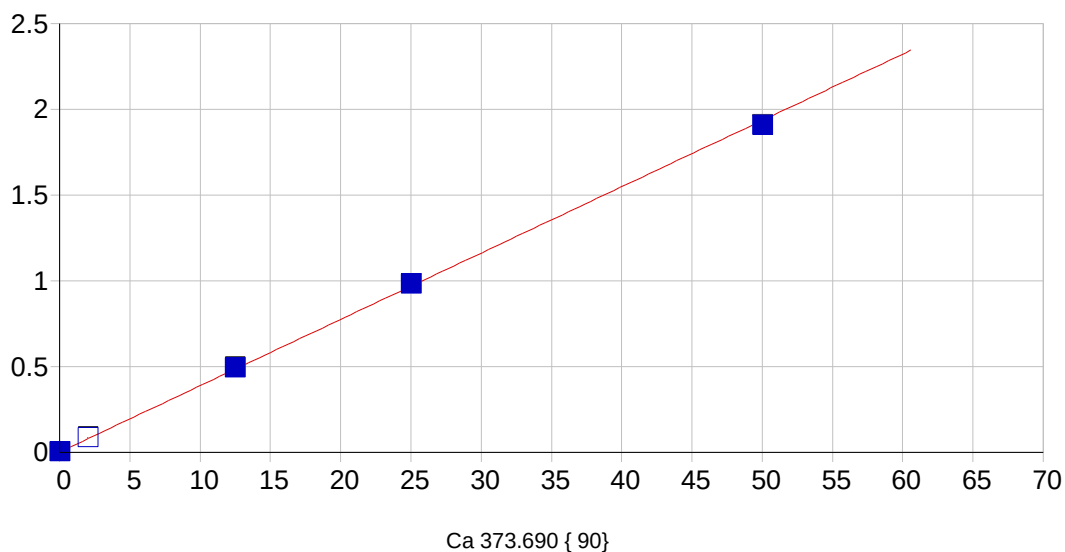
Weighting: 1/Conc

A0 (Offset): 0.002116
 A1 (Gain): 3.589826
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000321
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

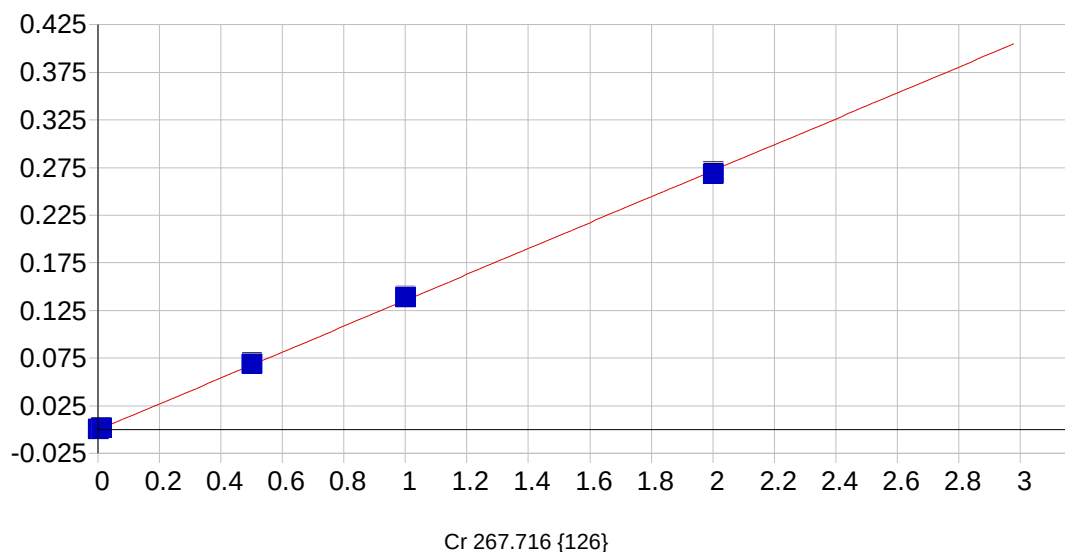
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00212	.000	1
S1	.00600	.00603	.000	.549	.02381	.000	1
S3	1.2500	1.2213	-.029	-2.29	4.3875	.007	1
S4	2.5000	2.5167	.017	.667	9.0386	.018	1
S5	5.0000	5.0120	.012	.239	17.998	.027	1



Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002005 Re-Slope: 1.000000
 A1 (Gain): 0.038670 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000444
 Predicted MDL: 0.024057
 Predicted MQL: 0.080190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2041	.204	10.2	.08724	.001	1
S0	.00000	-.00023	-.000	.000	.00200	.000	1
S3	12.500	12.703	.203	1.62	.49349	.001	1
S4	25.000	25.333	.333	1.33	.98216	.001	1
S5	50.000	49.260	-.740	-1.48	1.9079	.004	1



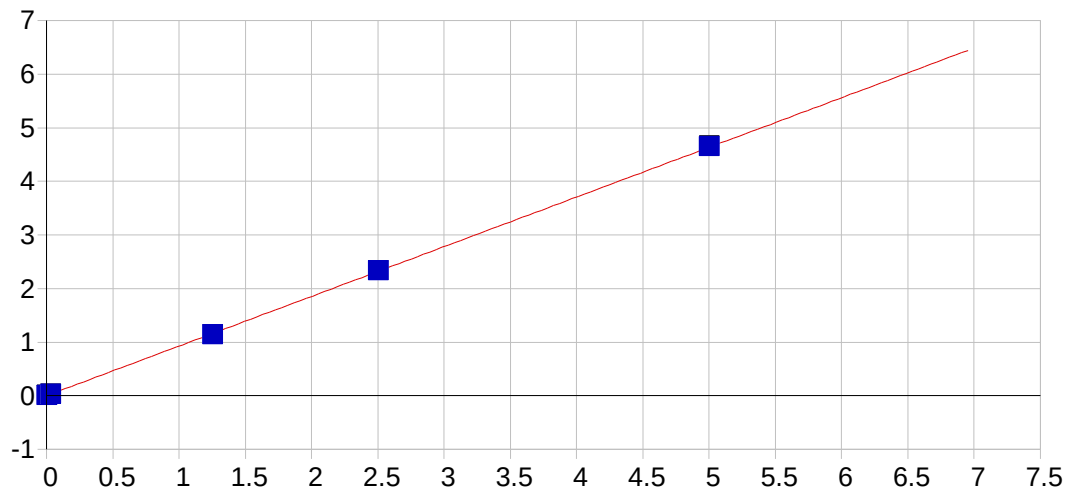
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000383 Re-Slope: 1.000000
 A1 (Gain): 0.136024 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.000017
 Predicted MDL: 0.000646
 Predicted MQL: 0.002152

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.01000	.01038	.000	3.85	.00104	.000	1
S3	.50000	.50808	.008	1.62	.06926	.000	1
S4	1.0000	1.0205	.020	2.05	.13950	.000	1
S5	2.0000	1.9711	-.029	-1.45	.26987	.001	1



Co 228.616 {447}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

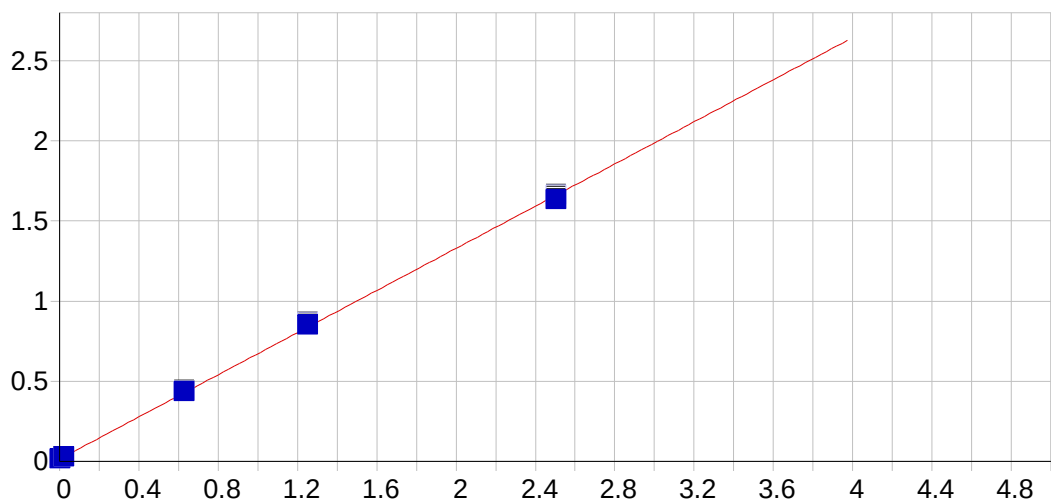
Weighting: 1/Conc

A0 (Offset): -0.000037
 A1 (Gain): 0.926668
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000175
 Predicted MDL: 0.000248
 Predicted MQL: 0.000828

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	-.00004	.000	1
S1	.03000	.02974	-.000	-.859	.02734	.000	1
S3	1.2500	1.2226	-.027	-2.19	1.1338	.003	1
S4	2.5000	2.5128	.013	.513	2.3303	.007	1
S5	5.0000	5.0148	.015	.297	4.6507	.005	1

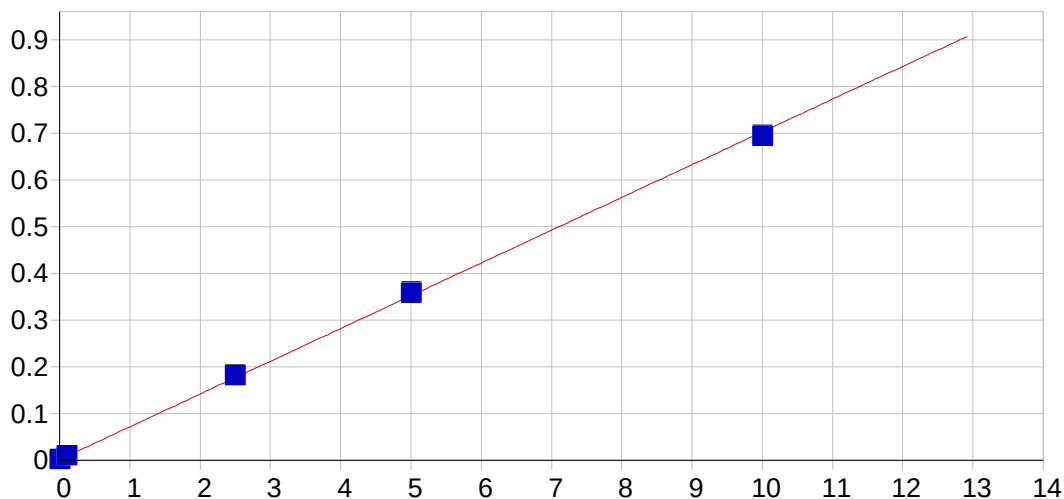


Cu 224.700 {450}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014595 Re-Slope: 1.000000
 A1 (Gain): 0.657621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.000421
 Predicted MQL: 0.001404

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01459	.000	1
S1	.02000	.02120	.001	6.00	.02874	.000	1
S3	.62500	.63850	.014	2.16	.44113	.001	1
S4	1.2500	1.2742	.024	1.94	.86583	.001	1
S5	2.5000	2.4611	-.039	-1.56	1.6596	.006	1



Fe 240.488 {140}

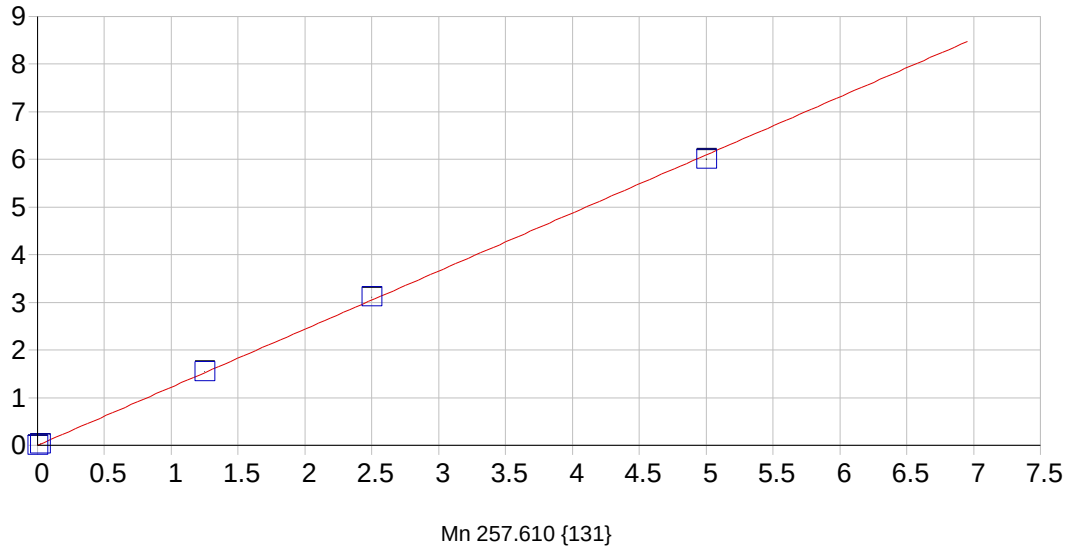
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001638 Re-Slope: 1.000000
 A1 (Gain): 0.070104 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849
 Std Error of Est: 0.000066
 Predicted MDL: 0.000996
 Predicted MQL: 0.003321

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00164	.000	1
S1	.10000	.10906	.009	9.06	.00932	.000	1
S3	2.5000	2.5530	.053	2.12	.18127	.000	1
S4	5.0000	5.0816	.082	1.63	.35919	.001	1
S5	10.000	9.8563	-.144	-1.44	.69522	.001	1



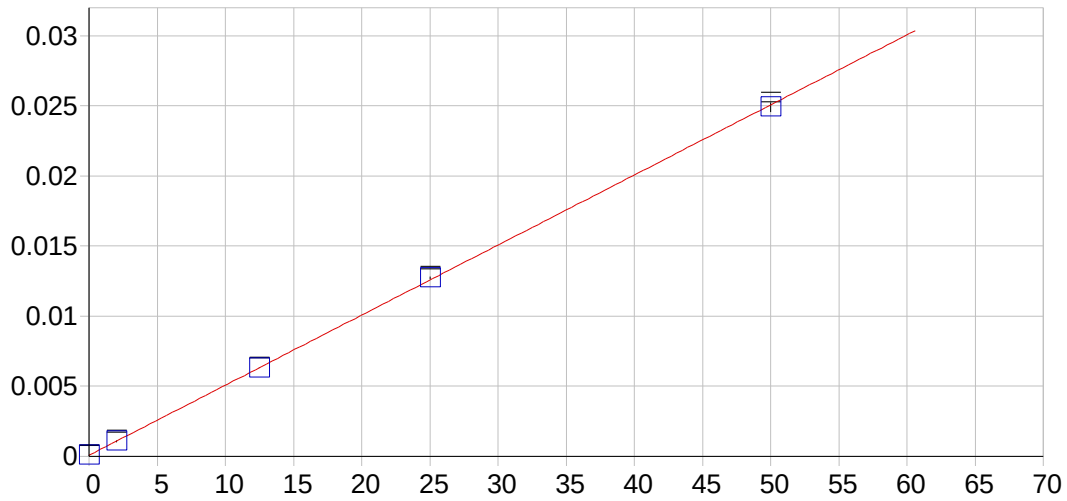
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002136
 A1 (Gain): 1.218603
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000365
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

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	.00213	.000	1
S1	.02000	.02247	.002	12.3	.02951	.000	1
S3	1.2500	1.2699	.020	1.59	1.5496	.004	1
S4	2.5000	2.5504	.050	2.01	3.1100	.009	1
S5	5.0000	4.9273	-.073	-1.45	6.0065	.014	1

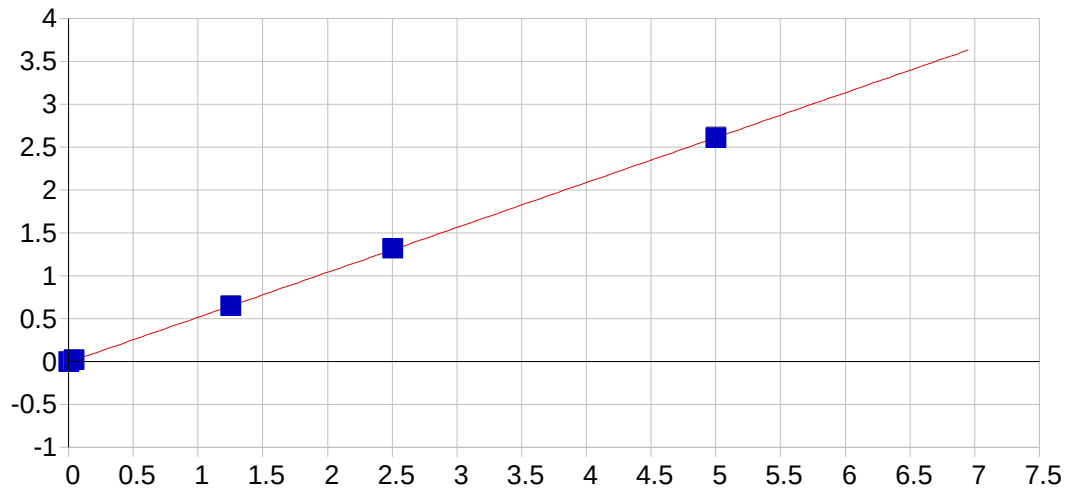


Mg 279.079 {121}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.000500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.066268
 Predicted MQL: 0.220895

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9939	-.006	-.303	.00108	.000	1
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S3	12.500	12.472	-.028	-.227	.00631	.000	1
S4	25.000	25.344	.344	1.38	.01275	.000	1
S5	50.000	49.690	-.310	-.620	.02491	.000	1



Ni 231.604 {445}

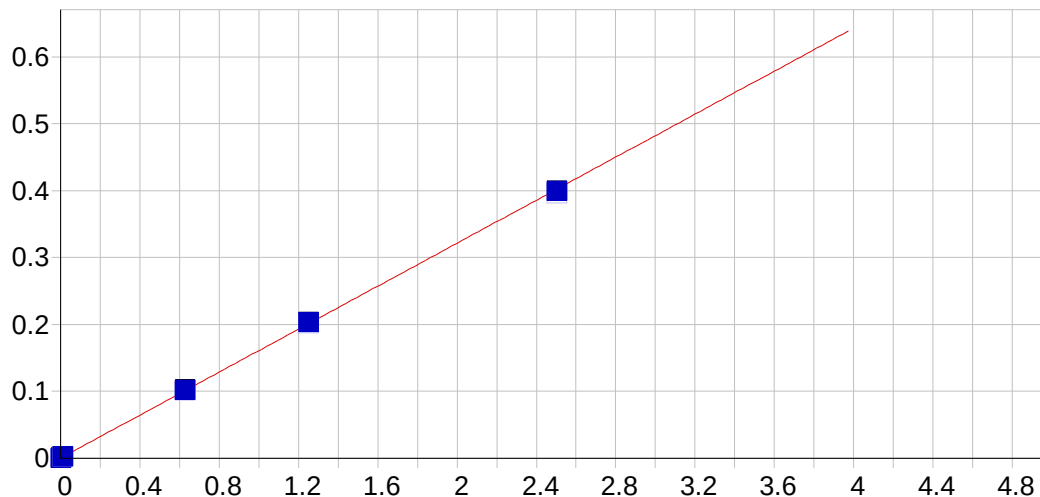
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007833 Re-Slope: 1.000000
 A1 (Gain): 0.523739 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000069
 Predicted MDL: 0.000477
 Predicted MQL: 0.001590

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00783	.000	1
S1	.04000	.04088	.001	2.21	.01359	.000	1
S3	1.2500	1.2415	-.008	-.680	.64311	.002	1
S4	2.5000	2.5196	.020	.783	1.3132	.003	1
S5	5.0000	4.9880	-.012	-.239	2.6075	.006	1



Ag 328.068 {103}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

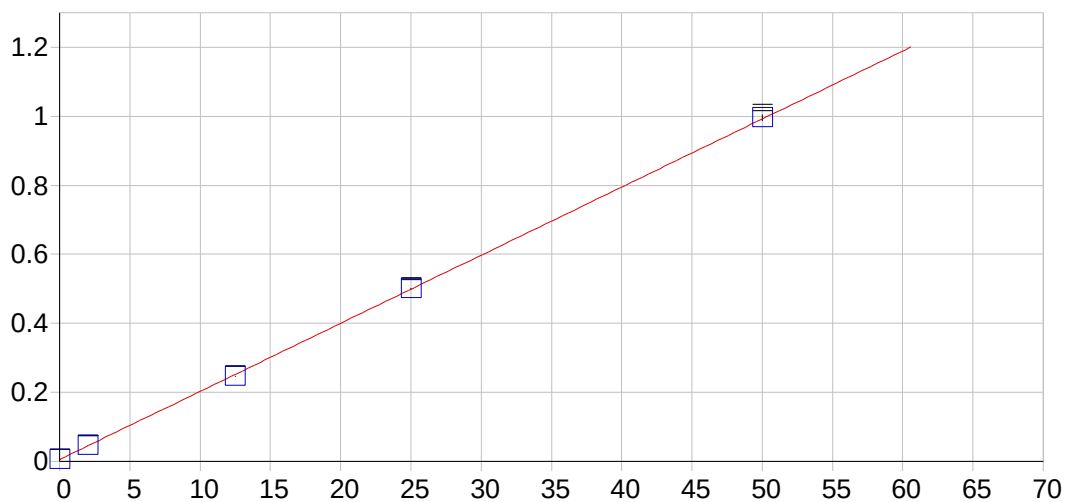
Weighting: 1/Conc

A0 (Offset): 0.000254
 A1 (Gain): 0.160644
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000011
 Predicted MDL: 0.000826
 Predicted MQL: 0.002753

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	.00025	.000	1
S1	.01000	.01022	.000	2.16	.00186	.000	1
S3	.62500	.62959	.005	.735	.10026	.001	1
S4	1.2500	1.2622	.012	.972	.20073	.000	1
S5	2.5000	2.4830	-.017	-.678	.39458	.000	1

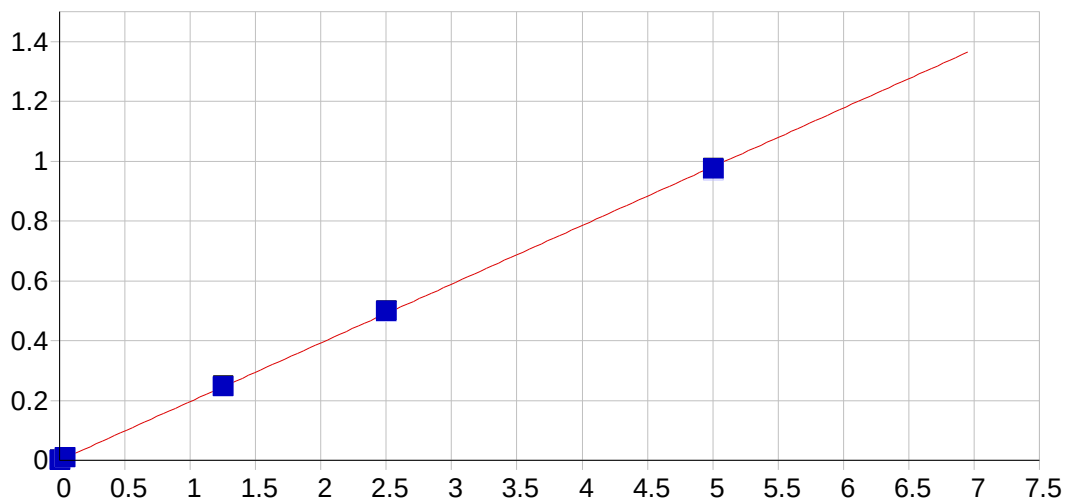


Na 589.592 { 57}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005452 Re-Slope: 1.000000
 A1 (Gain): 0.019733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.014436
 Predicted MQL: 0.048120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0268	.027	1.34	.04545	.000	1
S0	.00000	.00001	.000	.000	.00545	.000	1
S3	12.500	12.218	-.282	-2.26	.24654	.001	1
S4	25.000	25.060	.060	.239	.49995	.003	1
S5	50.000	50.195	.195	.391	.99594	.010	1



V 292.402 {115}

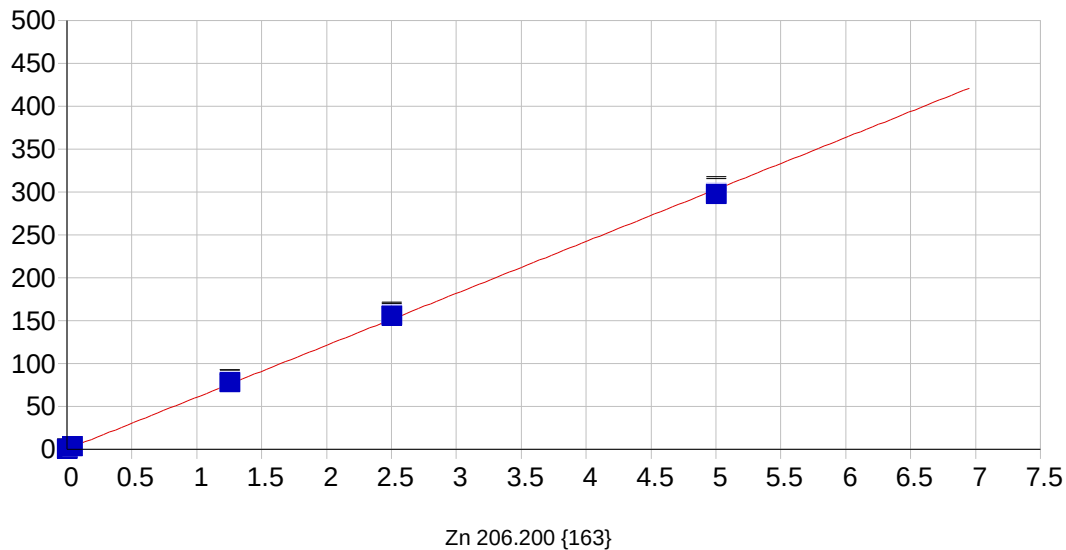
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.196284 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000049
 Predicted MDL: 0.000561
 Predicted MQL: 0.001869

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.04000	.04100	.001	2.51	.00802	.000	1
S3	1.2500	1.2569	.007	.553	.24521	.001	1
S4	2.5000	2.5355	.036	1.42	.49457	.001	1
S5	5.0000	4.9566	-.043	-.869	.96657	.002	1



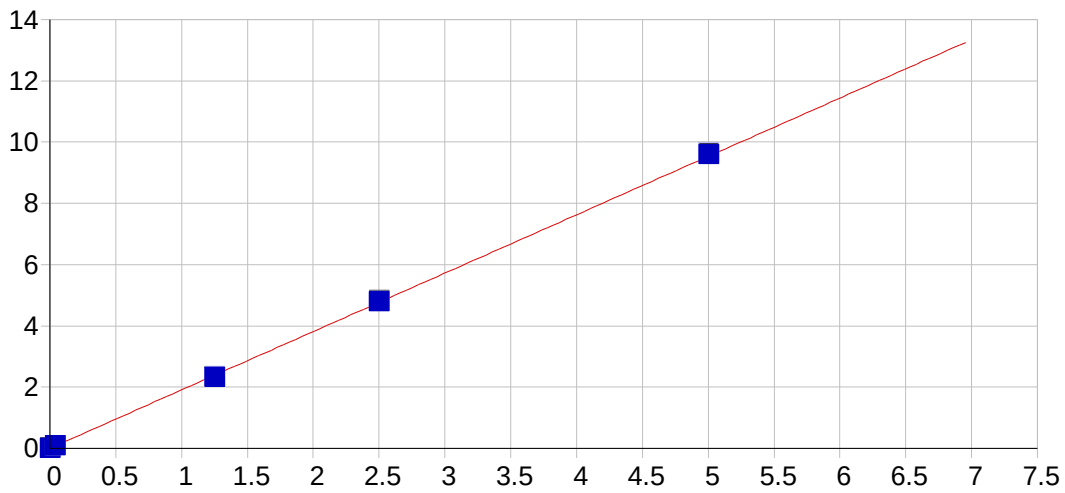
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.125021
 A1 (Gain): 60.565483
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748
 Std Error of Est: 0.033120
 Predicted MDL: 0.000496
 Predicted MQL: 0.001653

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	.12479	.078	1
S1	.04000	.04260	.003	6.51	2.7212	.081	1
S3	1.2500	1.2797	.030	2.37	78.088	2.63	1
S4	2.5000	2.5654	.065	2.61	156.41	3.01	1
S5	5.0000	4.9024	-.098	-1.95	298.87	6.86	1

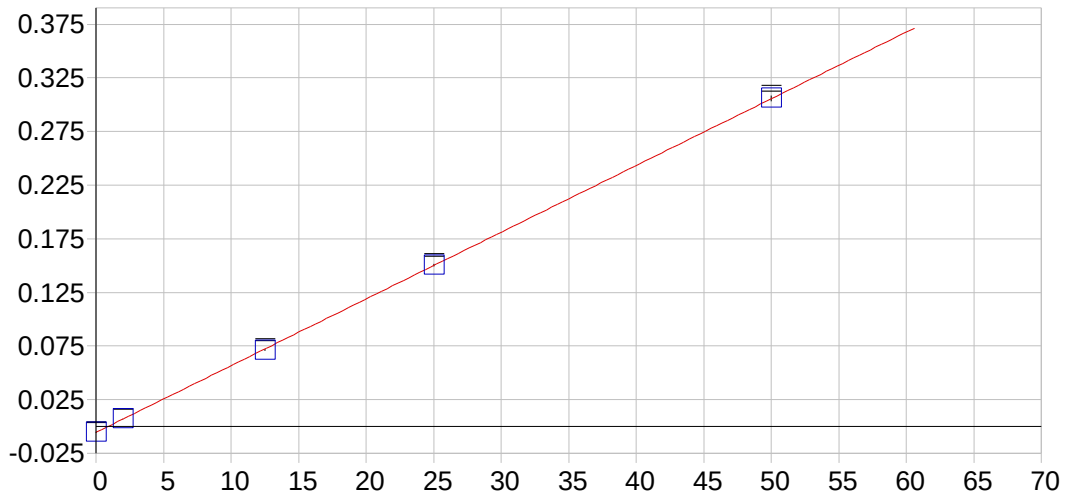


Zn 213.856 {458}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003158 Re-Slope: 1.000000
 A1 (Gain): 1.905933 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000495
 Predicted MDL: 0.000103
 Predicted MQL: 0.000342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00316	.000	1
S1	.04000	.03893	-.001	-2.67	.07790	.000	1
S3	1.2500	1.2179	-.032	-2.57	2.3396	.002	1
S4	2.5000	2.5064	.006	.255	4.8105	.013	1
S5	5.0000	5.0268	.027	.535	9.6447	.016	1



K 766.490 {44}

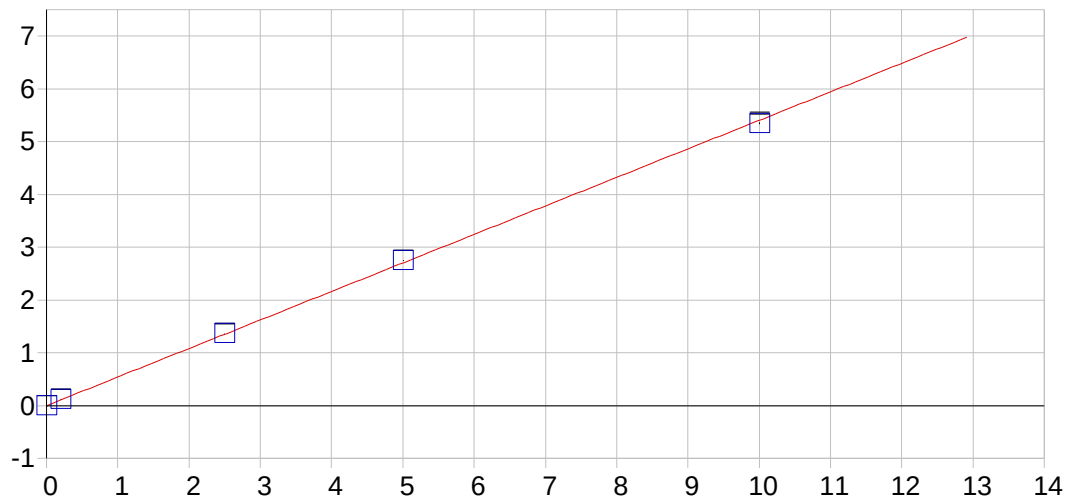
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005524 Re-Slope: 1.000000
 A1 (Gain): 0.006220 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000019
 Predicted MDL: 0.049999
 Predicted MQL: 0.166664

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0120	.012	.598	.00699	.000	1
S0	.00000	.00001	.000	.000	-.00552	.000	1
S3	12.500	12.328	-.172	-1.37	.07116	.001	1
S4	25.000	25.073	.073	.291	.15044	.001	1
S5	50.000	50.087	.087	.174	.30603	.003	1



Mo 202.030 {467}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

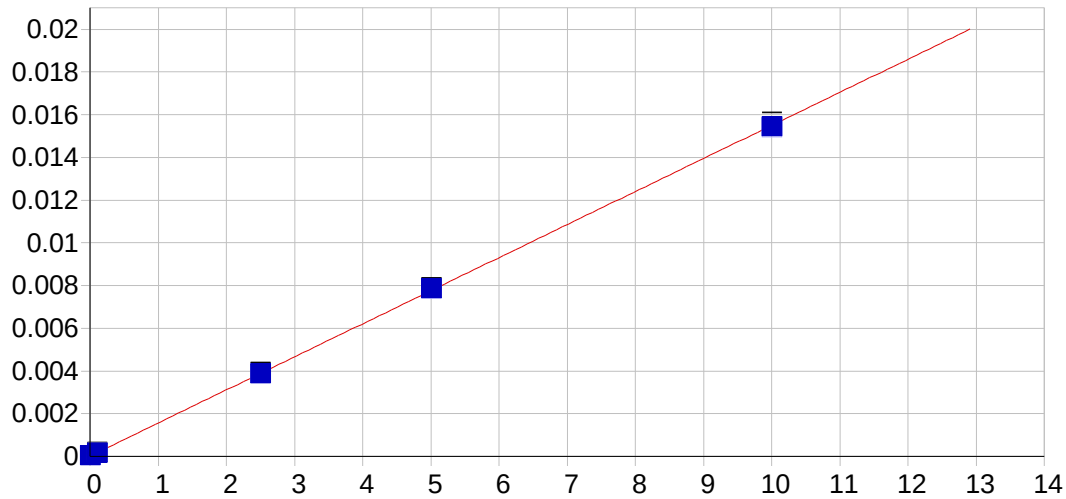
Weighting: 1/Conc

A0 (Offset): -0.000074
 A1 (Gain): 0.540302
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000536
 Predicted MDL: 0.000324
 Predicted MQL: 0.001079

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	-.00008	.000	1
S1	.20000	.20722	.007	3.61	.11189	.001	1
S3	2.5000	2.5161	.016	.643	1.3594	.001	1
S4	5.0000	5.0845	.084	1.69	2.7471	.004	1
S5	10.000	9.8922	-.108	-1.08	5.3447	.017	1

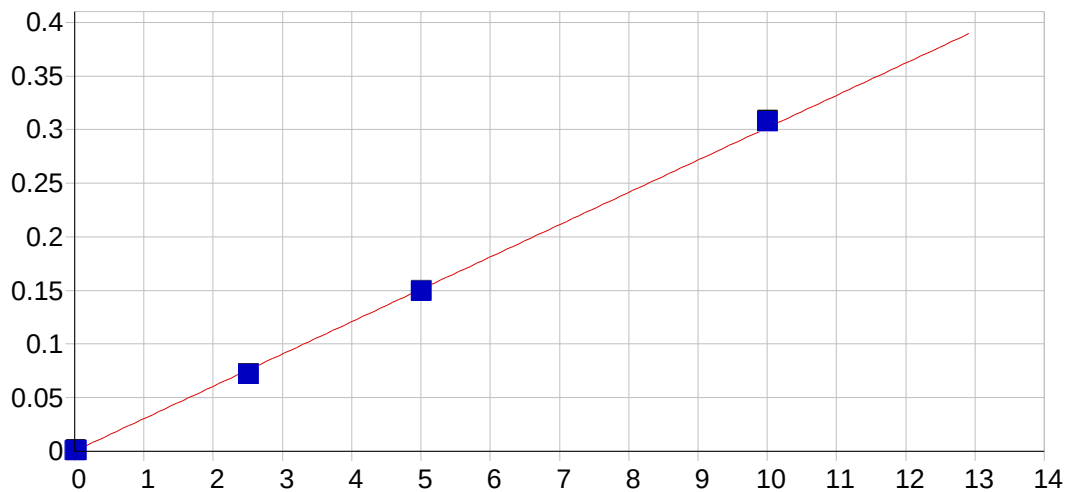


B 249.678 {135}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.001548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.016577
 Predicted MQL: 0.055256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.10000	.09542	-.005	-4.58	.00016	.000	1
S3	2.5000	2.4904	-.010	-.386	.00386	.000	1
S4	5.0000	5.0632	.063	1.26	.00784	.000	1
S5	10.000	9.9510	-.049	-.490	.01538	.000	1



S 182.034 {485}

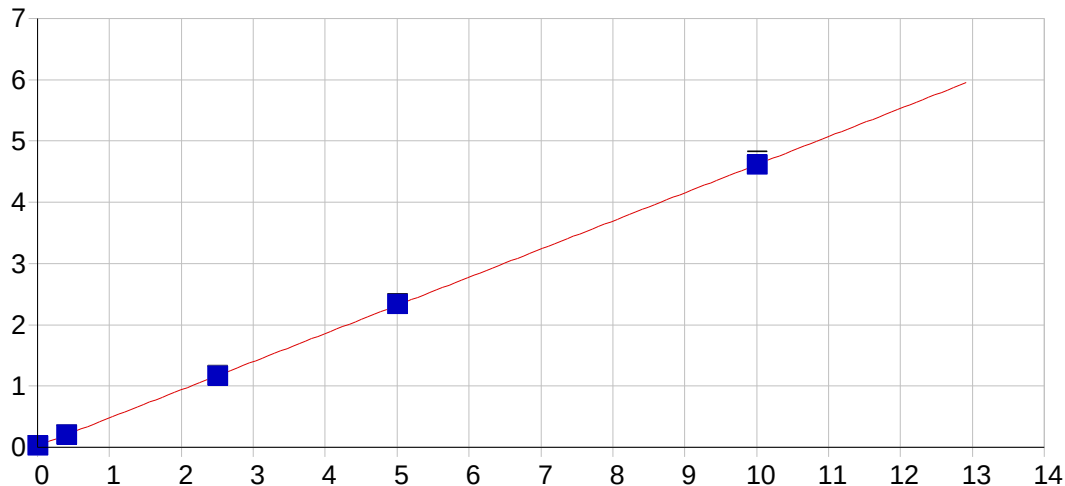
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000327 Re-Slope: 1.000000
 A1 (Gain): 0.030138 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999701
 Std Error of Est: 0.000018
 Predicted MDL: 0.003566
 Predicted MQL: 0.011888

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.02000	.01880	-.001	-6.02	.00088	.000	1
S3	2.5000	2.3719	-.128	-5.12	.07173	.000	1
S4	5.0000	4.9478	-.052	-1.04	.14928	.001	1
S5	10.000	10.181	.181	1.81	.30684	.001	1



Si 288.158 {117}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

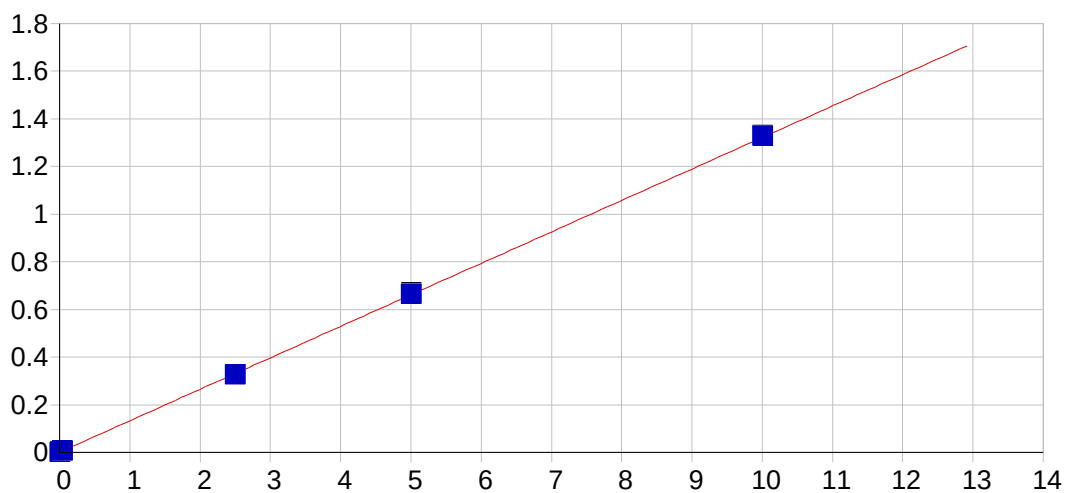
Weighting: 1/Conc

A0 (Offset): 0.020721
 A1 (Gain): 0.459243
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000453
 Predicted MDL: 0.002800
 Predicted MQL: 0.009334

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.02073	.001	1
S1	.40000	.37871	-.021	-5.32	.19449	.002	1
S3	2.5000	2.4889	-.011	-.443	1.1631	.005	1
S4	5.0000	5.0371	.037	.742	2.3327	.009	1
S5	10.000	9.9953	-.005	-.047	4.6085	.056	1

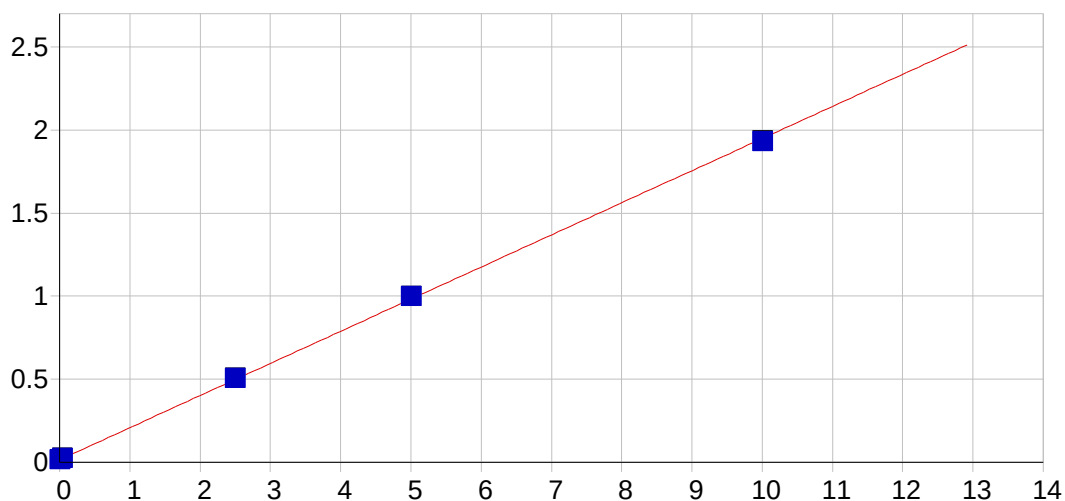


Sn 189.989 {477}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000735 Re-Slope: 1.000000
 A1 (Gain): 0.132110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.000830
 Predicted MQL: 0.002767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.04000	.03631	-.004	-9.23	.00553	.000	1
S3	2.5000	2.4460	-.054	-2.16	.32393	.001	1
S4	5.0000	5.0216	.022	.432	.66426	.004	1
S5	10.000	10.036	.036	.361	1.3268	.004	1



Ti 336.121 {100}

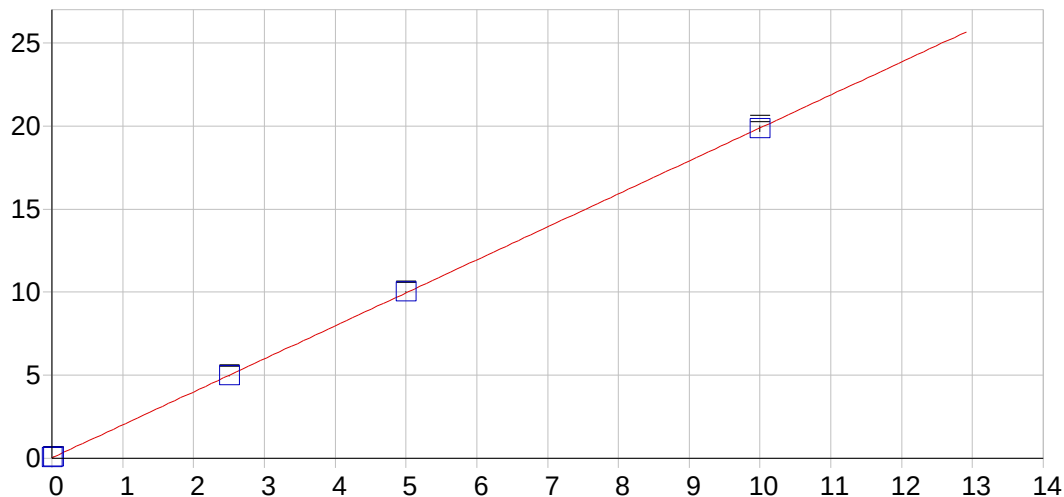
Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015181 Re-Slope: 1.000000
 A1 (Gain): 0.193331 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000087
 Predicted MDL: 0.003228
 Predicted MQL: 0.010760

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01518	.000	1
S1	.04000	.03569	-.004	-10.8	.02208	.001	1
S3	2.5000	2.5287	.029	1.15	.50400	.001	1
S4	5.0000	5.0781	.078	1.56	.99681	.001	1
S5	10.000	9.8975	-.103	-1.03	1.9284	.006	1



Li 670.784 { 50}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

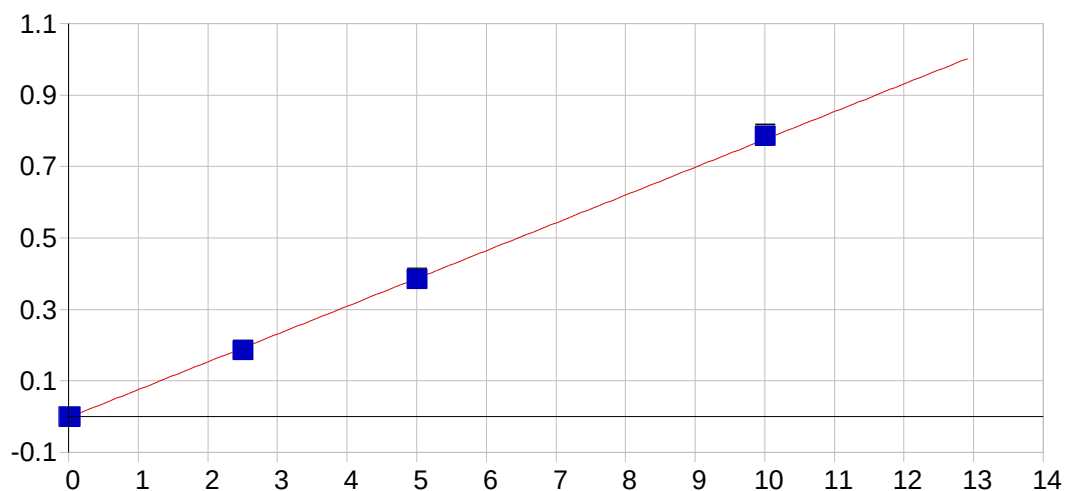
Weighting: 1/Conc

A0 (Offset): 0.028024
 A1 (Gain): 1.985577
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000272
 Predicted MDL: 0.001908
 Predicted MQL: 0.006359

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	.02803	.002	1
S1	.02000	.01799	-.002	-10.1	.06374	.002	1
S3	2.5000	2.4892	-.011	-.431	4.9706	.029	1
S4	5.0000	5.0361	.036	.722	10.028	.039	1
S5	10.000	9.9767	-.023	-.233	19.838	.188	1

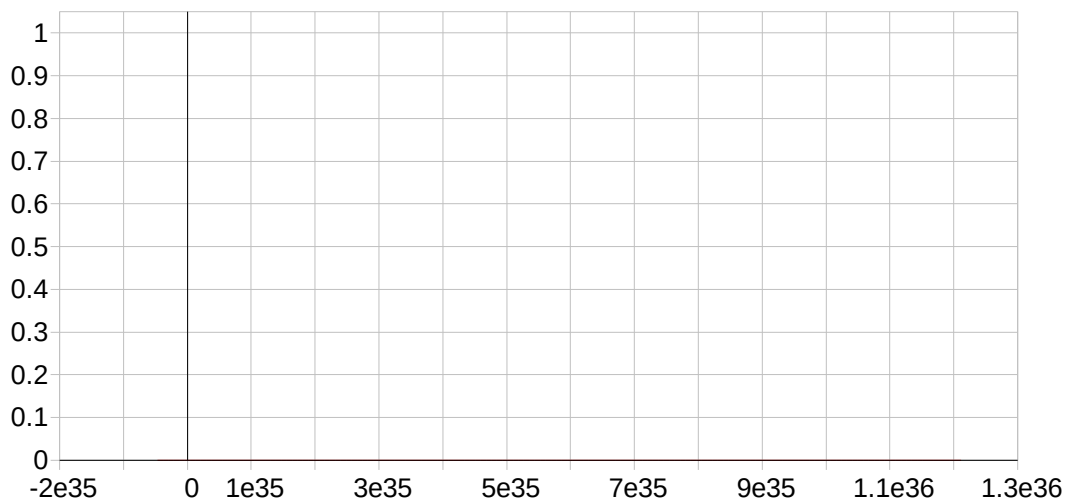


P 177.495 {490}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002332 Re-Slope: 1.000000
 A1 (Gain): 0.077803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.001615
 Predicted MQL: 0.005383

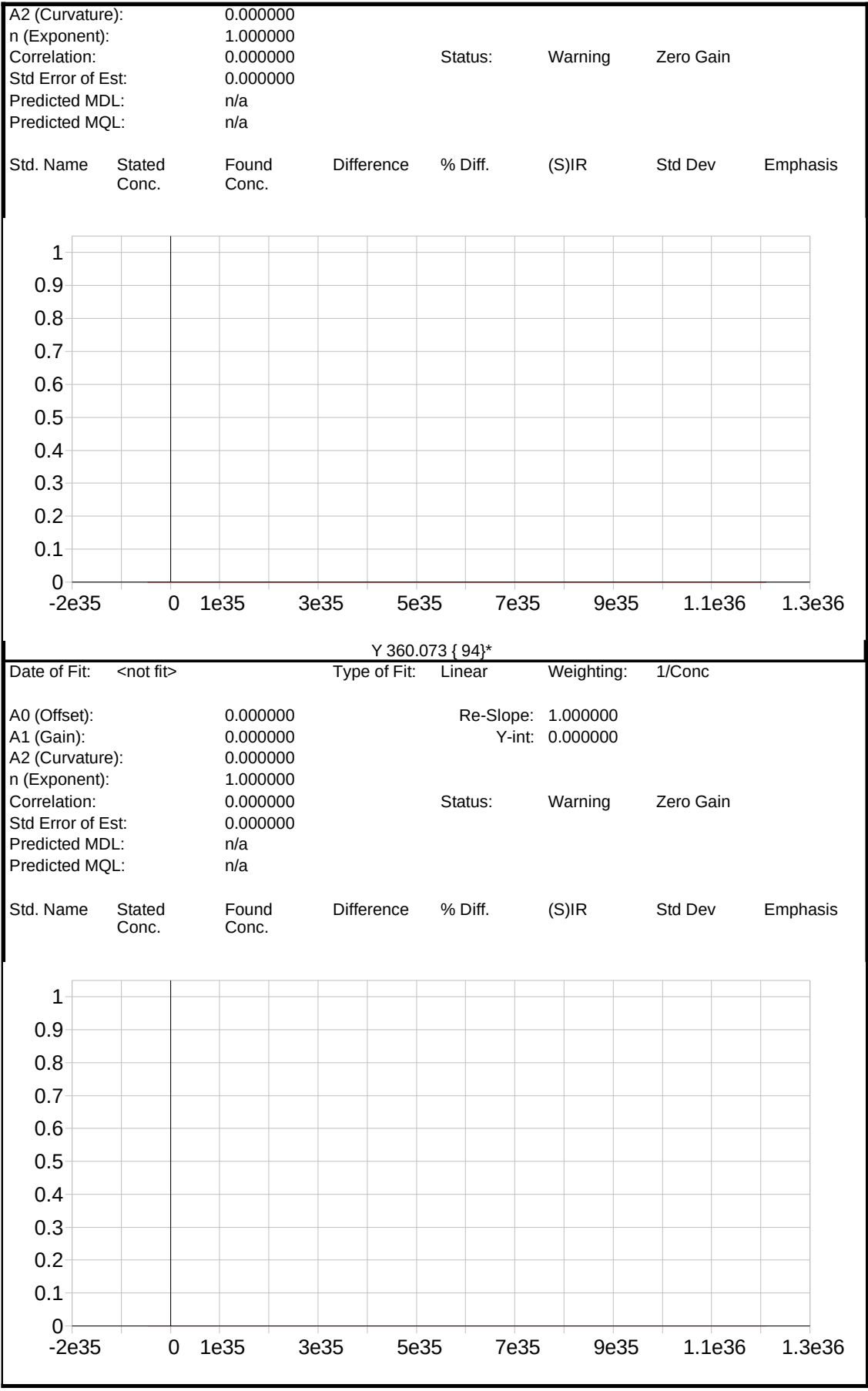
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00233	.000	1
S1	.02000	.01862	-.001	-6.89	-.00089	.000	1
S3	2.5000	2.4036	-.096	-3.85	.18440	.000	1
S4	5.0000	4.9699	-.030	-.601	.38378	.002	1
S5	10.000	10.128	.128	1.28	.78451	.004	1

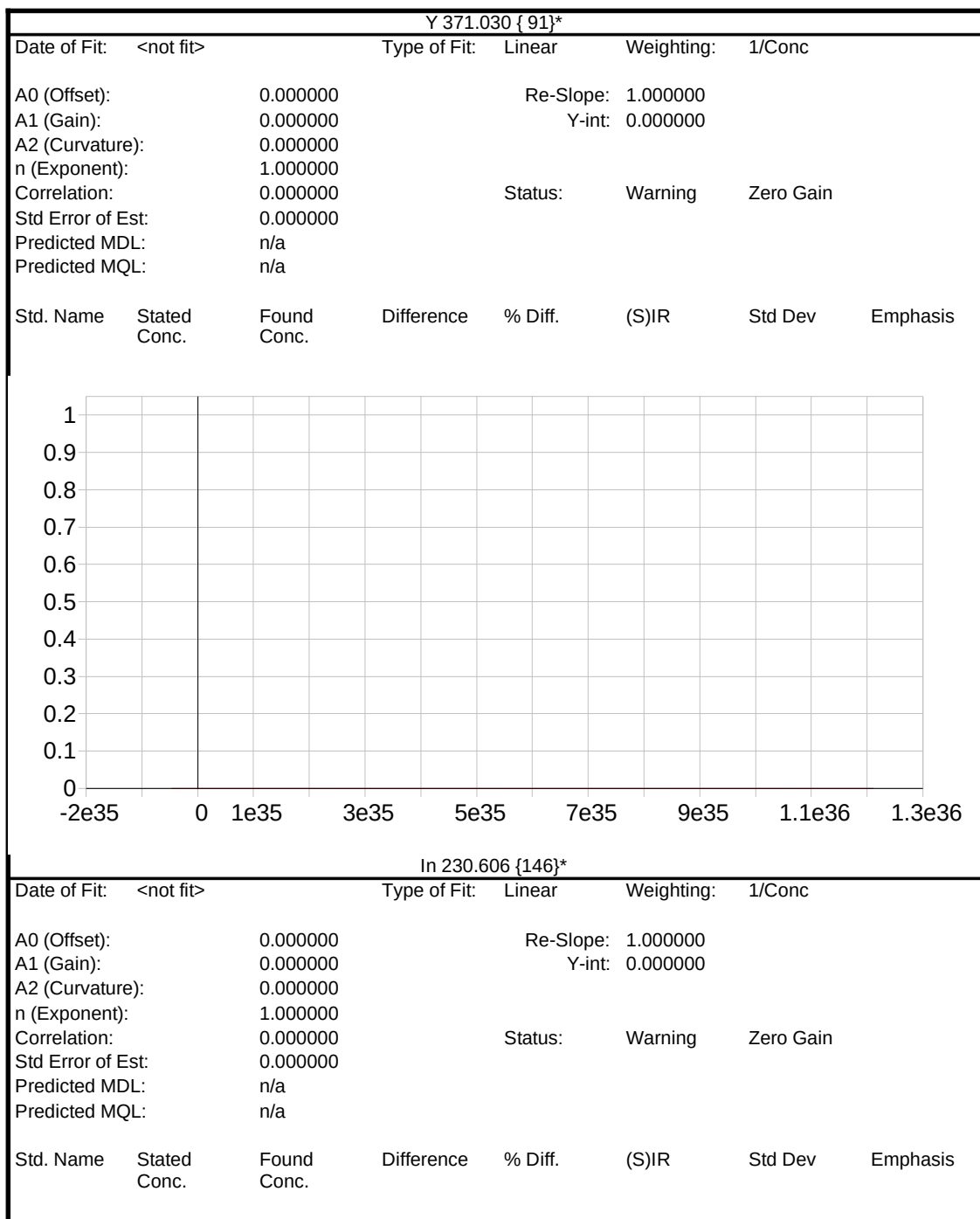


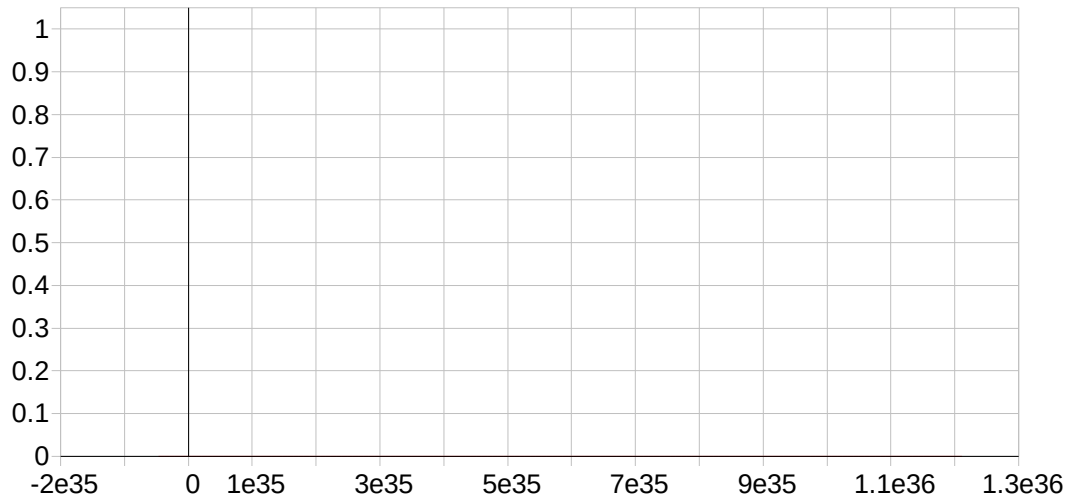
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

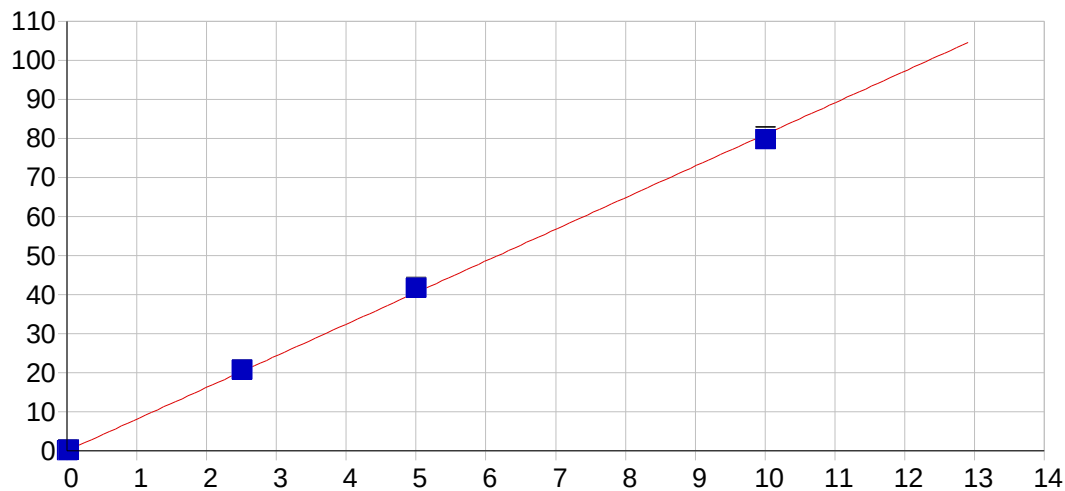
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 3/29/2019 15:06:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004740

Re-Slope: 1.000000

A1 (Gain): 8.102398

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999804

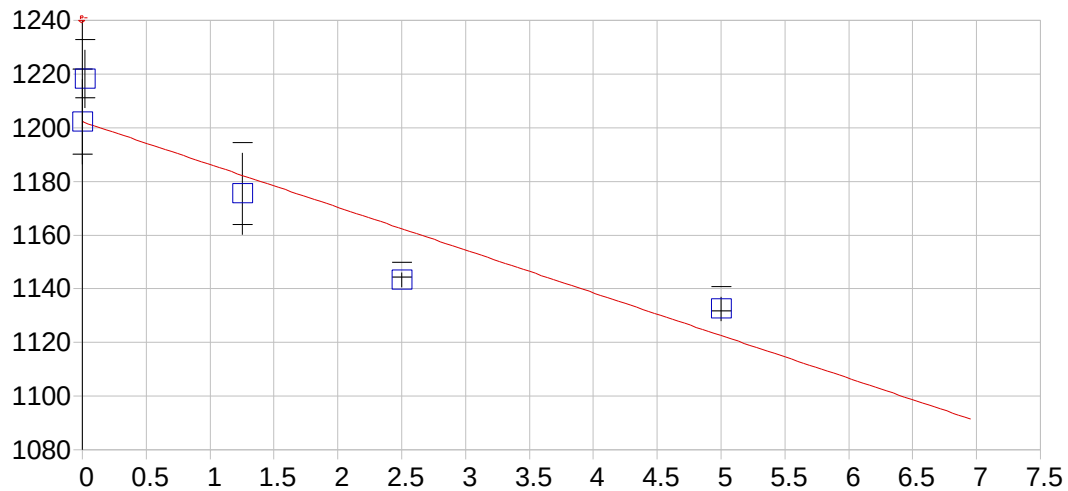
Status: OK.

Std Error of Est: 0.003884

Predicted MDL: 0.000160

Predicted MQL: 0.000533

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00473	.000	1
S1	.02000	.02090	.001	4.50	.17498	.001	1
S3	2.5000	2.5402	.040	1.61	20.609	.117	1
S4	5.0000	5.1289	.129	2.58	41.606	.231	1
S5	10.000	9.8300	-.170	-1.70	79.740	.620	1

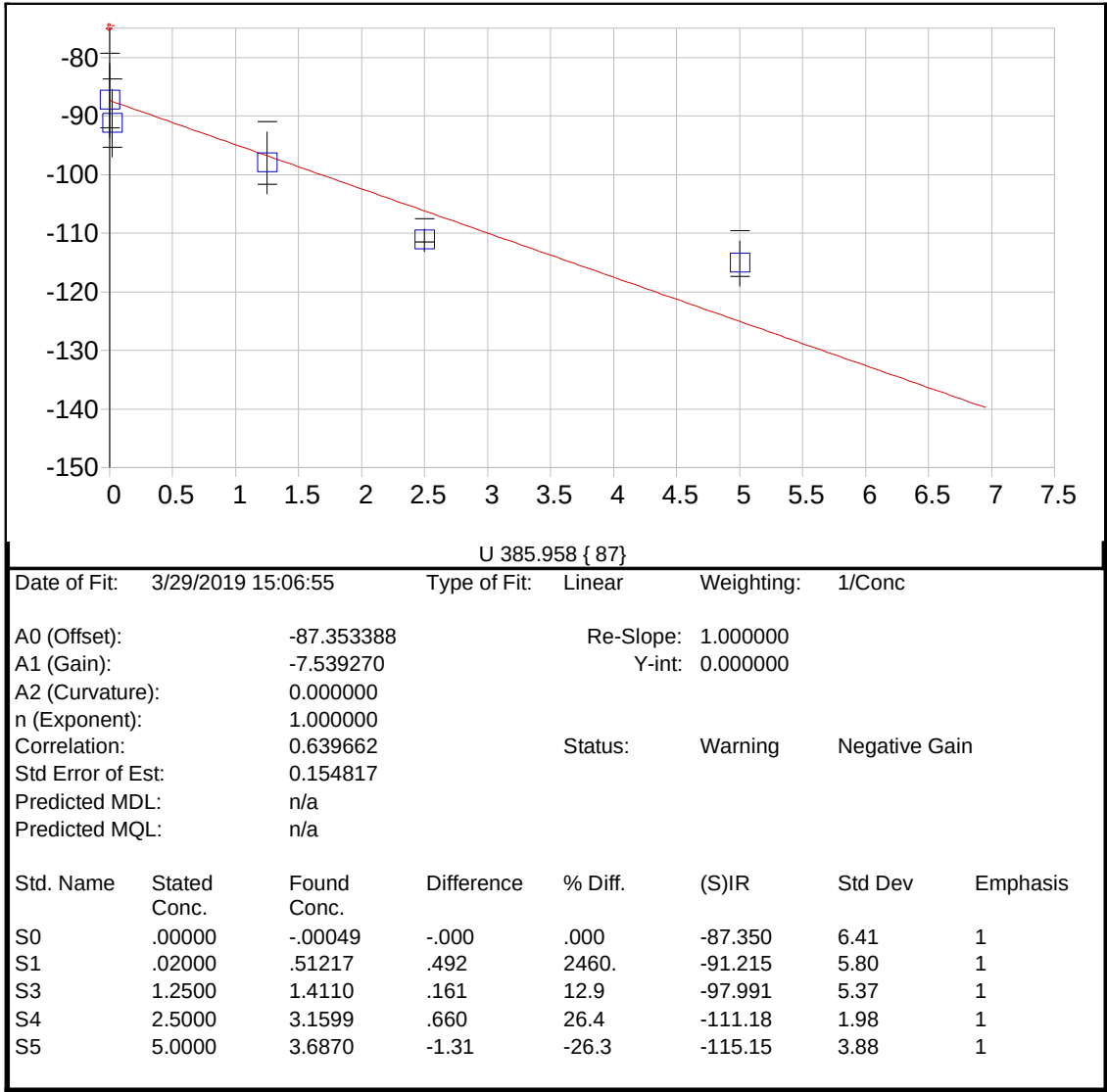


U 367.007 { 92}

Date of Fit: 3/29/2019 15:06:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1202.214067 Re-Slope: 1.000000
A1 (Gain): -15.929012 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.378200 Status: Warning Negative Gain
Std Error of Est: 0.666280
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00100	.001	.000	1202.2	15.8	1
S1	.02000	-.99670	-1.02	-5080.	1218.1	10.9	1
S3	1.2500	1.6888	.439	35.1	1175.3	15.3	1
S4	2.5000	3.7003	1.20	48.0	1143.3	2.76	1
S5	5.0000	4.3776	-.622	-12.4	1132.5	4.46	1



Sample Name: S0 Acquired: 3/29/2019 11:39:14 Type: Cal
Method: P4-ICP2(v3000) 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	.00046	-.00007	.00398	.00007	.00028	.00053	.00633	-.00003
Stddev	.00008	.00011	.00014	.00014	.00007	.00004	.00021	.00009
%RSD	16.484	158.09	3.4271	198.00	23.162	6.8791	3.3396	280.05

#1	.00054	-.00013	.00382	.00021	.00023	.00049	.00653	-.00007
#2	.00045	-.00014	.00401	-.00007	.00027	.00052	.00635	-.00010
#3	.00039	.00006	.00409	.00007	.00036	.00057	.00611	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00212	.00200	-.00038	-.00004	.01459	.00164	.00213	.00008
Stddev	.00027	.00001	.00006	.00012	.00014	.00011	.00018	.00003
%RSD	12.960	.53425	16.455	317.56	.97192	6.8155	8.4194	34.297

#1	.00184	.00201	-.00045	.00000	.01443	.00156	.00202	.00010
#2	.00239	.00199	-.00037	.00006	.01469	.00177	.00204	.00005
#3	.00212	.00199	-.00033	-.00017	.01466	.00159	.00234	.00010

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00783	.00025	.00545	.00010	.00316	-.00552	-.00008	.00002
Stddev	.00018	.00014	.00017	.00010	.00010	.00035	.00009	.00002
%RSD	2.2687	53.471	3.1939	99.837	3.2578	6.3982	111.08	91.530

#1	-.00765	.00014	.00526	-.00001	.00328	-.00535	.00001	.00003
#2	-.00784	.00021	.00550	.00016	.00310	-.00593	-.00008	.00002
#3	-.00801	.00041	.00559	.00014	.00310	-.00529	-.00017	-.00000

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	.00033	.02073	.00074	.01518	.02803	-.0023	.00473	1202.2
Stddev	.00005	.00120	.00009	.00029	.00176	.0001	.00024	15.8
%RSD	16.522	5.7919	12.037	1.9334	6.2618	2.471	5.1436	1.3131

#1	.00037	.01946	.00083	.01530	.03004	-.0023	.00445	1196.3
#2	.00035	.02185	.00073	.01540	.02683	-.0024	.00485	1190.2
#3	.00027	.02088	.00065	.01485	.02721	-.0023	.00489	1220.1

Sample Name: S0 Acquired: 3/29/2019 11:39:14 Type: Cal
 Method: P4-ICP2(v3000) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-87.350
Stddev	6.408
%RSD	7.3359

#1	-80.774
#2	-87.700
#3	-93.575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.9	40172.	3190.3	45.144	4118.4
Stddev	6.1	74.	5.3	1.570	8.0
%RSD	.16956	.18384	.16468	3.4786	.19424

#1	3611.9	40098.	3185.2	44.825	4113.6
#2	3621.7	40174.	3190.0	46.850	4113.9
#3	3623.1	40246.	3195.6	43.758	4127.6

Sample Name: S1 Acquired: 3/29/2019 11:43:41 Type: Cal
Method: P4-ICP2(v3000) 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	.00141	.00586	.00693	.00124	.00613	.00120	.04454	.00604
Stddev	.00013	.00020	.00015	.00019	.00013	.00006	.00027	.00009
%RSD	9.0473	3.4976	2.2049	15.136	2.0989	5.2830	.61099	1.4568
#1	.00140	.00577	.00677	.00111	.00616	.00126	.04432	.00595
#2	.00129	.00571	.00707	.00117	.00624	.00120	.04484	.00604
#3	.00154	.00609	.00695	.00146	.00599	.00113	.04445	.00612
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	.02381	.00104	.02734	.02874	.00932	.02951	.01359	.00186
Stddev	.00034	.00008	.00023	.00022	.00006	.00018	.00024	.00002
%RSD	1.4348	7.7005	.83925	.76003	.62699	.59702	1.7772	1.0665
#1	.02352	.00096	.02738	.02865	.00932	.02932	.01367	.00189
#2	.02373	.00104	.02709	.02858	.00926	.02958	.01332	.00185
#3	.02419	.00112	.02754	.02899	.00938	.02965	.01378	.00185
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	.00802	.07790	.11189	.00016	.00088	.19449	.00553	.02208
Stddev	.00008	.00024	.00054	.00002	.00004	.00165	.00009	.00067
%RSD	.94652	.31028	.48335	12.073	4.0908	.84725	1.5501	3.0297
#1	.00796	.07768	.11142	.00017	.00090	.19610	.00563	.02242
#2	.00811	.07815	.11176	.00014	.00089	.19455	.00550	.02251
#3	.00800	.07786	.11248	.00018	.00084	.19281	.00547	.02131
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.06374	-.0009	.17498	1218.1	-91.215			
Stddev	.00205	.0001	.00068	10.9	5.796			
%RSD	3.2118	12.73	.39121	.89170	6.3542			
#1	.06402	-.0010	.17567	1213.6	-84.629			
#2	.06564	-.0009	.17430	1210.2	-93.475			
#3	.06157	-.0008	.17497	1230.5	-95.540			

Sample Name: S1 Acquired: 3/29/2019 11:43:41 Type: Cal
Method: P4-ICP2(v3000) 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	3653.7	40507.	3189.0	45.472	4133.8
Stddev	8.7	133.	38.3	.918	7.3
%RSD	.23679	.32727	1.2010	2.0190	.17651
#1	3644.3	40535.	3151.4	44.733	4127.1
#2	3655.5	40363.	3187.7	45.183	4132.7
#3	3661.3	40624.	3227.9	46.500	4141.5

Sample Name: S2 Acquired: 3/29/2019 11:48:20 Type: Cal
Method: P4-ICP2(v3000) 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	.08724	.00108	.04545	.00699
Stddev	.00063	.00006	.00043	.00038
%RSD	.72085	5.9536	.94853	5.4869

#1	.08790	.00101	.04522	.00656
#2	.08716	.00108	.04594	.00714
#3	.08665	.00114	.04518	.00728

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	40498.	3183.4
Stddev	109.	25.6
%RSD	.26931	.80423

#1	40404.	3157.6
#2	40472.	3208.8
#3	40618.	3183.7

Sample Name: S3 Acquired: 3/29/2019 11:52:35 Type: Cal
Method: P4-ICP2(v3000) 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	.10980	.35032	.62448	.12898	.29339	.03246	1.8079	.11842
Stddev	.00030	.00099	.00137	.00050	.00031	.00022	.0031	.00088
%RSD	.27336	.28179	.21987	.38491	.10694	.67286	.17176	.74284
#1	.10993	.34953	.62297	.12944	.29363	.03229	1.8070	.11745
#2	.11002	.34999	.62565	.12845	.29350	.03238	1.8053	.11864
#3	.10946	.35142	.62482	.12904	.29304	.03270	1.8113	.11916
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3875	.49349	.06926	1.1338	.44113	.18127	1.5496	.00631
Stddev	.0073	.00131	.00030	.0032	.00076	.00037	.0044	.00002
%RSD	.16631	.26530	.43443	.27892	.17288	.20236	.28173	.31959
#1	4.3818	.49381	.06892	1.1335	.44138	.18084	1.5449	.00633
#2	4.3850	.49462	.06945	1.1308	.44174	.18150	1.5506	.00629
#3	4.3957	.49206	.06942	1.1371	.44028	.18146	1.5535	.00632
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	.64311	.10026	.24654	.24521	2.3396	.07116	1.3594	.00386
Stddev	.00166	.00073	.00053	.00061	.0017	.00089	.0015	.00006
%RSD	.25741	.72813	.21450	.25011	.07031	1.2455	.10820	1.4700
#1	.64400	.09952	.24598	.24450	2.3406	.07144	1.3600	.00386
#2	.64119	.10098	.24662	.24550	2.3378	.07017	1.3604	.00381
#3	.64412	.10027	.24703	.24562	2.3406	.07188	1.3577	.00392
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	.07173	1.1631	.32393	.50400	4.9706	.1844	20.609	1175.3
Stddev	.00026	.0052	.00080	.00074	.0291	.0004	.117	15.3
%RSD	.36944	.44710	.24763	.14694	.58572	.1989	.56979	1.2977
#1	.07142	1.1660	.32392	.50389	4.9781	.1840	20.620	1176.5
#2	.07191	1.1663	.32313	.50333	4.9952	.1844	20.720	1159.5
#3	.07185	1.1571	.32473	.50480	4.9385	.1848	20.486	1190.0

Sample Name: S3 Acquired: 3/29/2019 11:52:35 Type: Cal
 Method: P4-ICP2(v3000) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-97.991
Stddev	5.373
%RSD	5.4836

#1	-103.42
#2	-97.874
#3	-92.678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.0	39515.	3167.2	44.234	3881.8
Stddev	11.8	131.	14.4	1.516	6.5
%RSD	.33049	.33227	.45585	3.4283	.16625

#1	3545.5	39665.	3172.7	45.830	3874.6
#2	3559.7	39457.	3150.9	42.812	3887.2
#3	3568.8	39422.	3178.1	44.059	3883.4

Sample Name: S4 Acquired: 3/29/2019 11:56:36 Type: Cal
Method: P4-ICP2(v3000) 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	.22367	.71126	1.2740	.26028	.59636	.06584	3.7104	.23886
Stddev	.00044	.00578	.0039	.00077	.00120	.00036	.0210	.00083
%RSD	.19592	.81239	.30832	.29557	.20128	.55405	.56577	.34830
#1	.22416	.70543	1.2701	.26078	.59717	.06598	3.7301	.23880
#2	.22352	.71699	1.2780	.26065	.59498	.06543	3.6883	.23806
#3	.22332	.71137	1.2739	.25939	.59692	.06612	3.7127	.23972
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	9.0386	.98216	.13950	2.3303	.86583	.35919	3.1100	.01275
Stddev	.0184	.00052	.00024	.0067	.00058	.00121	.0087	.00009
%RSD	.20355	.05301	.16969	.28795	.06745	.33625	.28017	.72828
#1	9.0175	.98262	.13939	2.3229	.86643	.35968	3.1098	.01281
#2	9.0513	.98160	.13933	2.3320	.86527	.35781	3.1014	.01264
#3	9.0470	.98226	.13977	2.3360	.86578	.36007	3.1188	.01279
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	1.3132	.20073	.49995	.49457	4.8105	.15044	2.7471	.00784
Stddev	.0033	.00018	.00342	.00125	.0132	.00141	.0040	.00003
%RSD	.25073	.09012	.68342	.25260	.27471	.94013	.14526	.40348
#1	1.3098	.20071	.50254	.49494	4.7955	.15174	2.7454	.00786
#2	1.3135	.20056	.49608	.49318	4.8202	.14893	2.7516	.00780
#3	1.3163	.20092	.50123	.49560	4.8159	.15064	2.7442	.00785
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	.14928	2.3327	.66426	.99681	10.028	.3838	41.606	1143.3
Stddev	.00056	.0093	.00388	.00139	.039	.0025	.231	2.8
%RSD	.37286	.39810	.58451	.13994	.39205	.6413	.55606	.24105
#1	.14872	2.3311	.66008	.99760	10.061	.3812	41.858	1142.0
#2	.14927	2.3428	.66776	.99520	10.038	.3860	41.554	1146.4
#3	.14984	2.3244	.66492	.99763	9.9841	.3841	41.404	1141.4

Sample Name: S4 Acquired: 3/29/2019 11:56:36 Type: Cal
Method: P4-ICP2(v3000) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-111.18
Stddev	1.98
%RSD	1.7769

#1	-110.20
#2	-109.88
#3	-113.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.1	39009.	3169.2	43.092	3712.3
Stddev	11.9	84.	18.0	.935	1.1
%RSD	.33944	.21524	.56806	2.1709	.02921

#1	3477.5	38942.	3161.9	42.091	3712.6
#2	3496.2	39103.	3155.9	43.241	3713.2
#3	3499.5	38983.	3189.7	43.944	3711.1

Sample Name: S5 Acquired: 3/29/2019 12:00:35 Type: Cal
Method: P4-ICP2(v3000) 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	.44037	1.3939	2.5288	.50998	1.1708	.12979	7.3123	.46452
Stddev	.00183	.0051	.0047	.00255	.0045	.00142	.0712	.00093
%RSD	.41649	.36517	.18522	.49975	.38177	1.0931	.97441	.20070

#1	.44218	1.3950	2.5317	.51242	1.1756	.12994	7.3375	.46543
#2	.43852	1.3884	2.5234	.50733	1.1669	.12830	7.2319	.46357
#3	.44042	1.3983	2.5314	.51017	1.1698	.13113	7.3675	.46455

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.998	1.9079	.26987	4.6507	1.6596	.69522	6.0065	.02491
Stddev	.027	.0038	.00107	.0047	.0062	.00067	.0142	.00034
%RSD	.15082	.20088	.39503	.10104	.37371	.09605	.23647	1.3622

#1	18.008	1.9036	.27098	4.6516	1.6666	.69589	6.0190	.02505
#2	17.968	1.9095	.26886	4.6456	1.6546	.69455	5.9911	.02453
#3	18.019	1.9107	.26976	4.6549	1.6578	.69524	6.0095	.02516

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	2.6075	.39458	.99594	.96657	9.6447	.30603	5.3447	.01538
Stddev	.0060	.00010	.00979	.00238	.0160	.00275	.0167	.00023
%RSD	.23008	.02423	.98303	.24651	.16576	.90006	.31317	1.5039

#1	2.6119	.39462	1.0052	.96927	9.6589	.30838	5.3609	.01545
#2	2.6006	.39466	.98567	.96571	9.6274	.30300	5.3275	.01513
#3	2.6099	.39448	.99698	.96474	9.6477	.30672	5.3458	.01558

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	.30684	4.6085	1.3268	1.9284	19.838	.7845	79.740	1132.5
Stddev	.00110	.0559	.0040	.0058	.188	.0040	.620	4.5
%RSD	.35833	1.2134	.30418	.29906	.94964	.5148	.77717	.39365

#1	.30687	4.5935	1.3273	1.9253	19.835	.7857	79.314	1128.6
#2	.30573	4.6704	1.3226	1.9249	20.027	.7800	80.451	1131.5
#3	.30793	4.5617	1.3306	1.9351	19.650	.7878	79.456	1137.3

Sample Name: S5 Acquired: 3/29/2019 12:00:35 Type: Cal
 Method: P4-ICP2(v3000) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-115.15
Stddev	3.88
%RSD	3.3671

#1	-115.76
#2	-118.69
#3	-111.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3418.2	38521.	3136.6	42.878	3521.7
Stddev	4.9	172.	39.4	1.110	4.8
%RSD	.14452	.44573	1.2570	2.5891	.13578

#1	3414.3	38329.	3141.3	41.733	3526.7
#2	3423.8	38661.	3095.1	42.949	3521.4
#3	3416.5	38574.	3173.5	43.950	3517.1

Sample Name: ICV01 Acquired: 3/29/2019 12:04:54 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0174	1.0524	1.0071	1.0194	1.0172	2.5963	.50294	.50044
Stddev	.0018	.0033	.0040	.0039	.0034	.0125	.00477	.00060
%RSD	.18030	.31689	.39728	.38089	.33691	.48073	.94780	.12009
#1	1.0189	1.0487	1.0031	1.0162	1.0136	2.5821	.50578	.50067
#2	1.0154	1.0532	1.0073	1.0237	1.0175	2.6015	.50561	.49976
#3	1.0180	1.0552	1.0111	1.0183	1.0204	2.6053	.49744	.50090
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49331	10.369	.51400	.50797	.49980	5.2114	.52272	6.0471
Stddev	.00176	.040	.00194	.00174	.00105	.0026	.00043	.1516
%RSD	.35753	.38569	.37735	.34286	.20984	.04986	.08143	2.5063
#1	.49137	10.415	.51369	.50650	.49919	5.2124	.52225	5.8752
#2	.49378	10.343	.51608	.50751	.50101	5.2084	.52307	6.1615
#3	.49480	10.349	.51223	.50989	.49920	5.2134	.52285	6.1045
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51095	.48207	9.8926	.50803	.98876	10.162	2.4743	2.4301
Stddev	.00013	.00088	.0497	.00089	.00263	.058	.0009	.0359
%RSD	.02550	.18197	.50227	.17522	.26636	.57425	.03652	1.4789
#1	.51093	.48306	9.9196	.50710	.98617	10.094	2.4733	2.3907
#2	.51083	.48141	9.9229	.50888	.98867	10.193	2.4748	2.4612
#3	.51109	.48173	9.8352	.50810	.99143	10.197	2.4749	2.4384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4660	2.5937	2.3891	2.4474	2.6241	2.467	2.5932	F 1.2897
Stddev	.0091	.0117	.0116	.0079	.0189	.009	.0199	.6741
%RSD	.36876	.45140	.48568	.32330	.72048	.3844	.76697	52.268
#1	2.4568	2.6071	2.3764	2.4561	2.6459	2.457	2.6154	1.4105
#2	2.4750	2.5854	2.3917	2.4406	2.6128	2.471	2.5872	.56333
#3	2.4663	2.5887	2.3992	2.4455	2.6137	2.475	2.5770	1.8951

Sample Name: ICV01 Acquired: 3/29/2019 12:04:54 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .47673
Stddev	2.6008
%RSD	545.56

#1	-1.4079
#2	3.4440
#3	-.60589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.7	39622.	3194.5	45.006	3944.9
Stddev	7.6	130.	28.0	1.171	7.8
%RSD	.21254	.32761	.87579	2.6015	.19802

#1	3565.4	39489.	3162.6	43.675	3953.8
#2	3561.4	39628.	3215.1	45.879	3939.0
#3	3576.1	39748.	3205.7	45.463	3942.1

Sample Name: LLICV01 Acquired: 3/29/2019 12:15:56 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02227	.04265	.01207	.02015	.05502	.11080	.10584	.00663
Stddev	.00258	.00070	.00054	.00023	.00095	.01205	.00147	.00004
%RSD	11.592	1.6392	4.4343	1.1506	1.7349	10.877	1.3850	.58194
#1	.01950	.04271	.01256	.02019	.05575	.12355	.10717	.00666
#2	.02269	.04192	.01150	.02036	.05538	.10923	.10608	.00663
#3	.02462	.04332	.01213	.01990	.05394	.09961	.10427	.00659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	2.1293	.01003	.03025	.01962	.10734	.02294	1.9020
Stddev	.00003	.0342	.00027	.00034	.00055	.00067	.00024	.0756
%RSD	.43504	1.6079	2.6635	1.1129	2.8147	.62581	1.0623	3.9763
#1	.00615	2.0971	.01020	.03061	.01907	.10808	.02322	1.9890
#2	.00611	2.1653	.00972	.02995	.02017	.10718	.02275	1.8524
#3	.00610	2.1254	.01017	.03019	.01960	.10676	.02287	1.8645
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04119	.01073	1.9809	.04241	.03980	2.0245	.21286	.11907
Stddev	.00081	.00015	.0099	.00046	.00023	.0278	.00051	.00868
%RSD	1.9783	1.3816	.49928	1.0839	.58907	1.3753	.24072	7.2894
#1	.04033	.01060	1.9919	.04289	.03975	2.0412	.21227	.11993
#2	.04196	.01089	1.9727	.04236	.04006	2.0400	.21318	.12729
#3	.04128	.01070	1.9782	.04197	.03960	1.9924	.21313	.10999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02167	.44061	.04042	.04189	.02120	.0186	.02107	F 1.6132
Stddev	.00206	.00477	.00072	.00074	.00280	.0019	.00022	.3851
%RSD	9.4926	1.0835	1.7811	1.7764	13.220	9.948	1.0560	23.871
#1	.02245	.44273	.04096	.04264	.01886	.0165	.02085	1.2518
#2	.01933	.43514	.03960	.04187	.02044	.0197	.02129	2.0182
#3	.02322	.44396	.04071	.04115	.02431	.0197	.02107	1.5695

Sample Name: LLICV01 Acquired: 3/29/2019 12:15:56 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.5673
 Stddev 2.4838
 %RSD 158.47

#1 4.4036
 #2 .51790
 #3 -.21949

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3553.1	39205.	3099.0	46.539	4047.2
Stddev	10.3	216.	17.8	.442	18.7
%RSD	.29041	.54978	.57529	.94908	.46129

#1	3543.1	38964.	3082.4	47.033	4025.7
#2	3552.5	39272.	3117.8	46.400	4056.4
#3	3563.7	39380.	3096.9	46.183	4059.4

Sample Name: ICB01 Acquired: 3/29/2019 12:20:22 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	.00136	-.00094	.00185	-.00059	-.00515	.00002	.00006
Stddev	.00164	.00059	.00043	.00156	.00063	.01133	.00033	.00005
%RSD	179.07	43.060	45.664	84.008	106.84	220.09	2030.5	98.548
#1	-.00111	.00199	-.00143	.00230	-.00120	.00778	.00038	.00007
#2	-.00245	.00083	-.00069	.00012	.00005	-.00988	-.00006	-.00000
#3	.00081	.00126	-.00069	.00313	-.00060	-.01335	-.00026	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02044	.00005	.00013	-.00165	-.00142	.00003	-.04798
Stddev	.00003	.02694	.00034	.00007	.00022	.00008	.00002	.05847
%RSD	91.204	131.85	747.78	53.400	13.114	5.3874	68.999	121.88
#1	-.00000	-.05003	.00043	.00021	-.00143	-.00138	.00001	.01638
#2	-.00006	.00267	-.00009	.00009	-.00166	-.00151	.00004	-.06246
#3	-.00003	-.01394	-.00020	.00009	-.00186	-.00136	.00006	-.09784
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00030	-.09390	.00029	-.00033	-.02731	.00034	.00982
Stddev	.00050	.00136	.00687	.00061	.00006	.02196	.00008	.01691
%RSD	107.47	455.16	7.3179	208.30	18.901	80.423	22.972	172.21
#1	-.00071	-.00093	-.08598	.00089	-.00040	-.00275	.00026	-.00843
#2	.00011	.00007	-.09737	-.00033	-.00031	-.03411	.00042	.01294
#3	-.00079	.00175	-.09835	.00031	-.00028	-.04507	.00035	.02494
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00198	-.00019	.00018	.00076	-.0001	.00018	F 1.9376
Stddev	.00231	.00173	.00030	.00272	.00118	.0018	.00004	.1499
%RSD	462.46	87.754	160.17	1523.0	155.04	1219.	22.269	7.7362
#1	-.00217	-.00300	-.00050	-.00148	.00015	-.0001	.00018	2.1091
#2	.00175	.00003	-.00015	.00331	.00001	.0016	.00022	1.8320
#3	.00192	-.00296	.00009	-.00130	.00212	-.0019	.00014	1.8715

Sample Name: ICB01 Acquired: 3/29/2019 12:20:22 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3815
Stddev .5320
%RSD 38.510

#1 1.7543
#2 .77223
#3 1.6179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.8	39463.	3119.1	45.147	4103.5
Stddev	5.4	92.	25.2	2.266	3.9
%RSD	.15173	.23401	.80654	5.0196	.09590

#1	3581.0	39498.	3108.5	47.267	4099.2
#2	3582.4	39532.	3147.8	42.758	4104.3
#3	3591.0	39358.	3101.0	45.417	4106.9

Sample Name: CRI01 Acquired: 3/29/2019 12:24:50 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02011	.04223	.01172	.02509	.05232	.10977	.10672	.00660
Stddev	.00272	.00099	.00066	.00034	.00132	.02127	.00236	.00005
%RSD	13.533	2.3479	5.6114	1.3606	2.5159	19.376	2.2126	.77361
#1	.01751	.04325	.01236	.02543	.05384	.10965	.10416	.00661
#2	.02293	.04127	.01175	.02508	.05155	.08856	.10717	.00664
#3	.01988	.04218	.01105	.02475	.05157	.13110	.10882	.00654
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	2.1212	.01041	.02992	.01903	.10697	.02288	1.8666
Stddev	.00002	.0113	.00047	.00004	.00041	.00070	.00004	.0421
%RSD	.41148	.53030	4.5179	.12983	2.1419	.65558	.15964	2.2565
#1	.00597	2.1107	.01001	.02988	.01950	.10724	.02287	1.8281
#2	.00601	2.1199	.01092	.02991	.01879	.10617	.02293	1.8602
#3	.00596	2.1331	.01028	.02996	.01880	.10749	.02286	1.9116
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04049	.01078	1.9338	.04198	.03902	2.0540	.21060	.10198
Stddev	.00039	.00058	.0295	.00031	.00022	.0207	.00081	.01387
%RSD	.96122	5.3691	1.5230	.73617	.56432	1.0087	.38288	13.603
#1	.04005	.01028	1.9094	.04231	.03927	2.0584	.20968	.09845
#2	.04078	.01065	1.9255	.04170	.03889	2.0722	.21097	.09021
#3	.04065	.01141	1.9666	.04192	.03889	2.0315	.21116	.11727
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01538	.44046	.03706	.03912	.01849	.0178	.02095	F .21738
Stddev	.00163	.00400	.00060	.00194	.00142	.0008	.00020	.93314
%RSD	10.575	.90753	1.6292	4.9537	7.6829	4.308	.93209	429.26
#1	.01392	.44492	.03645	.04053	.01715	.0170	.02084	1.1480
#2	.01508	.43926	.03705	.03691	.01834	.0179	.02118	-.71827
#3	.01714	.43720	.03766	.03991	.01998	.0186	.02084	.22244

Sample Name: CRI01 Acquired: 3/29/2019 12:24:50 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2252
Stddev	.7054
%RSD	57.572

#1	.46682
#2	1.3472
#3	1.8617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.5	39792.	3136.5	44.842	4105.3
Stddev	8.7	129.	15.3	.592	11.3
%RSD	.24024	.32446	.48781	1.3202	.27450

#1	3596.8	39761.	3119.1	44.517	4093.9
#2	3609.0	39934.	3148.1	44.483	4105.6
#3	3613.6	39682.	3142.2	45.525	4116.4

Sample Name: ICSA01 Acquired: 3/29/2019 12:29:18 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01719	.01122	-.00077	-.01069	-.00313	283.50	.00443	.00282
Stddev	.00306	.00047	.00185	.00348	.00217	.93	.00069	.00004
%RSD	17.799	4.1622	242.33	32.574	69.296	.32686	15.455	1.2459
#1	.01478	.01170	-.00278	-.00723	-.00067	284.17	.00513	.00279
#2	.02063	.01120	.00088	-.01064	-.00476	282.44	.00442	.00286
#3	.01615	.01077	-.00040	-.01419	-.00396	283.88	.00376	.00280
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	258.11	.04796	-.00047	.02054	100.19	.01469	283.35
Stddev	.00012	.54	.00067	.00025	.00112	.14	.00002	.80
%RSD	12.095	.20975	1.3865	54.280	5.4426	.13700	.12885	.28060
#1	-.00091	257.94	.04725	-.00076	.02139	100.06	.01472	284.27
#2	-.00116	258.71	.04857	-.00034	.02096	100.18	.01469	282.86
#3	-.00103	257.67	.04807	-.00031	.01927	100.33	.01468	282.93
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02032	-.00558	-.01999	-.00052	-.01344	-.03845	-.00226	.03951
Stddev	.00044	.00020	.01208	.00029	.00015	.01774	.00020	.03250
%RSD	2.1807	3.5876	60.450	56.213	1.1436	46.138	8.7997	82.255
#1	-.02022	-.00581	-.00673	-.00081	-.01361	-.03247	-.00208	.07704
#2	-.02080	-.00546	-.02285	-.00053	-.01338	-.05840	-.00247	.02060
#3	-.01993	-.00546	-.03039	-.00022	-.01332	-.02447	-.00222	.02090
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00806	-.00336	.00698	-.00077	.01410	.0127	-.00660	5.9789
Stddev	.00595	.00118	.00104	.00452	.00099	.0010	.00047	.2596
%RSD	73.860	34.984	14.964	589.83	7.0501	8.130	7.1244	4.3423
#1	.00454	-.00204	.00818	-.00549	.01389	.0116	-.00609	6.1784
#2	.01493	-.00374	.00637	.00352	.01323	.0137	-.00701	6.0729
#3	.00471	-.00431	.00638	-.00033	.01519	.0129	-.00669	5.6854

Sample Name: ICSA01 Acquired: 3/29/2019 12:29:18 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.5651
%RSD	1.1921

#1	-132.06
#2	-129.49
#3	-132.32

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.0	36329.	3043.6	42.339	3332.2
Stddev	5.6	76.	8.7	.777	5.8
%RSD	.17426	.20869	.28500	1.8350	.17330

#1	3235.0	36248.	3051.4	42.381	3325.9
#2	3232.7	36398.	3034.3	43.094	3333.6
#3	3243.4	36339.	3045.2	41.542	3337.2

Sample Name: ICSAB01 Acquired: 3/29/2019 12:33:56 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11793	.11294	.05258	.04081	.63012	270.79	.54255	.53998
Stddev	.00155	.00275	.00070	.00111	.00168	2.17	.00495	.00048
%RSD	1.3105	2.4384	1.3264	2.7283	.26586	.80272	.91211	.08938

#1	.11883	.11300	.05216	.03965	.62908	271.49	.54709	.54047
#2	.11880	.11566	.05220	.04187	.62923	268.36	.53727	.53950
#3	.11614	.11015	.05339	.04090	.63205	272.53	.54329	.53996

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0173	247.75	.56131	.51265	.59033	96.656	.53782	271.05
Stddev	.0027	1.66	.00110	.00125	.00064	.227	.00115	1.91
%RSD	.26707	.66849	.19579	.24324	.10844	.23450	.21394	.70524

#1	1.0142	247.88	.56041	.51160	.58975	96.709	.53762	271.85
#2	1.0193	249.35	.56253	.51233	.59022	96.852	.53679	268.87
#3	1.0183	246.04	.56098	.51403	.59102	96.408	.53906	272.44

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99015	.18893	-.04336	.51948	1.0809	-.08147	1.0210	1.0718
Stddev	.00188	.00102	.01278	.00144	.0022	.05886	.0015	.0178
%RSD	.19016	.54090	29.479	.27738	.20667	72.256	.14587	1.6628

#1	.99097	.18873	-.04372	.51811	1.0790	-.02223	1.0226	1.0522
#2	.98800	.18803	-.05595	.52098	1.0805	-.13995	1.0197	1.0870
#3	.99149	.19004	-.03040	.51934	1.0834	-.08221	1.0206	1.0763

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84085	.93949	1.0300	1.0042	.91951	.8337	.93591	7.1962
Stddev	.00285	.01049	.0053	.0117	.00377	.0106	.00692	.8373
%RSD	.33936	1.1168	.51708	1.1668	.40959	1.276	.73981	11.636

#1	.83806	.93439	1.0238	.99851	.91565	.8228	.93867	7.0903
#2	.84073	.95156	1.0326	1.0177	.92318	.8440	.94103	8.0814
#3	.84377	.93253	1.0335	.99650	.91969	.8345	.92803	6.4168

Sample Name: ICSAB01 Acquired: 3/29/2019 12:33:56 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .85140
 %RSD .68466

#1 -123.37
 #2 -124.90
 #3 -124.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.7	36544.	3047.6	41.281	3324.2
Stddev	2.2	152.	32.7	.960	2.4
%RSD	.06871	.41577	1.0726	2.3260	.07073

#1	3239.6	36444.	3048.4	40.487	3326.9
#2	3240.2	36718.	3014.5	41.009	3322.6
#3	3236.1	36468.	3079.9	42.348	3323.1

Sample Name: CCV01 Acquired: 3/29/2019 12:57:56 Type: Unk
Method: P4-ICP2(v3000) 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	5.1372	5.0452	5.0646	4.9797	5.1797	10.216	10.210	.25680
Stddev	.0076	.0285	.0184	.0189	.0018	.068	.035	.00006
%RSD	.14835	.56594	.36234	.37963	.03502	.66748	.34509	.02150
#1	5.1427	5.0306	5.0536	4.9752	5.1783	10.219	10.229	.25685
#2	5.1285	5.0269	5.0544	4.9635	5.1818	10.146	10.170	.25679
#3	5.1403	5.0781	5.0858	5.0005	5.1791	10.282	10.232	.25674
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5057	25.282	1.0098	2.5122	1.3067	5.0278	2.5839	25.036
Stddev	.0115	.165	.0020	.0117	.0016	.0129	.0029	.306
%RSD	.45987	.65357	.19830	.46529	.12145	.25722	.11120	1.2243
#1	2.4990	25.219	1.0102	2.5070	1.3054	5.0138	2.5842	25.162
#2	2.4991	25.158	1.0076	2.5039	1.3062	5.0301	2.5866	24.686
#3	2.5190	25.470	1.0115	2.5255	1.3085	5.0394	2.5809	25.259
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4884	1.2643	24.655	2.5190	2.5207	25.522	5.1771	5.1010
Stddev	.0100	.0018	.112	.0046	.0116	.047	.0041	.0199
%RSD	.39978	.13973	.45614	.18045	.46038	.18463	.07994	.38999
#1	2.4833	1.2635	24.704	2.5137	2.5157	25.533	5.1750	5.0794
#2	2.4821	1.2663	24.526	2.5216	2.5125	25.471	5.1744	5.1054
#3	2.4999	1.2630	24.735	2.5216	2.5340	25.563	5.1819	5.1184
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0856	5.1537	4.9961	5.0849	5.0982	4.963	5.2106	F 5.3898
Stddev	.0201	.0446	.0287	.0085	.0259	.021	.0175	.1535
%RSD	.39558	.86466	.57493	.16652	.50837	.4227	.33529	2.8488
#1	5.0751	5.1091	4.9789	5.0785	5.0701	4.944	5.1930	5.5217
#2	5.0730	5.1982	4.9801	5.0817	5.1212	4.959	5.2280	5.4264
#3	5.1088	5.1537	5.0292	5.0945	5.1034	4.985	5.2109	5.2212

Sample Name: CCV01 Acquired: 3/29/2019 12:57:56 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.9498
Stddev	1.3238
%RSD	33.517

#1	2.6343
#2	5.2818
#3	3.9331

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3386.5	37769.	3044.9	42.344	3664.9
Stddev	9.0	59.	14.9	1.530	12.9
%RSD	.26717	.15520	.48889	3.6141	.35141

#1	3376.7	37704.	3056.9	43.560	3662.2
#2	3394.5	37786.	3028.3	40.626	3678.9
#3	3388.2	37818.	3049.6	42.847	3653.6

Sample Name: LLCCV01 Acquired: 3/29/2019 13:06:47 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02230	.04266	.01229	.02223	.05393	.10981	.10606	.00666
Stddev	.00274	.00156	.00018	.00475	.00152	.00690	.00077	.00010
%RSD	12.266	3.6517	1.4801	21.385	2.8155	6.2810	.72132	1.4350
#1	.02147	.04159	.01216	.02771	.05496	.10858	.10601	.00660
#2	.02536	.04194	.01250	.01979	.05218	.10362	.10684	.00677
#3	.02008	.04445	.01221	.01919	.05463	.11725	.10532	.00661
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00610	2.1092	.01034	.03013	.02073	.10458	.02287	2.0359
Stddev	.00009	.0212	.00039	.00034	.00006	.00144	.00011	.0488
%RSD	1.4647	1.0058	3.7469	1.1177	.29452	1.3764	.50091	2.3966
#1	.00613	2.0887	.01077	.03006	.02067	.10294	.02292	2.0340
#2	.00600	2.1311	.01001	.03050	.02079	.10561	.02274	1.9881
#3	.00617	2.1078	.01024	.02983	.02075	.10520	.02295	2.0856
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04100	.01019	1.9209	.04278	.03993	2.0819	.21438	.11255
Stddev	.00006	.00014	.0046	.00030	.00024	.0396	.00077	.02292
%RSD	.14430	1.3667	.23977	.71125	.58893	1.8997	.35956	20.368
#1	.04099	.01008	1.9183	.04252	.04015	2.0451	.21509	.08872
#2	.04106	.01035	1.9262	.04269	.03968	2.0769	.21356	.13444
#3	.04094	.01015	1.9181	.04311	.03995	2.1237	.21449	.11450
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01715	.39209	.03800	.04037	.01698	.0171	.02130	F 1.1231
Stddev	.00185	.00145	.00043	.00151	.00104	.0023	.00018	.6480
%RSD	10.768	.36925	1.1232	3.7448	6.1530	13.56	.86709	57.700
#1	.01902	.39203	.03832	.04164	.01777	.0145	.02135	.69573
#2	.01710	.39067	.03816	.04077	.01737	.0188	.02110	1.8687
#3	.01532	.39357	.03752	.03870	.01579	.0181	.02146	.80483

Sample Name: LLCCV01 Acquired: 3/29/2019 13:06:47 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6524
Stddev	.9810
%RSD	59.367

#1	2.5368
#2	1.8232
#3	.59723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.1	39332.	3105.2	44.611	4044.3
Stddev	17.0	192.	15.7	.672	11.2
%RSD	.48035	.48793	.50685	1.5075	.27569

#1	3515.6	39248.	3087.4	44.858	4031.9
#2	3546.7	39197.	3117.2	45.125	4053.4
#3	3543.0	39552.	3111.1	43.850	4047.6

Sample Name: CCB01 Acquired: 3/29/2019 13:11:16 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00063	.00010	-.00243	-.00119	.00059	.00081	.00002
Stddev	.00146	.00032	.00061	.00180	.00121	.01355	.00050	.00004
%RSD	1970.7	50.723	606.14	74.220	101.35	2287.0	61.940	227.48
#1	-.00036	.00099	-.00047	-.00239	-.00222	-.01504	.00121	.00005
#2	.00170	.00041	.00003	-.00064	-.00149	.00797	.00097	.00003
#3	-.00112	.00048	.00074	-.00425	.00014	.00885	.00025	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.02704	.00009	.00011	-.00202	-.00170	-.00016	-.12616
Stddev	.00005	.01553	.00014	.00026	.00003	.00102	.00008	.05894
%RSD	280.17	57.446	159.52	225.80	1.7275	59.777	50.205	46.717
#1	-.00005	-.04145	.00024	.00040	-.00202	-.00239	-.00019	-.17709
#2	-.00005	-.01059	-.00004	-.00008	-.00199	-.00053	-.00021	-.06160
#3	.00004	-.02907	.00006	.00002	-.00206	-.00219	-.00007	-.13980
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.00030	-.11893	.00011	-.00039	-.02576	.00016	.00875
Stddev	.00021	.00017	.00826	.00004	.00018	.04014	.00017	.01688
%RSD	66.355	56.336	6.9422	37.382	46.272	155.82	102.51	193.02
#1	-.00038	.00011	-.12432	.00016	-.00028	-.07121	.00002	.01284
#2	-.00050	.00043	-.12304	.00007	-.00029	-.01087	.00013	-.00980
#3	-.00008	.00036	-.10942	.00011	-.00059	.00480	.00035	.02321
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	.00155	-.00239	.00160	-.00503	-.0003	.00018	F 1.7634
Stddev	.00281	.00065	.00089	.00110	.00144	.0004	.00008	.4257
%RSD	137.05	42.246	37.120	68.729	28.635	160.5	44.164	24.141
#1	-.00483	.00212	-.00154	.00035	-.00617	-.0007	.00021	2.1748
#2	.00080	.00083	-.00233	.00243	-.00341	.0001	.00025	1.3247
#3	-.00213	.00170	-.00331	.00200	-.00550	-.0001	.00009	1.7906

Sample Name: CCB01 Acquired: 3/29/2019 13:11:16 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5293
Stddev	.9007
%RSD	58.899

#1	1.9410
#2	.49627
#3	2.1506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.9	38769.	3030.8	44.939	4030.9
Stddev	2.0	34.	8.3	1.529	4.1
%RSD	.05811	.08796	.27243	3.4030	.10283

#1	3490.6	38750.	3030.8	44.958	4030.9
#2	3493.5	38749.	3022.5	46.458	4035.0
#3	3494.5	38809.	3039.0	43.400	4026.8

Sample Name: K1560-03 Acquired: 3/29/2019 13:15:16 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: MDL

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00880	.01296	.00316	.00653	.01339	.02297	.02754	.00176	.00167
Stddev	.00326	.00048	.00056	.00166	.00156	.01348	.00083	.00005	.00008
%RSD	37.005	3.7172	17.759	25.327	11.637	58.697	3.0293	2.7817	4.6303
#1	.01100	.01245	.00253	.00492	.01468	.00745	.02661	.00180	.00162
#2	.00506	.01301	.00359	.00822	.01383	.02960	.02821	.00177	.00162
#3	.01033	.01341	.00337	.00646	.01166	.03184	.02781	.00171	.00175
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57973	.00209	.00803	.00419	.02735	.00602	.44237	.01064	.00280
Stddev	.00535	.00021	.00008	.00041	.00055	.00007	.03682	.00030	.00051
%RSD	.92203	9.9370	1.0155	9.7232	1.9990	1.2437	8.3238	2.8341	18.341
#1	.57728	.00230	.00811	.00414	.02778	.00609	.47838	.01098	.00235
#2	.58586	.00208	.00795	.00462	.02755	.00603	.44394	.01048	.00336
#3	.57605	.00188	.00802	.00381	.02674	.00594	.40479	.01045	.00269
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	.41636	.01134	.01087	.48714	.05726	.03642	.00517	.10930	.00829
Stddev	.01552	.00027	.00010	.02385	.00048	.02256	.00057	.00459	.00125
%RSD	3.7279	2.3767	.94207	4.8964	.83921	61.940	11.081	4.1966	15.092
#1	.40285	.01115	.01076	.47411	.05778	.03434	.00452	.10574	.00821
#2	.43332	.01123	.01090	.47264	.05718	.05994	.00541	.11448	.00708
#3	.41291	.01165	.01096	.51467	.05683	.01497	.00559	.10768	.00958
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.01083	.00217	.0043	.00571	2.9470	.73659			
Stddev	.00129	.00117	.0016	.00008	.2532	.91871			
%RSD	11.907	53.804	38.20	1.3590	8.5913	124.72			
#1	.01197	.00298	.0029	.00579	2.8795	1.0021			
#2	.01109	.00270	.0061	.00569	3.2271	-.28562			
#3	.00943	.00083	.0038	.00564	2.7344	1.4933			

Sample Name: K1560-03 Acquired: 3/29/2019 13:15:16 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: MDL

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.9	38773.	3036.6	44.300	4008.2
Stddev	16.1	115.	3.1	1.689	10.6
%RSD	.45943	.29627	.10211	3.8128	.26343
#1	3489.7	38644.	3035.7	42.350	4000.3
#2	3483.8	38814.	3040.0	45.308	4004.0
#3	3514.1	38863.	3034.0	45.242	4020.2

Sample Name: K1560-09 Acquired: 3/29/2019 13:19:45 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: MDL

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	.01122	.00375	.00954	.01335	.02697	.02754	.00168
Stddev	.00112	.00112	.00050	.00129	.00176	.02516	.00098	.00003
%RSD	27.554	9.9422	13.446	13.551	13.155	93.284	3.5548	2.0412

#1	.00414	.01232	.00399	.01086	.01321	.00928	.02654	.00172
#2	.00516	.01124	.00409	.00947	.01517	.01586	.02849	.00168
#3	.00292	.01009	.00317	.00828	.01166	.05577	.02760	.00165

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	.56146	.00300	.00764	.00413	.02398	.00584	.37114
Stddev	.00001	.01445	.00035	.00027	.00015	.00110	.00000	.07668
%RSD	.79732	2.5739	11.586	3.4960	3.6125	4.5748	.06727	20.662

#1	.00161	.56769	.00269	.00789	.00403	.02366	.00584	.42454
#2	.00159	.57176	.00338	.00767	.00407	.02521	.00584	.28327
#3	.00161	.54494	.00294	.00736	.00431	.02309	.00585	.40561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01021	.00320	.38267	.01072	.01054	.49822	.05511	.02686
Stddev	.00025	.00014	.01731	.00035	.00004	.07103	.00030	.02668
%RSD	2.4843	4.4537	4.5239	3.2345	.34339	14.256	.54646	99.318

#1	.01047	.00305	.39684	.01102	.01053	.54863	.05543	.05703
#2	.00996	.00323	.38780	.01080	.01051	.52904	.05507	.00637
#3	.01021	.00333	.36338	.01034	.01058	.41699	.05484	.01718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00683	.10713	.00786	.01138	-.00060	.0044	.00568	2.8873
Stddev	.00283	.00100	.00031	.00422	.00279	.0014	.00033	.4053
%RSD	41.478	.93092	3.8838	37.093	461.84	31.28	5.7729	14.039

#1	.00699	.10754	.00756	.00651	-.00271	.0059	.00595	3.1696
#2	.00392	.10599	.00784	.01384	.00256	.0037	.00532	3.0695
#3	.00958	.10785	.00817	.01380	-.00166	.0034	.00578	2.4229

Sample Name: K1560-09 Acquired: 3/29/2019 13:19:45 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: MDL

Elem U_3859
 Units ppm
 Avg 1.6018
 Stddev .5847
 %RSD 36.503

#1 1.6669
 #2 .98727
 #3 2.1512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.7	38410.	3024.4	42.525	3973.8
Stddev	11.2	224.	10.5	1.185	13.0
%RSD	.32254	.58297	.34766	2.7860	.32726

#1	3460.2	38331.	3026.8	43.008	3972.3
#2	3460.4	38236.	3033.6	43.392	3961.6
#3	3479.7	38662.	3013.0	41.175	3987.5

Sample Name: K1560-09RE Acquired: 3/29/2019 13:24:15 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: MDL

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.01227	.00275	.01104	.01312	.03254	.02849	.00160
Stddev	.00138	.00046	.00008	.00125	.00077	.00369	.00192	.00004
%RSD	20.668	3.7336	3.0294	11.337	5.8360	11.345	6.7366	2.4936

#1	.00566	.01213	.00284	.00976	.01382	.03440	.02628	.00164
#2	.00614	.01190	.00269	.01226	.01230	.03493	.02947	.00159
#3	.00826	.01278	.00270	.01109	.01324	.02829	.02972	.00157

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	.53261	.00219	.00786	.00440	.02450	.00567	.48858
Stddev	.00005	.02470	.00029	.00004	.00031	.00110	.00014	.05056
%RSD	3.2374	4.6377	13.403	.52081	7.1448	4.4784	2.3867	10.347

#1	.00146	.54932	.00252	.00787	.00416	.02566	.00575	.51908
#2	.00155	.50424	.00196	.00790	.00476	.02348	.00552	.43022
#3	.00154	.54428	.00208	.00782	.00429	.02437	.00575	.51644

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00969	.00236	.39322	.01105	.01013	.47918	.05470	.02527
Stddev	.00010	.00054	.01784	.00024	.00009	.03205	.00018	.00290
%RSD	1.0065	22.977	4.5381	2.2159	.87231	6.6893	.32725	11.489

#1	.00958	.00271	.37695	.01110	.01003	.48400	.05464	.02860
#2	.00971	.00174	.39040	.01078	.01014	.44499	.05455	.02329
#3	.00977	.00265	.41230	.01126	.01021	.50855	.05490	.02391

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	.10482	.00695	.01501	-.00032	.0059	.00554	3.5630
Stddev	.00465	.00115	.00043	.00536	.00351	.0010	.00006	.7276
%RSD	125.70	1.0967	6.1488	35.687	1105.1	17.39	1.0626	20.420

#1	.00847	.10541	.00727	.01548	-.00225	.0071	.00547	4.3426
#2	-.00082	.10349	.00646	.00944	-.00243	.0057	.00557	3.4443
#3	.00344	.10555	.00710	.02012	.00373	.0051	.00558	2.9021

Sample Name: K1560-09RE Acquired: 3/29/2019 13:24:15 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: MDL

Elem U_3859
 Units ppm
 Avg 2.3609
 Stddev .4976
 %RSD 21.076

#1 2.4268
 #2 2.8222
 #3 1.8336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.6	38163.	3006.7	43.906	3981.7
Stddev	11.1	165.	7.1	.663	7.2
%RSD	.32105	.43365	.23727	1.5092	.18145

#1	3468.6	37979.	2999.6	44.325	3980.6
#2	3460.5	38209.	3013.9	44.250	3975.0
#3	3482.6	38300.	3006.8	43.142	3989.4

Sample Name: K1560-01 Acquired: 3/29/2019 13:28:44 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LOD Custom ID2: Custom ID3:
Comment: 75% RL

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00810	.01747	.00363	.00939	.01981	.03618	.04085	.00246	.00239
Stddev	.00129	.00072	.00022	.00134	.00219	.01490	.00074	.00010	.00007
%RSD	15.867	4.1108	6.0802	14.284	11.047	41.188	1.8002	4.0594	2.8055

#1	.00784	.01670	.00360	.01068	.01829	.04904	.04140	.00250	.00235
#2	.00697	.01759	.00342	.00801	.01882	.03964	.04001	.00254	.00246
#3	.00950	.01812	.00386	.00949	.02232	.01985	.04113	.00235	.00234

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80388	.00350	.01150	.00640	.03776	.00863	.71679	.01567	.00378
Stddev	.00716	.00019	.00032	.00016	.00098	.00016	.11311	.00036	.00022
%RSD	.89119	5.4503	2.7460	2.5210	2.6000	1.8048	15.780	2.2918	5.7449

#1	.81029	.00366	.01138	.00659	.03676	.00845	.71133	.01579	.00393
#2	.79615	.00329	.01186	.00633	.03872	.00873	.60651	.01527	.00388
#3	.80520	.00355	.01126	.00629	.03780	.00870	.83254	.01596	.00353

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	.64895	.01675	.01573	.77016	.08229	.04557	.00798	.15823	.01188
Stddev	.01274	.00022	.00010	.03538	.00031	.00420	.00417	.00365	.00021
%RSD	1.9626	1.3188	.62403	4.5932	.38205	9.2080	52.224	2.3086	1.7754

#1	.63934	.01687	.01562	.75223	.08197	.04142	.01212	.16197	.01187
#2	.64413	.01688	.01580	.81091	.08260	.04547	.00805	.15467	.01209
#3	.66340	.01649	.01576	.74734	.08231	.04981	.00378	.15803	.01167

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01923	.00317	.0067	.00824	1.1823	3.2798
Stddev	.00050	.00178	.0013	.00006	.9620	.7769
%RSD	2.6119	56.133	19.23	.67632	81.369	23.687

#1	.01865	.00112	.0052	.00826	2.1502	4.0535
#2	.01956	.00432	.0077	.00828	.22624	3.2860
#3	.01948	.00408	.0071	.00817	1.1704	2.4998

Sample Name: K1560-01 Acquired: 3/29/2019 13:28:44 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LOD Custom ID2: Custom ID3:
 Comment: 75% RL

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.1	39105.	3075.6	43.778	4055.4
Stddev	6.3	71.	20.7	2.466	4.6
%RSD	.17742	.18086	.67318	5.6329	.11272
#1	3530.0	39115.	3051.7	42.383	4053.4
#2	3539.3	39171.	3088.2	46.625	4052.2
#3	3542.0	39030.	3087.0	42.325	4060.6

Sample Name: K1560-07 Acquired: 3/29/2019 13:33:11 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 75% RL

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00872	.01626	.00399	.01146	.01878	.03070	.03935	.00231	.00229
Stddev	.00092	.00115	.00086	.00325	.00207	.00390	.00036	.00006	.00006
%RSD	10.531	7.0976	21.506	28.351	11.025	12.694	.92105	2.4964	2.4664
#1	.00973	.01732	.00497	.01306	.01896	.03275	.03957	.00231	.00223
#2	.00849	.01642	.00336	.01360	.01662	.02620	.03955	.00225	.00231
#3	.00793	.01503	.00365	.00772	.02075	.03314	.03894	.00236	.00233
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77375	.00399	.01113	.00598	.03503	.00823	.60279	.01462	.00427
Stddev	.01676	.00033	.00034	.00038	.00118	.00008	.03668	.00049	.00050
%RSD	2.1664	8.2831	3.0976	6.3730	3.3785	1.0026	6.0848	3.3195	11.762
#1	.76652	.00361	.01132	.00619	.03366	.00816	.60535	.01452	.00390
#2	.79292	.00418	.01073	.00554	.03563	.00832	.56490	.01515	.00485
#3	.76182	.00418	.01133	.00621	.03578	.00822	.63812	.01419	.00408
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	.61931	.01517	.01475	.74572	.07891	.04871	.00314	.14928	.01082
Stddev	.00561	.00008	.00013	.05915	.00011	.01222	.00108	.00311	.00078
%RSD	.90653	.50994	.87280	7.9321	.14343	25.080	34.352	2.0854	7.1737
#1	.61630	.01517	.01461	.68910	.07899	.05593	.00306	.15253	.01166
#2	.61585	.01525	.01482	.74095	.07897	.03461	.00211	.14633	.01068
#3	.62579	.01509	.01484	.80712	.07878	.05559	.00426	.14897	.01012
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.01625	.00231	.0075	.00796	1.2799	2.1448			
Stddev	.00476	.00168	.0010	.00011	1.1318	.2254			
%RSD	29.290	72.863	13.78	1.4205	88.432	10.511			
#1	.01608	.00046	.0065	.00808	2.0852	2.4020			
#2	.02109	.00375	.0086	.00795	-.01420	1.9813			
#3	.01158	.00271	.0074	.00786	1.7687	2.0512			

Sample Name: K1560-07 Acquired: 3/29/2019 13:33:11 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment: 75% RL

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3547.9	39548.	3115.0	44.631	4063.1
Stddev	1.7	134.	28.8	2.097	3.2
%RSD	.04825	.33956	.92409	4.6989	.07989
#1	3546.0	39396.	3084.6	42.933	4060.6
#2	3548.2	39648.	3141.8	46.975	4061.9
#3	3549.4	39601.	3118.8	43.983	4066.8

Sample Name: K1560-07RE Acquired: 3/29/2019 13:37:38 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 75% RL

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00681	.01668	.00415	.00997	.01842	.04056	.04068	.00249	.00227
Stddev	.00373	.00111	.00101	.00209	.00044	.00841	.00118	.00007	.00008
%RSD	54.757	6.6628	24.328	20.960	2.4046	20.735	2.8959	2.6439	3.3084
#1	.00932	.01612	.00307	.00758	.01793	.04961	.04122	.00242	.00235
#2	.00252	.01595	.00430	.01090	.01852	.03299	.03933	.00255	.00220
#3	.00858	.01796	.00507	.01143	.01880	.03907	.04149	.00249	.00227
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78829	.00373	.01158	.00621	.03563	.00833	.78057	.01520	.00393
Stddev	.01746	.00015	.00014	.00011	.00101	.00007	.06243	.00041	.00048
%RSD	2.2150	4.0139	1.1811	1.7343	2.8446	.85479	7.9984	2.6759	12.139
#1	.77475	.00366	.01142	.00610	.03543	.00826	.79666	.01561	.00398
#2	.80800	.00363	.01168	.00624	.03672	.00833	.71166	.01480	.00343
#3	.78213	.00390	.01163	.00631	.03472	.00840	.83338	.01520	.00438
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	.63578	.01553	.01544	.76599	.08052	.04028	.00767	.15091	.01177
Stddev	.00856	.00013	.00001	.04691	.00035	.01811	.00577	.00147	.00030
%RSD	1.3472	.86923	.09687	6.1238	.43612	44.970	75.286	.97327	2.5776
#1	.62850	.01539	.01546	.81826	.08064	.03079	.00242	.14924	.01212
#2	.63362	.01566	.01543	.75214	.08012	.02888	.01385	.15199	.01158
#3	.64521	.01554	.01543	.72756	.08079	.06116	.00673	.15150	.01161
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.01346	.00148	.0066	.00796	1.6433	1.5473			
Stddev	.00401	.00257	.0006	.00027	.4755	.8787			
%RSD	29.794	173.85	8.615	3.4369	28.936	56.792			
#1	.01256	.00139	.0072	.00810	1.9326	2.4406			
#2	.01784	-.00104	.0064	.00765	1.0945	1.5174			
#3	.00997	.00410	.0061	.00814	1.9029	.68390			

Sample Name: K1560-07RE Acquired: 3/29/2019 13:37:38 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment: 75% RL

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.3	39099.	3105.3	45.086	4051.4
Stddev	5.5	199.	14.1	.626	2.8
%RSD	.15644	.51017	.45508	1.3889	.06868
#1	3525.7	38878.	3104.3	45.042	4048.4
#2	3531.6	39266.	3119.9	45.733	4051.9
#3	3536.7	39153.	3091.7	44.483	4053.9

Sample Name: PB118439BL Acquired: 3/29/2019 13:42:05 Type: Unk
Method: P4-ICP2(v3000) 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	.00007	.00098	-.00074	.00270	-.00054	.01286	.00012	-.00004
Stddev	.00197	.00065	.00107	.00445	.00197	.00625	.00129	.00002
%RSD	2768.3	66.396	144.91	165.04	361.26	48.553	1045.0	49.641
#1	.00232	.00056	-.00081	.00323	-.00161	.01332	-.00110	-.00006
#2	-.00077	.00066	-.00176	.00687	.00172	.01887	-.00000	-.00002
#3	-.00134	.00173	.00037	-.00200	-.00175	.00640	.00147	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00646	-.00035	.00013	-.00209	-.00340	-.00018	-.08307
Stddev	.00007	.01079	.00053	.00025	.00013	.00056	.00006	.09667
%RSD	2683.7	166.93	150.29	192.70	6.2051	16.430	33.909	116.36
#1	-.00000	.00351	-.00011	.00033	-.00194	-.00379	-.00014	-.16044
#2	-.00007	-.01791	.00001	.00022	-.00215	-.00365	-.00024	-.11407
#3	.00007	-.00498	-.00095	-.00016	-.00219	-.00276	-.00014	.02529
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00020	-.13958	.00010	-.00044	-.07734	.00032	-.00892
Stddev	.00032	.00035	.00892	.00017	.00007	.04653	.00031	.02162
%RSD	113.87	175.26	6.3917	166.00	14.763	60.165	99.538	242.52
#1	-.00008	.00029	-.13137	.00025	-.00038	-.03143	.00031	.01210
#2	-.00066	-.00019	-.14907	.00013	-.00051	-.12447	.00000	-.03110
#3	-.00012	.00049	-.13829	-.00008	-.00045	-.07612	.00063	-.00775
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00472	.00074	-.00219	.00081	-.00565	-.0003	.00021	F 1.8649
Stddev	.00200	.00259	.00084	.00633	.00022	.0013	.00002	.7046
%RSD	42.437	349.58	38.537	786.12	3.9436	417.8	9.7223	37.779
#1	-.00433	.00247	-.00313	.00644	-.00583	-.0018	.00019	1.2773
#2	-.00689	-.00223	-.00191	.00203	-.00572	.0007	.00021	2.6460
#3	-.00294	.00198	-.00151	-.00605	-.00540	.0001	.00024	1.6715

Sample Name: PB118439BL Acquired: 3/29/2019 13:42:05 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5048
Stddev .5180
%RSD 34.422

#1 1.6087
#2 1.9630
#3 .94276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.3	39133.	3081.2	44.744	4053.9
Stddev	5.5	83.	32.2	1.111	4.2
%RSD	.15515	.21159	1.0455	2.4824	.10279

#1	3510.3	39053.	3070.9	44.567	4051.6
#2	3514.7	39218.	3055.4	45.933	4051.4
#3	3521.1	39127.	3117.3	43.733	4058.7

Sample Name: PB118433BS Acquired: 3/29/2019 13:46:32 Type: Unk
Method: P4-ICP2(v3000) 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	.77325	1.9901	.98554	1.9870	.79376	1.9553	.19882
Stddev	.00143	.0060	.00355	.0037	.00137	.0270	.00233
%RSD	.18464	.30250	.36008	.18603	.17215	1.3809	1.1720

#1	.77377	1.9840	.98534	1.9828	.79439	1.9533	.19867
#2	.77164	1.9902	.98210	1.9890	.79219	1.9833	.20122
#3	.77435	1.9961	.98918	1.9894	.79470	1.9294	.19656

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20271	.19265	1.0163	.41002	.19887	.33124	3.0994
Stddev	.00053	.00055	.0098	.00085	.00095	.00053	.0069
%RSD	.26140	.28734	.96734	.20611	.47667	.15923	.22231

#1	.20219	.19230	1.0066	.40959	.19847	.33071	3.0958
#2	.20325	.19235	1.0161	.41099	.19820	.33176	3.1073
#3	.20269	.19328	1.0263	.40947	.19996	.33123	3.0950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21262	1.8960	.49606	.07381	2.8000	.30771	.19816
Stddev	.00061	.0512	.00236	.00080	.0423	.00024	.00025
%RSD	.28889	2.7013	.47497	1.0899	1.5092	.07841	.12572

#1	.21260	1.8399	.49520	.07461	2.7936	.30746	.19836
#2	.21324	1.9403	.49425	.07300	2.8451	.30795	.19788
#3	.21201	1.9079	.49872	.07382	2.7614	.30771	.19824

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8439	.39447	.28993	8.8529	.88323	.64716	.19034
Stddev	.0853	.00086	.02637	.0250	.01874	.00325	.00220
%RSD	.86612	.21676	9.0942	.28251	2.1214	.50291	1.1548

#1	9.7885	.39350	.32034	8.8743	.88652	.64490	.18813
#2	9.9421	.39478	.27598	8.8254	.86307	.65089	.19036
#3	9.8012	.39512	.27347	8.8589	.90011	.64568	.19253

Sample Name: PB118433BS Acquired: 3/29/2019 13:46:32 Type: Unk
Method: P4-ICP2(v3000) 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	.20012	F 5.281	.19711	F 2.4974	F<.00000
Stddev	.00132	.018	.00117	.2078	1.0887
%RSD	.65892	.3435	.59153	8.3193	13.639

#1	.20045	5.280	.19756	2.3397	-8.7883
#2	.20125	5.263	.19579	2.4196	-6.7436
#3	.19867	5.299	.19798	2.7328	-8.4142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.5	38622.	3009.9	45.628	4011.0
Stddev	10.1	230.	29.5	.136	11.7
%RSD	.28950	.59568	.97912	.29750	.29161

#1	3489.1	38514.	3005.2	45.533	4001.6
#2	3488.3	38467.	3041.5	45.567	4007.2
#3	3506.2	38887.	2983.1	45.783	4024.1

Sample Name: PB118433BL Acquired: 3/29/2019 13:50:39 Type: Unk
Method: P4-ICP2(v3000) 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	.00122	.00089	-.00050	.00625	.00015	.01484	.00019	-.00007
Stddev	.00071	.00039	.00029	.00318	.00042	.01316	.00138	.00003
%RSD	58.117	44.034	58.499	50.962	276.29	88.670	736.22	51.320

#1	.00173	.00061	-.00067	.00272	-.00033	.00464	-.00063	-.00011
#2	.00152	.00072	-.00065	.00891	.00038	.02969	-.00059	-.00005
#3	.00041	.00133	-.00016	.00711	.00040	.01019	.00178	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01078	-.00025	.00007	-.00258	-.00404	-.00020	-.10016
Stddev	.00002	.03061	.00018	.00025	.00024	.00053	.00008	.02412
%RSD	63.115	283.83	72.201	369.71	9.1483	13.240	38.015	24.081

#1	.00007	-.04072	-.00006	-.00010	-.00233	-.00438	-.00025	-.07947
#2	.00002	.02045	-.00041	-.00005	-.00263	-.00431	-.00011	-.12665
#3	.00003	-.01207	-.00028	.00036	-.00279	-.00342	-.00025	-.09437

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.00030	-.14038	.00096	-.00051	-.00930	.00025	.01761
Stddev	.00033	.00072	.01113	.00032	.00008	.07150	.00021	.01311
%RSD	71.207	237.97	7.9268	33.882	16.031	769.02	84.721	74.416

#1	-.00013	.00072	-.15042	.00063	-.00055	-.00490	.00007	.02758
#2	-.00079	.00072	-.12842	.00127	-.00041	-.08289	.00019	.00277
#3	-.00047	-.00053	-.14230	.00097	-.00056	.05990	.00049	.02249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00499	.00162	-.00262	.00175	-.00679	-.0009	.00012	2.5539
Stddev	.00203	.00155	.00071	.00273	.00080	.0013	.00012	.6342
%RSD	40.724	95.956	27.204	155.70	11.856	133.8	100.84	24.832

#1	-.00719	-.00013	-.00187	-.00134	-.00614	.0005	.00019	2.6590
#2	-.00318	.00215	-.00329	.00382	-.00769	-.0018	-.00002	1.8737
#3	-.00461	.00284	-.00269	.00277	-.00654	-.0015	.00018	3.1289

Sample Name: PB118433BL Acquired: 3/29/2019 13:50:39 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1386
 Stddev .3727
 %RSD 32.730

#1 .72660
 #2 1.4522
 #3 1.2370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.5	38746.	3052.6	44.347	4015.6
Stddev	11.5	183.	6.6	.236	10.1
%RSD	.32985	.47119	.21538	.53293	.25226

#1	3490.9	38870.	3045.1	44.075	4013.6
#2	3486.9	38537.	3056.9	44.467	4006.6
#3	3508.6	38832.	3056.0	44.500	4026.6

Sample Name: PB118439BS Acquired: 3/29/2019 13:55:07 Type: Unk
Method: P4-ICP2(v3000) 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	.78637	2.0238	1.0006	2.0254	.81376	1.9867	.20369
Stddev	.00192	.0032	.0044	.0068	.00489	.0250	.00210
%RSD	.24361	.15771	.43817	.33623	.60100	1.2599	1.0333

#1	.78532	2.0211	.99841	2.0179	.80867	1.9773	.20149
#2	.78858	2.0273	1.0056	2.0312	.81843	1.9676	.20388
#3	.78520	2.0230	.99767	2.0269	.81419	2.0150	.20569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20612	.19578	1.0565	.41660	.20244	.33789	3.1442
Stddev	.00025	.00048	.0236	.00308	.00022	.00087	.0006
%RSD	.12294	.24703	2.2327	.73992	.10717	.25664	.02058

#1	.20630	.19527	1.0654	.41406	.20268	.33730	3.1437
#2	.20583	.19622	1.0297	.41572	.20225	.33888	3.1440
#3	.20623	.19586	1.0743	.42003	.20239	.33748	3.1449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21656	1.9138	.50457	.07340	2.8321	.31104	.20460
Stddev	.00051	.0647	.00078	.00138	.0261	.00058	.00060
%RSD	.23502	3.3797	.15386	1.8756	.91997	.18706	.29403

#1	.21601	1.9770	.50369	.07468	2.8069	.31063	.20407
#2	.21666	1.9166	.50512	.07358	2.8304	.31080	.20525
#3	.21702	1.8478	.50492	.07195	2.8589	.31171	.20447

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.087	.40162	.29977	8.9213	.89982	.66291	.19719
Stddev	.057	.00129	.00530	.0171	.01013	.00136	.00461
%RSD	.56852	.32023	1.7686	.19144	1.1259	.20499	2.3402

#1	10.021	.40094	.29760	8.9226	.89707	.66439	.19230
#2	10.123	.40310	.29589	8.9377	.91104	.66260	.19781
#3	10.116	.40081	.30581	8.9036	.89135	.66173	.20147

Sample Name: PB118439BS Acquired: 3/29/2019 13:55:07 Type: Unk
Method: P4-ICP2(v3000) 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	.20464	F 5.368	.20153	F 2.2125	F<.00000
Stddev	.00252	.008	.00037	.3582	1.6198
%RSD	1.2311	.1474	.18210	16.192	18.076

#1	.20715	5.376	.20190	2.5538	-10.800
#2	.20211	5.367	.20116	1.8395	-7.7456
#3	.20467	5.360	.20153	2.2442	-8.3374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.9	38740.	3016.9	45.872	4001.3
Stddev	3.3	24.	17.3	.142	12.2
%RSD	.09359	.06145	.57189	.30954	.30600

#1	3478.2	38732.	3012.7	46.008	3987.1
#2	3484.4	38720.	3002.0	45.725	4007.7
#3	3483.1	38766.	3035.8	45.883	4008.9

Sample Name: CCV02 Acquired: 3/29/2019 13:59:13 Type: Unk
Method: P4-ICP2(v3000) 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	5.1342	5.0894	5.1082	5.0928	5.1787	10.211	10.209	.25695
Stddev	.0250	.0281	.0168	.0244	.0143	.037	.048	.00070
%RSD	.48770	.55165	.32904	.47987	.27662	.36096	.47008	.27146
#1	5.1478	5.0698	5.0891	5.0810	5.1704	10.175	10.195	.25747
#2	5.1053	5.0768	5.1206	5.0765	5.1705	10.209	10.169	.25721
#3	5.1495	5.1216	5.1150	5.1209	5.1952	10.249	10.262	.25616
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5239	25.341	1.0098	2.5299	1.3110	5.0239	2.5865	25.307
Stddev	.0045	.091	.0023	.0028	.0018	.0174	.0011	.388
%RSD	.17908	.35892	.22576	.10920	.13840	.34565	.04401	1.5320
#1	2.5188	25.445	1.0084	2.5269	1.3128	5.0208	2.5876	25.150
#2	2.5274	25.276	1.0124	2.5307	1.3092	5.0084	2.5865	25.022
#3	2.5254	25.302	1.0085	2.5323	1.3109	5.0427	2.5853	25.749
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5019	1.2621	24.724	2.5141	2.5446	25.617	5.2049	5.1065
Stddev	.0009	.0029	.182	.0046	.0034	.106	.0055	.0125
%RSD	.03650	.22893	.73650	.18419	.13531	.41521	.10617	.24540
#1	2.5012	1.2612	24.590	2.5187	2.5410	25.548	5.2088	5.0992
#2	2.5029	1.2654	24.652	2.5095	2.5450	25.564	5.1986	5.0992
#3	2.5016	1.2599	24.931	2.5142	2.5478	25.740	5.2072	5.1209
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0396	5.1733	5.0479	5.0682	5.0987	5.013	5.2201	4.5928
Stddev	.0089	.0426	.0095	.0062	.0264	.022	.0214	.5361
%RSD	.17738	.82332	.18726	.12228	.51746	.4469	.41014	11.674
#1	5.0374	5.2170	5.0397	5.0686	5.1290	4.996	5.2439	4.2707
#2	5.0320	5.1711	5.0458	5.0619	5.0816	5.006	5.2139	4.2960
#3	5.0495	5.1319	5.0583	5.0742	5.0853	5.039	5.2024	5.2117

Sample Name: CCV02 Acquired: 3/29/2019 13:59:13 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.8778
 Stddev .7900
 %RSD 20.372

#1 3.0004
 #2 4.5326
 #3 4.1006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.5	38028.	3055.5	42.111	3656.0
Stddev	2.8	96.	18.1	1.086	4.1
%RSD	.08350	.25200	.59139	2.5784	.11212

#1	3395.1	38077.	3036.2	42.298	3660.6
#2	3399.7	38088.	3058.0	40.944	3655.0
#3	3394.5	37917.	3072.1	43.091	3652.6

Sample Name: CCB02 Acquired: 3/29/2019 14:03:11 Type: Unk
Method: P4-ICP2(v3000) 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	.00151	.00200	-.00040	.00106	.00085	.00120	.00160	-.00004
Stddev	.00297	.00029	.00063	.00276	.00061	.00803	.00077	.00003
%RSD	196.42	14.603	157.80	260.21	71.712	671.39	48.547	91.357
#1	.00468	.00224	-.00099	.00331	.00036	-.00588	.00079	-.00001
#2	.00105	.00167	-.00047	.00190	.00153	.00992	.00233	-.00007
#3	-.00120	.00208	.00026	-.00202	.00065	-.00046	.00166	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00170	-.00037	-.00000	-.00320	-.00390	-.00025	-.10076
Stddev	.00004	.03226	.00072	.00003	.00026	.00128	.00003	.04017
%RSD	1056.6	1896.2	191.73	808.92	8.2683	32.713	11.219	39.864
#1	.00001	.01379	-.00114	-.00002	-.00289	-.00458	-.00027	-.05653
#2	-.00004	.02618	-.00026	-.00003	-.00338	-.00471	-.00027	-.13497
#3	.00003	-.03486	.00028	.00004	-.00331	-.00243	-.00022	-.11078
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00002	-.12674	.00026	-.00031	.03181	.00050	.00131
Stddev	.00022	.00060	.00487	.00058	.00009	.01880	.00013	.01683
%RSD	89.470	2528.6	3.8392	219.03	29.646	59.093	25.103	1285.8
#1	.00049	-.00066	-.12178	.00092	-.00020	.05200	.00062	-.00968
#2	.00022	.00025	-.12693	-.00013	-.00035	.02858	.00037	-.00708
#3	.00004	.00047	-.13151	-.00000	-.00037	.01483	.00050	.02068
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00355	.00069	.00250	-.00531	-.0017	.00015	F 1.9485
Stddev	.00305	.00348	.00115	.00147	.00154	.0007	.00007	.3500
%RSD	571.94	97.898	167.87	58.652	29.046	44.46	45.655	17.962
#1	-.00049	.00755	.00193	.00159	-.00706	-.0008	.00016	2.2245
#2	.00396	.00122	.00049	.00420	-.00412	-.0019	.00021	1.5548
#3	-.00187	.00188	-.00035	.00173	-.00477	-.0022	.00008	2.0661

Sample Name: CCB02 Acquired: 3/29/2019 14:03:11 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1504
Stddev .4978
%RSD 15.803

#1 2.8722
#2 2.8539
#3 3.7252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.5	39217.	3053.2	43.969	4083.6
Stddev	3.1	161.	4.5	1.055	4.8
%RSD	.08850	.40967	.14896	2.3989	.11658

#1	3534.4	39040.	3052.0	45.117	4078.2
#2	3540.6	39256.	3049.4	43.042	4086.8
#3	3537.6	39354.	3058.3	43.750	4085.9

Sample Name: PB118440BL Acquired: 3/29/2019 14:07:40 Type: Unk
Method: P4-ICP2(v3000) 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	-.00075	.00085	-.00007	.00415	.00054	-.00292	.00079	.00008
Stddev	.00173	.00059	.00047	.00503	.00101	.01618	.00034	.00007
%RSD	231.16	68.804	653.08	121.15	185.79	554.38	42.361	88.454
#1	-.00275	.00073	-.00021	.00664	-.00057	.01011	.00071	.00004
#2	.00033	.00034	.00045	-.00164	.00080	-.02103	.00050	.00004
#3	.00017	.00149	-.00045	.00746	.00140	.00217	.00116	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01146	.00006	-.00007	-.00250	-.00288	-.00026	-.12895
Stddev	.00004	.02545	.00049	.00027	.00034	.00057	.00004	.02426
%RSD	49.666	222.15	822.40	390.65	13.385	19.719	16.825	18.813
#1	.00012	.02058	-.00021	.00024	-.00224	-.00279	-.00025	-.10270
#2	.00005	.03110	-.00023	-.00019	-.00240	-.00349	-.00022	-.13362
#3	.00006	-.01730	.00062	-.00026	-.00288	-.00237	-.00031	-.15054
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	.00011	-.14045	.00026	-.00038	-.03598	.00033	.02055
Stddev	.00024	.00023	.01173	.00055	.00004	.01192	.00007	.00831
%RSD	94.893	204.12	8.3551	209.11	9.8654	33.119	21.281	40.455
#1	-.00013	.00035	-.13690	-.00030	-.00041	-.03902	.00031	.01961
#2	-.00052	.00008	-.15355	.00030	-.00034	-.02284	.00041	.02928
#3	-.00010	-.00010	-.13090	.00079	-.00039	-.04609	.00027	.01274
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	.00103	-.00183	-.00011	-.00453	-.0008	.00015	F 2.4483
Stddev	.00219	.00154	.00059	.00096	.00201	.0008	.00002	.7272
%RSD	200.81	148.62	32.158	906.46	44.285	106.0	10.497	29.701
#1	-.00135	.00140	-.00213	-.00105	-.00222	-.0001	.00014	2.3757
#2	-.00314	.00236	-.00222	.00088	-.00550	-.0017	.00017	1.7602
#3	.00122	-.00065	-.00116	-.00015	-.00587	-.0006	.00014	3.2091

Sample Name: PB118440BL Acquired: 3/29/2019 14:07:40 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1101
Stddev	1.3861
%RSD	44.568

#1	1.5848
#2	3.4530
#3	4.2927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.0	38663.	3022.1	42.947	4027.7
Stddev	14.5	44.	17.7	1.160	12.2
%RSD	.41590	.11403	.58668	2.7010	.30306

#1	3484.9	38613.	3007.4	41.608	4016.0
#2	3488.5	38696.	3017.2	43.650	4026.7
#3	3511.7	38681.	3041.8	43.583	4040.4

Sample Name: PB118440BS Acquired: 3/29/2019 14:12:09 Type: Unk
Method: P4-ICP2(v3000) 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	.78610	2.0216	.99449	2.0177	.81293	2.0139	.20370
Stddev	.00383	.0035	.00137	.0050	.00137	.0332	.00176
%RSD	.48723	.17246	.13814	.24926	.16876	1.6495	.86640

#1	.78869	2.0227	.99481	2.0121	.81233	1.9941	.20166
#2	.78791	2.0244	.99568	2.0217	.81197	1.9955	.20475
#3	.78170	2.0177	.99299	2.0195	.81451	2.0523	.20468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20555	.19400	1.0227	.41749	.20037	.33476	3.1511
Stddev	.00015	.00037	.0639	.00307	.00095	.00054	.0007
%RSD	.07296	.19065	6.2516	.73469	.47408	.16155	.02115

#1	.20544	.19427	1.0271	.41555	.19990	.33525	3.1508
#2	.20550	.19358	1.0844	.41589	.19974	.33418	3.1506
#3	.20572	.19414	.95674	.42103	.20146	.33485	3.1518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21630	1.8481	.49996	.07401	2.8282	.31112	.20208
Stddev	.00082	.1276	.00158	.00015	.0395	.00145	.00077
%RSD	.37747	6.9064	.31701	.19708	1.3956	.46638	.38314

#1	.21699	1.9461	.50077	.07407	2.8159	.31272	.20204
#2	.21540	1.7038	.49813	.07384	2.7962	.30990	.20133
#3	.21652	1.8946	.50097	.07411	2.8723	.31073	.20287

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9708	.40272	.29721	8.9849	.90250	.66332	.19956
Stddev	.0994	.00119	.02330	.0128	.01783	.00193	.00481
%RSD	.99686	.29559	7.8380	.14204	1.9755	.29086	2.4091

#1	9.8994	.40137	.32312	8.9903	.92287	.66110	.20501
#2	9.9287	.40319	.29054	8.9703	.89489	.66455	.19593
#3	10.084	.40361	.27798	8.9941	.88974	.66432	.19773

Sample Name: PB118440BS Acquired: 3/29/2019 14:12:09 Type: Unk
 Method: P4-ICP2(v3000) 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	.20291	5.386	.19995	F 3.8001	F<.00000
Stddev	.00309	.025	.00146	.5712	.74317
%RSD	1.5239	.4703	.72831	15.032	9.0514

#1	.20648	5.411	.20132	3.7798	-8.3839
#2	.20093	5.386	.19842	4.3812	-8.8518
#3	.20134	5.360	.20011	3.2393	-7.3960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3450.9	38192.	2980.8	44.042	3966.2
Stddev	9.7	158.	40.1	1.946	8.5
%RSD	.28013	.41367	1.3442	4.4177	.21437

#1	3439.8	38020.	2934.9	41.967	3957.8
#2	3456.7	38331.	2999.0	44.333	3974.8
#3	3456.4	38225.	3008.6	45.825	3966.1

Sample Name: K2159-01 Acquired: 3/29/2019 14:19:08 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	.00364	.01755	.01182	-.00220	-.27051	.28188	.00013
Stddev	.00402	.00145	.00068	.00125	.00139	.01720	.00453	.00004
%RSD	209.49	39.933	3.8464	10.581	63.197	6.3595	1.6064	28.302
#1	.00401	.00487	.01683	.01324	-.00268	-.25075	.27842	.00009
#2	.00446	.00203	.01766	.01090	-.00329	-.27858	.28700	.00014
#3	-.00271	.00402	.01817	.01132	-.00063	-.28219	.28021	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	288.95	-.00158	-.00064	.00315	-.02542	-.00082	100.42
Stddev	.00003	2.83	.00045	.00019	.00048	.00118	.00012	1.70
%RSD	6.9211	.98007	28.775	29.600	15.165	4.6428	14.294	1.6928
#1	.00040	292.10	-.00192	-.00044	.00369	-.02670	-.00069	98.827
#2	.00035	286.62	-.00175	-.00069	.00279	-.02520	-.00085	102.21
#3	.00035	288.12	-.00106	-.00081	.00297	-.02437	-.00092	100.22
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00573	-.00730	1226.1	.00036	.04321	47.306	.12617	.37326
Stddev	.00081	.00077	3.9	.00011	.00007	.115	.00063	.02518
%RSD	14.059	10.533	.31827	31.612	.16510	.24403	.50321	6.7461
#1	-.00646	-.00744	1227.4	.00040	.04319	47.199	.12560	.34763
#2	-.00487	-.00800	1229.2	.00023	.04316	47.290	.12606	.37419
#3	-.00588	-.00648	1221.7	.00045	.04329	47.428	.12685	.39797
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 92.086	F 15.854	-.03434	-.01117	.04809	.0165	2.0692	9.3882
Stddev	.463	.244	.00023	.00144	.00099	.0011	.0192	.4536
%RSD	.50323	1.5412	.65531	12.901	2.0673	6.867	.92688	4.8318
#1	91.619	16.122	-.03424	-.01136	.04694	.0152	2.0906	8.8656
#2	92.093	15.644	-.03419	-.01250	.04870	.0171	2.0534	9.6187
#3	92.546	15.797	-.03460	-.00964	.04863	.0173	2.0637	9.6802

Sample Name: K2159-01 Acquired: 3/29/2019 14:19:08 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.441
Stddev	1.388
%RSD	13.288

#1	8.9649
#2	10.641
#3	11.718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2985.0	35023.	2957.8	39.155	3075.1
Stddev	23.2	42.	36.4	1.535	15.0
%RSD	.77560	.12104	1.2294	3.9209	.48761

#1	2986.4	35065.	2917.8	40.809	3085.3
#2	3007.5	35022.	2989.0	38.882	3082.1
#3	2961.3	34980.	2966.5	37.775	3057.9

Sample Name: K2140-01 Acquired: 3/29/2019 14:23:40 Type: Unk
Method: P4-ICP2(v3000) 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	.00561	.00347	.09594	.09339	.00893	14.764	3.9243
Stddev	.00409	.00047	.00053	.00248	.00214	.141	.0370
%RSD	72.967	13.491	.55347	2.6527	23.994	.95289	.94350

#1	.00261	.00312	.09573	.09336	.01131	14.613	3.8882
#2	.01026	.00400	.09556	.09094	.00834	14.786	3.9226
#3	.00395	.00329	.09655	.09589	.00714	14.892	3.9622

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00404	.00761	142.04	.15793	.01975	2.6241	166.50
Stddev	.00015	.00032	.38	.00234	.00009	.0038	1.26
%RSD	3.7814	4.2229	.27023	1.4804	.43625	.14630	.75526

#1	-.00391	.00750	141.65	.16019	.01965	2.6283	165.71
#2	-.00401	.00797	142.42	.15552	.01982	2.6233	165.85
#3	-.00421	.00736	142.04	.15809	.01977	2.6207	167.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4427	10.554	.07907	.01442	4.4265	.03031	9.8131
Stddev	.0050	.038	.00048	.00059	.0363	.00050	.0056
%RSD	.34519	.36194	.60907	4.0979	.81976	1.6456	.05673

#1	1.4401	10.541	.07877	.01479	4.4664	.03081	9.8077
#2	1.4396	10.525	.07962	.01474	4.4175	.02981	9.8188
#3	1.4485	10.598	.07881	.01374	4.3955	.03031	9.8129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0118	.02684	.09418	F 70.178	1.4558	.11526	.20962
Stddev	.0037	.00029	.02511	.090	.0065	.00069	.00074
%RSD	.09140	1.0910	26.667	.12769	.44410	.59852	.35377

#1	4.0145	.02711	.12199	70.212	1.4498	.11482	.20921
#2	4.0133	.02653	.08737	70.076	1.4627	.11491	.20918
#3	4.0076	.02689	.07317	70.246	1.4548	.11606	.21048

Sample Name: K2140-01 Acquired: 3/29/2019 14:23:40 Type: Unk
 Method: P4-ICP2(v3000) 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	.01576	F 103.2	.64407	<.00000	F<.00000
Stddev	.00096	.1	.00265	.50147	2.1093
%RSD	6.0902	.1121	.41216	4.2872	.55545

#1	.01518	103.3	.64205	-11.303	-380.64
#2	.01523	103.1	.64707	-12.261	-377.35
#3	.01686	103.3	.64308	-11.526	-381.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.4	43824.	3578.8	43.563	3680.5
Stddev	20.2	162.	19.7	.742	16.1
%RSD	.52748	.36899	.55064	1.7039	.43714

#1	3810.0	43842.	3560.8	44.398	3665.9
#2	3838.1	43976.	3575.6	42.979	3678.0
#3	3849.2	43654.	3599.9	43.313	3697.7

Sample Name: K2142-01 Acquired: 3/29/2019 14:28:00 Type: Unk
Method: P4-ICP2(v3000) 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	.00595	.00078	.01764	.00986	-.00033	40.251	.07492	-.00026
Stddev	.00319	.00124	.00045	.00029	.00232	.356	.00032	.00003
%RSD	53.609	160.01	2.5378	2.9342	701.70	.88345	.42741	12.645

#1	.00373	.00141	.01786	.00998	.00031	40.059	.07459	-.00029
#2	.00452	.00158	.01712	.00953	-.00290	40.033	.07523	-.00023
#3	.00961	-.00066	.01793	.01007	.00160	40.662	.07494	-.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	9.6558	.00893	.00078	.27964	3.9805	.13050	1.2744
Stddev	.00001	.0505	.00062	.00020	.00032	.0163	.00027	.0227
%RSD	2.5421	.52295	6.9376	25.875	.11287	.40877	.20464	1.7843

#1	.00055	9.6631	.00913	.00059	.27995	3.9723	.13024	1.2522
#2	.00055	9.7023	.00823	.00100	.27932	3.9700	.13048	1.2976
#3	.00052	9.6021	.00942	.00076	.27965	3.9992	.13078	1.2735

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00512	.00112	6.1523	.00409	.56125	1.5970	.00241	.01452
Stddev	.00043	.00023	.0869	.00077	.00161	.0451	.00020	.02908
%RSD	8.3298	20.454	1.4132	18.753	.28736	2.8231	8.3605	200.26

#1	.00486	.00138	6.0893	.00436	.56311	1.5620	.00221	.01279
#2	.00561	.00094	6.1161	.00468	.56040	1.5812	.00262	-.01366
#3	.00488	.00104	6.2515	.00322	.56025	1.6479	.00239	.04443

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2880	.87449	.00811	.06592	-.00215	F 12.39	.04124	1.5060
Stddev	.0155	.01521	.00033	.00257	.00285	.03	.00039	.2449
%RSD	.36132	1.7389	4.0247	3.8921	132.65	.2434	.93380	16.262

#1	4.2944	.88726	.00774	.06784	-.00348	12.36	.04082	1.3880
#2	4.2993	.87854	.00821	.06692	.00112	12.41	.04157	1.3424
#3	4.2703	.85767	.00837	.06301	-.00409	12.41	.04133	1.7876

Sample Name: K2142-01 Acquired: 3/29/2019 14:28:00 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .34122
%RSD 103.51

#1 -.22821
#2 -.05063
#3 -.71007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3517.1	39405.	3103.1	44.035	3940.0
Stddev	12.4	102.	43.3	.996	15.6
%RSD	.35140	.25938	1.3940	2.2610	.39476

#1	3503.5	39475.	3070.4	42.925	3922.4
#2	3527.7	39452.	3086.8	44.329	3951.9
#3	3520.0	39288.	3152.2	44.850	3945.7

Sample Name: PB118393BL Acquired: 3/29/2019 14:32:16 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118393BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00069	-.00091	.00202	-.00058	-.00141	.00059	-.00005
Stddev	.00270	.00058	.00057	.00127	.00143	.01307	.00179	.00004
%RSD	1065.1	85.196	62.805	62.988	247.13	928.63	304.34	70.610

#1	.00019	.00007	-.00133	.00270	-.00069	.00772	-.00088	-.00009
#2	-.00242	.00123	-.00026	.00280	-.00195	-.01638	.00006	-.00002
#3	.00299	.00075	-.00113	.00055	.00090	.00444	.00259	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00023	-.00015	.00033	-.00176	-.00074	-.00028	-.08730
Stddev	.00003	.02203	.00015	.00020	.00044	.00130	.00004	.06558
%RSD	202.31	9457.8	100.96	61.123	24.967	175.74	15.863	75.123

#1	-.00003	-.02482	-.00021	.00033	-.00197	-.00067	-.00029	-.16183
#2	-.00004	.00889	.00002	.00013	-.00205	-.00208	-.00032	-.03847
#3	.00002	.01662	-.00025	.00054	-.00125	.00052	-.00023	-.06159

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00012	.09426	.00018	.00033	-.04912	-.00003	.00255
Stddev	.00019	.00057	.00403	.00019	.00010	.05932	.00008	.01825
%RSD	76.316	460.30	4.2760	101.60	31.685	120.75	256.93	715.72

#1	-.00045	-.00079	.09833	.00005	.00045	.01919	.00006	.01662
#2	-.00021	.00021	.09419	.00040	.00029	-.08762	-.00008	-.01807
#3	-.00008	.00021	.09027	.00011	.00025	-.07894	-.00008	.00910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00578	.00787	-.00192	.00009	.00025	.0015	.00016	2.7012
Stddev	.00135	.00036	.00035	.00025	.00208	.0003	.00007	.2424
%RSD	23.438	4.5788	18.067	274.60	824.99	22.10	45.263	8.9748

#1	.00698	.00759	-.00154	.00004	.00258	.0013	.00016	2.9783
#2	.00431	.00828	-.00222	-.00013	-.00143	.0019	.00009	2.5283
#3	.00605	.00775	-.00199	.00036	-.00040	.0013	.00023	2.5970

Sample Name: PB118393BL Acquired: 3/29/2019 14:32:16 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118393BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7370
Stddev	.8488
%RSD	31.010

#1	3.7155
#2	2.2964
#3	2.1993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.2	39111.	3035.5	41.806	4085.0
Stddev	13.5	189.	19.9	.996	16.9
%RSD	.38329	.48307	.65523	2.3822	.41457

#1	3517.4	38907.	3056.5	42.808	4066.8
#2	3521.6	39146.	3016.9	41.792	4087.9
#3	3542.6	39280.	3033.1	40.817	4100.3

Sample Name: PB118393BS Acquired: 3/29/2019 14:36:43 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118393BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77944	2.0193	.99076	2.0118	.78591	1.9526	.19851	.20236
Stddev	.00674	.0035	.00154	.0058	.00481	.0144	.00094	.00007
%RSD	.86437	.17380	.15528	.28916	.61155	.73859	.47212	.03368

#1	.78507	2.0153	.98952	2.0157	.78188	1.9513	.19880	.20241
#2	.78128	2.0218	.99029	2.0147	.79123	1.9388	.19746	.20228
#3	.77197	2.0207	.99248	2.0051	.78461	1.9676	.19926	.20239

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19307	1.0388	.41258	.19990	.33328	3.1164	.21390	1.8300
Stddev	.00090	.0162	.00047	.00056	.00084	.0036	.00025	.0611
%RSD	.46614	1.5609	.11508	.27807	.25129	.11659	.11899	3.3384

#1	.19208	1.0233	.41230	.19948	.33234	3.1179	.21380	1.7695
#2	.19331	1.0375	.41313	.19970	.33355	3.1190	.21372	1.8289
#3	.19383	1.0556	.41231	.20053	.33396	3.1122	.21419	1.8916

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49817	.07303	2.8936	.30807	.19782	9.9245	.39001	.29032
Stddev	.00281	.00034	.0233	.00054	.00064	.0304	.00082	.02238
%RSD	.56306	.46125	.80386	.17621	.32115	.30599	.21047	7.7078

#1	.49533	.07278	2.8852	.30849	.19749	9.9115	.38964	.27383
#2	.49826	.07341	2.9199	.30827	.19741	9.9592	.38944	.28134
#3	.50094	.07290	2.8757	.30746	.19855	9.9029	.39095	.31580

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8133	.89924	.63782	.19080	.20692	5.349	.19937	2.4639
Stddev	.0020	.01374	.00113	.00465	.00255	.009	.00042	.2252
%RSD	.02302	1.5274	.17709	2.4348	1.2323	.1703	.20820	9.1383

#1	8.8116	.91326	.63721	.18564	.20487	5.342	.19890	2.2476
#2	8.8126	.89865	.63912	.19212	.20978	5.345	.19949	2.6970
#3	8.8155	.88581	.63712	.19464	.20611	5.359	.19970	2.4472

Sample Name: PB118393BS Acquired: 3/29/2019 14:36:43 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118393BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.3332
%RSD	17.083

#1	-7.2978
#2	-9.3162
#3	-6.7983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.1	38898.	2974.5	44.128	4010.8
Stddev	12.1	84.	12.5	1.349	12.2
%RSD	.34663	.21666	.41985	3.0566	.30360

#1	3474.2	38802.	2961.4	43.283	4002.8
#2	3476.1	38931.	2975.6	45.683	4004.7
#3	3496.0	38961.	2986.3	43.417	4024.8

Sample Name: PB118395BL Acquired: 3/29/2019 14:40:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00156	-.00140	.00050	-.00069	-.01083	.00177	-.00000
Stddev	.00328	.00037	.00029	.00187	.00176	.00794	.00077	.00005
%RSD	785.60	23.381	20.816	377.29	254.38	73.351	43.480	1233.8
#1	.00069	.00131	-.00156	-.00166	.00004	-.00168	.00242	.00005
#2	.00355	.00140	-.00157	.00144	-.00270	-.01488	.00196	-.00000
#3	-.00299	.00198	-.00106	.00171	.00058	-.01592	.00092	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00968	-.00024	.00011	-.00244	-.00351	-.00026	-.15398
Stddev	.00005	.00279	.00012	.00006	.00024	.00079	.00005	.03584
%RSD	353.50	28.814	50.958	52.461	9.9352	22.395	20.345	23.273
#1	.00004	.00864	-.00038	.00010	-.00267	-.00314	-.00031	-.12219
#2	.00005	.01284	-.00014	.00006	-.00245	-.00442	-.00025	-.14693
#3	-.00004	.00756	-.00021	.00017	-.00219	-.00298	-.00021	-.19282
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00012	-.05896	.00034	-.00037	.00437	.00020	-.00677
Stddev	.00032	.00080	.01059	.00041	.00012	.06564	.00017	.01451
%RSD	1090.5	662.43	17.958	120.20	32.510	1501.4	84.534	214.21
#1	.00033	-.00067	-.06186	.00025	-.00048	.07982	.00017	-.00368
#2	.00006	.00079	-.06779	-.00001	-.00040	-.02707	.00039	.00594
#3	-.00030	-.00049	-.04722	.00079	-.00024	-.03963	.00005	-.02258
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	.00070	-.00252	.00389	-.00432	.0005	.00019	F 2.1031
Stddev	.00239	.00346	.00037	.00486	.00219	.0014	.00016	.7822
%RSD	90.671	493.41	14.789	124.78	50.736	293.2	83.410	37.193
#1	.00540	.00348	-.00288	-.00021	-.00671	.0021	.00003	2.3866
#2	.00119	.00179	-.00213	.00262	-.00240	-.0004	.00018	2.7041
#3	.00133	-.00317	-.00255	.00925	-.00386	-.0003	.00035	1.2187

Sample Name: PB118395BL Acquired: 3/29/2019 14:40:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7737
Stddev .5968
%RSD 21.515

#1 2.2102
#2 2.7120
#3 3.3989

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.8	39571.	3019.0	43.103	4088.5
Stddev	35.0	116.	22.7	1.054	59.6
%RSD	.98609	.29422	.75310	2.4460	1.4571

#1	3591.9	39444.	3045.2	41.917	4156.9
#2	3527.4	39598.	3005.9	43.933	4048.3
#3	3536.0	39672.	3005.8	43.458	4060.1

Sample Name: PB118395BS Acquired: 3/29/2019 14:45:16 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77111	1.9854	.97920	1.9816	.79480	2.0317	.20365
Stddev	.00848	.0141	.00507	.0031	.00396	.0097	.00270
%RSD	1.1001	.70867	.51799	.15834	.49848	.47581	1.3273

#1	.77987	1.9953	.98344	1.9812	.79921	2.0336	.20616
#2	.77052	1.9917	.98058	1.9787	.79154	2.0403	.20400
#3	.76293	1.9693	.97358	1.9849	.79366	2.0213	.20079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20575	.19158	1.0413	.41463	.19753	.33089	3.1344
Stddev	.00056	.00067	.0079	.00190	.00097	.00042	.0018
%RSD	.27126	.34718	.75569	.45782	.49044	.12578	.05653

#1	.20637	.19219	1.0357	.41643	.19815	.33137	3.1364
#2	.20560	.19169	1.0503	.41481	.19803	.33068	3.1331
#3	.20528	.19087	1.0379	.41265	.19641	.33063	3.1337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21509	1.8590	.49474	.07331	2.8916	.31176	.20057
Stddev	.00041	.1577	.00179	.00128	.0154	.00276	.00118
%RSD	.18901	8.4834	.36234	1.7427	.53353	.88603	.59072

#1	.21479	1.8927	.49604	.07432	2.9077	.31369	.20141
#2	.21492	1.6871	.49549	.07372	2.8902	.31299	.20109
#3	.21555	1.9971	.49270	.07187	2.8770	.30859	.19921

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.108	.39176	.30535	8.7899	.89515	.64626	.19498
Stddev	.078	.00205	.01652	.0682	.00582	.00321	.00232
%RSD	.76930	.52325	5.4090	.77624	.65029	.49596	1.1903

#1	10.106	.39403	.29756	8.8559	.88886	.64979	.19350
#2	10.187	.39120	.32433	8.7940	.89624	.64548	.19766
#3	10.031	.39004	.29418	8.7196	.90034	.64352	.19379

Sample Name: PB118395BS Acquired: 3/29/2019 14:45:16 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20257	5.321	.19722	F 2.5389	F<.00000
Stddev	.00065	.038	.00087	.2063	.14763
%RSD	.32213	.7083	.43991	8.1244	2.0104

#1	.20325	5.361	.19772	2.7181	-7.2587
#2	.20195	5.313	.19772	2.5851	-7.5135
#3	.20251	5.287	.19622	2.3134	-7.2570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.8	38224.	3000.2	44.319	4026.1
Stddev	6.9	113.	13.0	.234	14.9
%RSD	.19761	.29620	.43463	.52726	.36966

#1	3501.0	38096.	3005.3	44.467	4014.6
#2	3511.1	38268.	3009.8	44.442	4020.7
#3	3514.2	38309.	2985.3	44.050	4042.9

Sample Name: K2099-12 Acquired: 3/29/2019 14:49:22 Type: Unk
Method: P4-ICP2(v3000) 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	.00454	-.00282	.00983	.00829	-.00256	-.13969	.43327	.00011
Stddev	.00416	.00125	.00103	.00309	.00299	.02448	.00457	.00007
%RSD	91.625	44.432	10.489	37.317	116.87	17.524	1.0550	66.892
#1	.00393	-.00164	.00946	.00619	-.00549	-.11896	.42802	.00013
#2	.00072	-.00414	.01100	.00684	.00049	-.16670	.43637	.00003
#3	.00898	-.00270	.00904	.01184	-.00268	-.13342	.43543	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	162.02	-.00130	.00670	.00967	-.00221	1.0927	17.183
Stddev	.00003	1.15	.00038	.00010	.00037	.00054	.0027	.181
%RSD	8.9332	.71144	29.502	1.5611	3.8726	24.210	.24657	1.0557
#1	.00040	162.95	-.00085	.00659	.01004	-.00175	1.0913	17.017
#2	.00035	160.73	-.00154	.00678	.00968	-.00280	1.0958	17.376
#3	.00033	162.37	-.00149	.00675	.00929	-.00209	1.0909	17.155
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00220	-.00470	1703.2	-.00141	.04638	17.757	.01352	.07154
Stddev	.00070	.00078	23.0	.00024	.00011	.240	.00041	.01077
%RSD	31.815	16.701	1.3510	16.743	.22894	1.3509	3.0033	15.060
#1	.00166	-.00514	1713.2	-.00161	.04640	17.493	.01386	.06821
#2	.00195	-.00379	1719.5	-.00115	.04648	17.962	.01307	.08359
#3	.00299	-.00516	1676.9	-.00146	.04627	17.816	.01364	.06282
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.576	3.9582	-.01119	.00009	.00673	.0084	.79954	12.412
Stddev	.151	.0920	.00109	.00352	.00031	.0005	.00175	.340
%RSD	.43744	2.3252	9.7464	3930.1	4.5491	6.087	.21851	2.7432
#1	34.404	4.0427	-.00995	-.00179	.00676	.0079	.80047	12.691
#2	34.640	3.8601	-.01162	-.00209	.00641	.0088	.79753	12.511
#3	34.685	3.9718	-.01201	.00415	.00702	.0086	.80062	12.032

Sample Name: K2099-12 Acquired: 3/29/2019 14:49:22 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.654
Stddev 2.805
%RSD 22.166

#1 15.892
#2 11.093
#3 10.977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.8	33491.	2924.6	41.616	3083.1
Stddev	9.9	159.	38.5	1.148	9.3
%RSD	.32940	.47536	1.3148	2.7592	.30181

#1	3007.7	33670.	2889.0	40.369	3093.7
#2	2996.4	33365.	2965.4	41.850	3079.0
#3	3016.2	33439.	2919.4	42.630	3076.5

Sample Name: CCV03 Acquired: 3/29/2019 14:53:54 Type: Unk
Method: P4-ICP2(v3000) 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	5.1730	5.1416	5.1185	5.1808	5.2371	10.522	10.465	.26421
Stddev	.0077	.0178	.0236	.0208	.0068	.046	.019	.00018
%RSD	.14972	.34669	.46049	.40172	.13051	.44084	.18467	.06979
#1	5.1733	5.1429	5.1039	5.2003	5.2435	10.521	10.487	.26421
#2	5.1807	5.1588	5.1457	5.1833	5.2379	10.477	10.450	.26403
#3	5.1652	5.1232	5.1059	5.1589	5.2299	10.569	10.458	.26440
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5422	25.651	1.0329	2.5527	1.3230	5.1602	2.6365	25.675
Stddev	.0111	.082	.0021	.0079	.0006	.0197	.0038	.098
%RSD	.43730	.31957	.20613	.31035	.04890	.38195	.14342	.38254
#1	2.5342	25.744	1.0308	2.5498	1.3234	5.1629	2.6385	25.564
#2	2.5549	25.620	1.0350	2.5617	1.3233	5.1393	2.6322	25.710
#3	2.5376	25.589	1.0330	2.5467	1.3222	5.1785	2.6390	25.750
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5387	1.2868	26.045	2.5831	2.5665	26.380	5.2389	5.2743
Stddev	.0068	.0004	.174	.0105	.0103	.096	.0045	.0458
%RSD	.26845	.02802	.66816	.40669	.39948	.36238	.08560	.86761
#1	2.5343	1.2864	26.122	2.5920	2.5621	26.488	5.2363	5.3174
#2	2.5466	1.2869	25.846	2.5715	2.5782	26.304	5.2440	5.2263
#3	2.5353	1.2870	26.168	2.5857	2.5591	26.349	5.2362	5.2793
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1023	5.2438	5.0866	5.1169	5.2198	5.090	5.2790	F 8.1984
Stddev	.0138	.0375	.0263	.0218	.0364	.020	.0349	.1047
%RSD	.27095	.71484	.51804	.42591	.69815	.3854	.66175	1.2765
#1	5.1114	5.2863	5.0708	5.1293	5.2602	5.086	5.3189	8.2631
#2	5.1091	5.2156	5.1170	5.1296	5.2098	5.112	5.2645	8.0776
#3	5.0864	5.2293	5.0721	5.0917	5.1894	5.073	5.2537	8.2544

Sample Name: CCV03 Acquired: 3/29/2019 14:53:54 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.3366
Stddev .7333
%RSD 13.741

#1 5.1354
#2 4.7249
#3 6.1495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.8	36333.	2955.3	41.714	3568.5
Stddev	10.8	177.	26.3	1.164	13.0
%RSD	.32469	.48697	.89117	2.7916	.36377

#1	3308.4	36163.	2924.9	40.402	3563.5
#2	3321.1	36516.	2970.1	42.624	3558.7
#3	3329.8	36320.	2970.9	42.116	3583.2

Sample Name: CCB03 Acquired: 3/29/2019 15:02:21 Type: Unk
Method: P4-ICP2(v3000) 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	.00122	.00131	-.00129	.00023	-.00070	-.00653	.00273	-.00001
Stddev	.00195	.00043	.00083	.00040	.00087	.01014	.00059	.00004
%RSD	160.40	32.362	64.254	178.12	123.51	155.38	21.414	404.70
#1	.00187	.00083	-.00197	-.00003	-.00170	-.00538	.00263	.00003
#2	.00276	.00146	-.00037	.00069	-.00028	.00299	.00337	-.00001
#3	-.00098	.00164	-.00152	.00002	-.00012	-.01719	.00221	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00716	-.00019	-.00023	-.00203	-.00408	-.00008	-.13212
Stddev	.00001	.01570	.00065	.00025	.00068	.00023	.00005	.01649
%RSD	124.88	219.30	346.80	108.13	33.443	5.6849	61.399	12.480
#1	-.00002	-.00543	-.00030	-.00018	-.00196	-.00411	-.00013	-.11839
#2	-.00002	-.02366	-.00078	-.00001	-.00275	-.00429	-.00007	-.12755
#3	.00001	.00760	.00051	-.00051	-.00139	-.00383	-.00003	-.15041
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	.00057	.22799	.00026	-.00045	-.03417	.00012	.00851
Stddev	.00026	.00067	.01672	.00016	.00010	.02223	.00007	.01321
%RSD	59.749	116.90	7.3325	60.121	22.457	65.058	56.099	155.34
#1	-.00072	-.00018	.24506	.00029	-.00043	-.03487	.00006	.00855
#2	-.00021	.00081	.22728	.00040	-.00057	-.05605	.00010	-.00473
#3	-.00037	.00109	.21164	.00009	-.00036	-.01160	.00019	.02169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00283	.00298	-.00107	.00260	.00128	-.0004	.00021	F 3.1657
Stddev	.00288	.00213	.00059	.00256	.00061	.0014	.00015	.8475
%RSD	101.80	71.439	55.431	98.320	47.494	394.7	71.949	26.770
#1	-.00578	.00056	-.00039	.00282	.00198	.0008	.00036	3.2836
#2	-.00266	.00458	-.00136	-.00006	.00088	-.0020	.00021	3.9480
#3	-.00003	.00381	-.00146	.00504	.00098	.0001	.00006	2.2655

Sample Name: CCB03 Acquired: 3/29/2019 15:02:21 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4726
Stddev 1.0054
%RSD 40.660

#1 2.6958
#2 1.3744
#3 3.3477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.5	38220.	3034.5	44.008	4032.1
Stddev	5.9	79.	25.2	1.800	11.8
%RSD	.16667	.20649	.82926	4.0902	.29272

#1	3514.7	38135.	3039.0	42.283	4018.9
#2	3521.7	38236.	3057.2	43.867	4041.5
#3	3510.1	38290.	3007.4	45.875	4036.1

Sample Name: PB118404BL Acquired: 3/29/2019 15:06:50 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118404BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00132	-.00081	.00140	-.00120	-.00094	.00078	.00001
Stddev	.00088	.00058	.00019	.00170	.00082	.00773	.00058	.00006
%RSD	87.069	43.794	23.762	121.40	68.418	824.56	73.711	783.14
#1	.00198	.00081	-.00068	.00308	-.00061	-.00148	.00016	.00006
#2	.00084	.00119	-.00072	-.00032	-.00085	-.00838	.00130	-.00006
#3	.00023	.00195	-.00103	.00145	-.00214	.00705	.00089	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01540	-.00040	.00004	-.00204	-.00349	-.00017	-.12887
Stddev	.00005	.01637	.00026	.00004	.00021	.00112	.00009	.03347
%RSD	109.59	106.26	64.670	98.723	10.127	31.957	50.894	25.977
#1	.00010	-.03429	-.00011	.00009	-.00180	-.00344	-.00025	-.15630
#2	.00001	-.00545	-.00061	.00000	-.00218	-.00464	-.00018	-.09157
#3	.00003	-.00647	-.00047	.00004	-.00214	-.00240	-.00008	-.13873
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	.00013	.07725	.00048	-.00047	-.02307	.00019	-.00133
Stddev	.00033	.00039	.00934	.00032	.00007	.00951	.00010	.01992
%RSD	51.426	300.96	12.089	65.772	14.719	41.240	54.600	1493.0
#1	-.00103	-.00022	.06647	.00012	-.00039	-.03382	.00009	-.01347
#2	-.00049	.00006	.08257	.00067	-.00052	-.01575	.00030	.02166
#3	-.00043	.00055	.08270	.00065	-.00048	-.01963	.00019	-.01219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	.00004	-.00165	.00324	-.00047	.0010	.00014	F 3.5773
Stddev	.00311	.00218	.00100	.00713	.00168	.0007	.00013	.3582
%RSD	130.00	5417.7	60.608	220.13	357.80	73.19	92.919	10.013
#1	-.00598	.00064	-.00083	.00907	-.00237	.0002	.00007	3.4925
#2	-.00076	-.00238	-.00277	-.00471	.00010	.0015	.00028	3.2692
#3	-.00044	.00186	-.00136	.00536	.00085	.0014	.00006	3.9703

Sample Name: PB118404BL Acquired: 3/29/2019 15:06:50 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118404BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6503
Stddev	.9999
%RSD	37.729

#1	2.3832
#2	1.8111
#3	3.7567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.7	38203.	3057.9	44.581	4049.4
Stddev	8.9	144.	11.6	1.520	13.1
%RSD	.25212	.37564	.37810	3.4103	.32340

#1	3519.5	38046.	3054.1	44.267	4035.9
#2	3533.2	38328.	3070.9	46.233	4050.2
#3	3536.2	38233.	3048.7	43.242	4062.1

Sample Name: PB118404BS Acquired: 3/29/2019 15:11:19 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118404BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76385	1.9732	.96366	1.9662	.78179	1.9680	.20000
Stddev	.00149	.0036	.00240	.0033	.00201	.0313	.00143
%RSD	.19545	.18108	.24942	.16865	.25753	1.5920	.71336

#1	.76522	1.9745	.96228	1.9687	.78403	1.9403	.19843
#2	.76226	1.9691	.96644	1.9624	.78014	1.9615	.20120
#3	.76407	1.9759	.96227	1.9674	.78119	2.0020	.20038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20313	.18901	1.0168	.40929	.19501	.32547	3.1089
Stddev	.00011	.00014	.0178	.00144	.00029	.00109	.0026
%RSD	.05210	.07204	1.7548	.35147	.15100	.33384	.08237

#1	.20315	.18904	1.0008	.41075	.19496	.32659	3.1112
#2	.20321	.18912	1.0136	.40925	.19532	.32540	3.1061
#3	.20301	.18885	1.0360	.40787	.19474	.32442	3.1093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21156	1.8513	.48967	.07265	2.9283	.30555	.19496
Stddev	.00044	.0092	.00082	.00076	.0234	.00119	.00023
%RSD	.20830	.49874	.16762	1.0484	.79768	.38896	.12051

#1	.21115	1.8439	.48937	.07178	2.9055	.30625	.19501
#2	.21203	1.8616	.49060	.07320	2.9271	.30622	.19517
#3	.21150	1.8485	.48905	.07296	2.9522	.30418	.19471

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9291	.38748	.29614	8.8124	.86518	.63903	.19308
Stddev	.0393	.00081	.02293	.0076	.00802	.00246	.00229
%RSD	.39566	.20902	7.7421	.08607	.92742	.38471	1.1878

#1	9.9148	.38712	.30399	8.8154	.87371	.63619	.19339
#2	9.8990	.38691	.27032	8.8181	.86404	.64043	.19520
#3	9.9735	.38841	.31412	8.8038	.85779	.64047	.19064

Sample Name: PB118404BS Acquired: 3/29/2019 15:11:19 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118404BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20045	5.283	.19326	F 4.0072	F<.00000
Stddev	.00098	.012	.00049	1.2212	1.6867
%RSD	.48955	.2178	.25302	30.476	26.528

#1	.19934	5.270	.19306	3.0222	-4.9174
#2	.20084	5.287	.19381	3.6257	-5.9438
#3	.20118	5.292	.19290	5.3736	-8.2136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.7	37973.	3007.0	44.306	4012.9
Stddev	10.5	135.	13.6	2.626	11.7
%RSD	.29989	.35527	.45123	5.9261	.29055

#1	3486.1	38116.	2992.2	43.583	4002.1
#2	3500.6	37849.	3010.0	47.217	4011.4
#3	3506.5	37952.	3018.9	42.117	4025.3

Sample Name: PB118418BL Acquired: 3/29/2019 15:15:26 Type: Unk
Method: P4-ICP2(v3000) 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	.00089	.00144	-.00078	.00210	-.00006	.00386	.00321	.00007
Stddev	.00139	.00076	.00094	.00145	.00133	.01899	.00112	.00000
%RSD	156.61	52.899	121.05	69.125	2181.3	492.44	35.002	6.1797
#1	.00095	.00056	-.00180	.00245	-.00057	-.01621	.00257	.00007
#2	-.00053	.00186	.00005	.00050	.00145	.00623	.00255	.00008
#3	.00225	.00190	-.00058	.00334	-.00106	.02154	.00450	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.01026	-.00025	.00023	-.00207	-.00329	-.00021	-.06559
Stddev	.00004	.02487	.00052	.00009	.00035	.00068	.00005	.04618
%RSD	72.770	242.47	206.83	40.951	16.753	20.718	21.407	70.410
#1	.00010	.03890	-.00062	.00012	-.00228	-.00309	-.00016	-.03212
#2	.00004	-.00589	-.00048	.00028	-.00227	-.00406	-.00025	-.11828
#3	.00002	-.00224	.00034	.00027	-.00167	-.00274	-.00023	-.04638
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	.00058	-.00106	-.00011	-.00046	-.07947	-.00002	.00844
Stddev	.00032	.00035	.00743	.00086	.00002	.03844	.00022	.01375
%RSD	40.018	60.889	701.64	783.98	3.6004	48.366	1454.9	162.81
#1	-.00111	.00072	-.00596	.00032	-.00046	-.08643	-.00017	.02280
#2	-.00080	.00084	.00749	.00045	-.00045	-.11396	-.00011	.00714
#3	-.00047	.00018	-.00471	-.00110	-.00048	-.03803	.00024	-.00460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00358	-.00261	.00480	-.00254	-.0002	.00022	F 5.3236
Stddev	.00243	.00376	.00025	.00128	.00056	.0006	.00001	.5245
%RSD	93.077	105.06	9.7389	26.631	22.209	255.6	3.8590	9.8526
#1	.00493	.00490	-.00236	.00626	-.00308	.0004	.00022	5.5624
#2	.00009	.00649	-.00287	.00418	-.00196	-.0005	.00023	5.6862
#3	.00280	-.00066	-.00261	.00394	-.00257	-.0007	.00021	4.7222

Sample Name: PB118418BL Acquired: 3/29/2019 15:15:26 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5289
Stddev .7419
%RSD 21.025

#1 3.3159
#2 4.3541
#3 2.9168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.4	37288.	2948.2	43.192	3942.1
Stddev	9.1	135.	12.8	1.285	1.9
%RSD	.26385	.36137	.43436	2.9746	.04712

#1	3444.6	37185.	2958.4	41.717	3944.2
#2	3448.5	37237.	2933.9	44.067	3941.3
#3	3431.2	37440.	2952.4	43.792	3940.8

Sample Name: PB118418TB Acquired: 3/29/2019 15:24:22 Type: Unk
Method: P4-ICP2(v3000) 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	-.00303	-.00079	.00466	.00006	-.01531	.00048	-.00003
Stddev	.00250	.00108	.00077	.00174	.00233	.00491	.00029	.00004
%RSD	49.794	35.512	97.659	37.251	4082.6	32.078	61.660	116.78
#1	-.00792	-.00404	-.00127	.00266	.00268	-.01598	.00043	-.00003
#2	-.00370	-.00190	-.00120	.00568	-.00075	-.01985	.00021	-.00008
#3	-.00347	-.00316	.00010	.00564	-.00176	-.01010	.00079	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00079	.00031	-.00011	-.00086	-.00969	-.00077	-.13025
Stddev	.00008	.02652	.00032	.00025	.00048	.00109	.00004	.05898
%RSD	154.96	3352.9	103.90	223.57	55.617	11.199	4.8917	45.284
#1	.00004	-.01621	.00046	-.00040	-.00138	-.01090	-.00073	-.19702
#2	-.00013	.02983	.00051	.00007	-.00074	-.00936	-.00080	-.10849
#3	-.00008	-.01599	-.00006	-.00000	-.00045	-.00881	-.00076	-.08523
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00159	F 334.83	.00019	.00054	.00269	.00038	.01060
Stddev	.00034	.00048	3.83	.00015	.00012	.02943	.00029	.01656
%RSD	30.854	29.977	1.1448	76.676	23.282	1094.5	74.282	156.32
#1	.00125	.00109	338.32	.00033	.00048	.03340	.00010	.02471
#2	.00070	.00163	335.43	.00021	.00068	-.02528	.00067	.01472
#3	.00131	.00204	330.73	.00004	.00045	-.00005	.00039	-.00764
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00729	.00768	-.00189	.00869	-.00256	-.0002	.00002	F 5.6666
Stddev	.00209	.00150	.00039	.00051	.00133	.0018	.00010	.1670
%RSD	28.623	19.509	20.787	5.9112	51.937	897.3	449.35	2.9466
#1	.00720	.00657	-.00173	.00918	-.00408	-.0020	-.00002	5.8237
#2	.00942	.00939	-.00234	.00815	-.00202	-.0002	.00013	5.6848
#3	.00525	.00709	-.00160	.00874	-.00159	.0016	-.00005	5.4913

Sample Name: PB118418TB Acquired: 3/29/2019 15:24:22 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.6026
Stddev .4210
%RSD 7.5151

#1 5.9088
#2 5.7766
#3 5.1225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.0	37417.	3043.8	43.144	3694.0
Stddev	7.8	237.	22.6	1.151	6.8
%RSD	.22832	.63320	.74100	2.6670	.18393

#1	3390.2	37143.	3030.0	44.317	3696.3
#2	3405.7	37556.	3031.5	42.017	3699.4
#3	3398.2	37551.	3069.8	43.100	3686.4

Sample Name: PB118424BL Acquired: 3/29/2019 15:28:58 Type: Unk
Method: P4-ICP2(v3000) 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	.00077	-.00125	.00227	.00075	-.00835	.00248	-.00006
Stddev	.00181	.00049	.00042	.00230	.00130	.00883	.00062	.00006
%RSD	434.93	63.876	33.559	101.00	173.19	105.77	25.097	91.546
#1	.00231	.00129	-.00140	.00376	.00016	-.01406	.00234	.00000
#2	.00023	.00073	-.00078	-.00037	.00224	.00182	.00315	-.00009
#3	-.00130	.00030	-.00157	.00343	-.00015	-.01281	.00193	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.02666	-.00016	.00015	-.00235	-.00338	-.00012	-.16381
Stddev	.00006	.02547	.00062	.00003	.00015	.00129	.00011	.04166
%RSD	598.84	95.528	397.43	22.895	6.4474	38.217	92.628	25.430
#1	-.00002	-.04280	.00043	.00015	-.00219	-.00443	-.00002	-.14346
#2	-.00007	.00270	-.00080	.00018	-.00235	-.00194	-.00023	-.13625
#3	.00006	-.03989	-.00009	.00011	-.00250	-.00376	-.00010	-.21174
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00035	.20771	.00022	-.00048	-.01110	.00024	.01633
Stddev	.00027	.00064	.02869	.00024	.00004	.04655	.00015	.00950
%RSD	147.05	179.53	13.813	109.37	8.8265	419.52	62.476	58.193
#1	-.00029	.00014	.23682	.00016	-.00049	.00573	.00013	.02475
#2	.00012	.00107	.20684	.00001	-.00051	-.06372	.00018	.00603
#3	-.00039	-.00015	.17946	.00048	-.00043	.02470	.00041	.01820
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	.00082	-.00350	.00591	-.00154	.0013	.00012	F 2.6304
Stddev	.00270	.00163	.00083	.00226	.00195	.0020	.00021	.7114
%RSD	110.99	198.54	23.838	38.217	126.28	155.8	175.43	27.043
#1	-.00464	-.00097	-.00294	.00332	-.00204	.0006	-.00001	2.9208
#2	.00057	.00222	-.00445	.00693	-.00320	.0034	.00037	1.8198
#3	-.00322	.00121	-.00310	.00747	.00061	-.0003	.00000	3.1506

Sample Name: PB118424BL Acquired: 3/29/2019 15:28:58 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.9921
 Stddev .8624
 %RSD 43.290

#1 1.2605
 #2 2.9429
 #3 1.7729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.7	38736.	3065.7	44.589	4094.1
Stddev	3.5	95.	5.0	1.057	5.6
%RSD	.09744	.24640	.16360	2.3694	.13739

#1	3570.2	38632.	3068.1	44.508	4088.9
#2	3573.6	38755.	3059.9	45.683	4093.3
#3	3577.2	38820.	3069.0	43.575	4100.1

Sample Name: PB118424BS Acquired: 3/29/2019 15:33:25 Type: Unk
Method: P4-ICP2(v3000) 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	.77009	1.9938	.97426	1.9999	.77987	1.9857	.20323
Stddev	.00135	.0045	.00442	.0053	.00301	.0029	.00195
%RSD	.17515	.22362	.45411	.26433	.38588	.14834	.95722

#1	.77100	1.9902	.97125	1.9944	.77695	1.9841	.20293
#2	.77072	1.9925	.97934	2.0049	.78296	1.9840	.20531
#3	.76854	1.9988	.97219	2.0004	.77969	1.9891	.20145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20524	.19172	1.0427	.41594	.19757	.32732	3.1476
Stddev	.00010	.00073	.0253	.00338	.00070	.00190	.0089
%RSD	.05049	.37828	2.4259	.81331	.35639	.57993	.28366

#1	.20517	.19106	1.0718	.41346	.19718	.32552	3.1429
#2	.20536	.19250	1.0310	.41980	.19838	.32930	3.1579
#3	.20519	.19161	1.0254	.41458	.19714	.32714	3.1421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21386	1.8637	.49727	.07332	2.9636	.31039	.19710
Stddev	.00038	.0292	.00136	.00125	.0372	.00091	.00081
%RSD	.17756	1.5685	.27392	1.7091	1.2541	.29396	.41310

#1	.21391	1.8966	.49692	.07474	2.9768	.31061	.19673
#2	.21421	1.8408	.49877	.07236	2.9923	.31117	.19803
#3	.21346	1.8535	.49611	.07287	2.9216	.30939	.19653

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.147	.38430	.29322	8.8514	.86710	.63866	.19352
Stddev	.013	.00142	.03539	.0266	.01276	.00269	.00198
%RSD	.12531	.36824	12.070	.30071	1.4715	.42097	1.0215

#1	10.137	.38307	.25748	8.8303	.88168	.63558	.19485
#2	10.161	.38399	.29391	8.8426	.85801	.64052	.19125
#3	10.142	.38585	.32826	8.8813	.86161	.63988	.19446

Sample Name: PB118424BS Acquired: 3/29/2019 15:33:25 Type: Unk
Method: P4-ICP2(v3000) 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	.20200	5.376	.19786	F 3.0795	F<.00000
Stddev	.00263	.019	.00136	.7078	1.9712
%RSD	1.3005	.3517	.68974	22.983	21.845

#1	.19986	5.354	.19941	2.8579	-7.1563
#2	.20494	5.385	.19734	2.5091	-8.8292
#3	.20121	5.389	.19684	3.8716	-11.084

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.1	38377.	3027.2	44.386	4036.1
Stddev	8.0	39.	23.4	.732	7.6
%RSD	.22725	.10072	.77431	1.6492	.18881

#1	3524.8	38333.	3009.0	43.583	4027.4
#2	3540.7	38401.	3053.7	45.017	4038.9
#3	3530.7	38398.	3019.1	44.558	4041.9

Sample Name: PB118424TB Acquired: 3/29/2019 15:37:32 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	-.00292	-.00064	.00560	-.00080	-.00060	-.00072	-.00003
Stddev	.00195	.00100	.00030	.00470	.00109	.00864	.00113	.00007
%RSD	400.02	34.266	46.275	83.867	136.50	1436.3	158.03	251.35
#1	-.00263	-.00177	-.00042	.00594	.00034	-.00173	-.00030	.00005
#2	.00000	-.00360	-.00098	.01012	-.00183	-.00862	.00015	-.00004
#3	.00117	-.00340	-.00053	.00074	-.00091	.00855	-.00200	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00331	.00080	-.00012	-.00193	-.01113	-.00091	-.12301
Stddev	.00004	.01166	.00016	.00023	.00022	.00065	.00002	.05267
%RSD	550.53	352.31	19.761	180.78	11.453	5.8204	2.4254	42.820
#1	.00005	.01147	.00088	-.00005	-.00181	-.01188	-.00088	-.07792
#2	-.00001	-.01005	.00090	.00005	-.00180	-.01068	-.00093	-.11020
#3	-.00002	.00851	.00061	-.00038	-.00219	-.01085	-.00092	-.18091
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	.00081	F 340.54	.00020	.00011	.00042	.00019	.00570
Stddev	.00034	.00067	1.78	.00022	.00007	.01094	.00007	.01573
%RSD	30.095	82.828	.52413	109.04	61.730	2627.4	38.127	275.97
#1	.00079	.00071	341.53	.00044	.00007	.00312	.00012	.02382
#2	.00116	.00019	338.48	.00013	.00006	-.01162	.00020	-.00452
#3	.00148	.00153	341.61	.00003	.00018	.00976	.00026	-.00220
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	.00339	-.00069	.00520	-.00338	-.0006	-.00010	5.1686
Stddev	.00274	.00152	.00059	.00149	.00250	.0006	.00002	.1783
%RSD	112.85	44.693	86.001	28.605	73.961	97.17	22.212	3.4504
#1	-.00006	.00182	-.00121	.00404	-.00515	-.0009	-.00009	4.9914
#2	.00536	.00351	-.00005	.00469	-.00448	-.0010	-.00009	5.3480
#3	.00199	.00484	-.00080	.00688	-.00052	.0001	-.00013	5.1663

Sample Name: PB118424TB Acquired: 3/29/2019 15:37:32 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.3804
Stddev	1.4553
%RSD	27.048

#1	7.0568
#2	4.4417
#3	4.6426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.1	37536.	3098.9	44.253	3700.0
Stddev	13.6	209.	47.6	1.103	15.6
%RSD	.39888	.55725	1.5358	2.4923	.42075

#1	3407.0	37319.	3060.7	43.050	3689.4
#2	3405.5	37737.	3083.7	44.492	3692.8
#3	3429.8	37551.	3152.2	45.217	3717.9

Sample Name: PB118418BS Acquired: 3/29/2019 15:42:07 Type: Unk
Method: P4-ICP2(v3000) 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	.71306	1.8029	.88247	1.7681	.73022	1.8821	.19331
Stddev	.00245	.0029	.00549	.0029	.00387	.0282	.00055
%RSD	.34422	.16262	.62205	.16703	.52958	1.4965	.28274

#1	.71578	1.8062	.88852	1.7662	.73186	1.9080	.19289
#2	.71238	1.8020	.88106	1.7715	.73299	1.8862	.19393
#3	.71101	1.8005	.87782	1.7667	.72580	1.8521	.19310

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18293	.17362	.97856	.38953	.18393	.29377	2.9033
Stddev	.00053	.00082	.01845	.00177	.00115	.00151	.0119
%RSD	.29168	.47381	1.8850	.45351	.62265	.51362	.41089

#1	.18260	.17454	.95838	.38764	.18478	.29514	2.9007
#2	.18265	.17335	.99454	.38981	.18439	.29402	2.9163
#3	.18355	.17296	.98278	.39114	.18263	.29215	2.8928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19704	1.7133	.45808	.06702	2.9806	.29385	.17292
Stddev	.00030	.0790	.00223	.00082	.0183	.00432	.00073
%RSD	.15222	4.6118	.48662	1.2261	.61548	1.4689	.42316

#1	.19738	1.6223	.46063	.06633	2.9645	.28894	.17356
#2	.19684	1.7644	.45652	.06681	2.9765	.29556	.17309
#3	.19689	1.7532	.45708	.06793	3.0006	.29705	.17212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4571	.37815	.25919	F -.00728	.81878	.60096	.18698
Stddev	.0673	.00049	.02058	.00408	.01244	.00364	.00468
%RSD	.71181	.12979	7.9387	56.060	1.5189	.60597	2.5043

#1	9.5138	.37871	.26610	-.00306	.80671	.60501	.18406
#2	9.4749	.37779	.23605	-.01121	.81808	.59990	.19238
#3	9.3827	.37794	.27543	-.00757	.83155	.59797	.18449

Sample Name: PB118418BS Acquired: 3/29/2019 15:42:07 Type: Unk
 Method: P4-ICP2(v3000) 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	.18502	F 4.796	.18382	F .52739	F<.00000
Stddev	.00100	.002	.00073	1.8167	1.0104
%RSD	.53853	.0504	.39955	344.47	12.553
#1	.18452	4.798	.18423	1.5599	-8.9297
#2	.18438	4.793	.18297	1.5926	-6.9459
#3	.18617	4.796	.18426	-1.5703	-8.2718
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.0	38945.	3139.8	45.972	4070.0
Stddev	14.2	198.	12.5	1.415	11.8
%RSD	.39795	.50914	.39712	3.0775	.29052
#1	3552.9	38888.	3129.2	46.292	4056.8
#2	3566.8	38781.	3153.5	47.200	4073.6
#3	3581.3	39165.	3136.6	44.425	4079.6

Sample Name: LR CHECK 1 Acquired: 3/29/2019 15:47:07 Type: Unk
Method: P4-ICP2(v3000) 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	.08690	.06266	-.11406	.36701	.00500	1895.7	.00080	-.03496
Stddev	.01242	.00082	.00682	.00576	.00290	8.9	.00053	.00059
%RSD	14.298	1.3010	5.9753	1.5695	58.028	.46861	65.611	1.6981
#1	.07403	.06349	-.10673	.36125	.00555	1888.2	.00098	-.03546
#2	.09883	.06186	-.12020	.37278	.00759	1905.5	.00122	-.03512
#3	.08782	.06265	-.11526	.36701	.00186	1893.3	.00021	-.03431
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00713	1856.2	-.10510	.04077	.90349	967.52	.00513	1648.3
Stddev	.00100	15.6	.00067	.00082	.00546	4.04	.00009	2.0
%RSD	13.974	.83775	.64037	2.0049	.60410	.41735	1.8080	.12278
#1	.00754	1866.1	-.10558	.04126	.90674	962.86	.00517	1646.4
#2	.00784	1864.3	-.10433	.04122	.89719	969.91	.00520	1650.4
#3	.00599	1838.3	-.10539	.03982	.90654	969.78	.00502	1648.3
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07401	-.10409	1671.7	.00371	-.03668	1071.8	-.01842	.08559
Stddev	.00099	.00083	25.6	.00101	.00197	8.6	.00096	.02579
%RSD	1.3313	.79877	1.5317	27.140	5.3579	.80549	5.2176	30.131
#1	-.07318	-.10504	1699.2	.00255	-.03442	1064.3	-.01941	.06179
#2	-.07510	-.10371	1667.5	.00421	-.03793	1081.2	-.01838	.11299
#3	-.07376	-.10351	1648.5	.00437	-.03769	1069.8	-.01749	.08199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37703	-.01806	.05405	-.05258	.13911	.1683	-1.0567	<.00000
Stddev	.01721	.00333	.00292	.00676	.00410	.0021	.0043	1.0284
%RSD	4.5647	18.417	5.3971	12.861	2.9449	1.252	.40903	3.9839
#1	.38589	-.01503	.05192	-.04734	.13442	.1677	-1.0517	-25.469
#2	.38801	-.01753	.05286	-.05019	.14090	.1666	-1.0591	-26.971
#3	.35720	-.02161	.05737	-.06021	.14200	.1707	-1.0593	-25.003

Sample Name: LR CHECK 1 Acquired: 3/29/2019 15:47:07 Type: Unk
 Method: P4-ICP2(v3000) 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 -1834.0
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.3	29028.	2737.4	33.510	2247.3
Stddev	5.6	117.	13.8	.495	4.6
%RSD	.22076	.40350	.50413	1.4763	.20465

#1	2534.0	29163.	2734.0	33.022	2244.0
#2	2543.8	28951.	2725.7	33.496	2245.4
#3	2534.2	28970.	2752.6	34.012	2252.5

Sample Name: LR CHECK 2 Acquired: 3/29/2019 15:52:01 Type: Unk
Method: P4-ICP2(v3000) 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	.04253	-.01497	256.02	.05340	-.08383	-.22377	102.14	-.00046
Stddev	.00260	.00109	.11	.00378	.00155	.01247	.83	.00005
%RSD	6.1134	7.2569	.04407	7.0826	1.8498	5.5744	.81597	11.351

#1	.04488	-.01395	256.15	.05749	-.08538	-.22608	103.10	-.00043
#2	.03974	-.01485	255.93	.05268	-.08383	-.21030	101.73	-.00044
#3	.04296	-.01611	255.98	.05003	-.08228	-.23493	101.59	-.00052

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01001	.24499	-.13393	-.01956	228.44	-.76857	46.373	1.4336
Stddev	.00016	.03288	.00088	.00057	1.63	.00568	.195	.0427
%RSD	1.5878	13.422	.65587	2.9204	.71497	.73895	.42081	2.9796

#1	-.00983	.20746	-.13492	-.01932	230.29	-.77019	46.585	1.4375
#2	-.01012	.26876	-.13365	-.02021	227.82	-.76226	46.201	1.3890
#3	-.01008	.25875	-.13323	-.01914	227.21	-.77327	46.333	1.4742

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.756	.00842	3.9404	-.10962	36.985	1.7767	.00553	-.00424
Stddev	.004	.00070	1.1597	.00077	.082	.2036	.00015	.01909
%RSD	.00658	8.3594	29.431	.69957	.22208	11.458	2.7208	450.27

#1	53.752	.00788	5.1980	-.10929	37.056	1.9986	.00570	-.02201
#2	53.757	.00921	3.7102	-.10907	36.895	1.7329	.00547	-.00664
#3	53.758	.00815	2.9131	-.11049	37.005	1.5986	.00541	.01593

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11321	.02363	.00261	.03046	-.00709	.1421	.00711	8.7477
Stddev	.00177	.00155	.00062	.00287	.00080	.0037	.00009	.6371
%RSD	1.5673	6.5505	23.680	9.4215	11.303	2.614	1.2470	7.2837

#1	.11524	.02419	.00263	.02878	-.00788	.1378	.00721	9.1854
#2	.11241	.02483	.00321	.02883	-.00710	.1445	.00704	8.0167
#3	.11197	.02188	.00198	.03377	-.00628	.1440	.00708	9.0410

Sample Name: LR CHECK 2 Acquired: 3/29/2019 15:52:01 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2205
Stddev	1.0609
%RSD	47.778

#1	1.7530
#2	1.4737
#3	3.4349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.8	38578.	3096.4	43.139	3637.8
Stddev	3.7	70.	34.1	1.269	9.8
%RSD	.16083	.18246	1.1019	2.9407	.27030

#1	2322.0	38497.	3079.0	43.825	3647.0
#2	2329.0	38625.	3074.5	41.675	3639.0
#3	2323.4	38612.	3135.7	43.917	3627.4

Sample Name: CCV04 Acquired: 3/29/2019 15:56:29 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14778 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0629	5.0633	5.0186	5.0895	5.0998	10.298	10.272	.25810
Stddev	.0182	.0213	.0150	.0057	.0171	.088	.028	.00022
%RSD	.35935	.41988	.29878	.11270	.33502	.85460	.26978	.08570
#1	5.0790	5.0476	5.0169	5.0899	5.1133	10.208	10.281	.25803
#2	5.0432	5.0547	5.0046	5.0836	5.0806	10.383	10.293	.25835
#3	5.0666	5.0875	5.0344	5.0951	5.1054	10.304	10.240	.25792
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4878	25.140	1.0170	2.4986	1.2961	5.0635	2.5734	25.540
Stddev	.0101	.039	.0030	.0095	.0015	.0140	.0037	.383
%RSD	.40760	.15332	.29902	.37960	.11402	.27634	.14541	1.5015
#1	2.4813	25.097	1.0137	2.4908	1.2977	5.0474	2.5693	25.138
#2	2.4825	25.172	1.0196	2.4959	1.2949	5.0729	2.5766	25.901
#3	2.4995	25.151	1.0176	2.5092	1.2957	5.0702	2.5743	25.582
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4937	1.2564	25.689	2.5302	2.5258	26.137	5.1007	5.1935
Stddev	.0067	.0008	.058	.0046	.0058	.142	.0034	.0519
%RSD	.27048	.06633	.22756	.18148	.23059	.54321	.06603	.99933
#1	2.4889	1.2554	25.753	2.5249	2.5242	26.041	5.1027	5.1369
#2	2.4909	1.2568	25.638	2.5321	2.5209	26.300	5.0968	5.2389
#3	2.5014	1.2569	25.675	2.5335	2.5322	26.070	5.1025	5.2046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0253	5.0134	4.9962	5.0201	4.9691	5.029	5.1100	F 6.4642
Stddev	.0193	.0262	.0216	.0224	.0330	.008	.0398	.4164
%RSD	.38353	.52170	.43139	.44611	.66407	.1549	.77930	6.4422
#1	5.0083	5.0389	4.9715	5.0446	5.0071	5.025	5.1551	6.1160
#2	5.0215	4.9866	5.0054	5.0150	4.9475	5.025	5.0952	6.9255
#3	5.0463	5.0147	5.0115	5.0008	4.9527	5.038	5.0797	6.3510

Sample Name: CCV04 Acquired: 3/29/2019 15:56:29 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14778 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6963
Stddev	1.3307
%RSD	49.351

#1	1.1647
#2	3.3556
#3	3.5687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.0	37036.	3054.6	43.213	3629.0
Stddev	10.0	126.	31.3	2.588	3.7
%RSD	.29492	.34066	1.0243	5.9892	.10326

#1	3382.3	36917.	3018.5	40.910	3629.2
#2	3394.4	37022.	3072.7	46.014	3632.6
#3	3402.2	37168.	3072.6	42.716	3625.1

Sample Name: CCB04 Acquired: 3/29/2019 16:09:25 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14778 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	.00130	.00035	.00206	-.00046	.00363	.00223	.00004
Stddev	.00088	.00171	.00048	.00192	.00101	.00953	.00047	.00002
%RSD	70.687	131.52	139.27	93.436	217.87	262.71	21.155	51.973

#1	-.00125	.00006	-.00014	.00236	-.00136	-.00580	.00259	.00005
#2	-.00036	.00059	.00035	.00381	-.00065	.01326	.00170	.00002
#3	-.00212	.00326	.00082	.00000	.00063	.00343	.00241	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00359	.00035	.00001	.00260	-.00195	.00020	-.09756
Stddev	.00003	.02953	.00054	.00009	.00025	.00132	.00001	.08988
%RSD	968.21	823.59	152.93	1702.2	9.4286	67.452	2.5212	92.128

#1	.00002	.03724	.00083	.00010	.00232	-.00347	.00020	.00123
#2	.00001	-.01799	-.00023	-.00009	.00275	-.00119	.00021	-.17451
#3	-.00004	-.00850	.00046	.00000	.00273	-.00119	.00020	-.11939

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00016	.13086	-.00009	.00162	.10633	.00017	-.00631
Stddev	.00035	.00062	.01723	.00035	.00021	.05724	.00023	.01204
%RSD	42.702	382.61	13.163	395.53	12.700	53.829	138.50	190.82

#1	-.00122	.00075	.11324	-.00049	.00185	.12298	.00040	-.00622
#2	-.00057	.00023	.14766	.00015	.00151	.04261	-.00006	.00569
#3	-.00066	-.00049	.13168	.00007	.00149	.15340	.00017	-.01840

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00082	-.00198	.00418	-.00466	-.0002	.00002	F 3.5093
Stddev	.00178	.00016	.00076	.00194	.00017	.0005	.00013	.4128
%RSD	105.29	20.178	38.480	46.510	3.6470	272.2	763.38	11.764

#1	-.00308	.00096	-.00111	.00628	-.00480	.0003	-.00012	3.6219
#2	-.00232	.00086	-.00234	.00381	-.00447	-.0002	.00005	3.8542
#3	.00032	.00064	-.00250	.00244	-.00473	-.0007	.00013	3.0519

Sample Name: CCB04 Acquired: 3/29/2019 16:09:25 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14778 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .63364
Stddev	.24022
%RSD	37.911

#1	.43063
#2	.89884
#3	.57145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.7	37955.	3038.2	43.661	3959.0
Stddev	7.8	203.	27.0	1.546	10.7
%RSD	.22484	.53524	.89019	3.5403	.26978

#1	3458.8	37775.	3028.1	45.350	3948.0
#2	3473.0	37916.	3068.8	42.317	3969.3
#3	3471.4	38175.	3017.6	43.317	3959.6

Sample Name: K1685-09 Acquired: 3/29/2019 16:13:53 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09365	.01184	.14487	.08310	-.00348	107.30	.28186
Stddev	.00040	.00087	.00058	.00265	.00097	.58	.00124
%RSD	.42786	7.3898	.39761	3.1849	27.732	.54269	.44040

#1	.09374	.01126	.14434	.08250	-.00457	107.74	.28295
#2	.09321	.01285	.14480	.08599	-.00273	107.53	.28211
#3	.09400	.01141	.14548	.08080	-.00315	106.64	.28051

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00901	-.00380	45.654	.23164	.03280	.28773	185.23
Stddev	.00017	.00014	.234	.00239	.00038	.00049	.93
%RSD	1.9342	3.6953	.51250	1.0335	1.1576	.17142	.49977

#1	-.00919	-.00392	45.438	.22895	.03307	.28808	186.27
#2	-.00898	-.00383	45.622	.23246	.03236	.28795	184.92
#3	-.00885	-.00364	45.902	.23352	.03296	.28717	184.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84698	26.013	.04831	-.01439	4.3516	.41889	.32630
Stddev	.00133	.046	.00073	.00121	.0242	.00233	.00090
%RSD	.15705	.17814	1.5124	8.3971	.55680	.55656	.27495

#1	.84848	25.984	.04915	-.01299	4.3793	.41656	.32702
#2	.84596	25.989	.04799	-.01511	4.3409	.41889	.32529
#3	.84649	26.067	.04780	-.01507	4.3345	.42123	.32658

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.376	.00231	.05757	4.8501	3.1057	.00567	.61436
Stddev	.067	.00023	.01750	.0164	.0249	.00055	.00608
%RSD	.64453	9.9611	30.391	.33868	.80238	9.6783	.98888

#1	10.451	.00208	.03743	4.8635	3.0813	.00585	.60934
#2	10.324	.00231	.06629	4.8318	3.1047	.00505	.61262
#3	10.351	.00255	.06901	4.8550	3.1311	.00611	.62111

Sample Name: K1685-09 Acquired: 3/29/2019 16:13:53 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05801	2.478	-.01145	<.00000	F<.00000
Stddev	.00305	.011	.00123	.42503	4.0042
%RSD	5.2619	.4369	10.775	5.8819	1.1274
#1	.05564	2.486	-.01238	-6.7357	-350.64
#2	.05694	2.466	-.01193	-7.4885	-356.59
#3	.06146	2.484	-.01005	-7.4541	-358.26
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.0	39597.	3314.0	44.921	3676.0
Stddev	4.7	140.	10.7	.786	12.3
%RSD	.13192	.35417	.32400	1.7503	.33335
#1	3584.2	39436.	3320.1	45.686	3668.3
#2	3593.7	39667.	3320.4	44.115	3690.1
#3	3589.0	39689.	3301.6	44.964	3669.5

Sample Name: K1685-11 Acquired: 3/29/2019 16:18:17 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12930	.01259	.22079	.09235	-.00391	112.98	.42369
Stddev	.00327	.00196	.00263	.00036	.00147	.21	.00157
%RSD	2.5262	15.558	1.1914	.38910	37.525	.18696	.36957

#1	.13104	.01206	.22357	.09260	-.00254	113.13	.42344
#2	.13133	.01475	.21834	.09250	-.00545	113.06	.42537
#3	.12553	.01095	.22045	.09194	-.00372	112.73	.42227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01001	-.00336	59.276	.25271	.03373	.33857	218.63
Stddev	.00026	.00005	.328	.00138	.00033	.00122	.99
%RSD	2.6063	1.5756	.55404	.54771	.98074	.35935	.45143

#1	-.01010	-.00333	59.005	.25115	.03411	.33912	219.01
#2	-.01021	-.00333	59.180	.25317	.03358	.33718	217.51
#3	-.00971	-.00343	59.641	.25380	.03351	.33942	219.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0760	23.496	.04149	-.01634	6.7751	.39466	.43638
Stddev	.0020	.032	.00070	.00059	.0182	.00062	.00258
%RSD	.18682	.13415	1.6970	3.6031	.26856	.15812	.59170

#1	1.0780	23.468	.04176	-.01649	6.7670	.39394	.43773
#2	1.0739	23.530	.04069	-.01684	6.7960	.39501	.43340
#3	1.0760	23.490	.04201	-.01569	6.7624	.39502	.43800

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.015	.00253	.06690	3.3149	2.9352	.01187	.58775
Stddev	.028	.00036	.00769	.0221	.0045	.00068	.00601
%RSD	.25180	14.407	11.497	.66660	.15401	5.7184	1.0220

#1	10.998	.00266	.06000	3.3211	2.9369	.01186	.58907
#2	11.047	.00211	.06551	3.2904	2.9385	.01255	.58120
#3	11.000	.00280	.07520	3.3333	2.9300	.01120	.59300

Sample Name: K1685-11 Acquired: 3/29/2019 16:18:17 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07889	3.766	.04754	<.00000	F<.00000
Stddev	.00135	.015	.00185	.93658	.58134
%RSD	1.7064	.4030	3.9020	12.021	.12777

#1	.07843	3.781	.04738	-7.8788	-454.40
#2	.07783	3.751	.04947	-8.6810	-455.56
#3	.08040	3.766	.04577	-6.8139	-455.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.9	39636.	3323.3	42.359	3620.1
Stddev	6.7	200.	24.7	.754	6.0
%RSD	.18695	.50429	.74259	1.7805	.16689

#1	3597.1	39452.	3302.5	41.542	3614.6
#2	3596.5	39848.	3350.6	43.028	3626.6
#3	3585.2	39607.	3316.9	42.507	3619.1

Sample Name: K1685-13 Acquired: 3/29/2019 16:22:39 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18642	.01380	.14323	.08681	-.00401	87.837	.38099
Stddev	.00370	.00108	.00263	.00052	.00132	.583	.00161
%RSD	1.9873	7.8301	1.8346	.59569	32.799	.66418	.42373

#1	.18716	.01255	.14026	.08628	-.00519	87.386	.37995
#2	.18240	.01446	.14525	.08684	-.00259	87.629	.38016
#3	.18969	.01439	.14418	.08732	-.00424	88.496	.38285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01070	-.00331	124.15	.21645	.02269	.31722	213.26
Stddev	.00013	.00016	.63	.00016	.00038	.00143	.83
%RSD	1.2282	4.8146	.50723	.07532	1.6537	.45141	.38860

#1	-.01076	-.00330	124.18	.21642	.02263	.31615	212.32
#2	-.01080	-.00347	124.76	.21662	.02234	.31885	213.90
#3	-.01055	-.00315	123.50	.21630	.02309	.31666	213.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3049	23.381	.01532	-.01793	3.4342	.41322	.33885
Stddev	.0027	.133	.00037	.00069	.0065	.00355	.00248
%RSD	.20674	.56751	2.3966	3.8448	.19039	.85957	.73149

#1	1.3019	23.245	.01513	-.01800	3.4270	.41032	.33599
#2	1.3061	23.389	.01574	-.01721	3.4360	.41718	.34014
#3	1.3069	23.510	.01509	-.01858	3.4397	.41216	.34041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.698	.00197	.05358	3.1361	2.9328	.00819	.41192
Stddev	.128	.00027	.00657	.0335	.0124	.00044	.01140
%RSD	1.1955	13.546	12.263	1.0690	.42408	5.3352	2.7678

#1	10.550	.00222	.04637	3.0977	2.9464	.00855	.42129
#2	10.769	.00169	.05923	3.1514	2.9303	.00771	.41523
#3	10.774	.00199	.05514	3.1593	2.9219	.00833	.39922

Sample Name: K1685-13 Acquired: 3/29/2019 16:22:39 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05699	2.540	.50871	<.00000	F<.00000
Stddev	.00118	.025	.00363	.70224	3.4532
%RSD	2.0759	1.005	.71434	12.620	.79715
#1	.05804	2.511	.51248	-6.1752	-430.33
#2	.05723	2.556	.50841	-5.7215	-437.03
#3	.05571	2.554	.50523	-4.7973	-432.23
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.9	39190.	3256.5	42.618	3600.9
Stddev	5.4	44.	21.3	1.666	9.7
%RSD	.15353	.11305	.65400	3.9090	.26870
#1	3520.9	39233.	3238.1	41.475	3610.5
#2	3530.2	39144.	3251.4	44.530	3601.0
#3	3520.7	39192.	3279.8	41.850	3591.2

Sample Name: K2139-01 Acquired: 3/29/2019 16:27:01 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03486	-.00685	.10801	.07161	-.00370	113.67	.54468
Stddev	.00137	.00120	.00141	.00295	.00272	.55	.00204
%RSD	3.9319	17.464	1.3099	4.1250	73.557	.48641	.37403

#1	.03502	-.00591	.10871	.07079	-.00484	113.04	.54382
#2	.03614	-.00646	.10639	.07489	-.00059	113.96	.54700
#3	.03342	-.00820	.10894	.06915	-.00568	114.03	.54321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00649	-.00132	17.452	.18729	.10998	.58432	174.86
Stddev	.00018	.00020	.122	.00101	.00046	.00352	1.03
%RSD	2.7333	15.126	.69990	.53996	.42132	.60232	.58747

#1	-.00632	-.00110	17.361	.18613	.11018	.58497	173.69
#2	-.00668	-.00150	17.591	.18773	.10945	.58052	175.32
#3	-.00649	-.00136	17.405	.18800	.11031	.58747	175.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5810	44.323	.21729	-.01833	1.4789	.30902	.79680
Stddev	.0190	.187	.00055	.00068	.0128	.00078	.00220
%RSD	.34004	.42296	.25261	3.6911	.86321	.25295	.27649

#1	5.5906	44.478	.21744	-.01886	1.4646	.30919	.79805
#2	5.5591	44.115	.21668	-.01757	1.4892	.30970	.79426
#3	5.5933	44.378	.21775	-.01857	1.4829	.30817	.79809

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.060	.00170	.04833	.74858	4.4917	.01281	3.6783
Stddev	.071	.00026	.01608	.00240	.0413	.00159	.0127
%RSD	.59023	15.272	33.276	.32001	.92024	12.392	.34523

#1	12.130	.00142	.05364	.75129	4.5246	.01446	3.6653
#2	11.988	.00174	.03026	.74677	4.4453	.01270	3.6906
#3	12.062	.00193	.06108	.74766	4.5052	.01129	3.6791

Sample Name: K2139-01 Acquired: 3/29/2019 16:27:01 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10046	5.615	-.14218	<.00000	F<.00000
Stddev	.00331	.039	.00115	.63825	2.9906
%RSD	3.2931	.6995	.80945	7.0932	.86919

#1	.10164	5.633	-.14087	-8.9928	-346.06
#2	.09673	5.570	-.14265	-9.6389	-345.52
#3	.10302	5.642	-.14303	-8.3625	-340.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.3	41380.	3467.0	43.475	3645.5
Stddev	15.9	96.	9.5	1.048	17.3
%RSD	.42269	.23156	.27402	2.4099	.47520

#1	3748.7	41373.	3470.5	44.672	3637.9
#2	3768.2	41479.	3474.3	43.030	3665.3
#3	3736.8	41288.	3456.3	42.723	3633.3

Sample Name: K2139-01DUP Acquired: 3/29/2019 16:31:22 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03402	-.00753	.10678	.07536	-.00241	113.05	.54270
Stddev	.00046	.00030	.00070	.00289	.00134	.69	.00367
%RSD	1.3599	3.9274	.65281	3.8395	55.446	.60661	.67702

#1	.03353	-.00719	.10610	.07502	-.00087	112.75	.54105
#2	.03446	-.00769	.10676	.07841	-.00328	113.83	.54691
#3	.03406	-.00771	.10749	.07266	-.00309	112.56	.54015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00633	-.00129	17.327	.18439	.10934	.58390	173.71
Stddev	.00023	.00034	.169	.00017	.00044	.00102	1.34
%RSD	3.6852	26.452	.97534	.09140	.40316	.17451	.77060

#1	-.00613	-.00121	17.176	.18454	.10984	.58377	173.98
#2	-.00628	-.00167	17.297	.18421	.10901	.58497	174.90
#3	-.00659	-.00100	17.510	.18441	.10918	.58295	172.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5550	44.179	.21578	-.01803	1.4575	.30935	.79003
Stddev	.0231	.488	.00163	.00098	.0240	.00273	.00160
%RSD	.41657	1.1041	.75631	5.4508	1.6459	.88275	.20239

#1	5.5347	44.103	.21766	-.01769	1.4698	.31059	.79184
#2	5.5502	44.700	.21498	-.01726	1.4729	.30622	.78943
#3	5.5802	43.734	.21470	-.01913	1.4299	.31124	.78882

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.978	.00200	.07352	.75096	4.4076	.01216	3.6628
Stddev	.124	.00064	.01016	.00517	.1209	.00145	.0212
%RSD	1.0345	32.079	13.817	.68841	2.7436	11.898	.57899

#1	11.964	.00274	.06800	.74790	4.3772	.01084	3.6383
#2	12.109	.00170	.08524	.75693	4.3048	.01371	3.6761
#3	11.862	.00157	.06731	.74806	4.5408	.01195	3.6739

Sample Name: K2139-01DUP Acquired: 3/29/2019 16:31:22 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09889	5.581	-.14118	<.00000	F<.00000
Stddev	.00119	.010	.00177	.74886	2.3911
%RSD	1.2051	.1722	1.2536	7.9815	.69347

#1	.09790	5.576	-.14154	-9.7539	-347.53
#2	.10021	5.592	-.14274	-8.5205	-343.07
#3	.09855	5.575	-.13925	-9.8730	-343.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.2	41439.	3465.8	43.355	3671.5
Stddev	9.5	188.	28.8	.776	12.4
%RSD	.25330	.45311	.83166	1.7898	.33653

#1	3744.3	41379.	3477.3	42.548	3660.6
#2	3743.2	41289.	3487.1	43.421	3668.9
#3	3760.2	41649.	3433.0	44.096	3684.9

Sample Name: K2139-01LX5 Acquired: 3/29/2019 16:35:46 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390321143 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00934	-.00047	.01914	.02277	-.00160	25.036	.12275
Stddev	.00106	.00047	.00054	.00166	.00072	.198	.00119
%RSD	11.383	101.53	2.8100	7.2692	45.189	.79170	.97087

#1	.01037	-.00062	.01900	.02212	-.00113	25.099	.12286
#2	.00825	-.00085	.01869	.02465	-.00243	25.195	.12150
#3	.00939	.00007	.01973	.02154	-.00123	24.814	.12388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	-.00126	3.9840	.04129	.02242	.13446	43.211
Stddev	.00007	.00007	.0647	.00062	.00016	.00016	.064
%RSD	3.6982	5.9140	1.6236	1.5015	.72511	.11997	.14911

#1	-.00181	-.00133	4.0578	.04166	.02235	.13439	43.265
#2	-.00184	-.00127	3.9368	.04164	.02261	.13465	43.139
#3	-.00194	-.00118	3.9575	.04058	.02231	.13435	43.228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2782	9.7049	.04367	-.00281	.27626	.06922	.15936
Stddev	.0025	.1255	.00010	.00046	.01125	.00079	.00007
%RSD	.19607	1.2936	.22535	16.195	4.0706	1.1376	.04330

#1	1.2798	9.8468	.04378	-.00303	.27853	.07012	.15943
#2	1.2754	9.6082	.04362	-.00229	.28620	.06865	.15935
#3	1.2795	9.6597	.04361	-.00312	.26405	.06889	.15930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6462	.00041	.02713	.14928	1.0396	.00006	.82475
Stddev	.0469	.00012	.02088	.00300	.0190	.00093	.00925
%RSD	1.7723	29.474	76.993	2.0129	1.8243	1489.7	1.1217

#1	2.5934	.00054	.05092	.14667	1.0589	-.00015	.83427
#2	2.6621	.00030	.01862	.15256	1.0388	.00108	.82418
#3	2.6830	.00037	.01183	.14861	1.0210	-.00074	.81579

Sample Name: K2139-01LX5 Acquired: 3/29/2019 16:35:46 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390321143 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01478	1.123	-.03610	.88244	F<.00000
Stddev	.00181	.002	.00015	.94436	.20499
%RSD	12.218	.2129	.41588	107.02	.46869

#1	.01611	1.122	-.03612	1.1451	-43.874
#2	.01551	1.122	-.03594	-.16544	-43.833
#3	.01272	1.126	-.03624	1.6677	-43.500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.7	38728.	3151.9	45.394	3876.1
Stddev	7.1	131.	34.6	.900	9.1
%RSD	.20172	.33726	1.0984	1.9835	.23493

#1	3534.6	38593.	3115.7	44.575	3868.2
#2	3545.9	38854.	3184.7	46.358	3874.0
#3	3547.8	38736.	3155.4	45.250	3886.0

Sample Name: K2139-01MS Acquired: 3/29/2019 16:40:07 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75926	2.0097	1.1038	1.8711	.13312	126.65	.86332
Stddev	.00877	.0132	.0075	.0081	.00322	.77	.01036
%RSD	1.1544	.65635	.67595	.43290	2.4196	.60472	1.2003

#1	.76864	2.0246	1.1097	1.8773	.13526	127.41	.87317
#2	.75789	2.0051	1.1062	1.8740	.12941	125.88	.85251
#3	.75127	1.9995	1.0954	1.8620	.13467	126.67	.86427

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18589	.20058	20.540	.56893	.31728	.85946	174.26
Stddev	.00032	.00146	.030	.00033	.00210	.00149	.55
%RSD	.17161	.72768	.14574	.05875	.66100	.17318	.31724

#1	.18553	.20179	20.509	.56911	.31864	.86117	173.66
#2	.18614	.20098	20.543	.56854	.31833	.85844	174.38
#3	.18601	.19896	20.568	.56913	.31486	.85877	174.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7437	51.253	.74962	.04801	4.5753	.58192	1.0310
Stddev	.0266	.276	.00285	.00039	.0322	.00300	.0047
%RSD	.39456	.53926	.38011	.82040	.70376	.51531	.45289

#1	6.7711	51.556	.75080	.04826	4.6123	.58016	1.0323
#2	6.7422	51.187	.75169	.04756	4.5605	.58021	1.0349
#3	6.7179	51.016	.74637	.04821	4.5532	.58538	1.0258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.014	.35235	.28376	.65370	7.4489	.68104	4.4729
Stddev	.272	.00030	.03042	.00379	.0552	.00691	.0039
%RSD	1.1322	.08608	10.721	.57905	.74142	1.0152	.08738

#1	24.328	.35263	.30073	.65420	7.3991	.68479	4.4733
#2	23.865	.35240	.24864	.65721	7.5083	.68527	4.4688
#3	23.850	.35202	.30191	.64969	7.4393	.67306	4.4766

Sample Name: K2139-01MS Acquired: 3/29/2019 16:40:07 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31192	F 11.47	.05374	<.00000	F<.00000
Stddev	.00225	.07	.00207	.28836	2.7020
%RSD	.72077	.6169	3.8574	3.3986	.74008

#1	.30965	11.51	.05600	-8.8115	-365.87
#2	.31415	11.51	.05192	-8.2664	-362.10
#3	.31196	11.39	.05331	-8.3758	-367.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3798.9	42169.	3466.8	43.924	3637.0
Stddev	2.5	48.	23.8	1.227	18.7
%RSD	.06540	.11452	.68779	2.7943	.51438

#1	3801.8	42142.	3493.0	45.298	3627.7
#2	3797.3	42225.	3446.5	43.536	3624.7
#3	3797.6	42140.	3460.9	42.937	3658.5

Sample Name: K2139-01MSD Acquired: 3/29/2019 16:44:33 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76808	2.0012	1.0987	1.8827	.12614	128.17	.73629
Stddev	.00226	.0068	.0008	.0002	.00198	.49	.00750
%RSD	.29461	.33861	.07122	.01149	1.5684	.38108	1.0192

#1	.77029	1.9963	1.0995	1.8825	.12410	128.65	.74305
#2	.76818	2.0089	1.0980	1.8826	.12627	128.17	.73759
#3	.76577	1.9982	1.0985	1.8829	.12805	127.68	.72822

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18736	.20050	21.690	.58014	.31599	.84329	176.07
Stddev	.00032	.00053	.108	.00203	.00037	.00164	.64
%RSD	.16994	.26202	.49863	.35059	.11668	.19499	.36252

#1	.18772	.20069	21.575	.58239	.31608	.84145	176.79
#2	.18714	.20091	21.707	.57958	.31631	.84459	175.82
#3	.18721	.19991	21.789	.57844	.31559	.84384	175.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0993	53.269	.74850	.04878	4.4648	.58243	1.0448
Stddev	.0118	.637	.00270	.00060	.0470	.00470	.0034
%RSD	.23148	1.1966	.36130	1.2256	1.0533	.80611	.33047

#1	5.1110	53.952	.74986	.04946	4.5154	.58625	1.0488
#2	5.0996	53.167	.75026	.04834	4.4565	.57719	1.0435
#3	5.0874	52.689	.74539	.04853	4.4224	.58384	1.0423

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.575	.35042	.30367	.74665	5.9629	.67515	4.3219
Stddev	.062	.00084	.01072	.00375	.0389	.00256	.0218
%RSD	.27377	.24111	3.5292	.50202	.65314	.37935	.50461

#1	22.646	.34962	.29211	.75067	5.9458	.67584	4.3471
#2	22.538	.35130	.31327	.74603	5.9355	.67730	4.3098
#3	22.540	.35035	.30565	.74325	6.0075	.67232	4.3089

Sample Name: K2139-01MSD Acquired: 3/29/2019 16:44:33 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31003	F 11.37	.04750	<.00000	F<.00000
Stddev	.00215	.07	.00102	.85067	2.7450
%RSD	.69255	.6058	2.1437	12.511	.75740

#1	.31248	11.44	.04770	-7.4042	-365.21
#2	.30910	11.35	.04640	-5.8265	-359.73
#3	.30850	11.31	.04841	-7.1668	-362.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3733.5	41129.	3404.7	43.313	3590.2
Stddev	3.9	205.	13.9	1.312	9.8
%RSD	.10326	.49751	.40922	3.0288	.27269

#1	3729.1	40995.	3419.3	42.724	3578.9
#2	3736.4	41027.	3403.4	42.398	3596.6
#3	3734.9	41364.	3391.5	44.816	3595.0

Sample Name: K2139-01A Acquired: 3/29/2019 16:48:52 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390320161 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00627	.00099	-.00923	.00077	-.00232	-.04652	-.00887	.00004
Stddev	.00084	.00037	.00022	.00019	.00052	.00636	.00020	.00003
%RSD	13.470	37.172	2.4361	24.591	22.422	13.661	2.2816	63.782

#1	-.00570	.00121	-.00905	.00069	-.00239	-.03986	-.00885	.00006
#2	-.00724	.00120	-.00916	.00064	-.00280	-.04718	-.00908	.00005
#3	-.00587	.00057	-.00948	.00099	-.00177	-.05252	-.00867	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.02038	.00119	.00001	-.01434	-.01974	-.00166	-.12762
Stddev	.00002	.00659	.00013	.00006	.00010	.00032	.00003	.00807
%RSD	6.4684	32.356	10.723	632.12	.71009	1.6348	1.6646	6.3261

#1	-.00032	-.02233	.00105	-.00006	-.01436	-.01937	-.00168	-.13497
#2	-.00035	-.02578	.00129	.00004	-.01423	-.01991	-.00163	-.11898
#3	-.00031	-.01303	.00124	.00005	-.01443	-.01995	-.00167	-.12890

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00820	-.00107	-.24007	-.00017	-.00124	.46996	.00008	-.01127
Stddev	.00011	.00031	.00467	.00020	.00003	.01170	.00013	.00656
%RSD	1.3345	28.777	1.9461	123.38	2.5219	2.4896	158.27	58.169

#1	.00808	-.00079	-.23488	.00005	-.00120	.45647	.00017	-.00385
#2	.00823	-.00103	-.24139	-.00018	-.00124	.47724	.00013	-.01628
#3	.00829	-.00140	-.24394	-.00036	-.00127	.47618	-.00006	-.01369

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01026	-.02781	-.00468	.00161	-.01192	-.0050	-.00030	<.00000
Stddev	.00083	.00181	.00011	.00269	.00009	.0003	.00003	8.3982
%RSD	8.0897	6.5026	2.2874	167.37	.74382	5.988	10.403	5.9824

#1	-.01108	-.02590	-.00477	.00471	-.01200	-.0049	-.00030	-130.83
#2	-.00942	-.02802	-.00469	-.00015	-.01192	-.0053	-.00027	-146.59
#3	-.01029	-.02950	-.00456	.00027	-.01183	-.0048	-.00034	-143.72

Sample Name: K2139-01A Acquired: 3/29/2019 16:48:52 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390320161 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.1568
%RSD 729.69

#1 1.1194
#2 -1.1344
#3 -.46054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10318.	110400.	6111.4	90.789	12401.
Stddev	98.	3286.	145.0	1.896	132.
%RSD	.95017	2.9763	2.3731	2.0885	1.0653

#1	10252.	106600.	5962.0	89.592	12305.
#2	10271.	112240.	6120.6	89.800	12345.
#3	10431.	112350.	6251.6	92.975	12551.

Sample Name: K2139-03 Acquired: 3/29/2019 16:53:19 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(12-20)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03624	-.01484	.14810	.07941	-.00254	125.74	.82345
Stddev	.00285	.00067	.00217	.00410	.00030	.34	.00205
%RSD	7.8644	4.5010	1.4670	5.1596	11.934	.27055	.24955

#1	.03333	-.01475	.14765	.08411	-.00263	125.35	.82201
#2	.03638	-.01422	.14619	.07753	-.00279	125.85	.82254
#3	.03903	-.01555	.15047	.07660	-.00220	126.00	.82580

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00717	-.00033	23.421	.28274	.12483	.75631	194.62
Stddev	.00011	.00022	.093	.00142	.00025	.00354	.86
%RSD	1.5799	65.049	.39555	.50393	.19855	.46757	.44183

#1	-.00709	-.00015	23.500	.28131	.12511	.75954	194.47
#2	-.00730	-.00057	23.319	.28275	.12467	.75686	193.84
#3	-.00713	-.00027	23.445	.28416	.12470	.75253	195.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0847	59.580	.22214	-.02473	2.9767	.37420	.78951
Stddev	.0098	.212	.00097	.00090	.0201	.00252	.00063
%RSD	.19213	.35569	.43700	3.6482	.67669	.67226	.08024

#1	5.0745	59.470	.22316	-.02568	2.9675	.37131	.79015
#2	5.0858	59.824	.22202	-.02465	2.9998	.37590	.78888
#3	5.0939	59.446	.22123	-.02388	2.9629	.37539	.78951

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.682	.01119	.04858	.90346	5.6290	.01547	5.8097
Stddev	.065	.00026	.02410	.00502	.0812	.00141	.0136
%RSD	.29812	2.3354	49.595	.55515	1.4416	9.1279	.23329

#1	21.624	.01091	.03133	.90863	5.7079	.01706	5.8252
#2	21.752	.01124	.03832	.90313	5.6332	.01500	5.8006
#3	21.669	.01142	.07611	.89861	5.5458	.01435	5.8032

Sample Name: K2139-03 Acquired: 3/29/2019 16:53:19 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S7B(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14747	6.242	-.11733	<.00000	F<.00000
Stddev	.00093	.020	.00117	1.1332	2.5661
%RSD	.63386	.3120	.99348	8.9080	.60427
#1	.14785	6.262	-.11700	-11.490	-422.56
#2	.14816	6.240	-.11636	-12.954	-423.92
#3	.14641	6.223	-.11862	-13.721	-427.52
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.0	42567.	3499.4	44.054	3606.1
Stddev	5.3	55.	21.6	1.868	4.3
%RSD	.13977	.12924	.61737	4.2407	.11946
#1	3821.6	42562.	3476.7	44.940	3604.8
#2	3827.1	42625.	3519.7	41.908	3611.0
#3	3832.3	42515.	3501.8	45.314	3602.7

Sample Name: CCV05 Acquired: 3/29/2019 16:57:46 Type: Unk
Method: P4-ICP2(v3000) 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	5.1428	5.1004	5.0689	5.1135	5.1570	10.173	10.185	.26091
Stddev	.0148	.0033	.0186	.0044	.0149	.048	.037	.00099
%RSD	.28794	.06400	.36743	.08522	.28941	.47163	.36515	.38128
#1	5.1381	5.1019	5.0745	5.1090	5.1413	10.159	10.199	.26050
#2	5.1310	5.0966	5.0481	5.1137	5.1587	10.226	10.213	.26204
#3	5.1594	5.1026	5.0841	5.1177	5.1710	10.133	10.143	.26019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5096	25.099	1.0136	2.5358	1.3120	5.0184	2.5810	25.316
Stddev	.0091	.065	.0022	.0128	.0034	.0222	.0049	.218
%RSD	.36354	.25734	.21211	.50399	.25601	.44168	.18925	.86250
#1	2.5095	25.174	1.0131	2.5327	1.3093	4.9939	2.5769	25.064
#2	2.5006	25.062	1.0117	2.5248	1.3109	5.0371	2.5864	25.447
#3	2.5188	25.062	1.0159	2.5498	1.3157	5.0240	2.5797	25.438
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5059	1.2679	24.419	2.5102	2.5546	25.709	5.1780	5.1465
Stddev	.0131	.0016	.040	.0047	.0077	.053	.0047	.0446
%RSD	.52145	.12841	.16325	.18799	.29986	.20614	.09101	.86600
#1	2.5055	1.2689	24.430	2.5071	2.5561	25.769	5.1780	5.1415
#2	2.4930	1.2660	24.452	2.5156	2.5463	25.687	5.1732	5.1934
#3	2.5191	1.2687	24.374	2.5078	2.5614	25.671	5.1827	5.1047
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0455	5.1023	5.0624	5.0298	4.9693	5.021	5.1446	F 7.0638
Stddev	.0037	.0290	.0104	.0034	.0158	.005	.0079	.7489
%RSD	.07291	.56836	.20464	.06696	.31810	.1050	.15442	10.602
#1	5.0456	5.0960	5.0723	5.0331	4.9742	5.024	5.1465	7.8551
#2	5.0491	5.0769	5.0517	5.0264	4.9517	5.015	5.1358	6.9703
#3	5.0418	5.1339	5.0631	5.0299	4.9821	5.023	5.1513	6.3661

Sample Name: CCV05 Acquired: 3/29/2019 16:57:46 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.5399
 Stddev .6339
 %RSD 41.165

#1 2.0399
 #2 1.7528
 #3 .82695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3349.5	37158.	3018.3	42.114	3588.4
Stddev	3.1	130.	5.4	1.656	10.3
%RSD	.09351	.35026	.17855	3.9317	.28693

#1	3345.9	37183.	3018.0	40.202	3580.3
#2	3350.9	37017.	3023.8	43.092	3600.0
#3	3351.6	37274.	3013.1	43.048	3584.8

Sample Name: CCB05 Acquired: 3/29/2019 17:01:43 Type: Unk
Method: P4-ICP2(v3000) 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	.00091	.00176	-.00030	.00268	-.00069	-.01065	.00113	.00005
Stddev	.00090	.00122	.00061	.00143	.00131	.01194	.00122	.00004
%RSD	99.478	69.247	206.27	53.363	188.01	112.13	108.32	80.135
#1	.00142	.00052	-.00093	.00405	-.00040	.00281	.00183	.00009
#2	.00144	.00296	.00028	.00119	.00044	-.01999	-.00028	.00001
#3	-.00014	.00180	-.00024	.00281	-.00212	-.01477	.00184	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00791	-.00009	.00008	-.00048	-.00044	.00002	-.09376
Stddev	.00004	.03223	.00030	.00011	.00006	.00049	.00010	.08354
%RSD	380.37	407.40	319.20	132.03	12.971	111.26	591.12	89.098
#1	.00003	.02512	.00014	.00014	-.00046	-.00091	-.00001	-.16251
#2	-.00006	-.02927	.00001	-.00004	-.00055	-.00048	-.00007	-.00079
#3	-.00000	.02788	-.00043	.00014	-.00043	.00007	.00013	-.11798
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00072	-.06370	.00006	.00035	.07336	.00061	.01798
Stddev	.00023	.00052	.00737	.00003	.00012	.02676	.00004	.02429
%RSD	39.535	72.980	11.577	52.033	34.490	36.485	6.7561	135.07
#1	-.00039	.00057	-.05617	.00003	.00048	.08189	.00065	.04588
#2	-.00052	.00130	-.06400	.00008	.00024	.09482	.00057	.00659
#3	-.00084	.00028	-.07091	.00008	.00033	.04337	.00062	.00149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00502	.00050	.00153	-.00128	-.0004	.00025	F 3.4920
Stddev	.00341	.00129	.00097	.00273	.00053	.0010	.00006	.7076
%RSD	346.04	25.671	195.64	178.31	41.139	220.5	25.477	20.263
#1	.00241	.00372	.00155	.00283	-.00092	-.0001	.00032	4.0089
#2	.00345	.00630	.00030	-.00160	-.00103	.0003	.00020	2.6856
#3	-.00291	.00506	-.00036	.00336	-.00188	-.0016	.00023	3.7816

Sample Name: CCB05 Acquired: 3/29/2019 17:01:43 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .98866
Stddev	.11716
%RSD	11.851

#1	.88732
#2	.96172
#3	1.1169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.3	38107.	3043.3	43.908	4002.8
Stddev	8.3	93.	37.6	.555	1.9
%RSD	.23743	.24389	1.2353	1.2631	.04722

#1	3494.6	38004.	3002.3	44.475	4004.0
#2	3509.9	38131.	3076.1	43.367	4003.8
#3	3496.5	38186.	3051.6	43.883	4000.6

Sample Name: K2141-01 Acquired: 3/29/2019 17:06:11 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390322022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00883	.00122	.03852	.01984	.00063	47.302	.68625
Stddev	.00293	.00049	.00089	.00073	.00085	.409	.00637
%RSD	33.234	39.691	2.3198	3.6560	134.49	.86369	.92875

#1	.00544	.00172	.03779	.01931	.00011	46.835	.67889
#2	.01051	.00075	.03825	.02066	.00162	47.481	.69005
#3	.01054	.00120	.03951	.01954	.00017	47.591	.68980

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	.00011	26.657	.01654	.00263	.71214	16.145
Stddev	.00014	.00010	.077	.00018	.00019	.00274	.043
%RSD	14.168	91.891	.28832	1.0790	7.1982	.38405	.26881

#1	-.00083	.00001	26.738	.01672	.00268	.71503	16.095
#2	-.00094	.00012	26.648	.01637	.00279	.71182	16.173
#3	-.00110	.00021	26.585	.01652	.00242	.70959	16.168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1504	3.3063	.00951	.00150	3.4944	.00950	.88219
Stddev	.0015	.0497	.00033	.00057	.0456	.00039	.00156
%RSD	.13400	1.5022	3.4918	38.407	1.3037	4.1292	.17689

#1	1.1487	3.3211	.00950	.00166	3.4420	.00972	.88046
#2	1.1512	3.2509	.00985	.00197	3.5242	.00973	.88262
#3	1.1515	3.3469	.00918	.00086	3.5170	.00905	.88349

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5784	.00473	.02512	7.9919	2.0436	.01831	.21577
Stddev	.0204	.00016	.00421	.0509	.0256	.00037	.00805
%RSD	1.2906	3.4580	16.750	.63698	1.2517	1.9948	3.7314

#1	1.5614	.00491	.02585	8.0368	2.0715	.01850	.22325
#2	1.6010	.00471	.02060	8.0022	2.0379	.01789	.21681
#3	1.5727	.00459	.02892	7.9366	2.0213	.01854	.20725

Sample Name: K2141-01 Acquired: 3/29/2019 17:06:11 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390322022 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00359	F 31.93	.24907	4.3415	F<.00000
Stddev	.00207	.09	.00108	.4817	1.2841
%RSD	57.670	.2909	.43448	11.095	25.262

#1	-.00490	31.95	.25005	4.6495	-6.5380
#2	-.00120	32.01	.24791	3.7864	-4.6030
#3	-.00466	31.82	.24926	4.5886	-4.1082

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.7	37961.	3132.2	45.410	3858.7
Stddev	12.1	40.	37.6	.580	3.2
%RSD	.34937	.10576	1.2013	1.2763	.08341

#1	3479.4	38006.	3089.1	44.988	3856.9
#2	3463.4	37947.	3148.7	46.071	3856.9
#3	3487.2	37929.	3158.7	45.170	3862.4

Sample Name: K2143-01 Acquired: 3/29/2019 17:10:29 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390320712 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	.01011	.38256	.13724	-.00152	27.198	5.0751
Stddev	.00314	.00199	.00176	.00265	.00187	.138	.0416
%RSD	150.21	19.685	.46112	1.9339	122.76	.50648	.81938

#1	.00100	.00815	.38057	.13648	-.00362	27.103	5.1014
#2	-.00199	.01006	.38395	.13505	-.00089	27.356	5.0968
#3	-.00528	.01213	.38314	.14020	-.00005	27.135	5.0272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03038	.00459	71.994	.03770	.09163	6.2762	319.98
Stddev	.00047	.00029	.526	.00050	.00027	.0114	1.66
%RSD	1.5485	6.2930	.73022	1.3189	.29259	.18192	.52002

#1	.02984	.00437	72.592	.03751	.09192	6.2673	321.84
#2	.03065	.00492	71.607	.03827	.09139	6.2722	319.45
#3	.03065	.00448	71.782	.03733	.09158	6.2891	318.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0765	9.0534	.14393	.00948	1.4074	.07628	6.8158
Stddev	.0090	.0795	.00091	.00040	.0154	.00095	.0091
%RSD	.22118	.87850	.62946	4.2476	1.0955	1.2408	.13384

#1	4.0867	9.0683	.14498	.00979	1.4026	.07695	6.8074
#2	4.0730	9.1244	.14350	.00903	1.4247	.07668	6.8144
#3	4.0697	8.9674	.14332	.00963	1.3950	.07519	6.8255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6343	.01195	.09365	F 67.558	1.5427	.14012	.19233
Stddev	.0334	.00063	.02442	.288	.0271	.00122	.00198
%RSD	.72149	5.3048	26.079	.42635	1.7534	.86724	1.0289

#1	4.6368	.01155	.12087	67.234	1.5398	.14045	.19071
#2	4.6665	.01162	.07363	67.783	1.5173	.14114	.19173
#3	4.5997	.01268	.08646	67.659	1.5711	.13878	.19453

Sample Name: K2143-01 Acquired: 3/29/2019 17:10:29 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390320712 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00155	F 113.5	.02209	<.00000	F<.00000
Stddev	.00048	.5	.00049	.46960	7.5539
%RSD	31.226	.4314	2.2107	3.8868	.95020

#1	.00099	112.9	.02164	-11.866	-786.46
#2	.00182	113.8	.02261	-11.759	-797.62
#3	.00183	113.8	.02203	-12.621	-800.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.9	39792.	3404.8	43.102	3618.1
Stddev	5.3	240.	25.4	.796	1.7
%RSD	.14912	.60263	.74663	1.8462	.04598

#1	3550.0	39542.	3379.5	43.457	3620.0
#2	3541.8	39814.	3430.3	43.658	3616.8
#3	3540.1	40020.	3404.6	42.190	3617.4

Sample Name: K2144-01 Acquired: 3/29/2019 17:14:49 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390321142 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	-.00064	.00380	.01969	-.00138	10.577	.56738
Stddev	.00305	.00079	.00031	.00272	.00118	.166	.00412
%RSD	86.757	122.51	8.0560	13.826	85.401	1.5700	.72598

#1	.00702	-.00154	.00392	.01750	-.00012	10.669	.57046
#2	.00149	-.00006	.00345	.01884	-.00156	10.386	.56270
#3	.00203	-.00033	.00403	.02274	-.00245	10.677	.56898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	-.00043	12.335	.00536	.02635	.21853	25.427
Stddev	.00008	.00003	.448	.00057	.00008	.00078	.020
%RSD	2.4135	7.0748	3.6319	10.620	.31167	.35644	.07792

#1	.00323	-.00042	12.827	.00577	.02638	.21937	25.448
#2	.00315	-.00046	11.950	.00471	.02642	.21784	25.424
#3	.00308	-.00040	12.228	.00559	.02626	.21838	25.409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5275	6.7551	.01194	.00592	1.5844	.00223	.47621
Stddev	.0019	.0828	.00011	.00043	.0258	.00055	.00202
%RSD	.12783	1.2255	.87948	7.3465	1.6279	24.649	.42353

#1	1.5254	6.6777	.01188	.00547	1.5785	.00174	.47705
#2	1.5293	6.7451	.01206	.00594	1.5620	.00214	.47391
#3	1.5279	6.8424	.01189	.00634	1.6126	.00283	.47767

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2057	.00265	.05844	6.0979	2.1259	.00844	.21529
Stddev	.0209	.00004	.02080	.0356	.0983	.00097	.00647
%RSD	.65051	1.6913	35.595	.58411	4.6230	11.522	3.0062

#1	3.1945	.00260	.03602	6.1212	2.2387	.00752	.22059
#2	3.2297	.00267	.07711	6.0569	2.0582	.00946	.21721
#3	3.1928	.00269	.06218	6.1155	2.0810	.00835	.20808

Sample Name: K2144-01 Acquired: 3/29/2019 17:14:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390321142 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00730	F 17.83	.02940	.95516	F<.00000
Stddev	.00050	.03	.00208	.67979	1.4645
%RSD	6.8402	.1702	7.0814	71.170	6.7595

#1	-.00700	17.84	.03171	1.0779	-23.342
#2	-.00788	17.79	.02767	1.5652	-21.016
#3	-.00704	17.85	.02881	.22236	-20.638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.2	39389.	3211.7	44.872	3936.0
Stddev	6.4	105.	108.2	2.061	6.3
%RSD	.17853	.26655	3.3691	4.5926	.16058

#1	3574.9	39289.	3086.8	42.937	3929.8
#2	3587.0	39380.	3273.3	44.640	3942.4
#3	3584.8	39498.	3275.2	47.039	3935.8

Sample Name: K1698-03 Acquired: 3/29/2019 17:19:07 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08977	.00661	.54681	.11337	-.00383	148.33	.80339
Stddev	.00399	.00018	.00725	.00640	.00240	.37	.00493
%RSD	4.4413	2.6565	1.3261	5.6494	62.556	.24818	.61341

#1	.08541	.00670	.54253	.10606	-.00121	148.34	.80594
#2	.09324	.00673	.54273	.11608	-.00592	147.96	.79770
#3	.09066	.00641	.55519	.11797	-.00437	148.70	.80651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01082	-.00073	69.100	.34700	.12183	.97031	275.69
Stddev	.00023	.00019	.209	.00279	.00107	.00768	3.10
%RSD	2.0987	25.785	.30182	.80377	.88119	.79161	1.1260

#1	-.01056	-.00055	68.947	.34480	.12072	.96408	272.19
#2	-.01089	-.00093	69.337	.34606	.12188	.96795	276.81
#3	-.01100	-.00072	69.016	.35013	.12287	.97889	278.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6592	48.165	.14736	-.02786	10.263	.61547	.92382
Stddev	.0085	.240	.00089	.00049	.041	.00253	.00370
%RSD	.18330	.49731	.60522	1.7408	.39751	.41034	.40073

#1	4.6565	47.998	.14669	-.02734	10.286	.61397	.92129
#2	4.6523	48.057	.14702	-.02794	10.216	.61405	.92210
#3	4.6687	48.439	.14837	-.02830	10.288	.61838	.92807

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.304	.00067	.67098	3.5449	2.5963	.03948	2.8725
Stddev	.066	.00019	.02006	.0275	.0290	.00049	.0144
%RSD	.29614	28.776	2.9894	.77557	1.1187	1.2413	.50098

#1	22.287	.00088	.67780	3.5413	2.6181	.03899	2.8812
#2	22.249	.00061	.64841	3.5194	2.6075	.03947	2.8805
#3	22.377	.00051	.68675	3.5740	2.5633	.03997	2.8559

Sample Name: K1698-03 Acquired: 3/29/2019 17:19:07 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16016	7.364	.00114	<.00000	F<.00000
Stddev	.00223	.055	.00357	.49498	5.2382
%RSD	1.3915	.7448	311.41	4.7606	.76993
#1	.15935	7.358	.00489	-9.8340	-676.54
#2	.16267	7.313	.00076	-10.762	-678.19
#3	.15844	7.422	-.00221	-10.596	-686.33
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.3	39808.	3336.8	41.550	3506.8
Stddev	7.2	152.	16.5	.723	12.1
%RSD	.19938	.38138	.49534	1.7394	.34429
#1	3604.3	39969.	3353.5	41.742	3505.1
#2	3612.9	39787.	3320.5	42.158	3519.7
#3	3598.6	39668.	3336.4	40.751	3495.7

Sample Name: K1698-03DUP Acquired: 3/29/2019 17:23:32 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08568	.00464	.55831	.11138	-.00311	150.64	.82367
Stddev	.00091	.00070	.00317	.00247	.00170	.74	.00605
%RSD	1.0643	15.027	.56833	2.2202	54.695	.49032	.73468

#1	.08469	.00430	.56087	.11374	-.00455	150.39	.82118
#2	.08649	.00419	.55476	.11160	-.00123	151.48	.83057
#3	.08586	.00545	.55931	.10881	-.00355	150.07	.81927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01129	-.00070	68.606	.35519	.12295	.98519	283.90
Stddev	.00027	.00016	.151	.00114	.00082	.00474	1.06
%RSD	2.3502	23.246	.21967	.32213	.66461	.48103	.37460

#1	-.01133	-.00057	68.444	.35518	.12380	.98201	284.52
#2	-.01153	-.00088	68.743	.35405	.12217	.99064	284.51
#3	-.01100	-.00065	68.630	.35634	.12289	.98293	282.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6930	49.192	.14795	-.02870	10.418	.61969	.95573
Stddev	.0131	.380	.00136	.00027	.056	.00501	.00820
%RSD	.28001	.77290	.92052	.94877	.53979	.80870	.85776

#1	4.7046	48.961	.14951	-.02898	10.430	.61412	.96098
#2	4.6958	49.630	.14737	-.02844	10.467	.62112	.94628
#3	4.6787	48.984	.14698	-.02868	10.356	.62383	.95993

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.611	.00092	.71008	3.5429	2.5820	.03969	2.8748
Stddev	.133	.00038	.01895	.0126	.0546	.00077	.0147
%RSD	.58703	40.590	2.6683	.35582	2.1157	1.9385	.51237

#1	22.603	.00120	.72719	3.5573	2.5598	.03939	2.8584
#2	22.747	.00050	.71334	3.5342	2.5421	.04057	2.8868
#3	22.482	.00108	.68971	3.5371	2.6443	.03912	2.8792

Sample Name: K1698-03DUP Acquired: 3/29/2019 17:23:32 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16406	7.558	-.00285	<.00000	F<.00000
Stddev	.00222	.044	.00130	.83367	9.2972
%RSD	1.3531	.5775	45.525	7.3966	1.2995

#1	.16295	7.608	-.00426	-10.379	-705.43
#2	.16261	7.527	-.00257	-11.404	-717.19
#3	.16661	7.539	-.00171	-12.030	-723.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.6	39645.	3338.4	42.355	3509.7
Stddev	1.2	117.	18.4	.262	27.2
%RSD	.03219	.29389	.55111	.61772	.77481

#1	3598.2	39525.	3325.9	42.549	3485.2
#2	3597.7	39653.	3359.5	42.057	3539.0
#3	3599.9	39757.	3329.8	42.458	3504.9

Sample Name: K1698-03LX5 Acquired: 3/29/2019 17:28:45 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02269	.00498	.11079	.03813	-.00100	32.493	.18122
Stddev	.00180	.00181	.00104	.00144	.00083	.199	.00025
%RSD	7.9137	36.378	.94074	3.7742	82.714	.61346	.14060

#1	.02243	.00407	.11183	.03651	-.00036	32.312	.18113
#2	.02105	.00380	.11077	.03864	-.00071	32.707	.18102
#3	.02461	.00706	.10975	.03925	-.00194	32.460	.18150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00377	-.00238	15.483	.08018	.02532	.22536	73.755
Stddev	.00010	.00014	.067	.00026	.00050	.00118	.282
%RSD	2.7397	5.6902	.42964	.32906	1.9662	.52224	.38234

#1	-.00369	-.00226	15.552	.07992	.02531	.22666	73.537
#2	-.00388	-.00253	15.478	.08019	.02582	.22437	74.074
#3	-.00373	-.00235	15.419	.08044	.02482	.22505	73.655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0704	10.644	.02757	-.00422	2.1496	.13678	.18873
Stddev	.0016	.170	.00022	.00023	.0181	.00089	.00102
%RSD	.15257	1.5976	.81290	5.5164	.84121	.64755	.54146

#1	1.0698	10.448	.02738	-.00429	2.1299	.13578	.18974
#2	1.0723	10.743	.02750	-.00396	2.1534	.13712	.18874
#3	1.0692	10.742	.02781	-.00441	2.1655	.13745	.18770

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8618	.00013	.18794	.70627	.58791	.00721	.64479
Stddev	.0536	.00026	.00463	.00971	.00265	.00083	.00676
%RSD	1.1016	207.06	2.4656	1.3749	.45026	11.578	1.0489

#1	4.8322	.00041	.19323	.71597	.58556	.00809	.63866
#2	4.8296	-.00012	.18598	.70630	.59078	.00711	.65205
#3	4.9236	.00010	.18460	.69655	.58741	.00643	.64367

Sample Name: K1698-03LX5 Acquired: 3/29/2019 17:28:45 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8090 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03103	1.511	-.01144	1.9865	F<.00000
Stddev	.00072	.007	.00053	.2764	1.8624
%RSD	2.3064	.4430	4.6238	13.915	2.0445
#1	.03023	1.518	-.01108	2.2596	-90.432
#2	.03124	1.507	-.01205	1.7069	-89.649
#3	.03162	1.507	-.01119	1.9931	-93.194
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3473.8	37941.	3092.3	42.131	3785.1
Stddev	12.5	43.	21.2	.908	18.4
%RSD	.35942	.11441	.68482	2.1543	.48684
#1	3459.4	37918.	3071.6	42.908	3773.6
#2	3480.9	37914.	3091.5	42.350	3775.4
#3	3481.2	37991.	3113.9	41.133	3806.4

Sample Name: K1698-03MS Acquired: 3/29/2019 17:33:11 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79446	1.9298	1.4583	1.8602	.12860	166.26	1.0310
Stddev	.00609	.0047	.0018	.0036	.00314	.90	.0085
%RSD	.76595	.24586	.12144	.19540	2.4429	.54422	.82062

#1	.79071	1.9352	1.4592	1.8604	.12706	165.76	1.0300
#2	.80148	1.9266	1.4595	1.8638	.13221	165.71	1.0232
#3	.79118	1.9275	1.4563	1.8565	.12652	167.30	1.0400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18430	.19470	66.978	.71512	.31953	1.0706	249.66
Stddev	.00034	.00035	.379	.00298	.00048	.0040	.78
%RSD	.18491	.17793	.56590	.41615	.14968	.37201	.31088

#1	.18422	.19506	67.416	.71853	.31925	1.0691	248.87
#2	.18401	.19467	66.755	.71303	.31927	1.0676	249.68
#3	.18468	.19437	66.763	.71381	.32009	1.0751	250.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3924	51.384	.72665	.04448	13.475	.86121	.96372
Stddev	.0071	.414	.00276	.00013	.054	.00120	.00148
%RSD	.16117	.80557	.38022	.28163	.39814	.13950	.15316

#1	4.3990	51.156	.72812	.04456	13.492	.86179	.96207
#2	4.3849	51.135	.72346	.04454	13.415	.86201	.96418
#3	4.3931	51.862	.72836	.04433	13.519	.85983	.96491

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.840	.33923	.88818	3.7098	2.8245	.66683	3.0565
Stddev	.128	.00189	.02756	.0178	.0257	.00250	.0176
%RSD	.37816	.55768	3.1027	.47932	.90977	.37449	.57565

#1	33.739	.34114	.86260	3.7304	2.8349	.66968	3.0761
#2	33.798	.33735	.91736	3.6997	2.8433	.66502	3.0515
#3	33.984	.33921	.88460	3.6994	2.7952	.66580	3.0420

Sample Name: K1698-03MS Acquired: 3/29/2019 17:33:11 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36198	F 11.75	.24917	<.00000	F<.00000
Stddev	.00382	.10	.00571	.82379	1.6520
%RSD	1.0547	.8906	2.2925	11.439	.27643
#1	.36633	11.87	.25576	-6.2737	-595.98
#2	.35919	11.68	.24609	-7.4862	-599.29
#3	.36042	11.69	.24566	-7.8460	-597.61
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.0	39622.	3323.8	43.628	3483.6
Stddev	5.3	112.	35.8	.485	3.3
%RSD	.14918	.28234	1.0756	1.1127	.09555
#1	3584.3	39541.	3286.5	43.087	3486.5
#2	3585.9	39750.	3327.3	44.026	3480.0
#3	3575.9	39576.	3357.7	43.771	3484.4

Sample Name: K1698-03MSD Acquired: 3/29/2019 17:37:30 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79799	1.9357	1.4527	1.8690	.13152	167.44	1.0379
Stddev	.00651	.0174	.0063	.0048	.00072	1.36	.0126
%RSD	.81626	.89716	.43394	.25484	.54868	.81477	1.2088

#1	.79114	1.9216	1.4482	1.8653	.13104	167.82	1.0399
#2	.79872	1.9551	1.4599	1.8744	.13117	168.58	1.0493
#3	.80411	1.9304	1.4499	1.8674	.13235	165.93	1.0244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18528	.19310	67.499	.71394	.31885	1.0762	250.32
Stddev	.00039	.00020	.281	.00479	.00092	.0029	1.53
%RSD	.21050	.10524	.41644	.67103	.28939	.26677	.61218

#1	.18572	.19328	67.641	.71735	.31817	1.0730	251.68
#2	.18509	.19288	67.176	.70846	.31990	1.0785	248.66
#3	.18501	.19314	67.682	.71600	.31849	1.0770	250.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4087	51.732	.73028	.04433	13.522	.86280	.96309
Stddev	.0127	.833	.00504	.00021	.179	.00625	.00597
%RSD	.28759	1.6095	.68947	.47811	1.3268	.72445	.61969

#1	4.4226	52.181	.72768	.04411	13.562	.86379	.96427
#2	4.3977	52.245	.73609	.04434	13.677	.86849	.96838
#3	4.4057	50.772	.72709	.04453	13.325	.85611	.95662

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.002	.34025	.89939	3.7537	2.8977	.66470	3.0781
Stddev	.302	.00189	.00592	.0400	.0630	.00711	.0119
%RSD	.88874	.55684	.65782	1.0645	2.1724	1.0701	.38600

#1	34.136	.33807	.90172	3.7266	2.8715	.66173	3.0687
#2	34.214	.34154	.89267	3.7996	2.8521	.67281	3.0915
#3	33.656	.34112	.90379	3.7350	2.9695	.65955	3.0743

Sample Name: K1698-03MSD Acquired: 3/29/2019 17:37:30 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36425	F 11.70	.24945	<.00000	F<.00000
Stddev	.00045	.09	.00208	1.4410	8.3387
%RSD	.12428	.7469	.83479	21.417	1.3798
#1	.36476	11.73	.24859	-5.1024	-597.11
#2	.36410	11.77	.24794	-7.8469	-613.46
#3	.36390	11.60	.25183	-7.2365	-602.43
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.8	39503.	3315.6	42.617	3496.2
Stddev	6.1	222.	54.1	.420	25.5
%RSD	.16992	.56159	1.6316	.98639	.72955
#1	3572.8	39248.	3304.1	42.132	3481.8
#2	3583.0	39609.	3374.5	42.881	3481.1
#3	3583.7	39651.	3268.1	42.838	3525.6

Sample Name: K1698-03A Acquired: 3/29/2019 17:41:50 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80102	1.9349	1.4692	1.8746	.12941	165.64	1.0505
Stddev	.00504	.0124	.0119	.0148	.00182	.41	.0023
%RSD	.62943	.64117	.81154	.79094	1.4084	.24880	.21889

#1	.80241	1.9290	1.4592	1.8622	.13150	165.29	1.0486
#2	.80522	1.9491	1.4824	1.8910	.12816	166.10	1.0531
#3	.79543	1.9264	1.4659	1.8705	.12857	165.53	1.0499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18505	.19503	67.390	.72809	.32048	1.0655	252.56
Stddev	.00062	.00159	.055	.00039	.00354	.0011	.94
%RSD	.33268	.81655	.08092	.05367	1.1061	.10062	.37274

#1	.18445	.19421	67.381	.72855	.31853	1.0653	252.33
#2	.18568	.19687	67.341	.72785	.32457	1.0666	253.60
#3	.18500	.19402	67.449	.72789	.31834	1.0645	251.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4137	52.064	.70036	.04397	13.495	.85655	.94671
Stddev	.0083	.111	.00460	.00034	.050	.00782	.00347
%RSD	.18893	.21397	.65632	.77566	.37091	.91280	.36622

#1	4.4106	52.027	.69729	.04436	13.450	.86420	.94337
#2	4.4231	52.190	.70564	.04373	13.549	.85687	.95029
#3	4.4073	51.977	.69815	.04382	13.485	.84857	.94646

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.001	.34373	.92076	3.5301	2.9570	.66638	3.0961
Stddev	.091	.00216	.00520	.0160	.0394	.00775	.0098
%RSD	.26768	.62950	.56459	.45323	1.3325	1.1628	.31585

#1	33.949	.34288	.91664	3.5121	2.9948	.66360	3.1041
#2	34.106	.34619	.91904	3.5427	2.9162	.67513	3.0852
#3	33.947	.34213	.92661	3.5354	2.9601	.66040	3.0990

Sample Name: K1698-03A Acquired: 3/29/2019 17:41:50 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8090 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36603	F 11.76	.27489	<.00000	F<.00000
Stddev	.00177	.05	.00139	.90267	5.6435
%RSD	.48227	.3931	.50699	13.251	.94312
#1	.36752	11.81	.27504	-7.2621	-603.37
#2	.36408	11.73	.27343	-5.7728	-592.26
#3	.36649	11.73	.27621	-7.4011	-599.53
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.5	39440.	3263.8	42.215	3480.5
Stddev	7.1	165.	15.0	.671	15.0
%RSD	.19781	.41926	.46106	1.5902	.43073
#1	3563.2	39315.	3249.1	41.767	3488.8
#2	3561.7	39377.	3263.1	42.987	3463.2
#3	3574.6	39627.	3279.1	41.891	3489.5

Sample Name: K2138-01 Acquired: 3/29/2019 17:46:11 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02893	-.00787	.36736	.07662	-.00202	96.542	.70611
Stddev	.00193	.00149	.00369	.00046	.00046	.081	.00217
%RSD	6.6714	18.981	1.0037	.60535	22.954	.08349	.30797

#1	.02799	-.00959	.36353	.07608	-.00248	96.494	.70626
#2	.02764	-.00696	.36767	.07688	-.00156	96.635	.70820
#3	.03115	-.00705	.37089	.07689	-.00202	96.497	.70386

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00713	-.00090	27.660	.19733	.09125	.62454	176.13
Stddev	.00041	.00020	.216	.00051	.00092	.00280	.71
%RSD	5.7830	22.118	.77937	.25818	1.0108	.44903	.40081

#1	-.00709	-.00107	27.756	.19786	.09091	.62240	176.74
#2	-.00674	-.00068	27.812	.19684	.09054	.62351	175.36
#3	-.00756	-.00094	27.414	.19729	.09229	.62771	176.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0029	53.619	.18314	-.01818	1.4961	.25998	.90375
Stddev	.0119	.417	.00052	.00087	.0026	.00193	.00136
%RSD	.23716	.77828	.28447	4.7655	.17411	.74107	.15062

#1	5.0134	53.395	.18308	-.01796	1.4989	.25928	.90276
#2	4.9900	53.362	.18369	-.01913	1.4938	.26216	.90319
#3	5.0054	54.101	.18265	-.01744	1.4954	.25850	.90531

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.039	.00231	.06358	.74492	5.6599	.02065	3.9549
Stddev	.067	.00022	.00919	.00222	.0315	.00054	.0114
%RSD	.39594	9.4401	14.460	.29824	.55693	2.6253	.28938

#1	17.076	.00238	.06518	.74304	5.6729	.02047	3.9488
#2	16.961	.00248	.07188	.74434	5.6240	.02023	3.9681
#3	17.079	.00206	.05370	.74737	5.6829	.02126	3.9478

Sample Name: K2138-01 Acquired: 3/29/2019 17:46:11 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S6A(2-10)COM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12677	4.354	-.05869	<.00000	F<.00000
Stddev	.00142	.042	.00086	.71987	1.2462
%RSD	1.1232	.9538	1.4684	9.0133	.35785

#1	.12634	4.310	-.05968	-7.3045	-346.79
#2	.12836	4.361	-.05824	-8.7391	-348.95
#3	.12561	4.392	-.05814	-7.9166	-348.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.7	40662.	3357.9	42.036	3618.5
Stddev	10.7	49.	12.0	.231	4.5
%RSD	.28886	.12044	.35813	.55049	.12310

#1	3681.6	40652.	3353.4	41.775	3620.5
#2	3683.6	40716.	3348.8	42.217	3613.5
#3	3701.0	40619.	3371.6	42.116	3621.7

Sample Name: CCV06 Acquired: 3/29/2019 17:50:30 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14781 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1050	5.0480	5.0465	5.0393	5.1093	10.152	10.093	.26042
Stddev	.0069	.0212	.0115	.0135	.0089	.081	.037	.00102
%RSD	.13420	.41969	.22790	.26810	.17402	.80039	.36295	.39169
#1	5.0976	5.0715	5.0598	5.0239	5.1016	10.239	10.123	.26062
#2	5.1064	5.0421	5.0408	5.0450	5.1190	10.140	10.105	.26133
#3	5.1110	5.0304	5.0391	5.0490	5.1072	10.078	10.052	.25932
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4917	25.014	1.0073	2.5215	1.3100	4.9801	2.5744	25.470
Stddev	.0057	.135	.0040	.0059	.0023	.0099	.0023	.523
%RSD	.23095	.53906	.39985	.23437	.17451	.19811	.08848	2.0543
#1	2.4975	24.886	1.0078	2.5274	1.3089	4.9755	2.5748	26.070
#2	2.4917	25.155	1.0110	2.5215	1.3127	4.9734	2.5764	25.232
#3	2.4860	25.003	1.0030	2.5156	1.3085	4.9914	2.5719	25.108
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4827	1.2632	24.160	2.4875	2.5434	25.411	5.1405	5.0844
Stddev	.0029	.0054	.112	.0039	.0082	.077	.0086	.0242
%RSD	.11734	.42791	.46221	.15601	.32169	.30483	.16689	.47674
#1	2.4829	1.2649	24.203	2.4887	2.5528	25.444	5.1315	5.1114
#2	2.4855	1.2676	24.244	2.4832	2.5397	25.466	5.1487	5.0646
#3	2.4797	1.2572	24.033	2.4906	2.5377	25.322	5.1412	5.0770
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0318	5.1388	5.0149	5.0029	4.9167	4.982	5.1136	F 6.9837
Stddev	.0181	.0613	.0123	.0287	.0498	.019	.0475	.6082
%RSD	.36048	1.1922	.24585	.57284	1.0118	.3859	.92954	8.7083
#1	5.0523	5.0696	5.0290	4.9698	4.8593	5.004	5.0592	7.6429
#2	5.0177	5.1608	5.0091	5.0193	4.9480	4.977	5.1473	6.8638
#3	5.0255	5.1861	5.0065	5.0195	4.9428	4.966	5.1343	6.4444

Sample Name: CCV06 Acquired: 3/29/2019 17:50:30 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14781 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5464
Stddev	1.3551
%RSD	87.633

#1	.04227
#2	2.6721
#3	1.9248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.6	36932.	2993.0	43.999	3590.9
Stddev	4.3	113.	25.9	.488	8.1
%RSD	.12774	.30542	.86380	1.1087	.22579

#1	3353.3	36802.	3022.3	43.772	3581.7
#2	3345.7	36996.	2983.4	44.559	3593.9
#3	3352.9	36998.	2973.4	43.667	3597.0

Sample Name: CCB06 Acquired: 3/29/2019 17:54:28 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14781 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	.00174	-.00073	.00198	.00025	-.00673	.00197	.00001
Stddev	.00289	.00126	.00093	.00112	.00155	.00901	.00135	.00006
%RSD	250.29	72.348	127.69	56.938	611.66	133.90	68.462	410.27
#1	.00334	.00250	.00030	.00139	-.00031	.00081	.00198	.00003
#2	.00224	.00243	-.00151	.00126	-.00094	-.01670	.00061	.00006
#3	-.00212	.00029	-.00097	.00327	.00201	-.00429	.00331	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00938	-.00020	-.00005	-.00096	.00262	-.00005	-.18314
Stddev	.00005	.00596	.00023	.00032	.00025	.00034	.00003	.02383
%RSD	595.18	63.501	118.19	584.53	26.257	12.986	50.877	13.013
#1	.00002	-.01565	-.00045	-.00038	-.00079	.00300	-.00004	-.16029
#2	.00005	-.00871	-.00014	-.00003	-.00125	.00233	-.00008	-.20785
#3	-.00004	-.00379	.00000	.00025	-.00084	.00255	-.00004	-.18128
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	.00085	-.10724	-.00003	.00043	.03543	.00044	.01291
Stddev	.00060	.00025	.01277	.00060	.00017	.03390	.00007	.01854
%RSD	49.128	28.879	11.908	2394.4	38.477	95.675	16.910	143.52
#1	-.00111	.00074	-.11364	-.00030	.00062	.01233	.00053	-.00137
#2	-.00068	.00068	-.11554	-.00044	.00034	.07435	.00042	.03386
#3	-.00187	.00113	-.09253	.00067	.00033	.01962	.00038	.00626
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	.00455	.00024	.00617	-.00328	-.0014	.00002	F 5.2180
Stddev	.00328	.00170	.00149	.00244	.00194	.0004	.00010	.4946
%RSD	132.96	37.378	628.81	39.553	59.167	30.02	553.81	9.4790
#1	.00589	.00637	.00193	.00504	-.00550	-.0011	.00004	4.7232
#2	.00217	.00300	-.00036	.00897	-.00188	-.0012	-.00009	5.7124
#3	-.00065	.00429	-.00087	.00450	-.00247	-.0018	.00010	5.2185

Sample Name: CCB06 Acquired: 3/29/2019 17:54:28 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14781 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4752
Stddev	1.1505
%RSD	46.481

#1	1.2692
#2	2.5956
#3	3.5607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.1	37335.	2970.3	43.586	3933.1
Stddev	8.5	155.	19.9	.394	5.3
%RSD	.24786	.41626	.66962	.90374	.13472

#1	3432.3	37206.	2951.0	43.133	3928.0
#2	3428.4	37507.	2969.2	43.850	3932.8
#3	3444.7	37293.	2990.7	43.775	3938.6

Sample Name: K2138-03 Acquired: 3/29/2019 17:58:57 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A(12-20)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01765	-.00416	.03163	.07225	-.00259	79.051	.52796
Stddev	.00576	.00031	.00088	.00383	.00166	.772	.00672
%RSD	32.646	7.5202	2.7973	5.2999	64.055	.97668	1.2735

#1	.02419	-.00452	.03124	.07434	-.00143	79.675	.53533
#2	.01334	-.00403	.03264	.07458	-.00449	79.291	.52639
#3	.01541	-.00393	.03100	.06783	-.00186	78.188	.52216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00697	-.00257	17.630	.15293	.08401	.48531	163.10
Stddev	.00004	.00020	.052	.00088	.00040	.00353	.73
%RSD	.61521	7.8231	.29536	.57525	.47146	.72773	.44851

#1	-.00698	-.00265	17.573	.15356	.08415	.48930	163.93
#2	-.00693	-.00234	17.675	.15193	.08432	.48405	162.54
#3	-.00701	-.00271	17.643	.15331	.08356	.48258	162.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8561	39.883	.15768	-.01452	1.9630	.29143	.40094
Stddev	.0075	.396	.00059	.00065	.0342	.00130	.00208
%RSD	.15472	.99217	.37438	4.4497	1.7396	.44651	.51902

#1	4.8612	40.255	.15789	-.01507	1.9996	.29028	.39952
#2	4.8596	39.926	.15815	-.01469	1.9574	.29284	.40333
#3	4.8475	39.467	.15702	-.01381	1.9320	.29116	.39997

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.625	.00118	.02984	.23390	5.3831	.00663	2.9195
Stddev	.118	.00015	.01919	.00376	.1110	.00076	.0178
%RSD	.93485	12.393	64.307	1.6087	2.0615	11.440	.61066

#1	12.737	.00134	.01288	.22956	5.2608	.00749	2.8998
#2	12.636	.00105	.05067	.23623	5.4109	.00607	2.9345
#3	12.501	.00114	.02598	.23591	5.4775	.00632	2.9243

Sample Name: K2138-03 Acquired: 3/29/2019 17:58:57 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S6A(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10334	3.890	-.09298	<.00000	F<.00000
Stddev	.00125	.013	.00063	.57212	2.8264
%RSD	1.2112	.3405	.67760	8.5802	.93852
#1	.10201	3.885	-.09370	-6.0411	-303.88
#2	.10450	3.905	-.09255	-6.8003	-301.33
#3	.10352	3.880	-.09268	-7.1621	-298.24
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3668.1	40421.	3312.7	42.918	3675.1
Stddev	10.1	105.	48.7	.682	18.8
%RSD	.27537	.25925	1.4697	1.5899	.51254
#1	3656.5	40321.	3364.8	42.250	3692.6
#2	3675.2	40411.	3304.8	42.891	3655.2
#3	3672.6	40530.	3268.4	43.614	3677.5

Sample Name: K2138-05 Acquired: 3/29/2019 18:03:20 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A/S6B(21-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02167	-.00664	.04513	.07178	-.00296	78.810	.57346
Stddev	.00470	.00191	.00115	.00102	.00122	.053	.00159
%RSD	21.678	28.790	2.5435	1.4270	41.318	.06729	.27810

#1	.02196	-.00769	.04421	.07072	-.00217	78.787	.57325
#2	.01684	-.00443	.04476	.07185	-.00437	78.773	.57514
#3	.02622	-.00780	.04642	.07276	-.00234	78.871	.57197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00752	-.00215	48.470	.27551	.08209	.39386	164.00
Stddev	.00022	.00016	.136	.00071	.00088	.00164	.44
%RSD	2.8648	7.5494	.27957	.25937	1.0741	.41758	.26905

#1	-.00751	-.00197	48.326	.27526	.08293	.39502	163.68
#2	-.00774	-.00228	48.491	.27497	.08117	.39198	163.81
#3	-.00731	-.00221	48.595	.27632	.08218	.39458	164.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4930	56.040	.15524	-.01626	2.0666	.23327	.48586
Stddev	.0069	.400	.00160	.00089	.0164	.00110	.00351
%RSD	.15353	.71374	1.0328	5.4627	.79332	.46942	.72169

#1	4.4873	55.579	.15583	-.01615	2.0751	.23445	.48987
#2	4.4911	56.295	.15342	-.01544	2.0769	.23229	.48337
#3	4.5007	56.245	.15646	-.01720	2.0477	.23306	.48434

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.259	.01257	.04536	.28381	5.7879	.00847	3.3391
Stddev	.049	.00013	.00359	.00233	.0298	.00087	.0076
%RSD	.39993	1.0202	7.9199	.82100	.51528	10.221	.22664

#1	12.294	.01255	.04452	.28248	5.8187	.00748	3.3414
#2	12.280	.01271	.04930	.28650	5.7591	.00886	3.3453
#3	12.203	.01246	.04227	.28245	5.7860	.00908	3.3307

Sample Name: K2138-05 Acquired: 3/29/2019 18:03:20 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S6A/S6B(21-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10603	4.254	-.07171	<.00000	F<.00000
Stddev	.00090	.048	.00049	.60029	1.5146
%RSD	.84533	1.135	.68581	10.137	.49400
#1	.10581	4.299	-.07179	-6.2927	-306.37
#2	.10701	4.203	-.07118	-5.2292	-305.21
#3	.10526	4.260	-.07215	-6.2434	-308.21
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.4	40032.	3255.0	41.966	3559.7
Stddev	4.9	38.	7.7	.950	19.2
%RSD	.13656	.09388	.23537	2.2632	.53803
#1	3613.5	40006.	3263.3	41.051	3552.9
#2	3613.1	40016.	3248.2	42.947	3581.3
#3	3604.8	40075.	3253.5	41.899	3544.9

Sample Name: K2138-07 Acquired: 3/29/2019 18:07:42 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02629	-.00516	.07021	.06838	-.00170	99.682	.67377
Stddev	.00240	.00117	.00222	.00228	.00193	.578	.00182
%RSD	9.1440	22.655	3.1611	3.3357	113.60	.57998	.27067

#1	.02408	-.00431	.06792	.06576	.00041	99.150	.67173
#2	.02885	-.00649	.07235	.06995	-.00337	100.30	.67525
#3	.02594	-.00467	.07036	.06942	-.00214	99.598	.67432

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00572	-.00134	12.021	.22596	.08239	.41997	161.01
Stddev	.00012	.00011	.053	.00067	.00040	.00111	.68
%RSD	2.1213	8.2466	.44397	.29856	.48985	.26322	.42319

#1	-.00586	-.00124	11.961	.22523	.08203	.41970	160.23
#2	-.00566	-.00131	12.064	.22608	.08283	.42119	161.31
#3	-.00564	-.00146	12.036	.22656	.08231	.41903	161.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0947	37.670	.17685	-.01491	1.0573	.23834	.48292
Stddev	.0419	.209	.00138	.00105	.0284	.00254	.00283
%RSD	.68705	.55359	.77960	7.0418	2.6855	1.0655	.58514

#1	6.0463	37.867	.17534	-.01471	1.0811	.23565	.48616
#2	6.1181	37.692	.17803	-.01397	1.0648	.23870	.48095
#3	6.1196	37.451	.17720	-.01604	1.0259	.24069	.48166

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.322	.00286	.06117	.33470	6.5026	.00647	3.1972
Stddev	.067	.00013	.01855	.00319	.0938	.00031	.0046
%RSD	.54025	4.7248	30.333	.95238	1.4428	4.7534	.14411

#1	12.360	.00281	.05598	.33622	6.3993	.00678	3.1920
#2	12.361	.00275	.08176	.33104	6.5261	.00645	3.2007
#3	12.245	.00301	.04576	.33685	6.5824	.00617	3.1991

Sample Name: K2138-07 Acquired: 3/29/2019 18:07:42 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10368	4.052	-.10328	<.00000	F<.00000
Stddev	.00233	.013	.00056	.29063	1.8602
%RSD	2.2501	.3152	.53759	3.1561	.61356
#1	.10264	4.045	-.10267	-8.9881	-302.75
#2	.10635	4.067	-.10343	-9.5378	-301.58
#3	.10205	4.046	-.10375	-9.0993	-305.22
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.0	41149.	3399.7	44.487	3669.7
Stddev	6.0	151.	34.9	1.050	3.6
%RSD	.16017	.36688	1.0272	2.3601	.09743
#1	3747.9	41259.	3437.8	43.621	3665.8
#2	3755.5	40977.	3392.2	45.654	3672.8
#3	3743.7	41212.	3369.2	44.185	3670.5

Sample Name: K2138-09 Acquired: 3/29/2019 18:12:14 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6B(12-10)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01941	-.00468	.04091	.06195	-.00484	78.177	.53845
Stddev	.00369	.00079	.00071	.00274	.00223	.182	.00335
%RSD	18.990	16.799	1.7402	4.4262	46.053	.23288	.62192

#1	.02041	-.00497	.04038	.06345	-.00499	78.095	.53521
#2	.01533	-.00379	.04064	.06361	-.00700	78.050	.53824
#3	.02250	-.00528	.04172	.05878	-.00254	78.385	.54190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00617	-.00142	94.563	.15955	.06783	.34020	139.98
Stddev	.00021	.00021	.567	.00051	.00094	.00101	.28
%RSD	3.3731	15.122	.59997	.31905	1.3861	.29832	.20229

#1	-.00593	-.00132	94.507	.15922	.06884	.34053	139.67
#2	-.00631	-.00166	95.156	.15929	.06699	.33906	140.04
#3	-.00627	-.00127	94.026	.16014	.06765	.34101	140.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3100	84.074	.13561	-.01527	1.2713	.18265	.41997
Stddev	.0072	.556	.00136	.00021	.0087	.00102	.00264
%RSD	.16714	.66173	1.0041	1.4017	.68335	.55942	.62778

#1	4.3020	83.490	.13715	-.01528	1.2807	.18258	.42301
#2	4.3121	84.135	.13507	-.01505	1.2635	.18166	.41829
#3	4.3159	84.598	.13459	-.01547	1.2698	.18370	.41861

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.107	.00684	.04049	.25604	4.9668	.00845	2.5337
Stddev	.105	.00044	.01079	.00302	.0311	.00053	.0139
%RSD	1.0350	6.4035	26.639	1.1778	.62683	6.3150	.55015

#1	10.014	.00701	.04552	.25599	4.9946	.00868	2.5430
#2	10.220	.00634	.02810	.25305	4.9332	.00883	2.5404
#3	10.087	.00717	.04783	.25908	4.9727	.00784	2.5177

Sample Name: K2138-09 Acquired: 3/29/2019 18:12:14 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S6B(12-10)CO Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10177	4.075	-.05339	<.00000	F<.00000
Stddev	.00100	.035	.00026	.78921	1.0682
%RSD	.98132	.8699	.47984	17.678	.43721

#1	.10189	4.115	-.05314	-4.5685	-245.42
#2	.10271	4.047	-.05339	-3.6282	-243.28
#3	.10072	4.062	-.05365	-5.1963	-244.28

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.9	39938.	3301.3	42.201	3535.4
Stddev	6.4	93.	12.1	1.048	25.2
%RSD	.17828	.23387	.36504	2.4839	.71159

#1	3567.6	40042.	3301.7	43.278	3513.1
#2	3561.7	39913.	3289.1	41.184	3530.4
#3	3574.5	39860.	3313.2	42.141	3562.6

Sample Name: K2153-21 Acquired: 3/29/2019 18:16:35 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14839	-.05455	6.0640	.12394	.00167	191.76	4.8875
Stddev	.00146	.00104	.0117	.00502	.00204	.55	.0186
%RSD	.98498	1.9026	.19282	4.0468	122.16	.28497	.38073

#1	.14743	-.05375	6.0535	.12905	.00313	191.77	4.8954
#2	.14767	-.05572	6.0619	.12375	.00255	191.21	4.8663
#3	.15007	-.05417	6.0766	.11902	-.00066	192.30	4.9008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01830	.02445	197.49	.40953	.24096	2.0371	390.95
Stddev	.00036	.00008	.62	.00263	.00168	.0026	.64
%RSD	1.9795	.32019	.31376	.64280	.69668	.12546	.16458

#1	-.01837	.02436	198.18	.40667	.24286	2.0396	391.69
#2	-.01791	.02451	197.00	.41008	.23966	2.0345	390.55
#3	-.01863	.02449	197.27	.41185	.24037	2.0373	390.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9918	109.11	.53255	-.07431	4.1094	.85692	6.3453
Stddev	.0082	.32	.00069	.00146	.0311	.00284	.0001
%RSD	.16441	.29098	.12945	1.9597	.75557	.33106	.00225

#1	4.9939	108.83	.53309	-.07479	4.1323	.85526	6.3452
#2	4.9828	109.04	.53278	-.07547	4.0741	.85530	6.3454
#3	4.9988	109.46	.53177	-.07268	4.1219	.86020	6.3451

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	98.860	.04529	.06275	F 23.698	4.0993	.20820	F 16.055
Stddev	.472	.00014	.01775	.028	.0249	.00064	.064
%RSD	.47787	.31614	28.282	.11750	.60638	.30888	.39686

#1	99.040	.04530	.06831	23.711	4.1262	.20758	16.119
#2	98.324	.04542	.07705	23.718	4.0772	.20816	15.992
#3	99.216	.04514	.04289	23.666	4.0946	.20886	16.055

Sample Name: K2153-21 Acquired: 3/29/2019 18:16:35 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44080	F 15.82	.50740	<.00000	F<.00000
Stddev	.00209	.04	.00351	1.6986	3.8669
%RSD	.47302	.2690	.69089	7.2031	.30773
#1	.44284	15.82	.51133	-23.646	-1259.9
#2	.43867	15.86	.50461	-25.247	-1257.6
#3	.44090	15.78	.50625	-21.852	-1252.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.4	40708.	3428.5	39.448	3214.7
Stddev	11.5	114.	8.9	.551	5.1
%RSD	.31801	.27980	.26046	1.3968	.15920
#1	3607.3	40703.	3418.6	39.580	3208.8
#2	3628.7	40825.	3431.0	39.921	3217.8
#3	3625.3	40597.	3436.0	38.843	3217.5

Sample Name: K2153-25 Acquired: 3/29/2019 18:20:58 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06886	-.03470	4.1043	.08687	.00118	109.46	1.9154
Stddev	.00058	.00112	.0149	.00365	.00170	.29	.0012
%RSD	.84430	3.2295	.36363	4.1978	144.18	.26662	.06149

#1	.06890	-.03341	4.1020	.09015	.00284	109.17	1.9156
#2	.06942	-.03524	4.0907	.08294	.00126	109.45	1.9141
#3	.06826	-.03544	4.1203	.08751	-.00056	109.76	1.9164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01082	.01223	141.08	.18017	.15491	.98779	220.90
Stddev	.00022	.00004	.15	.00051	.00094	.00223	.48
%RSD	2.0445	.34032	.10876	.28396	.60838	.22572	.21525

#1	-.01067	.01226	141.21	.18050	.15409	.98759	221.34
#2	-.01107	.01224	140.91	.17958	.15471	.99011	220.96
#3	-.01071	.01218	141.12	.18043	.15594	.98566	220.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8707	79.702	.25063	-.03559	2.7231	.39223	3.1564
Stddev	.0042	.200	.00104	.00059	.0094	.00030	.0135
%RSD	.10830	.25089	.41351	1.6595	.34345	.07549	.42617

#1	3.8704	79.705	.25048	-.03490	2.7298	.39236	3.1554
#2	3.8667	79.501	.24967	-.03596	2.7124	.39243	3.1434
#3	3.8751	79.901	.25173	-.03590	2.7270	.39189	3.1703

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.291	.03151	.05817	F 11.477	3.7219	.15303	8.2298
Stddev	.091	.00024	.00812	.059	.0598	.00089	.0476
%RSD	.17465	.77023	13.964	.51532	1.6075	.58461	.57882

#1	52.383	.03143	.04882	11.432	3.7746	.15230	8.2417
#2	52.291	.03132	.06349	11.456	3.7342	.15275	8.2703
#3	52.200	.03179	.06219	11.544	3.6568	.15402	8.1773

Sample Name: K2153-25 Acquired: 3/29/2019 18:20:58 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21931	F 23.31	.18166	<.00000	F<.00000
Stddev	.00121	.10	.00177	.73303	2.4385
%RSD	.55022	.4157	.97635	3.0642	.35879
#1	.21935	23.30	.18314	-24.421	-682.42
#2	.22049	23.22	.17970	-24.265	-678.62
#3	.21808	23.41	.18214	-23.081	-677.87
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4315.4	48058.	4041.2	39.467	3347.1
Stddev	8.4	5.	11.6	1.317	15.3
%RSD	.19365	.00960	.28799	3.3369	.45843
#1	4306.4	48053.	4029.2	37.993	3343.0
#2	4316.6	48057.	4042.0	39.881	3364.1
#3	4323.0	48063.	4052.4	40.527	3334.2

Sample Name: K2115-01 Acquired: 3/29/2019 18:25:17 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11977	.00180	.01241	.02040	-.00503	-.26210	.05928
Stddev	.00282	.00047	.00182	.00542	.00126	.00634	.00067
%RSD	2.3512	26.027	14.630	26.580	25.032	2.4170	1.1364

#1	.11714	.00162	.01411	.02653	-.00367	-.26118	.05851
#2	.11944	.00233	.01264	.01840	-.00615	-.25627	.05963
#3	.12274	.00145	.01050	.01626	-.00527	-.26884	.05972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	-.00062	287.99	-.00611	.00145	.02152	26.038
Stddev	.00007	.00006	4.64	.00068	.00029	.00013	.189
%RSD	3.4661	9.6006	1.6114	11.067	20.296	.59577	.72582

#1	-.00201	-.00058	292.07	-.00554	.00170	.02160	25.886
#2	-.00215	-.00059	282.94	-.00594	.00113	.02137	25.979
#3	-.00204	-.00069	288.97	-.00686	.00154	.02158	26.249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3295	73.903	-.00795	-.00778	163.05	-.00561	.09797
Stddev	.0235	.349	.00019	.00057	1.04	.00002	.00024
%RSD	.70488	.47234	2.4018	7.2712	.63787	.42719	.24196

#1	3.3093	73.541	-.00775	-.00733	161.86	-.00561	.09777
#2	3.3241	73.932	-.00797	-.00761	163.76	-.00564	.09791
#3	3.3552	74.237	-.00813	-.00842	163.55	-.00559	.09823

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.730	.00165	.96682	F 70.546	F 23.622	-.02721	-.00445
Stddev	.149	.00057	.02698	.263	.389	.00106	.00342
%RSD	.44057	34.480	2.7908	.37330	1.6481	3.8870	76.874

#1	33.575	.00116	.99576	70.421	23.969	-.02827	-.00182
#2	33.746	.00151	.96237	70.369	23.201	-.02615	-.00321
#3	33.871	.00228	.94235	70.849	23.694	-.02721	-.00832

Sample Name: K2115-01 Acquired: 3/29/2019 18:25:17 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01354	4.945	1.6470	7.8255	F<.00000
Stddev	.00139	.012	.0235	1.7900	.33763
%RSD	10.295	.2324	1.4246	22.874	3.9602

#1	.01514	4.934	1.6696	6.0127	-8.6435
#2	.01257	4.945	1.6228	7.8721	-8.1447
#3	.01292	4.957	1.6487	9.5918	-8.7883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.5	35533.	2937.5	41.808	3404.1
Stddev	8.9	276.	43.7	1.062	9.0
%RSD	.28065	.77735	1.4866	2.5411	.26408

#1	3177.5	35841.	2901.6	41.433	3405.3
#2	3173.5	35454.	2986.1	40.984	3412.4
#3	3160.5	35306.	2924.8	43.008	3394.6

Sample Name: K2115-01DUP Acquired: 3/29/2019 18:29:37 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30SD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11832	.00209	.01028	.02519	-.00316	-.26934	.05857
Stddev	.00548	.00116	.00150	.00489	.00062	.01472	.00150
%RSD	4.6346	55.646	14.620	19.395	19.583	5.4647	2.5653

#1	.11216	.00286	.00941	.02862	-.00255	-.28311	.05693
#2	.12268	.00075	.00941	.01960	-.00316	-.27108	.05892
#3	.12013	.00266	.01202	.02735	-.00378	-.25383	.05987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	-.00068	281.27	-.00618	.00151	.02113	25.456
Stddev	.00002	.00005	1.99	.00017	.00015	.00051	.156
%RSD	1.2321	7.4467	.70608	2.7631	10.168	2.3929	.61211

#1	-.00198	-.00063	280.00	-.00638	.00167	.02054	25.277
#2	-.00201	-.00073	280.24	-.00607	.00151	.02139	25.559
#3	-.00196	-.00068	283.55	-.00609	.00136	.02144	25.533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2521	72.757	-.00882	-.00862	160.93	-.00538	.09465
Stddev	.0187	.636	.00012	.00074	.68	.00025	.00168
%RSD	.57339	.87372	1.3283	8.5635	.42430	4.5837	1.7726

#1	3.2307	72.375	-.00870	-.00940	160.17	-.00516	.09397
#2	3.2606	72.406	-.00893	-.00793	161.49	-.00534	.09343
#3	3.2650	73.491	-.00882	-.00852	161.13	-.00565	.09657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.137	.00150	.93409	F 70.031	F 22.828	-.02771	-.00748
Stddev	.152	.00032	.02292	1.025	.166	.00029	.00423
%RSD	.45839	21.300	2.4540	1.4640	.72515	1.0421	56.528

#1	32.964	.00146	.94682	69.249	22.762	-.02759	-.00750
#2	33.250	.00120	.94782	69.653	22.706	-.02751	-.00324
#3	33.197	.00184	.90763	71.192	23.016	-.02804	-.01170

Sample Name: K2115-01DUP Acquired: 3/29/2019 18:29:37 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30SD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01320	4.918	1.6088	5.2438	F<.00000
Stddev	.00042	.079	.0098	1.1605	1.0216
%RSD	3.2184	1.596	.60715	22.132	9.4658

#1	.01316	4.862	1.6052	6.5764	-11.514
#2	.01280	4.884	1.6014	4.6996	-11.242
#3	.01364	5.007	1.6199	4.4553	-9.6238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.0	36300.	3030.9	43.159	3414.1
Stddev	31.8	252.	29.3	1.121	47.8
%RSD	.99704	.69475	.96786	2.5978	1.4003

#1	3199.1	36574.	3045.5	43.390	3441.8
#2	3212.7	36250.	3050.1	41.941	3441.5
#3	3152.1	36077.	2997.2	44.147	3358.9

Sample Name: K2115-01LX5 Acquired: 3/29/2019 18:33:56 Type: Unk
Method: P4-ICP2(v3000) 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	.02725	.00153	.00199	.00827	-.00327	-.06189	.01313	-.00037
Stddev	.00237	.00186	.00098	.00172	.00057	.00090	.00042	.00004
%RSD	8.6908	121.61	49.125	20.746	17.508	1.4539	3.1834	10.789
#1	.02847	-.00033	.00164	.00878	-.00261	-.06111	.01300	-.00041
#2	.02877	.00338	.00123	.00968	-.00352	-.06169	.01360	-.00034
#3	.02452	.00154	.00309	.00636	-.00367	-.06288	.01279	-.00036
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	60.979	-.00133	.00035	.00443	5.4468	.69950	14.945
Stddev	.00006	.193	.00038	.00021	.00021	.0292	.00095	.154
%RSD	64.515	.31656	28.948	60.265	4.7536	.53601	.13635	1.0318
#1	-.00011	60.771	-.00165	.00048	.00445	5.4539	.69883	14.930
#2	-.00003	61.152	-.00142	.00011	.00421	5.4717	.70059	15.106
#3	-.00015	61.014	-.00090	.00045	.00463	5.4147	.69907	14.799
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	-.00142	31.594	-.00055	.02152	6.6137	.00049	.18519
Stddev	.00016	.00021	.146	.00062	.00066	.0812	.00035	.01841
%RSD	5.1959	14.942	.46299	112.30	3.0825	1.2272	71.182	9.9413
#1	-.00295	-.00132	31.758	-.00126	.02217	6.6545	.00016	.18907
#2	-.00322	-.00127	31.547	-.00027	.02155	6.6664	.00045	.16515
#3	-.00323	-.00166	31.477	-.00013	.02084	6.5202	.00085	.20135
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.759	5.0328	-.00664	.00018	.00057	.9760	.33731	5.6158
Stddev	.116	.0077	.00080	.00556	.00195	.0079	.00042	.3668
%RSD	.84650	.15336	12.102	3035.4	339.84	.8113	.12552	6.5323
#1	13.892	5.0412	-.00584	.00555	-.00102	.9850	.33763	6.0383
#2	13.707	5.0311	-.00745	-.00555	.00274	.9701	.33683	5.3783
#3	13.677	5.0260	-.00665	.00055	-.00001	.9728	.33747	5.4309

Sample Name: K2115-01LX5 Acquired: 3/29/2019 18:33:56 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.08661
Stddev	1.1124
%RSD	1284.3

#1	-1.1070
#2	1.0944
#3	.27238

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.4	37043.	2967.5	43.523	3726.1
Stddev	3.8	155.	6.0	1.519	27.0
%RSD	.11246	.41911	.20373	3.4889	.72497

#1	3357.0	36893.	2974.5	44.726	3694.9
#2	3363.6	37033.	2964.7	44.025	3743.0
#3	3363.5	37203.	2963.4	41.817	3740.3

Sample Name: K2115-01MS Acquired: 3/29/2019 18:38:18 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30SM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95521	1.9762	.99736	2.1361	.84786	1.9064	.26949
Stddev	.00085	.0031	.00220	.0118	.00163	.0229	.00072
%RSD	.08858	.15496	.22017	.55397	.19265	1.2009	.26701

#1	.95517	1.9750	.99575	2.1345	.84821	1.8985	.26899
#2	.95607	1.9797	.99986	2.1487	.84930	1.8884	.26916
#3	.95438	1.9740	.99646	2.1251	.84609	1.9322	.27031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21838	.19747	280.15	.40715	.20353	.33291	27.997
Stddev	.00052	.00037	3.08	.00205	.00026	.00091	.097
%RSD	.23826	.18900	1.1003	.50357	.12756	.27348	.34511

#1	.21829	.19742	279.56	.40945	.20348	.33324	28.012
#2	.21894	.19787	283.48	.40649	.20331	.33361	28.086
#3	.21791	.19713	277.40	.40551	.20382	.33188	27.894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3745	72.648	.49292	.06855	159.49	.31239	.29870
Stddev	.0092	.518	.00084	.00028	1.00	.00031	.00058
%RSD	.27117	.71340	.17087	.40597	.62833	.09878	.19405

#1	3.3752	72.242	.49295	.06824	159.61	.31211	.29828
#2	3.3833	72.471	.49375	.06866	160.43	.31272	.29936
#3	3.3650	73.232	.49206	.06877	158.43	.31234	.29846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.334	.41015	1.1936	F 67.941	F 23.695	.67792	.19811
Stddev	.217	.00158	.0254	.121	.110	.00361	.00213
%RSD	.50108	.38436	2.1268	.17822	.46328	.53229	1.0768

#1	43.283	.40833	1.1842	67.822	23.667	.67562	.19907
#2	43.572	.41114	1.1743	67.939	23.816	.68208	.19567
#3	43.147	.41098	1.2224	68.064	23.602	.67606	.19960

Sample Name: K2115-01MS Acquired: 3/29/2019 18:38:18 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30SM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22856	F 10.93	1.7923	11.184	F<.00000
Stddev	.00167	.02	.0202	.636	1.3356
%RSD	.73068	.1828	1.1250	5.6871	7.4350
#1	.22707	10.91	1.7879	11.833	-16.700
#2	.23037	10.94	1.8143	10.562	-17.831
#3	.22824	10.93	1.7747	11.158	-19.361
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.9	36152.	2948.4	41.689	3426.5
Stddev	2.2	87.	20.2	.241	2.3
%RSD	.06735	.24199	.68399	.57811	.06788
#1	3215.9	36106.	2949.0	41.957	3424.1
#2	3213.8	36097.	2927.9	41.617	3426.8
#3	3218.1	36253.	2968.3	41.492	3428.7

Sample Name: CCV07 Acquired: 3/29/2019 18:42:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14782 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1406	5.1233	5.0483	5.1209	5.1622	10.288	10.192	.26211
Stddev	.0023	.0101	.0205	.0036	.0248	.042	.026	.00074
%RSD	.04412	.19651	.40691	.07003	.48038	.40699	.25859	.28253
#1	5.1431	5.1308	5.0410	5.1219	5.1725	10.295	10.215	.26218
#2	5.1387	5.1118	5.0323	5.1239	5.1339	10.327	10.197	.26282
#3	5.1399	5.1272	5.0714	5.1170	5.1801	10.244	10.163	.26134
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5095	25.713	1.0295	2.5345	1.3061	5.1323	2.6124	25.699
Stddev	.0092	.073	.0010	.0084	.0024	.0039	.0049	.154
%RSD	.36635	.28556	.09194	.33057	.18586	.07606	.18652	.60052
#1	2.5033	25.628	1.0284	2.5282	1.3085	5.1353	2.6145	25.819
#2	2.5052	25.748	1.0302	2.5312	1.3061	5.1337	2.6158	25.525
#3	2.5201	25.762	1.0298	2.5440	1.3036	5.1279	2.6068	25.753
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5279	1.2758	24.604	2.5663	2.5463	25.806	5.1723	5.1447
Stddev	.0074	.0012	.030	.0047	.0062	.019	.0025	.0437
%RSD	.29327	.09258	.12210	.18328	.24419	.07463	.04797	.84852
#1	2.5264	1.2769	24.631	2.5715	2.5441	25.811	5.1699	5.1476
#2	2.5214	1.2758	24.572	2.5652	2.5414	25.822	5.1720	5.1867
#3	2.5360	1.2746	24.610	2.5622	2.5533	25.784	5.1749	5.0996
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0877	5.3409	5.0589	5.1485	5.0621	5.068	5.2227	F 8.1181
Stddev	.0168	.0233	.0143	.0074	.0168	.009	.0156	.3187
%RSD	.33043	.43530	.28259	.14295	.33165	.1765	.29791	3.9256
#1	5.0810	5.3145	5.0616	5.1401	5.0427	5.075	5.2049	8.0230
#2	5.0752	5.3499	5.0435	5.1515	5.0720	5.058	5.2295	8.4735
#3	5.1068	5.3583	5.0717	5.1538	5.0715	5.071	5.2336	7.8577

Sample Name: CCV07 Acquired: 3/29/2019 18:42:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14782 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9953
Stddev .3598
%RSD 12.011

#1 3.3265
#2 2.6125
#3 3.0469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.6	36296.	2904.4	40.449	3584.2
Stddev	10.6	152.	9.2	1.326	7.0
%RSD	.31736	.41972	.31686	3.2777	.19567

#1	3328.8	36211.	2910.7	38.954	3579.5
#2	3343.4	36206.	2893.9	40.909	3592.2
#3	3349.5	36472.	2908.6	41.483	3580.8

Sample Name: CCB07 Acquired: 3/29/2019 18:46:22 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14782 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	.00186	-.00006	.00283	-.00123	-.01106	.00438	.00003
Stddev	.00259	.00076	.00038	.00378	.00145	.00657	.00038	.00005
%RSD	156.15	41.002	642.99	133.80	117.67	59.459	8.6590	158.39
#1	.00436	.00256	.00002	.00118	-.00210	-.00377	.00444	-.00002
#2	-.00081	.00105	.00027	.00715	-.00204	-.01655	.00397	.00004
#3	.00142	.00198	-.00047	.00015	.00044	-.01285	.00472	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01203	-.00023	.00002	-.00196	.00125	.00026	-.06808
Stddev	.00003	.02544	.00049	.00021	.00021	.00086	.00004	.09740
%RSD	75.307	211.44	216.72	903.00	10.790	68.735	17.378	143.06
#1	.00007	.00612	-.00004	.00004	-.00182	.00146	.00025	-.15166
#2	.00002	-.00111	.00014	.00023	-.00220	.00031	.00022	-.09145
#3	.00002	-.04111	-.00078	-.00020	-.00185	.00198	.00031	.03888
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.00003	-.05171	.00006	.00048	.05624	.00046	F .03516
Stddev	.00034	.00024	.00128	.00047	.00021	.02851	.00009	.01337
%RSD	32.620	752.38	2.4683	755.53	44.274	50.683	18.813	38.042
#1	-.00115	.00025	-.05155	.00056	.00063	.03241	.00042	.02274
#2	-.00132	.00007	-.05307	-.00038	.00057	.04850	.00056	.03341
#3	-.00066	-.00023	-.05053	.00001	.00024	.08782	.00040	.04932
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00517	.00914	.00003	.00129	-.00293	.0008	.00003	F 4.4670
Stddev	.00036	.00072	.00078	.00334	.00081	.0015	.00012	.6103
%RSD	6.9581	7.8347	2810.5	259.58	27.553	190.2	396.02	13.662
#1	.00536	.00965	.00088	-.00069	-.00274	.0024	.00004	3.7625
#2	.00539	.00946	-.00064	-.00059	-.00381	-.0005	-.00009	4.8069
#3	.00475	.00832	-.00016	.00514	-.00223	.0005	.00015	4.8317

Sample Name: CCB07 Acquired: 3/29/2019 18:46:22 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14782 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .88886
Stddev	.41542
%RSD	46.736

#1	1.2571
#2	.43850
#3	.97103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.5	37872.	2987.7	44.244	3989.0
Stddev	5.4	122.	15.3	1.376	12.6
%RSD	.15511	.32111	.51246	3.1105	.31574

#1	3497.1	37742.	2970.0	43.475	3974.9
#2	3502.4	37890.	2997.4	43.425	3992.9
#3	3507.9	37983.	2995.7	45.833	3999.2

Sample Name: K2115-01MSD Acquired: 3/29/2019 18:50:51 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30SM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99558	2.0369	1.0278	2.2176	.87487	1.9614	.27647
Stddev	.00229	.0075	.0005	.0046	.00183	.0303	.00147
%RSD	.22990	.36592	.04728	.20868	.20941	1.5455	.52992

#1	.99792	2.0420	1.0276	2.2228	.87302	1.9299	.27590
#2	.99548	2.0404	1.0284	2.2161	.87490	1.9903	.27813
#3	.99335	2.0284	1.0275	2.2139	.87668	1.9641	.27538

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22617	.20400	291.03	.42048	.21092	.34397	28.936
Stddev	.00043	.00078	1.22	.00143	.00060	.00075	.087
%RSD	.18949	.38160	.42053	.33892	.28382	.21785	.30114

#1	.22647	.20443	292.42	.42210	.21157	.34476	29.004
#2	.22636	.20446	290.12	.41990	.21039	.34388	28.968
#3	.22568	.20310	290.56	.41943	.21080	.34327	28.838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4860	74.225	.50889	.07038	164.26	.32317	.30758
Stddev	.0062	.827	.00211	.00109	1.07	.00122	.00043
%RSD	.17791	1.1144	.41379	1.5523	.65397	.37738	.14025

#1	3.4889	73.720	.51120	.06981	164.23	.32247	.30804
#2	3.4902	75.180	.50837	.06968	165.35	.32246	.30753
#3	3.4789	73.776	.50709	.07163	163.20	.32458	.30718

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.628	.42299	1.2237	F 69.930	F 24.728	.70087	.20085
Stddev	.353	.00017	.0119	.065	.231	.00340	.00305
%RSD	.79199	.04128	.97497	.09245	.93249	.48493	1.5207

#1	44.485	.42297	1.2201	69.919	24.924	.70315	.20370
#2	45.031	.42318	1.2370	70.000	24.474	.70251	.19762
#3	44.368	.42283	1.2140	69.872	24.785	.69697	.20123

Sample Name: K2115-01MSD Acquired: 3/29/2019 18:50:51 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30SM Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23913	F 11.30	1.8586	9.0751	F<.00000
Stddev	.00199	.03	.0062	.4283	1.1301
%RSD	.83011	.2510	.33438	4.7192	5.6680
#1	.23807	11.33	1.8654	9.0220	-18.635
#2	.23790	11.30	1.8532	8.6758	-20.531
#3	.24142	11.27	1.8571	9.5274	-20.649
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.1	36059.	2912.5	41.185	3413.4
Stddev	5.9	98.	22.2	1.167	5.8
%RSD	.18385	.27086	.76270	2.8324	.16865
#1	3209.9	36089.	2894.5	40.470	3416.5
#2	3199.7	35950.	2937.3	42.531	3406.7
#3	3199.7	36138.	2905.7	40.553	3416.9

Sample Name: K2115-01A Acquired: 3/29/2019 18:54:57 Type: Unk
Method: P4-ICP2(v3000) 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	.96867	1.9900	.99877	2.1662	.85493	1.9265	.27116
Stddev	.00522	.0041	.00185	.0033	.00181	.0147	.00102
%RSD	.53861	.20776	.18535	.15208	.21140	.76173	.37484

#1	.96337	1.9853	1.0009	2.1688	.85318	1.9433	.27008
#2	.96885	1.9915	.99780	2.1625	.85480	1.9162	.27210
#3	.97380	1.9931	.99761	2.1674	.85679	1.9200	.27129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22020	.19841	282.14	.40888	.20558	.33529	28.258
Stddev	.00035	.00068	1.69	.00301	.00085	.00044	.092
%RSD	.15788	.34395	.60042	.73676	.41221	.13012	.32419

#1	.22030	.19913	282.47	.40766	.20605	.33516	28.278
#2	.21981	.19778	280.30	.41232	.20460	.33577	28.158
#3	.22048	.19832	283.64	.40668	.20609	.33493	28.338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4011	73.143	.49890	.06936	161.13	.31470	.29992
Stddev	.0071	.245	.00228	.00130	1.36	.00171	.00048
%RSD	.20851	.33427	.45640	1.8732	.84676	.54358	.15909

#1	3.4020	72.892	.50114	.07002	161.61	.31370	.29946
#2	3.3936	73.380	.49658	.06787	159.59	.31372	.29990
#3	3.4077	73.158	.49898	.07020	162.19	.31667	.30041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.757	.41203	1.2387	F 68.314	F 23.827	.67903	.20141
Stddev	.269	.00083	.0118	.180	.071	.00250	.00399
%RSD	.61411	.20045	.95669	.26324	.29895	.36779	1.9829

#1	43.769	.41109	1.2250	68.136	23.861	.68188	.19690
#2	43.483	.41237	1.2458	68.495	23.745	.67723	.20280
#3	44.020	.41264	1.2453	68.312	23.874	.67797	.20452

Sample Name: K2115-01A Acquired: 3/29/2019 18:54:57 Type: Unk
Method: P4-ICP2(v3000) 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	.23290	F 11.05	1.8009	8.8528	F<.00000
Stddev	.00092	.02	.0186	.9798	1.1032
%RSD	.39656	.1523	1.0310	11.067	5.9370
#1	.23185	11.04	1.8054	7.7321	-18.504
#2	.23360	11.07	1.7805	9.2791	-19.721
#3	.23325	11.06	1.8168	9.5472	-17.519
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.9	36415.	2979.9	42.526	3460.5
Stddev	6.1	77.	9.5	1.112	7.3
%RSD	.18683	.21201	.31778	2.6154	.21192
#1	3251.7	36453.	2986.0	43.154	3467.9
#2	3240.1	36466.	2984.7	41.242	3460.2
#3	3243.0	36326.	2969.0	43.182	3453.3

Sample Name: K2115-02 Acquired: 3/29/2019 18:59:04 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW30D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06264	.00226	.01028	.01332	-.00279	.53618	.07907	-.00024
Stddev	.00309	.00077	.00091	.00167	.00126	.01041	.00006	.00003
%RSD	4.9385	33.811	8.8080	12.521	45.118	1.9412	.07606	11.901

#1	.06428	.00205	.00923	.01153	-.00395	.54755	.07913	-.00020
#2	.05907	.00311	.01082	.01483	-.00145	.53385	.07901	-.00024
#3	.06457	.00162	.01078	.01360	-.00298	.52713	.07906	-.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	60.782	.01173	.00268	.00621	6.1750	.39619	20.928
Stddev	.00006	.211	.00103	.00016	.00027	.0229	.00152	.133
%RSD	64.497	.34726	8.7746	6.0469	4.3039	.37069	.38421	.63665

#1	.00015	60.547	.01054	.00266	.00651	6.1577	.39533	20.913
#2	.00005	60.956	.01227	.00253	.00611	6.2010	.39795	20.803
#3	.00006	60.844	.01237	.00285	.00600	6.1663	.39529	21.068

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00996	-.00169	F 1859.8	.04662	.08394	48.622	.00120	.58906
Stddev	.00036	.00083	24.1	.00104	.00039	.257	.00021	.02010
%RSD	3.6511	48.943	1.2972	2.2258	.46906	.52851	17.247	3.4117

#1	.00970	-.00082	1883.8	.04543	.08418	48.325	.00121	.56588
#2	.01038	-.00178	1860.1	.04734	.08415	48.777	.00140	.59961
#3	.00980	-.00246	1835.5	.04708	.08349	48.764	.00098	.60168

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.780	8.0147	-.03405	.04730	-.00581	F 23.27	.33691	11.454
Stddev	.317	.0477	.00108	.00121	.00080	.05	.00199	1.057
%RSD	.33460	.59543	3.1622	2.5591	13.832	.2075	.58994	9.2287

#1	94.414	8.0383	-.03311	.04631	-.00673	23.21	.33497	10.824
#2	94.972	8.0461	-.03381	.04693	-.00540	23.31	.33894	12.674
#3	94.954	7.9598	-.03522	.04865	-.00529	23.28	.33682	10.863

Sample Name: K2115-02 Acquired: 3/29/2019 18:59:04 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: QNWP8-MW30D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7717
Stddev	.6340
%RSD	10.984

#1	5.0397
#2	6.1344
#3	6.1411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.2	34875.	3086.3	43.380	3145.5
Stddev	2.1	127.	24.7	1.607	11.4
%RSD	.06775	.36492	.79928	3.7047	.36114

#1	3111.4	34857.	3078.8	44.913	3152.7
#2	3108.9	34758.	3066.3	41.708	3132.4
#3	3113.1	35011.	3113.9	43.519	3151.4

Sample Name: K2115-03 Acquired: 3/29/2019 19:03:33 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW26S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02626	.00221	.07412	.01625	-.00440	3.6673	.15646	.00002
Stddev	.00563	.00030	.00087	.00544	.00152	.0403	.00093	.00008
%RSD	21.419	13.617	1.1723	33.475	34.633	1.0989	.59123	444.79
#1	.02047	.00250	.07468	.02209	-.00435	3.6993	.15671	-.00007
#2	.03171	.00224	.07312	.01132	-.00290	3.6221	.15544	.00009
#3	.02661	.00190	.07457	.01535	-.00594	3.6805	.15724	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	133.93	.02351	.00471	.06778	5.3130	.55060	107.43
Stddev	.00011	.51	.00037	.00011	.00076	.0162	.00108	.81
%RSD	33.007	.37796	1.5760	2.3920	1.1244	.30431	.19669	.75140
#1	.00022	133.58	.02309	.00480	.06862	5.2945	.54980	108.28
#2	.00038	134.51	.02373	.00475	.06758	5.3245	.55016	106.68
#3	.00043	133.71	.02373	.00458	.06714	5.3199	.55183	107.32
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01193	-.00388	F 2436.4	.04228	.40616	94.355	.00060	.90916
Stddev	.00063	.00164	36.8	.00017	.00167	.485	.00015	.03495
%RSD	5.3026	42.119	1.5089	.40144	.41107	.51386	25.577	3.8442
#1	.01122	-.00229	2476.3	.04226	.40554	94.913	.00043	.94435
#2	.01241	-.00556	2428.8	.04246	.40805	94.107	.00066	.90867
#3	.01217	-.00380	2404.0	.04213	.40489	94.044	.00072	.87446
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 646.37	F 16.436	-.23592	.20741	.03088	8.782	1.0876	12.456
Stddev	1.04	.125	.00206	.00081	.00040	.028	.0034	.809
%RSD	.16057	.76210	.87267	.38839	1.3112	.3188	.31134	6.4939
#1	645.43	16.311	-.23412	.20666	.03078	8.752	1.0873	13.185
#2	647.48	16.561	-.23817	.20826	.03053	8.808	1.0911	11.586
#3	646.20	16.435	-.23547	.20731	.03133	8.786	1.0844	12.599

Sample Name: K2115-03 Acquired: 3/29/2019 19:03:33 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: QNWP8-MW26S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.3921
Stddev	1.0693
%RSD	12.742

#1	8.7691
#2	7.1853
#3	9.2218

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3003.7	33545.	3046.6	41.869	2922.3
Stddev	10.3	47.	16.1	.710	3.7
%RSD	.34319	.14093	.52986	1.6947	.12830

#1	2992.1	33491.	3063.0	42.688	2922.0
#2	3011.8	33580.	3030.8	41.476	2918.7
#3	3007.1	33563.	3046.1	41.443	2926.2

Sample Name: K2115-04 Acquired: 3/29/2019 19:08:00 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-EQUIP. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	.00286	-.00352	.00138	-.00186	.00498	.00379	.00007
Stddev	.00180	.00054	.00026	.00142	.00053	.00090	.00083	.00006
%RSD	82.575	18.862	7.2852	103.53	28.783	18.082	21.833	94.877

#1	-.00077	.00236	-.00369	-.00019	-.00127	.00598	.00446	.00010
#2	-.00156	.00279	-.00322	.00260	-.00231	.00474	.00287	.00010
#3	-.00420	.00343	-.00365	.00171	-.00200	.00423	.00404	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01845	.00003	.00012	-.00793	-.01995	-.00142	-.15904
Stddev	.00006	.02779	.00035	.00013	.00007	.00023	.00003	.03622
%RSD	209.85	150.65	1126.0	111.28	.90988	1.1675	2.3001	22.777

#1	-.00006	.00750	-.00004	.00025	-.00786	-.02018	-.00144	-.11807
#2	-.00006	-.04777	-.00028	-.00001	-.00793	-.01996	-.00138	-.17227
#3	.00004	-.01507	.00042	.00011	-.00801	-.01972	-.00144	-.18680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00034	1.9902	.00065	.00600	.23032	-.00002	-.01271
Stddev	.00038	.00020	.1116	.00007	.00010	.00692	.00014	.01114
%RSD	49.684	59.356	5.6086	11.302	1.6475	3.0066	912.34	87.673

#1	.00117	.00044	2.0971	.00063	.00609	.23788	.00014	-.02545
#2	.00041	.00048	1.9990	.00074	.00589	.22429	-.00003	-.00479
#3	.00074	.00011	1.8744	.00059	.00603	.22878	-.00015	-.00788

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07423	.00355	-.00342	.00201	-.01333	.0010	-.00009	<.00000
Stddev	.00911	.00110	.00088	.00158	.00103	.0009	.00008	.66829
%RSD	12.275	30.899	25.680	78.708	7.7339	92.64	88.506	140.42

#1	.08111	.00251	-.00344	.00315	-.01439	.0015	-.00018	.28287
#2	.07768	.00470	-.00429	.00268	-.01233	-.0001	-.00003	-.73369
#3	.06389	.00345	-.00254	.00020	-.01328	.0016	-.00006	-.97694

Sample Name: K2115-04 Acquired: 3/29/2019 19:08:00 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: QNWP8-EQUIP. Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .37974
 Stddev .81799
 %RSD 215.41

#1 1.0880
 #2 -.51558
 #3 .56681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.9	40311.	3211.3	47.964	4265.7
Stddev	7.0	243.	21.3	1.153	11.7
%RSD	.19060	.60221	.66247	2.4030	.27466

#1	3697.0	40064.	3201.2	47.875	4279.3
#2	3684.4	40319.	3235.8	49.158	4259.1
#3	3685.3	40549.	3197.0	46.858	4258.9

Sample Name: K2115-06 Acquired: 3/29/2019 19:12:28 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW25S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00346	.00231	.01950	.01068	-.00521	-.17723	.14029	-.00003
Stddev	.00070	.00071	.00202	.00258	.00110	.00510	.00338	.00008
%RSD	20.339	30.560	10.383	24.155	21.075	2.8797	2.4072	230.67
#1	.00351	.00264	.02109	.01200	-.00647	-.17982	.13672	-.00010
#2	.00415	.00279	.01722	.00771	-.00472	-.18052	.14074	.00005
#3	.00274	.00150	.02019	.01233	-.00444	-.17135	.14343	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	195.09	-.00234	-.00020	.00463	2.7288	2.2639	310.35
Stddev	.00001	.61	.00046	.00011	.00053	.0102	.0076	3.17
%RSD	4.8296	.31088	19.641	56.798	11.486	.37377	.33464	1.0223
#1	.00021	195.60	-.00218	-.00009	.00490	2.7171	2.2563	309.54
#2	.00019	195.24	-.00285	-.00019	.00402	2.7357	2.2640	307.66
#3	.00021	194.42	-.00198	-.00031	.00498	2.7337	2.2714	313.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00864	-.00483	F 2189.0	.00104	.04683	143.84	.00026	1.7587
Stddev	.00033	.00057	16.2	.00046	.00015	.67	.00053	.0294
%RSD	3.8357	11.887	.74165	44.333	.32286	.46254	203.31	1.6725
#1	-.00851	-.00520	2204.5	.00095	.04700	143.90	-.00035	1.7738
#2	-.00901	-.00417	2190.5	.00154	.04678	143.15	.00051	1.7248
#3	-.00839	-.00512	2172.1	.00063	.04672	144.48	.00062	1.7774
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 240.26	F 16.686	-.08837	.00145	.09844	2.566	2.2299	14.718
Stddev	1.25	.069	.00073	.00526	.00187	.005	.0109	.243
%RSD	.51873	.41603	.82934	363.76	1.9014	.1947	.48815	1.6495
#1	239.11	16.690	-.08798	-.00365	.09653	2.565	2.2384	14.827
#2	240.10	16.753	-.08921	.00686	.09853	2.572	2.2337	14.440
#3	241.58	16.614	-.08791	.00113	.10027	2.562	2.2176	14.887

Sample Name: K2115-06 Acquired: 3/29/2019 19:12:28 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: QNWP8-MW25S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.1613
Stddev	1.9563
%RSD	21.354

#1	7.8306
#2	8.2458
#3	11.407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.4	32857.	2907.9	40.053	2940.6
Stddev	12.9	153.	10.0	1.385	13.4
%RSD	.43955	.46526	.34393	3.4574	.45736

#1	2942.2	32957.	2912.0	40.644	2948.3
#2	2941.5	32932.	2896.5	38.470	2948.5
#3	2919.5	32681.	2915.2	41.044	2925.1

Sample Name: K2115-07 Acquired: 3/29/2019 19:16:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW25D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01903	.00609	.02151	.01704	-.00268	-.27695	.38024	.00008
Stddev	.00189	.00314	.00135	.00541	.00237	.01776	.00325	.00007
%RSD	9.9547	51.611	6.2750	31.729	88.311	6.4140	.85594	85.456
#1	.01725	.00878	.02007	.01705	-.00211	-.25731	.37990	.00017
#2	.01882	.00264	.02275	.01163	-.00065	-.29190	.38365	.00003
#3	.02102	.00685	.02170	.02244	-.00528	-.28163	.37717	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	195.80	-.00417	.00203	.00488	.51626	1.0904	870.97
Stddev	.00011	.80	.00040	.00024	.00039	.00409	.0085	7.90
%RSD	23.019	.40680	9.5389	11.757	8.0136	.79279	.77778	.90673
#1	.00045	195.19	-.00440	.00201	.00476	.51899	1.0965	872.12
#2	.00041	196.70	-.00440	.00228	.00531	.51824	1.0939	878.24
#3	.00063	195.51	-.00371	.00181	.00455	.51156	1.0807	862.57
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01268	-.00462	F 4323.7	.00899	.10031	559.97	.00043	4.7775
Stddev	.00066	.00066	370.1	.00048	.00030	4.52	.00039	.0749
%RSD	5.1809	14.225	8.5588	5.3888	.30296	.80652	92.089	1.5679
#1	-.01192	-.00524	4718.4	.00910	.10010	562.71	.00056	4.7572
#2	-.01297	-.00393	4268.2	.00941	.10018	562.44	-.00002	4.8605
#3	-.01314	-.00469	3984.6	.00846	.10066	554.76	.00073	4.7149
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 340.39	F 13.748	-.12194	-.00285	.11171	8.290	5.3907	24.084
Stddev	1.26	.028	.00164	.00315	.00094	.032	.0078	1.171
%RSD	.36945	.20395	1.3408	110.73	.84017	.3823	.14530	4.8618
#1	341.74	13.763	-.12074	-.00546	.11278	8.325	5.3819	24.824
#2	340.20	13.716	-.12381	.00066	.11131	8.282	5.3933	24.694
#3	339.24	13.766	-.12128	-.00374	.11103	8.264	5.3969	22.734

Sample Name: K2115-07 Acquired: 3/29/2019 19:16:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: QNWP8-MW25D Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.4681
Stddev	1.6512
%RSD	17.440

#1	11.110
#2	7.8075
#3	9.4869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.0	27603.	2659.4	35.475	2316.1
Stddev	7.7	257.	3.5	.337	7.1
%RSD	.31217	.93228	.13341	.94920	.30626

#1	2450.5	27465.	2656.4	35.862	2307.9
#2	2460.9	27444.	2658.5	35.246	2320.0
#3	2465.5	27900.	2663.3	35.317	2320.4

Sample Name: K2145-01 Acquired: 3/29/2019 19:21:27 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	.00105	.00769	.00191	-.00112	.16998	.00664	-.00002
Stddev	.00098	.00067	.00060	.00198	.00069	.00377	.00033	.00004
%RSD	59.557	63.423	7.7823	103.93	61.863	2.2154	4.9930	194.77

#1	.00056	.00092	.00789	.00002	-.00130	.17387	.00682	-.00005
#2	.00193	.00046	.00817	.00397	-.00170	.16972	.00626	.00002
#3	.00247	.00177	.00702	.00174	-.00035	.16636	.00684	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	2.0013	.00104	-.00001	-.00006	.32522	.00434	.93908
Stddev	.00008	.0206	.00070	.00012	.00015	.00027	.00005	.04679
%RSD	305.63	1.0293	66.989	1667.8	237.99	.08214	1.1708	4.9823

#1	-.00006	2.0223	.00175	.00010	-.00024	.32540	.00429	.99304
#2	.00006	1.9812	.00035	.00002	.00003	.32492	.00439	.90978
#3	-.00008	2.0003	.00102	-.00014	.00002	.32535	.00434	.91443

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00024	9.8112	.00028	.10175	1.5475	-.00002	.01100
Stddev	.00026	.00064	.3916	.00050	.00034	.0244	.00023	.01129
%RSD	18.128	261.39	3.9912	177.93	.33877	1.5734	905.98	102.58

#1	.00122	.00044	10.229	-.00026	.10142	1.5660	.00010	.01687
#2	.00170	-.00036	9.7515	.00039	.10173	1.5567	-.00029	-.00201
#3	.00131	-.00081	9.4530	.00071	.10211	1.5199	.00011	.01814

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30603	1.0884	-.00337	.00165	-.01128	.0192	.00359	<.00000
Stddev	.02117	.0027	.00027	.00624	.00112	.0009	.00017	.41310
%RSD	6.9190	.24371	7.9961	378.01	9.8858	4.686	4.6278	46.582

#1	.32560	1.0911	-.00325	.00408	-.01018	.0182	.00340	-1.1253
#2	.30893	1.0881	-.00368	.00630	-.01125	.0200	.00367	-.40982
#3	.28355	1.0859	-.00319	-.00544	-.01241	.0193	.00371	-1.1253

Sample Name: K2145-01 Acquired: 3/29/2019 19:21:27 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .24243
 Stddev 1.6661
 %RSD 687.23

#1 -.55523
 #2 2.1574
 #3 -.87484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.3	40357.	3226.4	45.820	4143.4
Stddev	8.7	57.	29.8	.732	9.0
%RSD	.23683	.14054	.92349	1.5970	.21645

#1	3663.9	40423.	3197.5	44.979	4148.3
#2	3677.2	40321.	3224.7	46.310	4148.8
#3	3660.9	40328.	3257.0	46.170	4133.0

Sample Name: K1685-10 Acquired: 3/29/2019 19:25:53 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00112	.00649	.00652	-.00119	.20316	.07428	.00010
Stddev	.00287	.00101	.00043	.00149	.00088	.01565	.00135	.00004
%RSD	1645.6	90.333	6.5740	22.928	74.364	7.7057	1.8132	37.973

#1	-.00147	-.00151	.00679	.00757	-.00217	.18604	.07318	.00010
#2	-.00216	-.00189	.00600	.00718	-.00045	.21675	.07387	.00014
#3	.00311	.00003	.00668	.00481	-.00094	.20667	.07578	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	14.010	.00091	.00120	.00186	.19022	.09385	3.1228
Stddev	.00003	.125	.00068	.00015	.00021	.00273	.00090	.0252
%RSD	19.063	.89492	74.797	12.779	11.054	1.4358	.96410	.80598

#1	.00011	13.866	.00052	.00137	.00165	.18791	.09315	3.1129
#2	.00016	14.075	.00051	.00109	.00206	.18951	.09354	3.1514
#3	.00013	14.089	.00169	.00113	.00187	.19324	.09488	3.1041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00003	231.98	-.00001	.03687	1.4428	.00025	.02687
Stddev	.00019	.00088	1.78	.00033	.00017	.0432	.00045	.02069
%RSD	18.741	2764.1	.76904	4966.7	.44795	2.9943	176.89	77.003

#1	.00080	.00070	233.74	.00011	.03669	1.3967	.00073	.01811
#2	.00116	.00022	232.02	-.00038	.03690	1.4824	-.00015	.05051
#3	.00106	-.00102	230.17	.00024	.03701	1.4493	.00017	.01200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54724	.42083	-.00101	.00345	.00074	.0026	.05412	5.9493
Stddev	.00947	.00515	.00075	.00386	.00147	.0016	.00028	1.3892
%RSD	1.7307	1.2232	74.295	111.84	197.44	62.00	.51250	23.351

#1	.55749	.41613	-.00135	-.00082	-.00094	.0016	.05383	5.1584
#2	.54540	.42633	-.00152	.00669	.00147	.0018	.05439	7.5534
#3	.53882	.42002	-.00015	.00448	.00171	.0045	.05414	5.1361

Sample Name: K1685-10 Acquired: 3/29/2019 19:25:53 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0595
 Stddev 1.4685
 %RSD 138.61

#1 -.24426
 #2 2.6504
 #3 .77235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.2	37295.	3111.5	44.729	3585.8
Stddev	4.5	159.	46.8	.892	14.3
%RSD	.13580	.42687	1.5040	1.9940	.39952

#1	3342.2	37443.	3137.2	45.698	3578.0
#2	3350.9	37126.	3057.5	43.943	3602.3
#3	3348.6	37316.	3139.8	44.547	3577.1

Sample Name: K1685-10DUP Acquired: 3/29/2019 19:30:20 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	-.00089	.00624	.00707	-.00094	.18670	.07402	.00009
Stddev	.00049	.00062	.00070	.00217	.00245	.01050	.00173	.00006
%RSD	24.952	69.391	11.235	30.641	260.42	5.6257	2.3366	64.900

#1	-.00140	-.00068	.00698	.00476	-.00317	.18768	.07308	.00003
#2	-.00224	-.00040	.00558	.00742	.00169	.17574	.07297	.00014
#3	-.00226	-.00158	.00617	.00905	-.00134	.19667	.07602	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	14.161	.00102	.00106	.00131	.19030	.09467	3.0208
Stddev	.00003	.020	.00047	.00024	.00064	.00021	.00054	.1133
%RSD	17.049	.14209	45.928	22.454	48.482	.11109	.57324	3.7488

#1	.00019	14.140	.00148	.00125	.00119	.19015	.09527	2.9006
#2	.00014	14.180	.00104	.00079	.00075	.19054	.09422	3.1255
#3	.00018	14.163	.00054	.00113	.00200	.19021	.09452	3.0363

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.00060	257.18	.00005	.03454	1.0943	.00013	.03526
Stddev	.00060	.00107	2.44	.00022	.00007	.0088	.00023	.01159
%RSD	61.923	176.69	.94970	451.62	.19902	.80548	180.77	32.872

#1	.00114	-.00179	254.37	-.00018	.03447	1.0847	-.00010	.03295
#2	.00030	.00029	258.79	.00026	.03460	1.0963	.00035	.02499
#3	.00147	-.00031	258.37	.00007	.03457	1.1020	.00013	.04783

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49464	.43728	-.00055	.00412	-.00085	.0025	.05408	4.5076
Stddev	.00671	.00302	.00091	.00299	.00110	.0010	.00029	.9036
%RSD	1.3562	.69023	165.83	72.601	128.12	39.72	.54265	20.047

#1	.50126	.44064	.00050	.00314	-.00209	.0029	.05389	3.5227
#2	.48784	.43642	-.00100	.00174	-.00002	.0032	.05442	5.2984
#3	.49481	.43479	-.00113	.00748	-.00045	.0014	.05394	4.7015

Sample Name: K1685-10DUP Acquired: 3/29/2019 19:30:20 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5395
Stddev	1.1858
%RSD	33.503

#1	2.9565
#2	4.9040
#3	2.7581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.1	37610.	3073.1	43.224	3623.3
Stddev	13.7	88.	20.5	2.766	12.3
%RSD	.40574	.23507	.66627	6.3999	.34070

#1	3360.7	37710.	3050.2	46.173	3609.3
#2	3370.7	37543.	3079.9	40.686	3632.5
#3	3387.8	37576.	3089.4	42.814	3628.1

Sample Name: CCV08 Acquired: 3/29/2019 19:34:46 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14779 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2432	5.2548	5.0908	5.3130	5.2730	10.470	10.416	.26533
Stddev	.0156	.0131	.0131	.0225	.0109	.097	.038	.00125
%RSD	.29730	.24979	.25803	.42299	.20632	.92854	.36124	.47248
#1	5.2577	5.2583	5.0947	5.3329	5.2830	10.393	10.375	.26446
#2	5.2267	5.2659	5.1015	5.2887	5.2614	10.580	10.424	.26476
#3	5.2450	5.2403	5.0761	5.3176	5.2746	10.438	10.448	.26676
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5623	26.306	1.0609	2.5803	1.3154	5.2686	2.6453	26.275
Stddev	.0046	.136	.0051	.0045	.0023	.0246	.0057	.146
%RSD	.17785	.51594	.48182	.17520	.17482	.46672	.21562	.55531
#1	2.5610	26.232	1.0567	2.5801	1.3180	5.2463	2.6393	26.121
#2	2.5673	26.222	1.0593	2.5849	1.3140	5.2644	2.6460	26.292
#3	2.5585	26.462	1.0666	2.5759	1.3140	5.2950	2.6507	26.411
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6149	1.3007	24.541	2.6496	2.5874	26.104	5.2558	5.2639
Stddev	.0043	.0016	.129	.0076	.0036	.141	.0112	.0171
%RSD	.16368	.12213	.52649	.28848	.13881	.54111	.21346	.32431
#1	2.6116	1.3002	24.593	2.6429	2.5865	25.943	5.2683	5.2442
#2	2.6198	1.3025	24.394	2.6481	2.5913	26.161	5.2466	5.2735
#3	2.6134	1.2995	24.637	2.6580	2.5843	26.207	5.2525	5.2741
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2083	5.2859	5.1889	5.2747	5.1797	5.246	5.2724	F 5.5756
Stddev	.0149	.0435	.0092	.0268	.0377	.009	.0480	.2800
%RSD	.28511	.82250	.17809	.50754	.72824	.1675	.90965	5.0217
#1	5.2143	5.3047	5.1815	5.2689	5.2015	5.242	5.3021	5.5234
#2	5.2193	5.2362	5.1859	5.2513	5.1361	5.257	5.2171	5.8780
#3	5.1914	5.3168	5.1993	5.3039	5.2014	5.241	5.2980	5.3254

Sample Name: CCV08 Acquired: 3/29/2019 19:34:46 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14779 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .32016
Stddev	.99977
%RSD	312.28

#1	-.43159
#2	-.06272
#3	1.4548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.4	37766.	3052.7	43.458	3643.0
Stddev	14.0	80.	24.3	1.435	10.4
%RSD	.41112	.21052	.79507	3.3027	.28567

#1	3401.2	37856.	3033.6	42.367	3635.5
#2	3425.8	37734.	3080.0	45.084	3638.7
#3	3425.2	37707.	3044.4	42.924	3654.9

Sample Name: CCB08 Acquired: 3/29/2019 19:38:44 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14779 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	.00262	-.00154	.00258	.00064	-.00432	.00387	.00010
Stddev	.00020	.00162	.00109	.00271	.00090	.01360	.00055	.00005
%RSD	19.804	61.761	70.671	105.11	141.36	314.85	14.329	53.366
#1	-.00086	.00442	-.00252	.00566	.00107	-.00449	.00325	.00004
#2	-.00123	.00212	-.00037	.00151	.00125	.00937	.00401	.00010
#3	-.00092	.00131	-.00174	.00057	-.00040	-.01783	.00433	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01564	.00073	.00008	-.00005	.00016	.00018	-.05249
Stddev	.00004	.01988	.00058	.00023	.00033	.00064	.00003	.01649
%RSD	74.399	127.16	79.781	292.23	634.22	396.85	18.227	31.411
#1	.00006	-.01950	.00046	.00006	-.00041	-.00015	.00014	-.05899
#2	.00001	.00589	.00033	-.00014	.00026	-.00026	.00019	-.06474
#3	.00009	-.03330	.00139	.00032	-.00001	.00090	.00021	-.03374
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.00060	F 1.8438	.00037	.00016	.24821	.00049	-.00127
Stddev	.00010	.00042	.0160	.00036	.00005	.05248	.00034	.01608
%RSD	12.593	71.212	.86613	97.896	29.373	21.143	69.337	1270.9
#1	-.00078	.00039	1.8329	-.00003	.00021	.28951	.00023	-.00312
#2	-.00084	.00108	1.8365	.00068	.00016	.18916	.00087	.01566
#3	-.00066	.00031	1.8622	.00047	.00012	.26596	.00037	-.01634
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01596	.00164	.00050	.00290	.00263	.0009	.00013	F 2.0192
Stddev	.00265	.00335	.00119	.00322	.00175	.0021	.00010	.3971
%RSD	16.596	204.56	240.27	111.07	66.529	231.8	74.591	19.667
#1	.01834	-.00026	.00167	.00499	.00344	-.0008	.00019	1.8845
#2	.01644	.00551	-.00071	.00452	.00382	.0002	.00018	2.4661
#3	.01311	-.00034	.00053	-.00081	.00062	.0033	.00002	1.7069

Sample Name: CCB08 Acquired: 3/29/2019 19:38:44 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14779 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0095
Stddev 2.3816
%RSD 235.93

#1 2.9346
#2 1.7476
#3 -1.6538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.4	38681.	3043.1	44.489	4007.0
Stddev	4.7	27.	16.8	.940	6.6
%RSD	.13178	.06890	.55051	2.1126	.16459

#1	3544.2	38651.	3026.3	45.358	4001.3
#2	3550.7	38691.	3043.1	44.617	4005.4
#3	3553.3	38702.	3059.8	43.492	4014.2

Sample Name: K1685-10LX5 Acquired: 3/29/2019 19:43:12 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118424BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	.00121	-.00121	.00405	-.00127	.04115	.01787	.00005
Stddev	.00111	.00103	.00019	.00176	.00090	.01974	.00056	.00005
%RSD	92.669	84.484	15.804	43.380	71.025	47.972	3.1087	112.66

#1	.00193	.00233	-.00108	.00219	-.00226	.04955	.01793	.00005
#2	.00173	.00101	-.00113	.00569	-.00107	.05531	.01729	.00009
#3	-.00008	.00030	-.00143	.00427	-.00049	.01860	.01839	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	3.0034	.00029	.00020	-.00119	.04071	.02000	.61472
Stddev	.00007	.0194	.00037	.00018	.00053	.00067	.00027	.04402
%RSD	640.25	.64457	129.77	93.727	44.115	1.6573	1.3647	7.1607

#1	.00008	2.9822	.00018	.00041	-.00097	.04045	.01995	.57780
#2	.00002	3.0077	-.00002	.00008	-.00081	.04021	.02029	.60292
#3	-.00006	3.0201	.00070	.00010	-.00180	.04148	.01975	.66343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00010	57.852	-.00005	.00741	.36806	.00008	.02141
Stddev	.00030	.00023	.113	.00042	.00018	.05715	.00029	.01370
%RSD	68.014	238.21	.19491	883.05	2.4125	15.526	369.28	63.957

#1	-.00069	.00012	57.916	-.00038	.00759	.36060	.00005	.03239
#2	-.00011	-.00034	57.722	-.00020	.00741	.42857	.00038	.00607
#3	-.00051	-.00008	57.919	.00043	.00723	.31501	-.00019	.02578

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10503	.09501	-.00077	.00139	-.00135	.0008	.01129	2.6145
Stddev	.00398	.00150	.00076	.00118	.00201	.0009	.00011	.3687
%RSD	3.7876	1.5741	98.646	84.463	148.47	112.6	.99762	14.103

#1	.10561	.09329	.00003	.00233	.00086	-.0002	.01142	2.3947
#2	.10869	.09587	-.00148	.00007	-.00307	.0014	.01123	3.0401
#3	.10080	.09588	-.00086	.00177	-.00185	.0011	.01121	2.4085

Sample Name: K1685-10LX5 Acquired: 3/29/2019 19:43:12 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118424BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0035
Stddev 1.6295
%RSD 162.38

#1 -.71213
#2 1.1923
#3 2.5304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.2	38663.	3085.2	44.503	3873.9
Stddev	1.7	114.	20.2	.550	16.6
%RSD	.04737	.29521	.65604	1.2369	.42900

#1	3501.8	38536.	3091.1	44.954	3860.5
#2	3502.6	38697.	3101.8	44.665	3868.8
#3	3499.4	38757.	3062.7	43.889	3892.5

Sample Name: K1685-10MS Acquired: 3/29/2019 19:47:42 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86794	2.0573	1.0271	2.2161	.86620	2.4140	.30543
Stddev	.00575	.0076	.0029	.0059	.00550	.0224	.00046
%RSD	.66247	.37105	.28340	.26608	.63489	.92801	.15121

#1	.86616	2.0638	1.0301	2.2100	.86015	2.3982	.30593
#2	.87437	2.0590	1.0243	2.2164	.86753	2.4396	.30502
#3	.86329	2.0489	1.0270	2.2218	.87091	2.4042	.30534

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21757	.21109	16.640	.45048	.21838	.33195	3.5410
Stddev	.00062	.00007	.023	.00100	.00075	.00109	.0032
%RSD	.28342	.03363	.13628	.22178	.34159	.32803	.08925

#1	.21773	.21116	16.649	.44984	.21813	.33104	3.5388
#2	.21688	.21103	16.614	.45163	.21921	.33164	3.5397
#3	.21809	.21106	16.656	.44998	.21778	.33316	3.5446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32339	5.5858	.55056	.07752	304.80	.34872	.25924
Stddev	.00080	.1267	.00100	.00094	1.88	.00218	.00024
%RSD	.24616	2.2675	.18254	1.2066	.61533	.62514	.09308

#1	.32363	5.4897	.55170	.07674	306.93	.34620	.25911
#2	.32251	5.7293	.54982	.07726	304.11	.35001	.25909
#3	.32405	5.5384	.55014	.07856	303.37	.34994	.25952

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.466	.43868	.35435	.50213	1.4389	.73688	.21792
Stddev	.077	.00245	.00571	.00335	.0070	.00161	.00462
%RSD	.61647	.55753	1.6115	.66803	.48446	.21916	2.1180

#1	12.378	.43587	.35783	.50398	1.4321	.73587	.21791
#2	12.501	.43983	.34776	.49826	1.4460	.73602	.22254
#3	12.520	.44033	.35746	.50415	1.4386	.73874	.21331

Sample Name: K1685-10MS Acquired: 3/29/2019 19:47:42 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23113	6.379	.27009	5.9663	F<.00000
Stddev	.00248	.008	.00071	.2114	.99524
%RSD	1.0747	.1261	.26288	3.5435	14.237

#1	.22837	6.388	.27087	6.1093	-7.9551
#2	.23318	6.374	.26994	5.7235	-5.9672
#3	.23184	6.375	.26947	6.0663	-7.0490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.9	37199.	3008.4	42.236	3592.0
Stddev	11.9	82.	17.1	.889	24.9
%RSD	.35382	.21983	.56712	2.1043	.69348

#1	3343.9	37163.	2989.9	41.867	3567.8
#2	3356.3	37141.	3011.6	43.250	3590.5
#3	3367.6	37293.	3023.6	41.592	3617.6

Sample Name: K1685-10MSD Acquired: 3/29/2019 19:51:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87676	2.0710	1.0337	2.2269	.87242	2.4242	.30532
Stddev	.00490	.0092	.0016	.0103	.00830	.0215	.00236
%RSD	.55848	.44652	.15352	.46144	.95144	.88476	.77439

#1	.88210	2.0709	1.0330	2.2386	.88181	2.4121	.30667
#2	.87248	2.0803	1.0355	2.2194	.86604	2.4490	.30669
#3	.87571	2.0618	1.0325	2.2227	.86942	2.4116	.30259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21869	.21237	16.614	.45698	.21999	.33538	3.5776
Stddev	.00045	.00086	.031	.00220	.00035	.00295	.0080
%RSD	.20790	.40370	.18869	.48143	.15859	.87811	.22446

#1	.21875	.21157	16.619	.45487	.21981	.33843	3.5845
#2	.21910	.21328	16.580	.45926	.22039	.33255	3.5794
#3	.21820	.21227	16.642	.45681	.21976	.33517	3.5688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32582	5.6619	.55443	.07772	304.50	.34993	.26121
Stddev	.00044	.1082	.00051	.00061	4.34	.00178	.00043
%RSD	.13413	1.9117	.09274	.78400	1.4241	.50930	.16373

#1	.32544	5.5923	.55386	.07723	308.71	.35197	.26073
#2	.32573	5.7866	.55456	.07840	300.05	.34868	.26155
#3	.32630	5.6068	.55487	.07752	304.74	.34915	.26134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.599	.44325	.32341	.49937	1.4568	.73861	.22122
Stddev	.085	.00340	.01365	.00859	.0096	.00417	.00469
%RSD	.67788	.76749	4.2216	1.7194	.66109	.56445	2.1178

#1	12.692	.44692	.32756	.50499	1.4528	.73380	.21804
#2	12.581	.44020	.30816	.50363	1.4498	.74110	.22660
#3	12.524	.44264	.33451	.48948	1.4678	.74094	.21903

Sample Name: K1685-10MSD Acquired: 3/29/2019 19:51:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23131	6.416	.27099	7.3804	F<.00000
Stddev	.00240	.016	.00045	.5020	.35952
%RSD	1.0386	.2553	.16675	6.8017	6.9731

#1	.23075	6.426	.27147	7.8583	-5.4983
#2	.22924	6.425	.27057	6.8574	-5.1877
#3	.23395	6.397	.27094	7.4256	-4.7814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3336.4	36756.	2958.6	41.472	3582.1
Stddev	12.1	144.	8.4	1.051	13.9
%RSD	.36297	.39258	.28391	2.5341	.38720

#1	3324.6	36590.	2960.6	42.458	3594.7
#2	3348.8	36842.	2965.9	41.592	3567.3
#3	3335.9	36836.	2949.4	40.367	3584.2

Sample Name: K1685-10A Acquired: 3/29/2019 19:56:16 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118424BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87703	2.0715	1.0325	2.2360	.87435	2.4219	.30648
Stddev	.00341	.0026	.0014	.0101	.00558	.0138	.00109
%RSD	.38899	.12498	.13518	.45175	.63788	.57161	.35716

#1	.87353	2.0743	1.0323	2.2385	.86792	2.4062	.30526
#2	.87722	2.0711	1.0340	2.2249	.87790	2.4322	.30739
#3	.88034	2.0691	1.0313	2.2447	.87724	2.4273	.30677

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21930	.21247	16.684	.45408	.22079	.33344	3.5870
Stddev	.00063	.00031	.037	.00163	.00045	.00191	.0044
%RSD	.28741	.14383	.22237	.35935	.20198	.57259	.12167

#1	.22001	.21276	16.690	.45251	.22073	.33323	3.5820
#2	.21909	.21250	16.718	.45576	.22126	.33164	3.5890
#3	.21880	.21216	16.644	.45396	.22038	.33544	3.5901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32697	5.6956	.55541	.07804	307.48	.34951	.26005
Stddev	.00009	.0798	.00081	.00046	2.87	.00214	.00028
%RSD	.02626	1.4016	.14561	.59215	.93491	.61369	.10956

#1	.32695	5.6578	.55594	.07822	305.85	.35199	.26004
#2	.32706	5.6416	.55581	.07751	310.80	.34821	.25977
#3	.32689	5.7873	.55448	.07838	305.80	.34834	.26034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.646	.44206	.34705	.49783	1.4651	.74334	.21641
Stddev	.058	.00158	.01482	.00296	.0066	.00370	.00530
%RSD	.46213	.35753	4.2702	.59401	.45298	.49735	2.4483

#1	12.582	.44119	.36415	.49575	1.4667	.74165	.21033
#2	12.658	.44111	.33805	.49652	1.4577	.74079	.21891
#3	12.697	.44389	.33894	.50122	1.4707	.74758	.22000

Sample Name: K1685-10A Acquired: 3/29/2019 19:56:16 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118424BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23186	6.411	.27261	6.3772	F<.00000
Stddev	.00165	.006	.00045	.2562	.87105
%RSD	.71356	.0961	.16519	4.0179	14.685
#1	.22998	6.417	.27258	6.1082	-6.2309
#2	.23247	6.405	.27307	6.6184	-4.9505
#3	.23311	6.412	.27217	6.4049	-6.6138
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.8	36930.	2975.6	42.592	3589.3
Stddev	12.7	209.	18.0	1.252	25.4
%RSD	.37992	.56463	.60538	2.9401	.70753
#1	3337.9	37088.	2980.9	41.667	3567.7
#2	3351.2	36694.	2955.5	44.017	3583.1
#3	3363.4	37008.	2990.4	42.092	3617.3

Sample Name: K1685-12 Acquired: 3/29/2019 20:00:32 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.00117	.00803	.01016	-.00022	.23010	.11062	.00007
Stddev	.00168	.00140	.00045	.00478	.00088	.01602	.00085	.00002
%RSD	107.37	119.86	5.5522	47.030	399.73	6.9621	.76909	22.036

#1	.00192	-.00104	.00826	.01393	.00065	.21536	.11004	.00007
#2	.00304	.00016	.00751	.00479	-.00020	.22779	.11023	.00006
#3	-.00026	-.00263	.00831	.01178	-.00111	.24715	.11160	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	25.971	.00154	.00129	.00280	.64072	.26261	3.6098
Stddev	.00012	.037	.00025	.00023	.00018	.00679	.00135	.0397
%RSD	79.582	.14066	16.437	18.005	6.3754	1.0598	.51455	1.0996

#1	.00008	25.951	.00161	.00145	.00285	.63617	.26148	3.6460
#2	.00030	25.949	.00175	.00140	.00295	.63746	.26223	3.6159
#3	.00008	26.013	.00126	.00103	.00260	.64852	.26411	3.5674

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00024	280.16	-.00010	.03815	.92228	.00011	.01535
Stddev	.00021	.00060	2.38	.00028	.00004	.03238	.00014	.00625
%RSD	27.599	250.06	.84804	288.70	.10571	3.5105	123.40	40.732

#1	.00052	-.00057	282.74	.00004	.03811	.89512	-.00005	.01880
#2	.00083	.00045	278.06	-.00042	.03819	.91361	.00022	.00813
#3	.00092	-.00061	279.69	.00009	.03815	.95811	.00017	.01912

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71199	.88124	-.00111	.00455	-.00103	.0020	.10117	4.7734
Stddev	.00558	.00495	.00131	.00588	.00162	.0009	.00024	.6355
%RSD	.78317	.56143	118.14	129.39	158.43	45.16	.23801	13.314

#1	.70673	.87984	.00040	.00566	-.00008	.0025	.10143	5.4426
#2	.71141	.87714	-.00190	.00980	-.00009	.0027	.10095	4.6996
#3	.71783	.88674	-.00183	-.00181	-.00290	.0010	.10113	4.1780

Sample Name: K1685-12 Acquired: 3/29/2019 20:00:32 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0656
Stddev	1.0159
%RSD	33.137

#1	2.3741
#2	2.5908
#3	4.2319

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.7	37624.	3082.6	43.775	3614.6
Stddev	9.0	55.	22.7	.867	16.6
%RSD	.26584	.14745	.73599	1.9801	.45853

#1	3369.3	37664.	3069.4	43.792	3610.9
#2	3385.2	37561.	3069.7	44.633	3632.7
#3	3384.5	37647.	3108.8	42.900	3600.2

Sample Name: K1685-14 Acquired: 3/29/2019 20:05:03 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00179	.00666	.00680	-.00186	.17051	.12925	.00006
Stddev	.00144	.00015	.00158	.00314	.00113	.00128	.00226	.00006
%RSD	125.22	8.6262	23.681	46.258	60.700	.74804	1.7457	98.347

#1	.00170	-.00163	.00582	.01021	-.00312	.17124	.12893	.00011
#2	.00224	-.00194	.00569	.00617	-.00096	.17126	.13165	-.00000
#3	-.00048	-.00180	.00849	.00401	-.00149	.16904	.12717	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	44.144	.00102	.00153	.00267	.83696	.25520	6.3571
Stddev	.00005	.225	.00051	.00015	.00046	.00341	.00144	.0830
%RSD	31.015	.51073	49.990	10.149	17.135	.40759	.56330	1.3058

#1	.00011	44.102	.00043	.00136	.00226	.83313	.25683	6.4040
#2	.00020	43.942	.00130	.00167	.00259	.83968	.25466	6.4060
#3	.00019	44.387	.00134	.00155	.00317	.83807	.25411	6.2612

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00123	341.43	.00005	.05673	1.2491	.00010	.02918
Stddev	.00037	.00085	1.96	.00047	.00009	.0194	.00033	.01726
%RSD	71.714	68.900	.57528	876.21	.15273	1.5517	319.70	59.142

#1	.00025	-.00208	343.69	-.00041	.05683	1.2615	-.00026	.04854
#2	.00036	-.00039	340.50	.00052	.05669	1.2591	.00036	.02360
#3	.00094	-.00121	340.10	.00005	.05667	1.2268	.00021	.01540

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83347	1.2080	-.00048	.00318	-.00088	.0051	.14920	5.9437
Stddev	.00485	.0031	.00120	.00410	.00234	.0018	.00046	.5343
%RSD	.58233	.25457	249.42	128.81	266.45	35.67	.31033	8.9886

#1	.83903	1.2056	.00087	-.00073	-.00175	.0030	.14921	6.3454
#2	.83006	1.2115	-.00145	.00744	-.00266	.0060	.14873	6.1483
#3	.83133	1.2070	-.00087	.00283	.00177	.0062	.14965	5.3374

Sample Name: K1685-14 Acquired: 3/29/2019 20:05:03 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-032819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.4699
Stddev	.6265
%RSD	18.055

#1	2.8953
#2	3.3767
#3	4.1378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.8	37337.	3059.0	43.192	3569.9
Stddev	12.0	191.	10.3	.101	13.8
%RSD	.35773	.51097	.33740	.23393	.38570

#1	3334.0	37117.	3050.6	43.175	3554.1
#2	3354.6	37446.	3070.5	43.300	3579.1
#3	3354.9	37449.	3055.9	43.100	3576.7

Sample Name: K1697-14 Acquired: 3/29/2019 20:09:37 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-032719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	-.00238	.00446	.00466	-.00285	.05667	.09451	.00005
Stddev	.00273	.00092	.00093	.00065	.00037	.01222	.00107	.00003
%RSD	172.34	38.491	20.849	13.998	12.796	21.562	1.1340	73.856

#1	-.00142	-.00213	.00339	.00524	-.00244	.04941	.09340	.00008
#2	.00392	-.00161	.00503	.00479	-.00314	.07078	.09554	.00004
#3	.00226	-.00340	.00496	.00395	-.00298	.04982	.09460	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	13.826	.00086	.00406	.00341	.04652	.52944	1.9205
Stddev	.00008	.105	.00028	.00011	.00065	.00076	.00088	.0701
%RSD	79.289	.76042	32.387	2.6815	18.990	1.6407	.16713	3.6482

#1	.00001	13.849	.00100	.00418	.00416	.04705	.53029	1.9724
#2	.00011	13.918	.00105	.00400	.00305	.04686	.52949	1.9484
#3	.00017	13.711	.00054	.00399	.00302	.04564	.52853	1.8408

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	.00015	335.93	-.00072	.01797	1.0405	.00010	.02648
Stddev	.00021	.00040	1.02	.00009	.00016	.0064	.00017	.02230
%RSD	13.076	257.52	.30276	12.079	.89279	.61768	163.59	84.216

#1	.00177	-.00029	336.37	-.00065	.01796	1.0334	.00030	.01741
#2	.00166	.00046	336.65	-.00081	.01813	1.0420	.00002	.01015
#3	.00136	.00029	334.77	-.00070	.01781	1.0460	-.00000	.05189

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18864	.42862	-.00054	.00174	-.00070	.0071	.04717	4.6549
Stddev	.00674	.00187	.00019	.00283	.00135	.0008	.00022	.9375
%RSD	3.5747	.43660	36.075	162.75	192.10	11.29	.45728	20.140

#1	.19634	.43078	-.00056	.00327	-.00197	.0080	.04740	4.9665
#2	.18577	.42766	-.00073	.00348	-.00085	.0065	.04698	3.6013
#3	.18380	.42743	-.00034	-.00153	.00072	.0068	.04712	5.3970

Sample Name: K1697-14 Acquired: 3/29/2019 20:09:37 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-032719 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9202
 Stddev .0721
 %RSD 2.4681

#1 2.9077
 #2 2.9977
 #3 2.8552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.0	37676.	3062.8	42.592	3626.4
Stddev	15.8	158.	12.5	.879	32.3
%RSD	.46358	.41968	.40715	2.0636	.89067

#1	3386.2	37518.	3048.4	41.942	3589.4
#2	3416.1	37677.	3070.5	43.592	3640.7
#3	3409.8	37834.	3069.4	42.242	3649.1

Sample Name: K1697-16 Acquired: 3/29/2019 20:14:12 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-032719 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00187	.00686	.00447	-.00130	.13612	.09585	.00003
Stddev	.00323	.00153	.00090	.00387	.00033	.01131	.00035	.00010
%RSD	218.24	81.965	13.135	86.636	25.704	8.3088	.36916	281.53

#1	-.00149	-.00254	.00598	.00096	-.00094	.13216	.09575	.00007
#2	.00101	-.00012	.00778	.00863	-.00137	.14888	.09555	-.00008
#3	.00492	-.00296	.00682	.00382	-.00160	.12732	.09624	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	9.9565	.00115	.00366	.00271	.11751	.52159	1.7679
Stddev	.00003	.0845	.00062	.00007	.00056	.00164	.00199	.0914
%RSD	25.741	.84877	54.232	1.7833	20.707	1.3914	.38186	5.1714

#1	.00009	9.8648	.00088	.00373	.00211	.11901	.51939	1.6907
#2	.00015	9.9732	.00071	.00363	.00279	.11776	.52326	1.7441
#3	.00011	10.031	.00186	.00361	.00323	.11577	.52213	1.8689

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00025	347.28	-.00076	.01378	.59849	.00013	.03185
Stddev	.00056	.00070	1.69	.00017	.00015	.02128	.00018	.00499
%RSD	62.386	275.66	.48696	22.379	1.0606	3.5563	138.74	15.670

#1	.00086	-.00001	349.17	-.00091	.01378	.57986	.00004	.02614
#2	.00035	.00029	345.90	-.00057	.01392	.59393	.00001	.03536
#3	.00147	-.00104	346.78	-.00079	.01363	.62169	.00033	.03406

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17525	.49147	-.00148	.00395	-.00027	.0093	.04721	4.4274
Stddev	.00602	.00593	.00047	.00340	.00021	.0012	.00010	.6773
%RSD	3.4347	1.2068	32.081	86.223	79.567	12.91	.21526	15.297

#1	.18162	.49323	-.00176	.00379	-.00051	.0092	.04720	3.8312
#2	.16966	.49632	-.00174	.00063	-.00010	.0082	.04731	5.1638
#3	.17446	.48486	-.00093	.00743	-.00019	.0106	.04711	4.2872

Sample Name: K1697-16 Acquired: 3/29/2019 20:14:12 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-032719 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5729
Stddev	1.3762
%RSD	38.518

#1	3.5157
#2	2.2262
#3	4.9768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.2	37779.	3063.2	43.581	3613.1
Stddev	4.7	104.	33.8	.327	10.7
%RSD	.13796	.27569	1.1041	.74974	.29706

#1	3381.0	37659.	3040.6	43.275	3611.8
#2	3390.2	37834.	3047.0	43.925	3603.1
#3	3384.2	37844.	3102.1	43.542	3624.5

Sample Name: K1698-04 Acquired: 3/29/2019 20:18:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00286	.00902	.00750	-.00271	.08362	.22400	.00010
Stddev	.00170	.00121	.00053	.00170	.00192	.01325	.00122	.00007
%RSD	2922.9	42.185	5.8827	22.726	70.653	15.849	.54599	66.544

#1	-.00038	-.00425	.00881	.00575	-.00058	.06875	.22276	.00016
#2	-.00138	-.00206	.00963	.00916	-.00430	.08793	.22405	.00011
#3	.00193	-.00227	.00863	.00759	-.00326	.09418	.22520	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	28.696	.00094	.00858	.00434	.73185	1.3483	1.5202
Stddev	.00005	.115	.00039	.00029	.00035	.00100	.0053	.0291
%RSD	27.357	.39932	41.564	3.3764	8.0105	.13724	.39424	1.9136

#1	.00014	28.578	.00068	.00832	.00474	.73232	1.3429	1.5090
#2	.00015	28.703	.00139	.00852	.00422	.73070	1.3485	1.4984
#3	.00023	28.807	.00074	.00889	.00407	.73253	1.3535	1.5533

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	-.00092	325.81	-.00268	.04069	1.5354	.00007	.02683
Stddev	.00060	.00080	3.43	.00081	.00016	.0168	.00023	.01668
%RSD	14.541	87.404	1.0542	30.049	.38823	1.0938	335.81	62.142

#1	.00467	-.00149	329.12	-.00299	.04085	1.5427	.00008	.01987
#2	.00348	-.00127	326.03	-.00329	.04053	1.5162	.00030	.01477
#3	.00413	-.00000	322.27	-.00177	.04070	1.5474	-.00017	.04586

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28269	1.1869	-.00087	.00380	.00009	.0047	.11810	4.8682
Stddev	.00340	.0048	.00005	.00124	.00138	.0002	.00063	.3084
%RSD	1.2014	.40402	6.0008	32.729	1517.1	3.917	.53094	6.3354

#1	.28429	1.1888	-.00085	.00426	-.00039	.0045	.11870	4.5160
#2	.28500	1.1815	-.00083	.00475	.00165	.0047	.11815	4.9988
#3	.27879	1.1905	-.00093	.00239	-.00099	.0048	.11745	5.0898

Sample Name: K1698-04 Acquired: 3/29/2019 20:18:49 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-032819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2679
 Stddev 1.0595
 %RSD 46.718

#1 1.7105
 #2 1.6034
 #3 3.4897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.6	37835.	3080.8	44.439	3629.4
Stddev	8.6	88.	2.3	.822	21.5
%RSD	.25196	.23168	.07377	1.8490	.59348

#1	3385.8	37754.	3078.4	44.675	3610.7
#2	3401.8	37928.	3083.0	45.117	3653.0
#3	3399.2	37824.	3081.0	43.525	3624.6

Sample Name: K2125-04 Acquired: 3/29/2019 20:23:23 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	-.00285	.00981	.00665	-.00068	.80839	.14428	-.00009
Stddev	.00113	.00075	.00093	.00318	.00179	.02130	.00277	.00007
%RSD	109.31	26.450	9.5103	47.788	262.33	2.6355	1.9210	80.567

#1	.00145	-.00198	.01078	.01025	.00092	.80221	.14200	-.00004
#2	.00190	-.00333	.00892	.00425	-.00035	.83210	.14737	-.00006
#3	-.00025	-.00323	.00973	.00544	-.00262	.79086	.14349	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	8.0554	.00201	.00481	.00593	3.5546	.17052	1.4631
Stddev	.00006	.0318	.00047	.00005	.00023	.0118	.00113	.0896
%RSD	82.046	.39442	23.280	1.0648	3.8632	.33128	.66512	6.1209

#1	-.00012	8.0861	.00224	.00479	.00616	3.5411	.16921	1.4173
#2	-.00001	8.0227	.00147	.00477	.00593	3.5597	.17114	1.5663
#3	-.00008	8.0574	.00231	.00487	.00571	3.5630	.17120	1.4058

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	-.00099	364.26	.00562	.04064	1.1288	.00019	.02504
Stddev	.00024	.00090	.46	.00034	.00012	.0045	.00017	.02026
%RSD	7.3995	90.341	.12684	6.0849	.30096	.39706	88.032	80.914

#1	.00337	-.00045	364.60	.00583	.04060	1.1237	.00020	.04132
#2	.00292	-.00050	363.73	.00523	.04078	1.1304	.00002	.00235
#3	.00327	-.00203	364.43	.00581	.04055	1.1322	.00035	.03146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28348	1.6519	-.00016	.02296	-.00213	.0233	.03760	4.1340
Stddev	.00391	.0286	.00067	.00131	.00169	.0014	.00010	.9387
%RSD	1.3782	1.7298	415.51	5.7203	79.162	5.869	.27465	22.707

#1	.28254	1.6542	-.00091	.02208	-.00038	.0244	.03766	3.2409
#2	.28778	1.6222	.00005	.02447	-.00226	.0237	.03766	5.1125
#3	.28014	1.6792	.00037	.02232	-.00375	.0218	.03748	4.0487

Sample Name: K2125-04 Acquired: 3/29/2019 20:23:23 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4193
 Stddev 1.1014
 %RSD 77.605

#1 2.2776
 #2 1.8029
 #3 .17733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.3	37883.	3067.9	44.681	3627.9
Stddev	12.3	156.	45.4	1.068	16.0
%RSD	.36230	.41172	1.4791	2.3908	.44085

#1	3385.3	38057.	3048.3	44.350	3640.9
#2	3383.2	37838.	3119.7	43.817	3610.1
#3	3405.5	37755.	3035.5	45.875	3632.8

Sample Name: CCV09 Acquired: 3/29/2019 20:27:57 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14784 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1389	5.1955	4.9898	5.2385	5.1481	10.211	10.147	.26204
Stddev	.0158	.0129	.0103	.0163	.0164	.047	.052	.00083
%RSD	.30707	.24815	.20551	.31019	.31948	.45952	.50882	.31489
#1	5.1222	5.1893	4.9848	5.2323	5.1441	10.174	10.175	.26173
#2	5.1536	5.2104	5.0016	5.2570	5.1662	10.196	10.178	.26297
#3	5.1408	5.1869	4.9831	5.2264	5.1341	10.264	10.087	.26141
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5316	26.330	1.0606	2.5375	1.2841	5.2978	2.6219	26.152
Stddev	.0052	.151	.0020	.0065	.0036	.0199	.0052	.099
%RSD	.20335	.57219	.19190	.25740	.27650	.37602	.19804	.37995
#1	2.5316	26.169	1.0612	2.5335	1.2858	5.2805	2.6204	26.266
#2	2.5367	26.353	1.0623	2.5451	1.2864	5.3196	2.6276	26.082
#3	2.5265	26.468	1.0583	2.5340	1.2800	5.2932	2.6175	26.109
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6054	1.2935	25.014	2.6589	2.5301	25.577	5.1564	5.1253
Stddev	.0062	.0009	.133	.0106	.0048	.064	.0102	.0169
%RSD	.23792	.06703	.53250	.39760	.19099	.25024	.19699	.32908
#1	2.6038	1.2943	25.044	2.6571	2.5309	25.575	5.1599	5.1437
#2	2.6123	1.2937	25.130	2.6702	2.5345	25.643	5.1643	5.1217
#3	2.6002	1.2926	24.868	2.6493	2.5249	25.515	5.1449	5.1106
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0800	5.2284	5.1423	5.2294	5.1095	5.185	5.1756	F 4.4613
Stddev	.0175	.0184	.0098	.0202	.0241	.023	.0284	.7792
%RSD	.34463	.35213	.18963	.38581	.47101	.4424	.54851	17.465
#1	5.0622	5.2155	5.1349	5.2226	5.0967	5.190	5.1534	5.1101
#2	5.0972	5.2201	5.1534	5.2135	5.1372	5.205	5.2076	3.5971
#3	5.0806	5.2494	5.1386	5.2521	5.0945	5.160	5.1657	4.6768

Sample Name: CCV09 Acquired: 3/29/2019 20:27:57 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14784 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7356
Stddev 1.7350
%RSD 99.969

#1 -.10326
#2 1.9662
#3 3.3437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.8	38591.	3087.3	41.742	3732.1
Stddev	9.4	182.	14.9	1.857	10.5
%RSD	.26648	.47071	.48188	4.4496	.28100

#1	3507.0	38522.	3096.1	43.552	3728.9
#2	3505.8	38455.	3070.2	41.833	3723.6
#3	3522.6	38798.	3095.7	39.840	3743.8

Sample Name: CCB09 Acquired: 3/29/2019 20:31:55 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14784 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00094	-.00164	.00385	-.00116	-.01556	.00380	-.00001
Stddev	.00107	.00124	.00072	.00345	.00191	.02089	.00022	.00011
%RSD	113.77	132.12	44.015	89.664	164.60	134.20	5.7328	1995.4
#1	.00209	.00187	-.00108	.00105	-.00304	-.00005	.00381	-.00011
#2	-.00004	.00142	-.00140	.00771	-.00121	-.03931	.00358	-.00002
#3	.00077	-.00047	-.00246	.00279	.00078	-.00732	.00402	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00110	.00019	-.00003	-.00155	.00183	.00029	-.06839
Stddev	.00007	.01623	.00039	.00029	.00045	.00074	.00005	.10559
%RSD	947.28	1471.1	207.49	819.59	28.935	40.594	18.551	154.39
#1	.00002	-.00689	.00019	-.00034	-.00125	.00144	.00025	.04750
#2	.00004	-.01365	.00058	.00023	-.00134	.00136	.00027	-.15913
#3	-.00009	.01722	-.00020	.00001	-.00207	.00268	.00035	-.09354
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00078	F .61983	-.00015	-.00031	.10921	.00031	.02366
Stddev	.00031	.00076	.00959	.00040	.00002	.02238	.00020	.00667
%RSD	60.318	97.674	1.5473	273.86	6.3108	20.494	63.533	28.185
#1	-.00055	.00107	.61663	.00030	-.00033	.10887	.00031	.02596
#2	-.00081	-.00008	.63061	-.00025	-.00029	.08700	.00011	.02888
#3	-.00019	.00135	.61225	-.00049	-.00030	.13176	.00050	.01615
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.00085	.00087	.00043	-.00462	.0011	.00008	F .55772
Stddev	.00235	.00310	.00119	.00562	.00086	.0008	.00014	.47124
%RSD	67.261	363.62	135.92	1296.2	18.580	72.32	167.89	84.494
#1	.00209	.00134	.00204	.00133	-.00391	.0003	.00010	.97175
#2	.00220	.00367	.00092	-.00558	-.00437	.0012	-.00007	.65650
#3	.00622	-.00246	-.00034	.00556	-.00557	.0019	.00021	.04492

Sample Name: CCB09 Acquired: 3/29/2019 20:31:55 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14784 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .27941
Stddev	1.1624
%RSD	416.01

#1	.63446
#2	1.2228
#3	-1.0191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.1	39719.	3085.3	44.222	4121.6
Stddev	2.0	123.	12.4	1.989	4.7
%RSD	.05531	.31073	.40075	4.4989	.11390

#1	3640.5	39577.	3071.3	46.350	4120.1
#2	3644.4	39779.	3094.7	43.908	4117.8
#3	3641.4	39801.	3089.8	42.408	4126.8

Sample Name: K2138-02 Acquired: 3/29/2019 20:36:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00186	.00861	.00548	-.00167	.16973	.15937	.00011
Stddev	.00061	.00049	.00166	.00111	.00107	.01089	.00156	.00007
%RSD	99.932	26.426	19.251	20.289	64.260	6.4135	.97942	61.686

#1	.00121	-.00158	.00701	.00564	-.00290	.15772	.15759	.00004
#2	.00061	-.00157	.01032	.00429	-.00110	.17252	.16003	.00012
#3	-.00000	-.00242	.00850	.00650	-.00099	.17895	.16050	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	18.601	.00226	.00140	.02665	.01460	.23667	1.2724
Stddev	.00004	.177	.00030	.00017	.00054	.00135	.00041	.0863
%RSD	8.6131	.94945	13.465	12.374	2.0133	9.2438	.17519	6.7791

#1	.00046	18.410	.00261	.00130	.02670	.01412	.23703	1.2973
#2	.00053	18.633	.00214	.00130	.02610	.01356	.23677	1.1765
#3	.00054	18.759	.00204	.00160	.02717	.01613	.23622	1.3435

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	-.00052	307.09	.00008	.07056	.92601	.00022	.02365
Stddev	.00027	.00031	1.25	.00016	.00034	.01567	.00025	.02298
%RSD	9.1719	60.246	.40653	187.43	.47755	1.6923	113.87	97.175

#1	.00310	-.00038	308.47	-.00004	.07026	.94315	.00034	.01603
#2	.00317	-.00087	306.05	.00026	.07048	.91242	-.00007	.00545
#3	.00266	-.00030	306.74	.00003	.07092	.92246	.00038	.04948

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44084	1.0995	-.00131	-.00008	-.00390	.0051	.08607	4.1086
Stddev	.00399	.0018	.00078	.00229	.00392	.0009	.00043	.7624
%RSD	.90426	.16263	59.683	3056.3	100.50	17.01	.49927	18.556

#1	.44069	1.0980	-.00068	.00022	-.00703	.0041	.08570	4.3069
#2	.43693	1.1015	-.00218	-.00250	-.00515	.0054	.08597	3.2667
#3	.44490	1.0991	-.00105	.00206	.00049	.0058	.08654	4.7522

Sample Name: K2138-02 Acquired: 3/29/2019 20:36:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2761
Stddev .7070
%RSD 21.581

#1 2.5889
#2 3.2379
#3 4.0014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.6	37874.	3050.1	43.158	3662.3
Stddev	14.6	103.	3.3	.502	15.3
%RSD	.42567	.27306	.10833	1.1635	.41654

#1	3403.8	37776.	3052.0	42.708	3654.9
#2	3427.9	37864.	3046.3	43.067	3652.2
#3	3430.0	37982.	3052.0	43.700	3679.8

Sample Name: K2138-04 Acquired: 3/29/2019 20:40:58 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A(12-20)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	-.00106	.00082	.00337	-.00051	.04715	.09547	-.00001
Stddev	.00357	.00034	.00079	.00354	.00075	.01945	.00287	.00008
%RSD	411.22	31.668	96.355	104.97	149.12	41.255	3.0090	583.31

#1	.00306	-.00070	-.00006	.00482	.00030	.06815	.09406	.00007
#2	-.00174	-.00111	.00146	-.00066	-.00061	.04354	.09877	-.00001
#3	-.00392	-.00137	.00105	.00595	-.00120	.02975	.09357	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	2.3960	.00462	.00341	.00336	.03801	.45529	.47298
Stddev	.00007	.0266	.00068	.00023	.00039	.00046	.00094	.06566
%RSD	52.970	1.1095	14.790	6.7460	11.505	1.2223	.20741	13.882

#1	.00016	2.3782	.00536	.00332	.00378	.03810	.45420	.39717
#2	.00005	2.4266	.00402	.00324	.00302	.03750	.45581	.50954
#3	.00017	2.3833	.00447	.00367	.00327	.03841	.45586	.51221

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	.00005	283.01	-.00036	.01318	.95918	.00038	.01623
Stddev	.00032	.00038	4.01	.00080	.00011	.06018	.00012	.02245
%RSD	6.1279	774.36	1.4175	221.07	.80122	6.2737	32.521	138.38

#1	.00516	-.00001	287.57	-.00114	.01330	1.0091	.00052	.03775
#2	.00564	-.00030	280.02	-.00041	.01316	.89235	.00031	-.00706
#3	.00502	.00046	281.44	.00046	.01309	.97610	.00031	.01799

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04893	.24886	-.00199	-.00121	-.00410	.0034	.02046	3.5327
Stddev	.00452	.00115	.00025	.00120	.00160	.0013	.00013	.7167
%RSD	9.2312	.46347	12.476	98.886	39.040	37.99	.64406	20.287

#1	.04494	.24911	-.00172	.00001	-.00558	.0032	.02032	2.7341
#2	.05383	.24987	-.00204	-.00240	-.00432	.0022	.02058	3.7438
#3	.04803	.24760	-.00221	-.00125	-.00240	.0048	.02049	4.1200

Sample Name: K2138-04 Acquired: 3/29/2019 20:40:58 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S6A(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0148
Stddev	.6993
%RSD	34.706

#1	1.6550
#2	2.8207
#3	1.5688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.6	38192.	3072.5	44.646	3690.8
Stddev	13.9	47.	6.7	.767	6.1
%RSD	.40541	.12197	.21935	1.7173	.16431

#1	3413.2	38153.	3078.5	44.654	3687.5
#2	3432.2	38179.	3065.2	45.408	3697.8
#3	3440.2	38243.	3073.7	43.875	3687.1

Sample Name: K2138-06 Acquired: 3/29/2019 20:45:33 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A/S6B(21-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00138	.00246	.00359	-.00120	.06625	.12971	.00002
Stddev	.00207	.00120	.00065	.00111	.00071	.00563	.00087	.00007
%RSD	286.04	86.767	26.247	30.994	59.037	8.4985	.67381	267.71

#1	.00289	-.00072	.00259	.00286	-.00131	.07167	.12870	-.00005
#2	-.00123	-.00276	.00303	.00488	-.00186	.06043	.13011	.00007
#3	.00051	-.00066	.00176	.00304	-.00045	.06666	.13031	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	7.0665	.00416	.00401	.00466	.04857	.49536	2.2947
Stddev	.00002	.0237	.00013	.00032	.00039	.00043	.00164	.0607
%RSD	15.806	.33542	3.1769	7.8667	8.3706	.88644	.33093	2.6444

#1	.00018	7.0447	.00401	.00417	.00494	.04899	.49460	2.2329
#2	.00016	7.0631	.00420	.00421	.00482	.04858	.49724	2.3542
#3	.00013	7.0917	.00427	.00365	.00421	.04813	.49424	2.2972

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00557	-.00070	298.42	-.00049	.01923	1.0672	.00022	.02150
Stddev	.00042	.00079	2.76	.00034	.00011	.0554	.00012	.01107
%RSD	7.6203	112.86	.92574	68.129	.58395	5.1867	54.552	51.471

#1	.00580	-.00069	296.76	-.00078	.01932	1.0600	.00026	.00897
#2	.00584	.00009	301.61	-.00059	.01926	1.0159	.00008	.02559
#3	.00508	-.00149	296.88	-.00012	.01910	1.1259	.00031	.02995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08258	.28923	-.00139	.00113	-.00199	.0034	.02745	4.1416
Stddev	.00111	.00176	.00158	.00192	.00170	.0011	.00022	.3317
%RSD	1.3457	.60812	113.79	169.52	85.397	33.13	.79312	8.0096

#1	.08360	.29125	-.00195	-.00094	-.00137	.0046	.02770	3.8619
#2	.08140	.28846	.00039	.00285	-.00392	.0030	.02735	4.5081
#3	.08273	.28799	-.00261	.00149	-.00069	.0025	.02730	4.0550

Sample Name: K2138-06 Acquired: 3/29/2019 20:45:33 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6A/S6B(21-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3189
Stddev	1.6767
%RSD	38.822

#1	6.1583
#2	2.8759
#3	3.9226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.9	37988.	3055.5	42.736	3675.5
Stddev	7.0	161.	23.2	.388	11.3
%RSD	.20446	.42271	.75847	.90674	.30856

#1	3432.4	38017.	3032.2	42.500	3674.2
#2	3424.6	37815.	3078.5	42.525	3664.9
#3	3438.6	38132.	3055.9	43.183	3687.4

Sample Name: K2138-08 Acquired: 3/29/2019 20:50:10 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00195	-.00106	.00573	-.00029	.15395	.13899	.00012
Stddev	.00336	.00101	.00121	.00339	.00065	.00664	.00128	.00010
%RSD	854.70	51.926	113.88	59.185	220.70	4.3147	.92205	78.952

#1	-.00320	-.00175	-.00011	.00192	-.00102	.14987	.14009	.00015
#2	-.00131	-.00305	-.00065	.00684	-.00010	.15036	.13758	.00021
#3	.00333	-.00105	-.00242	.00843	.00023	.16161	.13930	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	2.1248	.00276	.00192	.00706	.01590	.24258	.50837
Stddev	.00006	.0554	.00029	.00010	.00006	.00060	.00045	.06122
%RSD	29.462	2.6052	10.459	5.0901	.79140	3.7709	.18523	12.042

#1	.00015	2.0643	.00301	.00190	.00709	.01522	.24300	.49000
#2	.00021	2.1373	.00244	.00184	.00708	.01634	.24263	.45844
#3	.00027	2.1728	.00282	.00203	.00699	.01615	.24210	.57668

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	-.00004	314.05	-.00076	.02808	.74593	.00013	.02538
Stddev	.00035	.00016	3.92	.00022	.00030	.03967	.00005	.00931
%RSD	12.178	424.52	1.2494	29.166	1.0810	5.3186	37.125	36.674

#1	.00317	-.00022	317.25	-.00050	.02793	.72921	.00018	.03533
#2	.00293	.00009	315.24	-.00087	.02788	.71735	.00012	.02393
#3	.00248	.00001	309.67	-.00090	.02843	.79122	.00008	.01688

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15799	.23069	-.00172	.00062	-.00305	.0063	.02054	3.0683
Stddev	.00210	.00135	.00075	.00202	.00101	.0018	.00025	.8894
%RSD	1.3319	.58405	43.360	324.64	32.942	29.18	1.1983	28.986

#1	.16009	.23224	-.00153	.00143	-.00304	.0046	.02064	3.4376
#2	.15800	.22976	-.00254	-.00168	-.00407	.0083	.02026	3.7135
#3	.15588	.23007	-.00109	.00211	-.00206	.0060	.02073	2.0538

Sample Name: K2138-08 Acquired: 3/29/2019 20:50:10 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1498
Stddev	1.5183
%RSD	48.204

#1	1.3983
#2	4.0929
#3	3.9582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.5	38428.	3069.2	44.203	3675.2
Stddev	10.8	295.	5.6	1.463	20.1
%RSD	.31359	.76702	.18304	3.3090	.54794

#1	3437.3	38194.	3068.6	43.217	3665.9
#2	3458.9	38333.	3064.0	43.508	3698.3
#3	3449.2	38759.	3075.2	45.883	3661.3

Sample Name: K2138-10 Acquired: 3/29/2019 20:54:47 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6B(12-20)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00232	-.00163	-.00126	.00811	-.00214	.08152	.14604	.00005
Stddev	.00130	.00047	.00159	.00085	.00044	.01276	.00045	.00007
%RSD	56.198	28.987	126.17	10.426	20.569	15.649	.30823	131.58

#1	.00247	-.00111	-.00102	.00744	-.00173	.09137	.14594	.00010
#2	.00354	-.00203	.00020	.00782	-.00209	.06711	.14653	-.00003
#3	.00094	-.00175	-.00296	.00906	-.00261	.08607	.14565	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	16.551	.00333	.00272	.00408	.01321	.43027	6.1019
Stddev	.00006	.033	.00045	.00016	.00011	.00035	.00068	.1640
%RSD	44.663	.19661	13.626	5.9411	2.6227	2.6195	.15904	2.6871

#1	.00008	16.533	.00372	.00254	.00401	.01313	.43064	5.9556
#2	.00019	16.532	.00345	.00279	.00402	.01291	.43068	6.2791
#3	.00012	16.589	.00283	.00284	.00420	.01359	.42948	6.0711

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	-.00029	328.20	-.00112	.01867	.79929	.00043	.00988
Stddev	.00033	.00011	3.75	.00028	.00011	.05682	.00014	.01256
%RSD	8.4504	36.694	1.1437	25.154	.60570	7.1083	32.664	127.06

#1	.00360	-.00028	330.47	-.00089	.01870	.74298	.00034	.00074
#2	.00423	-.00040	330.27	-.00143	.01877	.85660	.00059	.02420
#3	.00376	-.00019	323.87	-.00103	.01855	.79830	.00036	.00470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09512	.29342	-.00167	.00004	-.00182	.0042	.02771	3.6752
Stddev	.00379	.01132	.00035	.00644	.00219	.0003	.00017	.3740
%RSD	3.9861	3.8567	20.724	17626.	120.60	7.312	.62264	10.178

#1	.09082	.29830	-.00192	-.00659	-.00421	.0042	.02790	4.1049
#2	.09654	.30147	-.00128	.00629	.00009	.0039	.02765	3.4980
#3	.09799	.28048	-.00181	.00041	-.00133	.0045	.02757	3.4226

Sample Name: K2138-10 Acquired: 3/29/2019 20:54:47 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S6B(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2613
Stddev	.6828
%RSD	20.937

#1	3.1035
#2	4.0092
#3	2.6712

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.9	38122.	3046.6	44.389	3643.6
Stddev	6.9	206.	11.3	.605	12.9
%RSD	.20092	.53921	.37208	1.3628	.35332

#1	3418.9	37894.	3044.3	43.700	3628.9
#2	3430.4	38182.	3036.6	44.633	3649.2
#3	3431.3	38292.	3058.9	44.833	3652.8

Sample Name: K2139-02 Acquired: 3/29/2019 20:59:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM 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	-.00234	.00011	.00564	.00003	.32329	.11778	.00005
Stddev	.00209	.00120	.00060	.00212	.00049	.01340	.00094	.00008
%RSD	501.00	51.202	540.67	37.617	1794.4	4.1461	.79964	165.69

#1	-.00211	-.00115	-.00047	.00591	-.00053	.32412	.11882	.00014
#2	.00192	-.00355	.00006	.00762	.00038	.30949	.11754	.00000
#3	-.00106	-.00231	.00074	.00340	.00023	.33626	.11698	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.92838	.00281	.00194	.00907	.01914	.20038	.20080
Stddev	.00004	.01813	.00019	.00015	.00031	.00150	.00112	.04898
%RSD	36.042	1.9525	6.7550	7.7899	3.4691	7.8528	.56047	24.391

#1	.00015	.92048	.00271	.00212	.00923	.02084	.20167	.14615
#2	.00007	.91555	.00303	.00183	.00871	.01855	.19986	.21552
#3	.00010	.94912	.00269	.00188	.00927	.01801	.19961	.24073

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	.00005	331.44	-.00087	.02855	.62309	.00030	.02389
Stddev	.00027	.00038	3.20	.00029	.00020	.01891	.00019	.01448
%RSD	10.571	814.36	.96661	33.619	.69379	3.0347	64.834	60.596

#1	.00268	.00033	329.03	-.00083	.02866	.61292	.00030	.03915
#2	.00283	-.00038	330.22	-.00059	.02867	.64491	.00050	.02215
#3	.00229	.00019	335.07	-.00117	.02832	.61145	.00011	.01036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30977	.26129	-.00161	-.00322	-.00392	.0045	.00821	3.1617
Stddev	.00195	.00038	.00005	.00151	.00109	.0015	.00008	.5457
%RSD	.63058	.14493	3.1029	46.865	27.913	33.07	1.0003	17.260

#1	.31198	.26108	-.00165	-.00496	-.00518	.0061	.00812	2.5766
#2	.30905	.26172	-.00156	-.00245	-.00317	.0032	.00824	3.2516
#3	.30828	.26105	-.00163	-.00225	-.00342	.0041	.00828	3.6569

Sample Name: K2139-02 Acquired: 3/29/2019 20:59:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(2-10)COM Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6368
Stddev .2614
%RSD 9.9130

#1 2.5889
#2 2.9189
#3 2.4027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.1	38543.	3074.3	43.844	3700.5
Stddev	4.6	63.	11.9	2.006	7.8
%RSD	.13256	.16294	.38830	4.5752	.20982

#1	3461.5	38512.	3087.7	44.717	3694.6
#2	3452.4	38616.	3070.4	45.267	3709.3
#3	3457.2	38502.	3064.8	41.550	3697.6

Sample Name: K2139-04 Acquired: 3/29/2019 21:04:02 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S7B(12-20)CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	-.00221	.00316	.00383	.00028	.31010	.15843	.00019
Stddev	.00307	.00246	.00034	.00383	.00102	.01972	.00260	.00002
%RSD	120.98	111.11	10.769	100.06	363.33	6.3592	1.6420	10.031

#1	-.00273	.00005	.00285	.00140	-.00084	.28866	.15645	.00017
#2	.00063	-.00482	.00309	.00825	.00114	.32746	.16137	.00021
#3	-.00550	-.00186	.00353	.00184	.00054	.31419	.15747	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	1.5409	.01301	.00712	.01172	1.0409	.80209	.38337
Stddev	.00006	.0174	.00065	.00027	.00036	.0055	.00176	.03894
%RSD	27.263	1.1294	5.0212	3.7417	3.0559	.52746	.21978	10.157

#1	.00019	1.5400	.01353	.00681	.01137	1.0361	.80019	.35253
#2	.00027	1.5240	.01322	.00728	.01170	1.0469	.80367	.37045
#3	.00016	1.5588	.01228	.00726	.01209	1.0397	.80242	.42713

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	.00030	280.07	-.00137	.02939	1.3381	.00012	.00700
Stddev	.00060	.00018	1.99	.00013	.00004	.0447	.00032	.02158
%RSD	9.9320	59.710	.70891	9.2063	.13536	3.3439	266.16	308.41

#1	.00662	.00047	282.34	-.00151	.02943	1.3505	.00016	-.01152
#2	.00600	.00033	278.63	-.00135	.02936	1.3753	-.00022	.00182
#3	.00542	.00011	279.26	-.00126	.02937	1.2885	.00042	.03069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16505	.43929	-.00184	.00110	-.00391	.0043	.01621	1.9179
Stddev	.00342	.00430	.00020	.00394	.00171	.0005	.00024	1.2569
%RSD	2.0691	.97799	10.734	358.70	43.619	11.74	1.4786	65.537

#1	.16422	.44133	-.00205	-.00066	-.00286	.0045	.01644	.59832
#2	.16214	.43435	-.00178	-.00166	-.00299	.0046	.01623	3.1011
#3	.16881	.44219	-.00167	.00561	-.00588	.0037	.01596	2.0543

Sample Name: K2139-04 Acquired: 3/29/2019 21:04:02 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S7B(12-20)CO Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.9186
Stddev	1.6237
%RSD	55.633

#1	4.0348
#2	3.6650
#3	1.0559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3471.6	38516.	3070.3	43.554	3730.9
Stddev	14.4	192.	12.8	1.558	16.6
%RSD	.41504	.49741	.41633	3.5760	.44504

#1	3458.5	38613.	3059.1	43.378	3712.3
#2	3469.2	38296.	3084.3	45.192	3736.1
#3	3487.0	38640.	3067.6	42.092	3744.3

Sample Name: K2153-24 Acquired: 3/29/2019 21:08:35 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	-.00195	.06081	.00761	-.00294	-.06899	.15322	.00001
Stddev	.00217	.00032	.00190	.00206	.00159	.02717	.00073	.00006
%RSD	47.990	16.554	3.1195	27.098	54.010	39.382	.47395	943.66

#1	.00234	-.00159	.05913	.00708	-.00279	-.03923	.15265	-.00006
#2	.00668	-.00221	.06044	.00988	-.00460	-.09247	.15404	.00005
#3	.00453	-.00205	.06287	.00586	-.00143	-.07527	.15298	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	109.49	.00035	.00683	.02179	.02294	.42787	1.6646
Stddev	.00002	1.33	.00053	.00004	.00055	.00019	.00126	.0665
%RSD	1.2266	1.2159	150.14	.64267	2.5389	.82132	.29488	3.9948

#1	.00179	109.66	.00056	.00682	.02214	.02277	.42822	1.6100
#2	.00181	108.08	-.00025	.00679	.02115	.02314	.42647	1.6451
#3	.00176	110.73	.00074	.00688	.02207	.02291	.42892	1.7386

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01162	-.00206	315.58	.00020	.21954	4.5141	.00132	.02372
Stddev	.00044	.00045	3.54	.00010	.00029	.0787	.00002	.01211
%RSD	3.8182	21.868	1.1217	51.902	.13422	1.7436	1.8697	51.062

#1	.01172	-.00165	317.36	.00016	.21956	4.5552	.00134	.03084
#2	.01201	-.00200	311.51	.00011	.21924	4.5638	.00132	.03060
#3	.01114	-.00254	317.89	.00031	.21982	4.4234	.00129	.00974

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9498	.96022	-.00118	.00052	.00803	.0254	.42249	4.9991
Stddev	.0052	.00688	.00088	.00214	.00114	.0007	.00339	.8896
%RSD	.26438	.71600	74.397	409.14	14.142	2.718	.80278	17.796

#1	1.9553	.96599	-.00029	-.00014	.00921	.0262	.42417	4.7902
#2	1.9450	.95261	-.00204	-.00120	.00796	.0248	.41859	4.2325
#3	1.9491	.96207	-.00122	.00291	.00694	.0252	.42472	5.9746

Sample Name: K2153-24 Acquired: 3/29/2019 21:08:35 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.1947
 Stddev 1.6673
 %RSD 39.749

#1 3.1688
 #2 6.1186
 #3 3.2967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.5	37502.	3019.5	41.847	3608.1
Stddev	16.7	87.	33.5	.526	6.8
%RSD	.49591	.23228	1.1085	1.2570	.18830

#1	3343.7	37435.	3007.9	42.423	3604.2
#2	3376.8	37600.	3057.3	41.725	3604.3
#3	3364.0	37469.	2993.4	41.392	3616.0

Sample Name: K2153-28 Acquired: 3/29/2019 21:13:08 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00259	-.00072	.20205	.00861	-.00339	.01618	.18744	.00004
Stddev	.00061	.00089	.00042	.00325	.00148	.01111	.00147	.00005
%RSD	23.611	123.71	.20793	37.759	43.788	68.670	.78409	120.19

#1	.00202	-.00119	.20173	.01066	-.00197	.02875	.18913	.00001
#2	.00324	-.00128	.20190	.00486	-.00326	.01210	.18646	.00001
#3	.00253	.00031	.20253	.01031	-.00493	.00768	.18674	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	67.411	.00052	.00561	.01881	.05578	.49080	7.5189
Stddev	.00001	.335	.00041	.00003	.00016	.00091	.00151	.0568
%RSD	.33127	.49717	77.797	.55999	.86141	1.6343	.30802	.75583

#1	.00156	67.725	.00013	.00562	.01900	.05583	.48931	7.4586
#2	.00156	67.058	.00093	.00563	.01868	.05667	.49233	7.5266
#3	.00156	67.449	.00050	.00557	.01876	.05485	.49076	7.5715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	-.00180	313.94	-.00018	.19329	3.9315	.00053	.02257
Stddev	.00025	.00046	1.45	.00030	.00059	.0629	.00011	.01785
%RSD	4.2737	25.397	.46116	169.23	.30487	1.6007	20.593	79.107

#1	.00617	-.00198	314.68	.00002	.19396	3.9906	.00057	.02041
#2	.00569	-.00128	314.86	-.00003	.19305	3.9386	.00061	.04140
#3	.00582	-.00213	312.27	-.00052	.19285	3.8653	.00041	.00589

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0850	1.2121	.00001	-.00027	.00360	.0087	.19560	4.3561
Stddev	.0141	.0059	.00110	.00251	.00100	.0011	.00073	.3372
%RSD	1.3011	.48302	18147.	937.12	27.737	12.46	.37535	7.7399

#1	1.1006	1.2059	.00125	.00124	.00278	.0089	.19642	4.6001
#2	1.0731	1.2129	-.00085	.00112	.00471	.0075	.19501	3.9714
#3	1.0812	1.2175	-.00038	-.00317	.00332	.0097	.19537	4.4968

Sample Name: K2153-28 Acquired: 3/29/2019 21:13:08 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6052
 Stddev 1.1857
 %RSD 32.890

#1 4.9736
 #2 2.8820
 #3 2.9598

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.3	37922.	3047.3	43.389	3624.6
Stddev	16.6	29.	9.1	.225	28.8
%RSD	.49011	.07764	.29865	.51904	.79403

#1	3377.3	37895.	3050.5	43.558	3597.1
#2	3403.6	37918.	3054.3	43.475	3622.2
#3	3408.1	37954.	3037.0	43.133	3654.5

Sample Name: K2153-02 Acquired: 3/29/2019 21:17:42 Type: Unk

Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONC-1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	-.00064	.00452	.01087	-.00203	-.18527	.08726	.00002
Stddev	.00158	.00186	.00135	.00403	.00107	.02231	.00059	.00006
%RSD	27.334	289.04	29.836	37.103	52.377	12.040	.67652	251.22

#1	.00395	.00105	.00296	.00884	-.00096	-.15970	.08682	-.00003
#2	.00661	-.00035	.00531	.01551	-.00205	-.19534	.08793	.00001
#3	.00675	-.00263	.00527	.00824	-.00309	-.20076	.08702	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	167.23	.00067	.00038	.00028	-.02008	.07647	3.9049
Stddev	.00010	.95	.00060	.00003	.00019	.00033	.00055	.0356
%RSD	63.699	.56850	90.154	7.6773	66.630	1.6622	.71687	.91102

#1	.00007	168.15	.00053	.00036	.00042	-.02046	.07690	3.8961
#2	.00015	167.30	.00015	.00037	.00007	-.01994	.07667	3.9440
#3	.00027	166.25	.00132	.00041	.00036	-.01984	.07585	3.8745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00774	-.00429	249.00	.00716	.03218	3.8090	.00712	.05263
Stddev	.00025	.00036	2.86	.00028	.00030	.0350	.00016	.01021
%RSD	3.2960	8.4449	1.1501	3.9498	.94254	.91871	2.2798	19.407

#1	.00786	-.00469	251.33	.00687	.03184	3.8108	.00695	.04124
#2	.00744	-.00418	249.87	.00718	.03241	3.8430	.00726	.05567
#3	.00790	-.00400	245.80	.00744	.03230	3.7731	.00716	.06098

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.167	5.1065	-.00569	-.00581	.00736	.0106	.70090	3.0908
Stddev	.108	.0285	.00131	.00319	.00182	.0006	.00687	.6819
%RSD	.89001	.55752	22.960	54.853	24.650	5.507	.97956	22.063

#1	12.086	5.1150	-.00699	-.00213	.00935	.0105	.70706	3.4202
#2	12.290	5.1298	-.00571	-.00758	.00578	.0112	.70214	3.5456
#3	12.124	5.0748	-.00437	-.00771	.00696	.0100	.69349	2.3067

Sample Name: K2153-02 Acquired: 3/29/2019 21:17:42 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9800
Stddev	.1843
%RSD	4.6307

#1	3.9893
#2	4.1594
#3	3.7912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.7	38148.	3065.3	43.987	3670.2
Stddev	21.0	320.	11.1	1.440	41.1
%RSD	.61426	.83947	.36371	3.2731	1.1194

#1	3446.9	37943.	3058.6	44.823	3710.6
#2	3411.5	37984.	3059.1	42.325	3628.4
#3	3409.6	38517.	3078.1	44.814	3671.5

Sample Name: CCV10 Acquired: 3/29/2019 21:22:06 Type: Unk
Method: P4-ICP2(v3000) 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	5.0557	5.1498	4.9152	5.1683	5.0773	9.8229	9.8651	.25665
Stddev	.0093	.0014	.0076	.0084	.0133	.0668	.0154	.00092
%RSD	.18412	.02616	.15484	.16340	.26161	.67986	.15555	.35803
#1	5.0459	5.1494	4.9110	5.1767	5.0919	9.7609	9.8827	.25586
#2	5.0644	5.1513	4.9107	5.1685	5.0739	9.8143	9.8579	.25766
#3	5.0567	5.1487	4.9240	5.1598	5.0661	9.8936	9.8546	.25643
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5015	26.046	1.0513	2.5106	1.2588	5.2356	2.5723	25.432
Stddev	.0032	.111	.0030	.0023	.0010	.0095	.0064	.151
%RSD	.12675	.42646	.28116	.09093	.08315	.18109	.24916	.59227
#1	2.4996	25.922	1.0524	2.5099	1.2600	5.2261	2.5653	25.287
#2	2.4996	26.083	1.0535	2.5088	1.2582	5.2356	2.5778	25.588
#3	2.5051	26.134	1.0479	2.5132	1.2582	5.2451	2.5739	25.422
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5905	1.2796	24.549	2.6288	2.4977	24.934	5.0723	4.9810
Stddev	.0040	.0063	.030	.0047	.0020	.078	.0042	.0795
%RSD	.15414	.49480	.12128	.17978	.07969	.31103	.08204	1.5955
#1	2.5877	1.2749	24.581	2.6242	2.4976	24.846	5.0771	4.9460
#2	2.5886	1.2868	24.543	2.6336	2.4958	24.967	5.0693	4.9249
#3	2.5950	1.2771	24.522	2.6286	2.4998	24.991	5.0707	5.0719
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9993	5.2327	5.1048	5.1580	5.0954	5.131	5.1317	F 3.3162
Stddev	.0034	.0425	.0116	.0146	.0235	.009	.0292	.4662
%RSD	.06868	.81251	.22750	.28354	.46182	.1752	.56946	14.058
#1	5.0030	5.2040	5.0925	5.1447	5.0917	5.124	5.1429	3.4226
#2	4.9962	5.2815	5.1065	5.1737	5.1206	5.127	5.1536	3.7200
#3	4.9986	5.2124	5.1156	5.1556	5.0740	5.141	5.0985	2.8060

Sample Name: CCV10 Acquired: 3/29/2019 21:22:06 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1409
Stddev	1.3179
%RSD	115.51

#1	.33332
#2	2.6618
#3	.42774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3556.2	39129.	3070.0	43.748	3768.0
Stddev	7.6	134.	17.9	1.190	5.4
%RSD	.21439	.34214	.58290	2.7190	.14393

#1	3547.5	39279.	3079.3	45.053	3761.9
#2	3561.4	39020.	3049.3	42.724	3772.4
#3	3559.8	39089.	3081.3	43.467	3769.6

Sample Name: CCB10 Acquired: 3/29/2019 21:26:05 Type: Unk
Method: P4-ICP2(v3000) 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	.00044	.00149	-.00220	.00343	.00031	-.01253	.00508
Stddev	.00075	.00037	.00071	.00292	.00083	.01721	.00114
%RSD	172.99	24.594	32.319	85.074	269.31	137.36	22.534

#1	-.00035	.00175	-.00278	.00007	.00116	-.01716	.00399
#2	.00050	.00107	-.00240	.00485	.00028	.00652	.00498
#3	.00115	.00164	-.00141	.00536	-.00051	-.02696	.00627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00002	.00054	-.00018	-.00005	-.00285	.00016
Stddev	.00006	.00005	.02489	.00006	.00017	.00006	.00109
%RSD	803.82	229.87	4616.0	35.895	369.73	2.1186	680.01

#1	-.00007	.00003	.02867	-.00024	-.00024	-.00284	-.00037
#2	.00000	-.00002	-.01864	-.00019	.00004	-.00292	.00142
#3	.00005	-.00007	-.00841	-.00011	.00006	-.00280	-.00057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.15479	-.00049	.00114	.39045	.00013	-.00040
Stddev	.00008	.04292	.00001	.00011	.01465	.00031	.00013
%RSD	28.244	27.726	2.9973	9.9187	3.7515	232.63	31.426

#1	.00023	-.10604	-.00049	.00123	.39537	.00044	-.00026
#2	.00039	-.18688	-.00048	.00101	.40200	-.00018	-.00047
#3	.00027	-.17144	-.00051	.00116	.37397	.00015	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02150	.00029	.01982	.00120	.00015	.00031	.00099
Stddev	.06230	.00020	.01858	.00104	.00239	.00045	.00318
%RSD	289.77	67.456	93.746	86.404	1564.2	145.73	322.56

#1	.07800	.00051	.03151	.00236	.00270	.00000	.00045
#2	.03181	.00016	.02957	.00036	-.00022	.00010	-.00189
#3	-.04531	.00020	-.00161	.00089	-.00202	.00082	.00440

Sample Name: CCB10 Acquired: 3/29/2019 21:26:05 Type: Unk
 Method: P4-ICP2(v3000) 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	-.00509	.0026	-.00005	F<.00000	F<.00000
Stddev	.00159	.0008	.00014	1.2878	1.8143
%RSD	31.291	29.01	282.40	147.79	293.16
#1	-.00584	.0020	.00010	-2.0534	1.3167
#2	-.00326	.0035	-.00018	.50101	-2.2808
#3	-.00618	.0023	-.00007	-1.0617	-.89254
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3672.5	39720.	3070.3	45.381	4152.2
Stddev	7.2	183.	12.6	1.317	9.4
%RSD	.19648	.46108	.41098	2.9021	.22720
#1	3666.9	39593.	3065.7	44.567	4141.7
#2	3680.7	39637.	3060.7	44.675	4160.1
#3	3670.0	39930.	3084.6	46.900	4154.7

Sample Name: K2153-02DUP Acquired: 3/29/2019 21:30:34 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	-.00087	.00477	.00726	-.00397	-.17454	.08664	.00003
Stddev	.00445	.00126	.00112	.00171	.00042	.01152	.00096	.00013
%RSD	75.024	144.98	23.556	23.584	10.690	6.5988	1.1044	398.93
#1	.00091	.00054	.00439	.00678	-.00445	-.18462	.08765	-.00000
#2	.00937	-.00125	.00604	.00916	-.00382	-.17700	.08652	.00018
#3	.00752	-.00189	.00389	.00584	-.00364	-.16199	.08575	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	166.57	.00070	.00030	-.00005	-.02056	.07552	3.9225
Stddev	.00005	.34	.00053	.00015	.00028	.00085	.00039	.0327
%RSD	37.423	.20248	76.009	48.619	606.71	4.1191	.52074	.83338
#1	.00007	166.74	.00009	.00024	-.00035	-.02101	.07524	3.9252
#2	.00016	166.18	.00105	.00020	.00020	-.02109	.07535	3.9538
#3	.00014	166.79	.00096	.00047	.00001	-.01958	.07597	3.8885
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00822	-.00443	252.30	.00690	.03164	3.7762	.00725	.07192
Stddev	.00058	.00035	2.10	.00080	.00010	.0908	.00044	.02736
%RSD	7.0848	8.0133	.83424	11.644	.31187	2.4037	6.0862	38.044
#1	.00810	-.00403	254.72	.00767	.03158	3.8806	.00773	.07655
#2	.00770	-.00472	250.92	.00607	.03159	3.7320	.00686	.04254
#3	.00885	-.00454	251.25	.00697	.03175	3.7161	.00718	.09667
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.176	5.0113	-.00457	-.00277	.00574	.0123	.69780	3.8066
Stddev	.039	.0549	.00073	.00090	.00088	.0021	.00227	.2869
%RSD	.32030	1.0948	15.908	32.342	15.288	16.94	.32482	7.5379
#1	12.137	4.9629	-.00533	-.00334	.00584	.0102	.69981	3.5049
#2	12.215	5.0002	-.00388	-.00324	.00656	.0144	.69534	3.8390
#3	12.176	5.0709	-.00451	-.00174	.00482	.0124	.69824	4.0760

Sample Name: K2153-02DUP Acquired: 3/29/2019 21:30:34 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5501
Stddev	1.1623
%RSD	45.578

#1	2.7498
#2	1.3009
#3	3.5996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.5	38088.	3069.9	43.305	3658.0
Stddev	12.4	123.	12.2	.576	12.0
%RSD	.36450	.32237	.39739	1.3298	.32833

#1	3394.2	37979.	3081.0	42.682	3660.4
#2	3414.4	38221.	3071.8	43.818	3645.0
#3	3416.9	38065.	3056.8	43.416	3668.6

Sample Name: K2153-02LX5 Acquired: 3/29/2019 21:34:59 Type: Unk
Method: P4-ICP2(v3000) 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	-.00038	.00186	.00010	.00446	-.00221	-.03158	.02145	.00015
Stddev	.00222	.00026	.00103	.00202	.00084	.00824	.00037	.00002
%RSD	583.30	14.086	1036.5	45.238	37.793	26.106	1.7467	10.866

#1	.00121	.00184	.00076	.00679	-.00243	-.02377	.02182	.00016
#2	.00056	.00214	.00063	.00314	-.00292	-.03077	.02144	.00014
#3	-.00292	.00162	-.00109	.00346	-.00129	-.04019	.02108	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	35.226	.00052	-.00010	-.00225	-.00704	.01599	.78312
Stddev	.00005	.038	.00054	.00015	.00034	.00099	.00013	.00573
%RSD	5098.0	.10858	104.03	151.66	15.314	14.036	.80842	.73122

#1	.00003	35.183	.00009	-.00020	-.00192	-.00798	.01612	.78226
#2	-.00005	35.237	.00113	.00007	-.00261	-.00712	.01587	.78922
#3	.00002	35.256	.00034	-.00017	-.00221	-.00601	.01597	.77786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00035	50.142	.00138	.01175	.78035	.00157	.02434
Stddev	.00027	.00054	.250	.00064	.00006	.03372	.00032	.01605
%RSD	46.301	152.44	.49861	46.147	.53584	4.3210	20.674	65.938

#1	.00050	-.00053	50.388	.00095	.01167	.81922	.00124	.04187
#2	.00088	-.00078	50.150	.00211	.01178	.76279	.00157	.02080
#3	.00036	.00025	49.888	.00108	.01179	.75903	.00189	.01036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4027	1.0822	-.00201	.00026	-.00332	.0050	.14588	.72461
Stddev	.0085	.0095	.00014	.00486	.00124	.0019	.00080	.92796
%RSD	.35308	.88178	7.0024	1862.2	37.320	38.09	.54590	128.06

#1	2.3951	1.0849	-.00185	.00579	-.00191	.0071	.14667	.21857
#2	2.4118	1.0716	-.00211	-.00332	-.00381	.0038	.14591	1.7956
#3	2.4012	1.0901	-.00207	-.00168	-.00425	.0039	.14507	.15968

Sample Name: K2153-02LX5 Acquired: 3/29/2019 21:34:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3983
Stddev	1.6759
%RSD	119.86

#1	3.0938
#2	-.25733
#3	1.3583

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.4	39513.	3092.8	45.469	3981.0
Stddev	11.4	152.	16.0	1.216	12.0
%RSD	.31769	.38497	.51839	2.6750	.30217

#1	3579.3	39365.	3095.7	45.825	3970.6
#2	3599.4	39505.	3107.2	44.114	3978.3
#3	3598.7	39668.	3075.5	46.467	3994.2

Sample Name: K2153-02MS Acquired: 3/29/2019 21:39:26 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82981	1.9103	.93198	2.1205	.81853	1.8557	.30181
Stddev	.00683	.0098	.00043	.0082	.00541	.0227	.00044
%RSD	.82299	.51248	.04590	.38866	.66064	1.2232	.14538

#1	.83755	1.9195	.93160	2.1285	.82224	1.8509	.30130
#2	.82464	1.9115	.93244	2.1120	.81233	1.8358	.30204
#3	.82725	1.9000	.93188	2.1209	.82103	1.8804	.30208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20572	.19217	183.83	.42310	.19963	.30273	3.1077
Stddev	.00015	.00057	1.03	.00124	.00016	.00108	.0008
%RSD	.07351	.29592	.56191	.29258	.08022	.35523	.02494

#1	.20589	.19235	184.75	.42329	.19980	.30397	3.1072
#2	.20566	.19153	184.04	.42178	.19948	.30205	3.1072
#3	.20561	.19262	182.71	.42424	.19960	.30218	3.1086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28616	6.2694	.51942	.06934	277.83	.33496	.23651
Stddev	.00045	.0878	.00037	.00083	1.01	.00065	.00070
%RSD	.15618	1.4005	.07200	1.2006	.36321	.19528	.29501

#1	.28566	6.1687	.51937	.06897	278.54	.33569	.23608
#2	.28629	6.3100	.51906	.07030	276.68	.33476	.23613
#3	.28653	6.3297	.51981	.06876	278.28	.33443	.23731

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.025	.41456	.37870	F 13.231	6.3300	.68050	.19768
Stddev	.094	.00151	.01811	.059	.0309	.00190	.00316
%RSD	.62817	.36418	4.7832	.44539	.48845	.27928	1.5996

#1	14.959	.41575	.39338	13.295	6.3605	.68035	.19904
#2	14.983	.41286	.35846	13.180	6.3309	.67868	.19994
#3	15.133	.41507	.38426	13.217	6.2987	.68247	.19407

Sample Name: K2153-02MS Acquired: 3/29/2019 21:39:26 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-1MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22709	6.111	.96855	7.7671	F<.00000
Stddev	.00070	.023	.00794	.3626	.96519
%RSD	.31009	.3767	.81972	4.6682	18.268

#1	.22779	6.136	.97687	7.8919	-5.7604
#2	.22638	6.091	.96771	8.0508	-4.1728
#3	.22710	6.105	.96106	7.3586	-5.9176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.7	37643.	3026.4	43.410	3602.2
Stddev	9.1	106.	22.7	1.587	2.5
%RSD	.27031	.28245	.75026	3.6565	.07044

#1	3345.3	37531.	3006.5	42.291	3599.4
#2	3363.5	37656.	3021.6	42.713	3602.8
#3	3355.4	37743.	3051.2	45.227	3604.3

Sample Name: K2153-02MSD Acquired: 3/29/2019 21:43:34 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82656	1.9174	.93923	2.1090	.82039	1.8549	.30100
Stddev	.00023	.0120	.00899	.0048	.00153	.0259	.00273
%RSD	.02727	.62737	.95762	.22601	.18629	1.3983	.90574

#1	.82631	1.9072	.93666	2.1140	.82075	1.8512	.29822
#2	.82666	1.9307	.94923	2.1085	.82170	1.8310	.30111
#3	.82673	1.9145	.93180	2.1045	.81871	1.8825	.30366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20649	.19342	184.99	.42391	.20120	.30328	3.1227
Stddev	.00020	.00120	.74	.00259	.00097	.00136	.0075
%RSD	.09692	.61787	.40094	.61087	.48051	.44763	.23893

#1	.20671	.19319	185.63	.42299	.20045	.30478	3.1143
#2	.20632	.19472	185.17	.42191	.20229	.30292	3.1255
#3	.20644	.19236	184.18	.42683	.20085	.30213	3.1284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28719	6.4214	.52259	.06937	274.44	.33701	.23766
Stddev	.00043	.0797	.00424	.00034	.91	.00221	.00138
%RSD	.15073	1.2413	.81197	.48350	.33143	.65680	.58009

#1	.28669	6.4566	.52033	.06915	273.75	.33516	.23786
#2	.28739	6.4775	.52749	.06976	275.47	.33946	.23893
#3	.28749	6.3302	.51996	.06921	274.09	.33642	.23619

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.108	.41568	.37099	F 13.206	6.4245	.68572	.19872
Stddev	.184	.00140	.02333	.085	.0246	.00443	.00369
%RSD	1.2184	.33703	6.2898	.64324	.38312	.64677	1.8584

#1	14.970	.41646	.34410	13.183	6.4515	.68641	.20116
#2	15.035	.41653	.38294	13.300	6.4185	.68976	.19447
#3	15.317	.41407	.38593	13.135	6.4033	.68097	.20052

Sample Name: K2153-02MSD Acquired: 3/29/2019 21:43:34 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23002	6.112	.97022	7.8278	F<.00000
Stddev	.00146	.049	.00755	.4847	1.5989
%RSD	.63433	.8017	.77857	6.1923	29.492

#1	.22837	6.082	.97769	7.7123	-4.9956
#2	.23054	6.169	.97039	7.4112	-7.1903
#3	.23114	6.086	.96259	8.3598	-4.0787

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.8	37595.	2989.7	43.314	3590.0
Stddev	4.7	107.	12.8	.791	15.3
%RSD	.14136	.28361	.42947	1.8254	.42592

#1	3351.9	37714.	2975.4	42.798	3596.8
#2	3361.4	37560.	2993.5	44.224	3572.5
#3	3357.1	37510.	3000.2	42.920	3600.7

Sample Name: K2153-02A Acquired: 3/29/2019 21:47:47 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82599	1.9022	.92881	2.1023	.81398	1.8409	.30086
Stddev	.00075	.0066	.00127	.0034	.00299	.0127	.00104
%RSD	.09051	.34886	.13629	.16074	.36680	.69112	.34668

#1	.82515	1.9088	.92907	2.1035	.81563	1.8262	.30139
#2	.82657	1.9022	.92993	2.1050	.81053	1.8485	.29966
#3	.82625	1.8955	.92744	2.0985	.81577	1.8481	.30153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20619	.19195	185.27	.42391	.19890	.30186	3.1154
Stddev	.00067	.00022	.27	.00146	.00009	.00068	.0087
%RSD	.32470	.11379	.14397	.34333	.04754	.22489	.28016

#1	.20646	.19170	184.97	.42557	.19897	.30208	3.1103
#2	.20543	.19213	185.38	.42286	.19879	.30240	3.1103
#3	.20668	.19200	185.48	.42329	.19894	.30110	3.1254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28693	6.3065	.52021	.06915	276.39	.33751	.23590
Stddev	.00072	.0540	.00084	.00149	1.38	.00210	.00025
%RSD	.25140	.85556	.16117	2.1516	.49869	.62299	.10628

#1	.28724	6.2657	.52024	.06833	277.54	.33803	.23606
#2	.28745	6.2861	.51936	.06826	274.86	.33519	.23561
#3	.28611	6.3677	.52103	.07087	276.78	.33930	.23603

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.970	.41284	.36777	F 13.115	6.3572	.67913	.19531
Stddev	.008	.00147	.03869	.035	.0455	.00369	.00014
%RSD	.05603	.35655	10.519	.26962	.71509	.54318	.07370

#1	14.961	.41216	.37133	13.153	6.3376	.68316	.19542
#2	14.971	.41184	.32742	13.082	6.4092	.67591	.19535
#3	14.978	.41453	.40455	13.110	6.3248	.67833	.19514

Sample Name: K2153-02A Acquired: 3/29/2019 21:47:47 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8092 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22753	6.066	.97050	6.9863	F<.00000
Stddev	.00134	.028	.00181	.4848	2.0054
%RSD	.58696	.4535	.18689	6.9394	37.147

#1	.22608	6.096	.97203	6.5951	-3.1033
#2	.22871	6.043	.97099	6.8350	-6.8116
#3	.22779	6.058	.96850	7.5287	-6.2809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3366.8	37838.	3019.7	43.266	3608.0
Stddev	15.3	117.	13.1	1.277	19.4
%RSD	.45561	.30896	.43348	2.9512	.53895

#1	3349.3	37756.	3028.4	42.966	3585.9
#2	3372.8	37972.	3004.7	42.166	3616.1
#3	3378.2	37786.	3026.1	44.666	3622.2

Sample Name: K2153-04 Acquired: 3/29/2019 21:51:57 Type: Unk

Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONC-2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00469	.00057	.00205	.00909	-.00327	.10116	.13612	.00001
Stddev	.00541	.00148	.00009	.00201	.00172	.01040	.00349	.00008
%RSD	115.21	260.75	4.4988	22.074	52.582	10.278	2.5624	539.69

#1	-.00072	-.00114	.00207	.00719	-.00183	.10059	.13262	-.00008
#2	.00470	.00128	.00196	.01119	-.00280	.09106	.13959	.00007
#3	.01010	.00156	.00214	.00889	-.00517	.11183	.13617	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	174.37	.00134	-.00045	-.00008	-.01223	-.00067	.03449
Stddev	.00011	1.16	.00004	.00027	.00059	.00201	.00004	.03750
%RSD	248.09	.66345	2.7451	59.665	747.97	16.419	6.2167	108.73

#1	.00001	175.56	.00133	-.00057	-.00009	-.01290	-.00072	.07194
#2	.00017	173.25	.00138	-.00065	-.00066	-.01383	-.00065	-.00306
#3	-.00004	174.32	.00131	-.00014	.00051	-.00998	-.00065	.03460

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	-.00392	301.76	.00159	.00599	4.9914	.00563	.01778
Stddev	.00035	.00036	5.82	.00016	.00004	.0342	.00017	.00572
%RSD	16.131	9.0942	1.9273	10.089	.66799	.68602	3.0671	32.145

#1	-.00236	-.00419	299.05	.00144	.00602	4.9738	.00580	.01756
#2	-.00235	-.00405	308.44	.00176	.00599	5.0309	.00546	.02360
#3	-.00176	-.00352	297.79	.00157	.00594	4.9696	.00564	.01218

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7626	1.3081	-.00220	-.00683	.00715	.0033	1.6525	3.5803
Stddev	.0064	.0279	.00071	.00081	.00184	.0005	.0185	1.1441
%RSD	.13501	2.1295	32.285	11.870	25.740	16.24	1.1196	31.955

#1	4.7610	1.3340	-.00147	-.00704	.00785	.0034	1.6722	2.2901
#2	4.7572	1.2787	-.00223	-.00593	.00506	.0027	1.6356	4.4711
#3	4.7697	1.3116	-.00289	-.00751	.00853	.0037	1.6496	3.9798

Sample Name: K2153-04 Acquired: 3/29/2019 21:51:57 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.3451
Stddev	.9536
%RSD	17.840

#1	6.1266
#2	4.2826
#3	5.6261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.1	37871.	3065.7	43.645	3607.2
Stddev	10.0	88.	37.3	1.349	2.2
%RSD	.29526	.23191	1.2155	3.0898	.06204

#1	3369.6	37881.	3024.0	43.138	3608.8
#2	3387.1	37779.	3095.6	45.174	3608.2
#3	3386.6	37954.	3077.5	42.624	3604.7

Sample Name: K2153-06 Acquired: 3/29/2019 21:56:32 Type: Unk

Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONC-3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00327	-.00095	.00075	.01022	-.00275	.06636	.08536	-.00001
Stddev	.00347	.00179	.00068	.00206	.00066	.01589	.00030	.00002
%RSD	106.18	187.87	90.024	20.147	23.947	23.944	.35366	319.53

#1	.00158	-.00268	.00027	.01210	-.00221	.08362	.08519	.00000
#2	.00097	-.00107	.00046	.01053	-.00256	.06312	.08571	-.00003
#3	.00725	.00089	.00152	.00802	-.00349	.05234	.08518	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	159.19	.00206	-.00046	.00325	-.01271	-.00031	-.14628
Stddev	.00006	.55	.00065	.00009	.00015	.00033	.00007	.03813
%RSD	54.620	.34695	31.598	18.476	4.7109	2.5780	21.091	26.066

#1	.00004	159.39	.00159	-.00055	.00333	-.01283	-.00038	-.18984
#2	.00015	158.56	.00178	-.00038	.00334	-.01234	-.00025	-.11893
#3	.00012	159.61	.00280	-.00046	.00307	-.01296	-.00030	-.13007

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	-.00379	278.46	.00246	.00474	3.1558	.02114	.03660
Stddev	.00021	.00092	.74	.00023	.00004	.0251	.00034	.01417
%RSD	7.6715	24.262	.26745	9.1612	.74042	.79675	1.6059	38.726

#1	-.00264	-.00274	279.25	.00236	.00470	3.1569	.02152	.02088
#2	-.00254	-.00418	277.77	.00272	.00475	3.1301	.02086	.04053
#3	-.00294	-.00446	278.37	.00231	.00477	3.1804	.02103	.04839

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0037	1.4901	-.00257	-.00409	.00340	.0071	1.1670	5.1344
Stddev	.0047	.0027	.00071	.00160	.00218	.0008	.0064	.4616
%RSD	.09315	.18087	27.736	39.058	64.309	11.55	.55123	8.9912

#1	5.0010	1.4931	-.00297	-.00523	.00256	.0062	1.1715	4.6702
#2	5.0010	1.4891	-.00175	-.00226	.00588	.0073	1.1596	5.1395
#3	5.0090	1.4880	-.00300	-.00477	.00176	.0078	1.1699	5.5935

Sample Name: K2153-06 Acquired: 3/29/2019 21:56:32 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7217
Stddev 1.7517
%RSD 30.616

#1 4.4242
#2 5.0265
#3 7.7143

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.3	37670.	3016.6	42.571	3615.5
Stddev	11.2	99.	11.3	1.005	14.6
%RSD	.33115	.26357	.37345	2.3606	.40352

#1	3368.6	37556.	3006.1	41.767	3603.3
#2	3378.5	37728.	3028.5	43.697	3611.7
#3	3390.9	37728.	3015.2	42.248	3631.7

Sample Name: K2153-08 Acquired: 3/29/2019 22:00:58 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00031	.00189	.00826	-.00100	-.14028	.05253	-.00002
Stddev	.00246	.00068	.00143	.00159	.00084	.02276	.00052	.00008
%RSD	232.20	216.60	75.760	19.271	83.986	16.222	.98457	348.20

#1	.00006	-.00009	.00231	.00799	-.00050	-.15772	.05221	-.00004
#2	-.00074	.00023	.00029	.00682	-.00197	-.11454	.05313	-.00010
#3	.00386	-.00107	.00306	.00997	-.00053	-.14858	.05227	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	134.19	.00196	-.00043	.00316	-.01266	-.00047	1.7510
Stddev	.00004	.36	.00034	.00014	.00027	.00107	.00003	.0210
%RSD	267.27	.27036	17.147	31.893	8.6766	8.4388	7.3609	1.1981

#1	.00004	134.11	.00202	-.00058	.00346	-.01184	-.00051	1.7491
#2	.00003	133.87	.00227	-.00039	.00292	-.01227	-.00045	1.7311
#3	-.00003	134.59	.00160	-.00031	.00311	-.01387	-.00046	1.7729

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	-.00312	245.03	.00434	.00302	3.5483	.01488	.04232
Stddev	.00016	.00064	1.32	.00028	.00014	.0156	.00015	.03553
%RSD	7.8366	20.488	.54056	6.3337	4.5247	.44035	1.0207	83.954

#1	-.00225	-.00239	244.58	.00460	.00305	3.5535	.01473	.04257
#2	-.00215	-.00357	244.00	.00438	.00314	3.5307	.01503	.00667
#3	-.00192	-.00341	246.52	.00405	.00287	3.5606	.01489	.07774

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9844	2.6549	-.00376	-.00511	.00237	.0067	.70199	3.1919
Stddev	.0275	.0289	.00080	.00254	.00056	.0008	.00154	.9038
%RSD	.27519	1.0875	21.343	49.756	23.542	12.07	.21958	28.314

#1	10.013	2.6881	-.00408	-.00257	.00196	.0058	.70348	2.3433
#2	9.9820	2.6407	-.00436	-.00510	.00214	.0074	.70040	3.0902
#3	9.9583	2.6358	-.00285	-.00766	.00300	.0070	.70210	4.1422

Sample Name: K2153-08 Acquired: 3/29/2019 22:00:58 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7834
Stddev	1.1305
%RSD	29.879

#1	4.9437
#2	2.6854
#3	3.7211

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3400.5	37787.	3038.8	42.426	3659.3
Stddev	14.7	75.	7.9	1.168	23.1
%RSD	.43267	.19816	.25926	2.7529	.63131

#1	3387.8	37739.	3029.8	42.108	3648.8
#2	3397.2	37873.	3044.5	41.450	3643.3
#3	3416.6	37749.	3042.2	43.720	3685.8

Sample Name: K2153-10 Acquired: 3/29/2019 22:05:23 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00619	-.00064	.00200	.01108	-.00058	-.15835	.04501	-.00003
Stddev	.00256	.00188	.00151	.00224	.00177	.02814	.00143	.00003
%RSD	41.276	292.23	75.267	20.201	303.21	17.768	3.1830	92.821

#1	.00536	.00132	.00347	.01147	-.00256	-.13113	.04352	-.00000
#2	.00906	-.00083	.00046	.00867	-.00002	-.15661	.04638	-.00007
#3	.00415	-.00242	.00208	.01310	.00083	-.18732	.04514	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	147.56	.00851	-.00048	.00961	-.00258	-.00062	.80894
Stddev	.00003	.56	.00020	.00016	.00055	.00020	.00003	.01792
%RSD	251.89	.37849	2.3307	34.180	5.7369	7.7626	4.2474	2.2147

#1	-.00003	147.96	.00828	-.00065	.00924	-.00281	-.00062	.82850
#2	-.00003	147.81	.00862	-.00033	.01025	-.00242	-.00060	.80500
#3	.00002	146.92	.00863	-.00045	.00935	-.00252	-.00065	.79333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	-.00348	264.01	.00894	.00172	3.4759	.02052	.03125
Stddev	.00061	.00070	.80	.00037	.00015	.0102	.00005	.01569
%RSD	28.918	20.061	.30170	4.1426	8.7093	.29444	.25957	50.222

#1	-.00237	-.00287	264.93	.00936	.00163	3.4869	.02046	.03791
#2	-.00141	-.00333	263.53	.00877	.00164	3.4667	.02054	.04251
#3	-.00254	-.00424	263.56	.00868	.00189	3.4741	.02057	.01332

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7731	3.3088	-.00361	-.00355	.00192	.0081	.61553	3.0384
Stddev	.0346	.0174	.00024	.00676	.00277	.0017	.00339	.5219
%RSD	.44522	.52511	6.6437	190.30	144.38	20.85	.55098	17.178

#1	7.7999	3.3172	-.00346	-.00486	-.00064	.0062	.61723	2.4422
#2	7.7340	3.3203	-.00388	-.00956	.00154	.0086	.61773	3.2605
#3	7.7855	3.2888	-.00347	.00376	.00485	.0094	.61162	3.4126

Sample Name: K2153-10 Acquired: 3/29/2019 22:05:23 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5724
 Stddev .2528
 %RSD 9.8286

#1 2.8642
 #2 2.4195
 #3 2.4335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.0	38127.	3007.0	43.734	3642.0
Stddev	13.6	74.	14.1	2.075	28.6
%RSD	.40016	.19458	.46953	4.7437	.78574

#1	3383.4	38042.	2992.1	43.735	3609.7
#2	3405.9	38179.	3008.8	41.658	3652.2
#3	3407.8	38160.	3020.2	45.808	3664.1

Sample Name: K2153-12 Acquired: 3/29/2019 22:09:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00061	.00132	.00906	-.00380	.15511	.24473	-.00007
Stddev	.00116	.00031	.00073	.00089	.00043	.01626	.00086	.00005
%RSD	84.021	50.426	55.275	9.8177	11.299	10.483	.35293	82.139

#1	.00025	-.00095	.00081	.00936	-.00429	.13661	.24374	-.00011
#2	.00133	-.00035	.00099	.00975	-.00361	.16710	.24509	-.00001
#3	.00258	-.00054	.00215	.00806	-.00350	.16163	.24535	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	186.41	.00088	-.00059	-.00070	-.00897	-.00045	-.10353
Stddev	.00003	.47	.00032	.00023	.00057	.00046	.00003	.06068
%RSD	23.776	.25433	36.599	38.860	80.896	5.0876	7.1341	58.611

#1	.00014	186.88	.00126	-.00060	-.00102	-.00876	-.00045	-.13430
#2	.00011	186.43	.00066	-.00035	-.00105	-.00949	-.00041	-.14267
#3	.00008	185.93	.00073	-.00081	-.00005	-.00865	-.00048	-.03363

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	-.00473	310.32	.00079	.00937	2.5172	.00343	.01624
Stddev	.00025	.00069	1.00	.00069	.00023	.0413	.00044	.01860
%RSD	7.4558	14.580	.32178	86.681	2.4401	1.6423	12.953	114.57

#1	-.00333	-.00393	311.38	.00112	.00963	2.4742	.00379	.00620
#2	-.00365	-.00511	310.17	.00125	.00918	2.5566	.00293	.00481
#3	-.00316	-.00514	309.40	.00000	.00931	2.5210	.00357	.03770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5600	.44616	-.00126	-.00527	.00795	.0024	1.7530	3.8285
Stddev	.0086	.00468	.00080	.00238	.00202	.0008	.0115	.2957
%RSD	.55042	1.0490	63.279	45.179	25.412	33.20	.65475	7.7237

#1	1.5682	.44641	-.00173	-.00310	.00751	.0025	1.7618	3.6188
#2	1.5511	.45071	-.00170	-.00490	.00618	.0032	1.7571	4.1667
#3	1.5606	.44136	-.00034	-.00782	.01014	.0016	1.7400	3.7000

Sample Name: K2153-12 Acquired: 3/29/2019 22:09:49 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8138
 Stddev .1981
 %RSD 5.1948

#1 3.8444
 #2 3.9948
 #3 3.6021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.9	37825.	3018.4	43.077	3585.0
Stddev	4.6	206.	19.7	1.440	6.1
%RSD	.13561	.54378	.65250	3.3431	.17044

#1	3367.9	37941.	3008.6	41.559	3589.6
#2	3376.9	37587.	3005.6	43.249	3578.0
#3	3374.0	37946.	3041.1	44.423	3587.3

Sample Name: CCV11 Acquired: 3/29/2019 22:14:25 Type: Unk
Method: P4-ICP2(v3000) 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	5.0112	5.1136	4.8551	5.1322	4.9944	9.5682	9.6151	.25429
Stddev	.0042	.0136	.0070	.0063	.0079	.0598	.0123	.00042
%RSD	.08460	.26563	.14387	.12244	.15782	.62522	.12822	.16595
#1	5.0134	5.1170	4.8478	5.1384	4.9858	9.5963	9.6233	.25478
#2	5.0063	5.1252	4.8617	5.1259	4.9962	9.6088	9.6009	.25411
#3	5.0138	5.0987	4.8556	5.1325	5.0012	9.4995	9.6211	.25399
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4797	26.158	1.0477	2.4885	1.2402	5.2507	2.5469	24.766
Stddev	.0022	.186	.0037	.0018	.0011	.0120	.0022	.114
%RSD	.09088	.70917	.34805	.07262	.09018	.22896	.08843	.45977
#1	2.4771	25.977	1.0456	2.4866	1.2403	5.2432	2.5490	24.893
#2	2.4813	26.348	1.0456	2.4886	1.2391	5.2443	2.5446	24.672
#3	2.4807	26.151	1.0519	2.4902	1.2413	5.2645	2.5471	24.735
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5894	1.2740	24.235	2.6253	2.4651	24.488	5.0170	4.8920
Stddev	.0021	.0036	.069	.0049	.0012	.073	.0034	.0635
%RSD	.08039	.28237	.28421	.18610	.04994	.29708	.06790	1.2988
#1	2.5871	1.2741	24.315	2.6202	2.4640	24.483	5.0155	4.9482
#2	2.5898	1.2775	24.198	2.6259	2.4665	24.417	5.0146	4.9046
#3	2.5912	1.2704	24.193	2.6299	2.4649	24.563	5.0209	4.8231
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9366	5.2628	5.0697	5.1732	5.1240	5.087	5.1105	F 1.9181
Stddev	.0046	.0269	.0109	.0141	.0163	.014	.0182	.4095
%RSD	.09429	.51156	.21511	.27230	.31828	.2770	.35579	21.351
#1	4.9372	5.2328	5.0592	5.1570	5.1067	5.100	5.0932	2.0124
#2	4.9316	5.2707	5.0810	5.1811	5.1262	5.089	5.1090	1.4697
#3	4.9409	5.2849	5.0688	5.1816	5.1390	5.072	5.1294	2.2723

Sample Name: CCV11 Acquired: 3/29/2019 22:14:25 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .27380
Stddev	.62957
%RSD	229.94

#1	.82110
#2	.41452
#3	-.41422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.4	39646.	3042.5	45.264	3806.3
Stddev	1.6	84.	6.8	1.745	2.4
%RSD	.04444	.21282	.22416	3.8553	.06284

#1	3599.7	39562.	3049.9	44.620	3805.5
#2	3602.9	39645.	3036.4	47.240	3804.4
#3	3601.5	39731.	3041.3	43.933	3809.0

Sample Name: CCB11 Acquired: 3/29/2019 22:18:25 Type: Unk
Method: P4-ICP2(v3000) 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	-.00163	.00189	-.00181	.00360	-.00045	-.01663	.00525
Stddev	.00214	.00092	.00019	.00165	.00057	.00682	.00060
%RSD	131.06	49.004	10.249	45.861	128.50	41.029	11.350

#1	-.00050	.00239	-.00167	.00334	.00005	-.01693	.00457
#2	-.00030	.00082	-.00202	.00210	-.00107	-.02329	.00555
#3	-.00410	.00245	-.00175	.00537	-.00032	-.00966	.00564

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00004	.00949	.00043	.00012	-.00361	.00242
Stddev	.00006	.00007	.02104	.00010	.00016	.00047	.00067
%RSD	432.98	177.72	221.63	23.486	131.62	12.934	27.701

#1	-.00002	.00001	.03378	.00037	.00028	-.00308	.00171
#2	.00008	-.00001	-.00281	.00054	-.00004	-.00379	.00304
#3	-.00002	-.00011	-.00249	.00037	.00013	-.00396	.00251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.07357	.00000	.00011	.25827	-.00042	-.00045
Stddev	.00006	.10602	.00017	.00024	.00171	.00053	.00007
%RSD	18.583	144.10	7084.6	218.72	.66351	126.01	14.547

#1	.00024	-.06282	-.00018	.00021	.25912	-.00037	-.00041
#2	.00030	.02666	.00017	-.00016	.25630	.00008	-.00042
#3	.00035	-.18456	.00002	.00028	.25939	-.00097	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07257	.00028	.02373	-.00265	-.00052	-.00046	.00011
Stddev	.01000	.00028	.01949	.00148	.00615	.00037	.00398
%RSD	13.787	98.269	82.133	55.811	1190.6	79.884	3611.8

#1	.06134	.00010	.02735	-.00193	-.00159	-.00080	.00465
#2	.08054	.00060	.00269	-.00435	-.00606	-.00053	-.00276
#3	.07582	.00014	.04116	-.00166	.00610	-.00007	-.00156

Sample Name: CCB11 Acquired: 3/29/2019 22:18:25 Type: Unk
Method: P4-ICP2(v3000) 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	-.00724	.0032	.00008	F<.00000	F<.00000
Stddev	.00164	.0014	.00009	.54117	.57072
%RSD	22.664	44.29	110.72	43.328	77.101
#1	-.00686	.0017	.00014	-1.7236	-1.0284
#2	-.00582	.0034	-.00002	-.65968	-.08287
#3	-.00903	.0045	.00013	-1.3637	-1.1094
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3727.3	40451.	3105.7	44.014	4205.4
Stddev	9.6	74.	25.8	.580	7.6
%RSD	.25623	.18260	.83230	1.3172	.18132
#1	3724.8	40395.	3115.7	43.983	4200.8
#2	3737.9	40423.	3125.0	44.608	4214.2
#3	3719.3	40535.	3076.3	43.450	4201.2

Sample Name: K2153-14 Acquired: 3/29/2019 22:22:54 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-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	.00490	-.00017	.00153	.01332	-.00330	-.02782	.09725	-.00006
Stddev	.00609	.00098	.00103	.00277	.00208	.00856	.00153	.00007
%RSD	124.28	566.25	67.206	20.836	63.054	30.785	1.5759	116.51

#1	.00317	.00093	.00271	.01187	-.00175	-.03078	.09716	-.00006
#2	.01166	-.00053	.00104	.01157	-.00248	-.03450	.09883	-.00013
#3	-.00014	-.00092	.00083	.01652	-.00566	-.01816	.09577	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	189.60	.00155	-.00054	.00499	-.00412	-.00001	-.05431
Stddev	.00010	.26	.00022	.00014	.00057	.00055	.00004	.03641
%RSD	96.905	.13578	14.324	26.083	11.453	13.323	291.76	67.036

#1	.00003	189.64	.00170	-.00064	.00554	-.00389	-.00000	-.01578
#2	.00022	189.84	.00166	-.00038	.00503	-.00371	.00002	-.08814
#3	.00006	189.33	.00130	-.00061	.00440	-.00474	-.00006	-.05902

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	-.00418	343.97	.00683	.00844	3.4249	.03226	.04636
Stddev	.00049	.00058	3.63	.00046	.00014	.0714	.00058	.02036
%RSD	23.691	13.981	1.0544	6.6988	1.6920	2.0852	1.7964	43.924

#1	-.00177	-.00351	345.26	.00634	.00850	3.3833	.03222	.03583
#2	-.00262	-.00444	346.77	.00725	.00855	3.5074	.03286	.06984
#3	-.00179	-.00459	339.87	.00689	.00828	3.3841	.03171	.03342

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7915	2.3883	-.00163	-.00474	.00546	.0117	1.2435	3.5792
Stddev	.0149	.0278	.00136	.00321	.00064	.0015	.0029	.5359
%RSD	.21946	1.1656	83.162	67.857	11.701	13.22	.23483	14.973

#1	6.7822	2.4164	-.00311	-.00167	.00476	.0133	1.2447	3.2041
#2	6.8087	2.3877	-.00045	-.00447	.00602	.0116	1.2457	3.3406
#3	6.7837	2.3608	-.00133	-.00808	.00559	.0102	1.2402	4.1930

Sample Name: K2153-14 Acquired: 3/29/2019 22:22:54 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-7 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5625
Stddev	.5256
%RSD	9.4483

#1	6.1243
#2	5.4804
#3	5.0828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.6	37580.	3007.1	42.210	3564.2
Stddev	22.2	121.	11.4	.877	8.8
%RSD	.65856	.32221	.37958	2.0789	.24752

#1	3376.3	37592.	2996.6	41.833	3557.9
#2	3346.1	37453.	3005.4	41.584	3560.5
#3	3389.3	37694.	3019.2	43.213	3574.3

Sample Name: K2153-16 Acquired: 3/29/2019 22:27:29 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00314	.23742	.00877	-.00151	-.12777	.31736	.00002
Stddev	.00376	.00108	.00205	.00057	.00312	.02559	.00418	.00001
%RSD	789.74	34.306	.86145	6.5226	206.82	20.027	1.3186	29.125

#1	.00359	-.00195	.23618	.00926	-.00363	-.11607	.31428	.00002
#2	-.00121	-.00405	.23630	.00814	-.00298	-.11013	.31567	.00002
#3	-.00381	-.00343	.23978	.00892	.00208	-.15712	.32212	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	129.54	.00065	.01139	.00586	.01715	.61296	2.4170
Stddev	.00006	2.07	.00067	.00022	.00049	.00102	.00154	.1145
%RSD	1.6866	1.5953	103.78	1.8889	8.3506	5.9719	.25193	4.7372

#1	.00332	130.73	.00135	.01148	.00534	.01828	.61144	2.3635
#2	.00343	130.74	.00001	.01155	.00591	.01629	.61453	2.5485
#3	.00335	127.15	.00058	.01115	.00632	.01689	.61292	2.3391

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03083	-.00343	317.19	-.00095	1.0314	4.2527	.00236	.04751
Stddev	.00032	.00059	2.20	.00040	.0016	.0518	.00030	.01864
%RSD	1.0269	17.289	.69378	42.136	.15874	1.2177	12.883	39.243

#1	.03064	-.00345	319.69	-.00099	1.0322	4.2140	.00271	.02646
#2	.03119	-.00401	315.54	-.00053	1.0295	4.2326	.00226	.06193
#3	.03065	-.00282	316.33	-.00132	1.0324	4.3115	.00212	.05415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7167	4.4269	-.00215	-.00401	.00846	.0045	.53048	3.8769
Stddev	.0100	.0568	.00001	.00378	.00256	.0008	.00972	.7873
%RSD	.36957	1.2843	.68132	94.172	30.245	17.57	1.8317	20.308

#1	2.7184	4.4377	-.00217	-.00830	.00721	.0045	.53700	4.7373
#2	2.7258	4.4776	-.00214	-.00117	.01141	.0037	.53511	3.1924
#3	2.7059	4.3654	-.00216	-.00256	.00677	.0052	.51931	3.7011

Sample Name: K2153-16 Acquired: 3/29/2019 22:27:29 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-8 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2530
Stddev	1.0081
%RSD	23.704

#1	3.1166
#2	5.0398
#3	4.6026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.8	38131.	3042.8	42.992	3635.2
Stddev	5.4	147.	60.9	1.216	9.0
%RSD	.15870	.38500	2.0024	2.8279	.24669

#1	3405.4	38015.	3001.4	43.366	3627.5
#2	3408.2	38081.	3014.3	41.633	3645.1
#3	3397.8	38296.	3112.8	43.977	3633.0

Sample Name: K2153-18 Acquired: 3/29/2019 22:32:01 Type: Unk

Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CONC-9 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00449	-.00180	.00205	.01079	-.00407	.13781	.11259	-.00006
Stddev	.00302	.00028	.00065	.00208	.00057	.00506	.00112	.00003
%RSD	67.302	15.842	31.809	19.258	14.089	3.6753	.99103	42.836

#1	.00576	-.00180	.00279	.01160	-.00402	.13244	.11257	-.00004
#2	.00667	-.00151	.00176	.01234	-.00353	.14251	.11372	-.00005
#3	.00104	-.00208	.00158	.00843	-.00467	.13848	.11149	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	182.51	.00147	-.00045	.00454	-.00404	.00511	-.09639
Stddev	.00004	2.06	.00051	.00007	.00013	.00026	.00009	.10612
%RSD	82.837	1.1287	34.469	14.433	2.8659	6.5018	1.7493	110.10

#1	.00003	182.83	.00111	-.00040	.00455	-.00431	.00501	.02511
#2	.00003	180.31	.00126	-.00053	.00441	-.00403	.00514	-.14334
#3	.00010	184.40	.00206	-.00043	.00467	-.00378	.00518	-.17093

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	-.00403	324.72	.00138	.00539	4.4680	.03080	.03121
Stddev	.00053	.00030	1.44	.00043	.00026	.0249	.00053	.02317
%RSD	16.176	7.4454	.44335	31.404	4.7452	.55673	1.7363	74.234

#1	-.00373	-.00372	326.14	.00089	.00537	4.4881	.03128	.04329
#2	-.00269	-.00404	324.76	.00154	.00514	4.4759	.03022	.04586
#3	-.00335	-.00432	323.26	.00172	.00565	4.4402	.03089	.00450

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5231	1.3132	-.00200	-.00376	.00538	.0068	1.5180	3.8519
Stddev	.0089	.0188	.00100	.00483	.00023	.0024	.0154	.3448
%RSD	.16206	1.4355	50.241	128.48	4.2156	35.45	1.0154	8.9527

#1	5.5300	1.3181	-.00130	-.00074	.00515	.0062	1.5207	3.6906
#2	5.5130	1.2924	-.00315	-.00932	.00541	.0095	1.5014	3.6172
#3	5.5263	1.3291	-.00154	-.00121	.00560	.0048	1.5319	4.2478

Sample Name: K2153-18 Acquired: 3/29/2019 22:32:01 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-9 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2212
 Stddev 1.4816
 %RSD 45.995

#1 3.5252
 #2 1.6112
 #3 4.5272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.8	37785.	2987.0	41.354	3590.3
Stddev	5.9	41.	34.4	.424	20.4
%RSD	.17543	.10893	1.1519	1.0259	.56818

#1	3358.0	37743.	2966.4	41.234	3583.3
#2	3368.7	37826.	3026.7	41.002	3613.3
#3	3367.7	37787.	2967.9	41.825	3574.4

Sample Name: K2153-20 Acquired: 3/29/2019 22:36:35 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-10 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	-.00176	.00307	.00809	-.00076	-.15647	.09888	-.00007
Stddev	.00299	.00134	.00113	.00470	.00034	.00669	.00048	.00005
%RSD	82.149	76.605	36.860	58.047	45.120	4.2764	.48416	71.348

#1	.00218	-.00330	.00348	.00493	-.00109	-.16351	.09902	-.00009
#2	.00707	-.00114	.00179	.01349	-.00041	-.15020	.09928	-.00009
#3	.00166	-.00083	.00395	.00586	-.00078	-.15569	.09835	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	158.06	.00132	-.00013	-.00006	-.01302	.01749	3.0213
Stddev	.00012	.60	.00001	.00006	.00024	.00043	.00010	.0305
%RSD	103.82	.37927	.70748	45.301	415.82	3.3330	.59477	1.0102

#1	.00006	157.99	.00133	-.00007	-.00023	-.01267	.01741	2.9861
#2	.00025	157.50	.00131	-.00013	.00022	-.01290	.01761	3.0396
#3	.00003	158.70	.00131	-.00019	-.00016	-.01351	.01745	3.0383

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	-.00373	289.77	.00078	.00786	4.3707	.02504	.05402
Stddev	.00054	.00044	.64	.00072	.00004	.0485	.00003	.03568
%RSD	23.386	11.767	.22033	92.180	.44813	1.1094	.11521	66.047

#1	-.00181	-.00375	290.23	.00008	.00786	4.3696	.02506	.08377
#2	-.00224	-.00416	289.04	.00152	.00782	4.3228	.02505	.06382
#3	-.00289	-.00328	290.03	.00074	.00789	4.4198	.02501	.01446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0792	4.0960	-.00280	-.00234	.00695	.0094	.88067	3.4308
Stddev	.0208	.0154	.00037	.00296	.00045	.0004	.00190	.4642
%RSD	.22913	.37703	13.372	126.72	6.4227	4.793	.21610	13.529

#1	9.0755	4.0906	-.00251	-.00484	.00653	.0096	.88147	3.9210
#2	9.0605	4.1134	-.00322	.00094	.00691	.0089	.87849	2.9980
#3	9.1016	4.0840	-.00267	-.00312	.00742	.0097	.88203	3.3733

Sample Name: K2153-20 Acquired: 3/29/2019 22:36:35 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-10 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7192
 Stddev .6320
 %RSD 36.758

#1 1.0971
 #2 1.6999
 #3 2.3606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.7	38229.	3013.3	43.120	3650.0
Stddev	14.6	52.	4.6	.687	20.1
%RSD	.43005	.13696	.15409	1.5938	.54980

#1	3381.8	38206.	3012.1	42.340	3628.6
#2	3407.3	38192.	3009.4	43.635	3668.4
#3	3406.9	38289.	3018.4	43.386	3653.1

Sample Name: K2112-02 Acquired: 3/29/2019 22:41:01 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EPH-4-8-WC-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01791	-.00165	4.9459	.00785	.00007	1.4569	.15838	.00028
Stddev	.00265	.00073	.0128	.00406	.00145	.0250	.00122	.00005
%RSD	14.817	43.876	.25898	51.744	2112.4	1.7186	.77335	19.404

#1	.02085	-.00091	4.9342	.01236	-.00065	1.4495	.15751	.00030
#2	.01718	-.00169	4.9439	.00671	-.00088	1.4365	.15785	.00033
#3	.01570	-.00236	4.9596	.00448	.00173	1.4848	.15978	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00714	13.172	.00885	.02451	.02440	.23484	.32196	.89561
Stddev	.00009	.062	.00004	.00022	.00022	.00119	.00114	.03539
%RSD	1.2004	.47065	.42598	.88532	.88945	.50814	.35346	3.9513

#1	.00713	13.201	.00883	.02449	.02465	.23574	.32078	.90642
#2	.00723	13.101	.00890	.02430	.02434	.23349	.32202	.92433
#3	.00706	13.214	.00883	.02473	.02423	.23530	.32306	.85608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06169	.00007	256.25	-.00045	.90792	.87182	.00154	.01404
Stddev	.00046	.00036	1.84	.00063	.00348	.04345	.00014	.01329
%RSD	.74506	546.68	.71725	139.55	.38282	4.9835	9.3953	94.652

#1	.06219	.00048	255.81	-.00036	.90410	.82181	.00151	.02519
#2	.06128	-.00008	254.68	-.00113	.90877	.89345	.00170	-.00067
#3	.06160	-.00020	258.27	.00013	.91090	.90021	.00142	.01760

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41510	1.2933	-.00158	.00479	-.00258	.0196	.09628	2.0765
Stddev	.00234	.0088	.00079	.00318	.00100	.0018	.00059	.3571
%RSD	.56335	.67665	50.347	66.404	38.731	9.078	.61150	17.196

#1	.41754	1.2959	-.00072	.00813	-.00225	.0216	.09690	1.8369
#2	.41487	1.3004	-.00228	.00443	-.00370	.0191	.09621	2.4869
#3	.41288	1.2835	-.00173	.00180	-.00178	.0182	.09573	1.9057

Sample Name: K2112-02 Acquired: 3/29/2019 22:41:01 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EPH-4-8-WC-0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3876
 Stddev 1.3854
 %RSD 58.024

#1 3.7358
 #2 .96781
 #3 2.4592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.7	38892.	3060.4	43.655	3771.1
Stddev	10.3	105.	31.7	.909	3.9
%RSD	.29292	.27020	1.0360	2.0823	.10222

#1	3497.9	38855.	3046.6	44.574	3774.3
#2	3515.1	39011.	3037.8	42.756	3772.2
#3	3516.2	38811.	3096.6	43.634	3766.8

Sample Name: K2112-03 Acquired: 3/29/2019 22:45:23 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DR-WC-001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00536	-.00041	.04728	.01013	-.00325	-.04468	.12748	.00007
Stddev	.00051	.00101	.00026	.00474	.00066	.01933	.00096	.00004
%RSD	9.5155	245.76	.54030	46.803	20.476	43.268	.75054	50.623

#1	.00481	-.00154	.04715	.01359	-.00367	-.03075	.12688	.00010
#2	.00547	-.00009	.04758	.00473	-.00360	-.03654	.12699	.00003
#3	.00582	.00040	.04713	.01206	-.00248	-.06675	.12859	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	99.049	.00136	.00250	.00039	.64236	.76753	3.0711
Stddev	.00007	.506	.00041	.00019	.00059	.00539	.00155	.0394
%RSD	11.817	.51105	30.013	7.7347	151.82	.83865	.20223	1.2839

#1	.00063	98.889	.00089	.00239	-.00015	.63710	.76813	3.0387
#2	.00050	99.615	.00160	.00239	.00101	.64211	.76577	3.0596
#3	.00053	98.642	.00158	.00273	.00030	.64787	.76870	3.1150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00563	-.00273	268.82	-.00079	.12182	1.9316	.00280	.02087
Stddev	.00027	.00025	1.12	.00021	.00038	.0380	.00012	.01988
%RSD	4.8482	9.1728	.41632	26.823	.31148	1.9650	4.1914	95.283

#1	.00575	-.00292	269.30	-.00094	.12181	1.9465	.00267	.01930
#2	.00582	-.00245	267.54	-.00088	.12144	1.9598	.00283	.00181
#3	.00532	-.00284	269.63	-.00055	.12220	1.8884	.00290	.04149

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1765	.50202	-.00087	-.00514	-.00120	.0074	.26395	1.8546
Stddev	.0085	.01390	.00044	.00318	.00065	.0025	.00102	.9106
%RSD	.71906	2.7690	50.647	61.869	53.758	33.68	.38683	49.102

#1	1.1843	.51704	-.00042	-.00877	-.00153	.0063	.26370	2.8761
#2	1.1776	.49942	-.00131	-.00284	-.00046	.0103	.26508	1.1279
#3	1.1675	.48960	-.00089	-.00382	-.00162	.0057	.26308	1.5597

Sample Name: K2112-03 Acquired: 3/29/2019 22:45:23 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DR-WC-001 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6653
 Stddev .8146
 %RSD 48.917

#1 1.5647
 #2 2.5255
 #3 .90563

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.1	39450.	3081.7	44.722	3722.9
Stddev	9.0	43.	29.3	.293	20.4
%RSD	.25751	.10877	.94981	.65408	.54833

#1	3498.1	39401.	3074.9	45.055	3700.0
#2	3515.8	39472.	3056.4	44.505	3739.0
#3	3510.3	39478.	3113.7	44.607	3729.8

Sample Name: K2112-03DUP Acquired: 3/29/2019 22:49:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DR-WC-001DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00073	.04720	.00610	-.00248	-.02417	.12941	.00014
Stddev	.00164	.00081	.00054	.00228	.00053	.01186	.00058	.00009
%RSD	90.663	111.03	1.1367	37.324	21.440	49.087	.44690	69.572

#1	.00371	-.00062	.04732	.00348	-.00264	-.01796	.12937	.00023
#2	.00079	.00002	.04767	.00732	-.00291	-.01669	.13000	.00004
#3	.00094	-.00160	.04662	.00751	-.00188	-.03784	.12884	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	99.198	.00136	.00257	.00041	.64738	.77397	3.0205
Stddev	.00005	.288	.00034	.00017	.00007	.00219	.00285	.0370
%RSD	8.5958	.29003	25.109	6.4678	17.030	.33895	.36763	1.2260

#1	.00067	99.323	.00140	.00251	.00048	.64631	.77666	2.9987
#2	.00062	98.869	.00100	.00276	.00034	.64594	.77425	2.9996
#3	.00056	99.403	.00168	.00245	.00041	.64991	.77099	3.0633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	-.00248	271.15	-.00044	.12270	1.9324	.00293	.02687
Stddev	.00022	.00059	1.54	.00030	.00023	.0373	.00023	.01623
%RSD	3.8956	23.733	.56872	67.992	.18561	1.9299	7.8057	60.419

#1	.00560	-.00295	272.92	-.00053	.12296	1.9161	.00313	.01251
#2	.00529	-.00267	270.43	-.00068	.12259	1.9751	.00268	.04448
#3	.00571	-.00182	270.11	-.00011	.12254	1.9061	.00297	.02361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1931	.49426	-.00077	-.00174	.00002	.0079	.26574	2.0729
Stddev	.0006	.00159	.00033	.00188	.00129	.0006	.00094	.8046
%RSD	.05229	.32113	42.529	108.14	8210.1	7.967	.35454	38.816

#1	1.1925	.49435	-.00041	-.00215	.00034	.0077	.26628	2.9998
#2	1.1931	.49264	-.00083	-.00337	-.00141	.0087	.26465	1.6648
#3	1.1937	.49581	-.00106	.00031	.00111	.0075	.26629	1.5540

Sample Name: K2112-03DUP Acquired: 3/29/2019 22:49:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DR-WC-001DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9550
Stddev	3.2571
%RSD	110.23

#1	-.37418
#2	3.1041
#3	6.1349

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.4	38895.	3066.9	43.105	3701.7
Stddev	6.0	271.	11.2	.517	23.5
%RSD	.17185	.69795	.36470	1.1986	.63406

#1	3496.2	38599.	3057.4	43.629	3674.9
#2	3484.9	38954.	3079.2	42.596	3711.5
#3	3487.1	39132.	3064.0	43.089	3718.7

Sample Name: K2112-03LX5 Acquired: 3/29/2019 22:54:13 Type: Unk
Method: P4-ICP2(v3000) 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	.00049	.00131	.00818	.00566	-.00222	-.02550	.03008	.00010
Stddev	.00063	.00061	.00071	.00409	.00196	.01711	.00085	.00008
%RSD	129.17	46.760	8.6351	72.277	88.050	67.092	2.8252	77.251

#1	.00074	.00091	.00749	.00178	-.00037	-.01604	.02962	.00014
#2	.00095	.00202	.00890	.00526	-.00427	-.01522	.02957	.00015
#3	-.00023	.00101	.00813	.00993	-.00202	-.04525	.03106	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	21.093	.00089	.00038	-.00245	.13581	.16775	.57643
Stddev	.00004	.041	.00018	.00020	.00031	.00121	.00061	.09369
%RSD	41.614	.19362	20.055	53.502	12.461	.88822	.36622	16.254

#1	.00013	21.079	.00094	.00042	-.00280	.13581	.16780	.58363
#2	.00014	21.062	.00070	.00016	-.00235	.13461	.16711	.66631
#3	.00006	21.139	.00104	.00056	-.00221	.13702	.16833	.47934

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00040	55.797	.00027	.02888	.43916	.00063	.03526
Stddev	.00005	.00039	.428	.00029	.00012	.04364	.00014	.00659
%RSD	7.6239	97.879	.76734	105.05	.42533	9.9377	21.493	18.697

#1	.00066	-.00020	55.308	.00021	.02878	.38892	.00068	.03822
#2	.00073	-.00085	56.104	.00058	.02902	.46090	.00048	.02771
#3	.00064	-.00015	55.979	.00002	.02885	.46767	.00073	.03986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23333	.10083	-.00226	-.00258	-.00669	.0048	.05576	<.00000
Stddev	.00360	.00301	.00096	.00563	.00315	.0004	.00026	.86521
%RSD	1.5423	2.9879	42.693	217.95	47.021	7.621	.47430	65.912

#1	.23361	.10430	-.00134	.00367	-.00784	.0051	.05604	-2.2392
#2	.22960	.09885	-.00326	-.00726	-.00313	.0044	.05551	-.52572
#3	.23678	.09934	-.00218	-.00416	-.00911	.0050	.05574	-1.1731

Sample Name: K2112-03LX5 Acquired: 3/29/2019 22:54:13 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.9758
%RSD	389.79

#1	-2.0073
#2	-1.2451
#3	1.7317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.7	40466.	3163.1	45.126	3996.8
Stddev	8.5	118.	42.9	1.642	6.3
%RSD	.23383	.29267	1.3553	3.6395	.15745

#1	3648.3	40594.	3113.9	44.117	3998.5
#2	3637.4	40360.	3192.7	47.021	3989.9
#3	3654.2	40444.	3182.5	44.240	4002.1

Sample Name: K2112-03MS Acquired: 3/29/2019 22:58:41 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DR-WC-001MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79627	1.8792	.95198	2.0606	.78516	1.9055	.32364
Stddev	.00357	.0119	.00055	.0046	.00404	.0101	.00337
%RSD	.44800	.63089	.05763	.22553	.51481	.52868	1.0407

#1	.79892	1.8927	.95161	2.0629	.78804	1.9068	.32752
#2	.79221	1.8704	.95173	2.0636	.78054	1.9149	.32203
#3	.79767	1.8745	.95261	2.0553	.78691	1.8949	.32139

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20013	.19013	96.081	.42185	.19816	.29512	3.7376
Stddev	.00030	.00028	.717	.00255	.00014	.00064	.0037
%RSD	.15100	.14885	.74675	.60538	.07145	.21653	.09770

#1	.20033	.19044	95.324	.41894	.19829	.29527	3.7343
#2	.19978	.18988	96.170	.42287	.19801	.29567	3.7371
#3	.20028	.19007	96.751	.42373	.19819	.29442	3.7415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93954	4.8294	.51442	.07015	263.07	.32709	.31055
Stddev	.00086	.0628	.00095	.00079	1.22	.00179	.00089
%RSD	.09139	1.3008	.18521	1.1236	.46465	.54647	.28580

#1	.93877	4.8490	.51545	.06959	264.00	.32549	.31155
#2	.93939	4.8801	.51425	.06982	263.53	.32676	.31027
#3	.94047	4.7591	.51357	.07105	261.69	.32902	.30984

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.334	.39941	.30072	1.1015	1.3758	.67206	.19545
Stddev	.154	.00135	.01525	.0065	.0268	.00187	.00324
%RSD	1.2500	.33785	5.0701	.59317	1.9479	.27827	1.6573

#1	12.425	.40084	.28315	1.1085	1.3502	.67186	.19183
#2	12.421	.39923	.31052	1.1004	1.3734	.67403	.19642
#3	12.156	.39816	.30849	1.0955	1.4036	.67031	.19809

Sample Name: K2112-03MS Acquired: 3/29/2019 22:58:41 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DR-WC-001MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21336	5.942	.44300	5.6539	F<.00000
Stddev	.00248	.026	.00178	1.0952	1.1838
%RSD	1.1630	.4365	.40254	19.371	17.365

#1	.21485	5.972	.44100	6.3059	-5.5056
#2	.21050	5.926	.44443	6.2665	-7.8064
#3	.21474	5.928	.44358	4.3895	-7.1400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.9	38249.	3011.7	42.861	3654.1
Stddev	8.0	186.	20.1	.830	12.7
%RSD	.23388	.48643	.66873	1.9363	.34755

#1	3417.4	38066.	3028.2	41.916	3641.7
#2	3421.4	38242.	3017.6	43.194	3653.4
#3	3432.9	38438.	2989.2	43.472	3667.0

Sample Name: K2112-03MSD Acquired: 3/29/2019 23:02:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DR-WC-001MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80512	1.8990	.95821	2.0809	.79404	1.9107	.32505
Stddev	.00822	.0101	.00104	.0095	.00405	.0118	.00229
%RSD	1.0215	.52963	.10805	.45684	.50967	.61950	.70581

#1	.79673	1.8910	.95767	2.0816	.79077	1.9065	.32567
#2	.80547	1.8956	.95754	2.0711	.79280	1.9015	.32251
#3	.81317	1.9103	.95940	2.0901	.79857	1.9241	.32698

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20038	.19168	97.421	.42442	.20021	.29781	3.7524
Stddev	.00018	.00036	.071	.00286	.00078	.00212	.0044
%RSD	.08858	.18720	.07323	.67397	.39175	.71116	.11744

#1	.20032	.19130	97.424	.42770	.19934	.29601	3.7489
#2	.20058	.19175	97.490	.42303	.20085	.29728	3.7573
#3	.20024	.19201	97.348	.42251	.20045	.30014	3.7509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94568	4.8880	.52021	.07071	262.97	.32977	.31184
Stddev	.00025	.1342	.00140	.00143	.45	.00284	.00068
%RSD	.02651	2.7463	.26997	2.0275	.17040	.86227	.21811

#1	.94580	5.0128	.51872	.06946	262.99	.33136	.31106
#2	.94539	4.7460	.52152	.07038	262.51	.32648	.31223
#3	.94585	4.9053	.52038	.07227	263.40	.33146	.31223

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.403	.40397	.31325	1.1172	1.3971	.67950	.19747
Stddev	.020	.00168	.01983	.0054	.0045	.00191	.00362
%RSD	.15776	.41576	6.3316	.47951	.32017	.28134	1.8335

#1	12.426	.40208	.32479	1.1116	1.3934	.67755	.20165
#2	12.395	.40453	.29035	1.1177	1.4021	.67958	.19526
#3	12.389	.40529	.32461	1.1223	1.3959	.68137	.19549

Sample Name: K2112-03MSD Acquired: 3/29/2019 23:02:49 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DR-WC-001MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21551	5.999	.44585	5.7658	F<.00000
Stddev	.00176	.015	.00140	.5382	1.7811
%RSD	.81798	.2501	.31293	9.3336	29.794

#1	.21728	5.983	.44590	6.0299	-6.4320
#2	.21550	6.001	.44722	6.1209	-7.4886
#3	.21375	6.013	.44443	5.1466	-4.0141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.6	38329.	2994.3	42.718	3653.5
Stddev	2.2	133.	17.9	1.908	11.7
%RSD	.06504	.34628	.59753	4.4662	.31925

#1	3418.2	38240.	2986.8	42.083	3643.8
#2	3422.7	38265.	2981.5	41.209	3650.1
#3	3420.8	38481.	3014.8	44.863	3666.4

Sample Name: CCV12 Acquired: 3/29/2019 23:06:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14785 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	5.1247	4.8516	5.1925	5.0015	9.5811	9.6305	.25415
Stddev	.0098	.0092	.0053	.0219	.0231	.0800	.0022	.00047
%RSD	.19481	.18015	.10948	.42150	.46190	.83495	.02237	.18565
#1	5.0311	5.1141	4.8459	5.1672	4.9810	9.5755	9.6330	.25361
#2	5.0144	5.1288	4.8524	5.2055	4.9971	9.5041	9.6292	.25444
#3	5.0317	5.1312	4.8565	5.2048	5.0265	9.6638	9.6293	.25442
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4825	26.276	1.0569	2.4989	1.2389	5.2797	2.5410	24.948
Stddev	.0018	.114	.0023	.0037	.0028	.0039	.0037	.299
%RSD	.07351	.43404	.21881	.14651	.22483	.07302	.14378	1.1993
#1	2.4814	26.201	1.0595	2.4957	1.2361	5.2835	2.5371	24.787
#2	2.4815	26.220	1.0556	2.4981	1.2388	5.2757	2.5444	24.765
#3	2.4846	26.407	1.0554	2.5029	1.2417	5.2799	2.5414	25.294
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6154	1.2817	24.419	2.6444	2.4693	24.459	5.0199	4.9246
Stddev	.0024	.0026	.022	.0015	.0034	.053	.0140	.0556
%RSD	.08991	.20296	.08916	.05797	.13914	.21841	.27936	1.1284
#1	2.6136	1.2846	24.429	2.6429	2.4659	24.430	5.0091	4.8689
#2	2.6146	1.2809	24.394	2.6460	2.4694	24.426	5.0147	4.9250
#3	2.6180	1.2796	24.434	2.6442	2.4727	24.521	5.0357	4.9800
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9394	5.2051	5.0983	5.1985	5.1010	5.117	5.0968	F .95307
Stddev	.0151	.0275	.0046	.0239	.0210	.005	.0222	.51698
%RSD	.30655	.52750	.09042	.46039	.41179	.0928	.43466	54.244
#1	4.9245	5.1943	5.0958	5.1779	5.1038	5.114	5.0961	1.0373
#2	4.9389	5.2363	5.0955	5.1929	5.1205	5.114	5.1193	1.4228
#3	4.9548	5.1848	5.1036	5.2248	5.0788	5.122	5.0750	.39916

Sample Name: CCV12 Acquired: 3/29/2019 23:06:59 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14785 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .24115
Stddev	.45651
%RSD	189.31

#1	-.14887
#2	.74326
#3	.12905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.7	40098.	3089.1	44.151	3807.3
Stddev	7.2	84.	20.8	1.479	3.3
%RSD	.19848	.20911	.67398	3.3492	.08767

#1	3617.1	40050.	3084.3	45.855	3807.8
#2	3614.4	40049.	3071.0	43.386	3810.4
#3	3603.5	40195.	3111.8	43.210	3803.8

Sample Name: CCB12 Acquired: 3/29/2019 23:10:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14785 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	.00206	-.00157	.00260	.00011	-.00521	.00502
Stddev	.00048	.00107	.00049	.00366	.00096	.00995	.00082
%RSD	29.406	52.052	31.008	140.63	860.90	191.11	16.402

#1	.00161	.00151	-.00139	.00682	-.00067	-.01617	.00510
#2	.00210	.00329	-.00213	.00060	.00119	.00326	.00580
#3	.00115	.00137	-.00121	.00038	-.00018	-.00272	.00416

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00006	.02338	.00029	.00008	-.00379	.00164
Stddev	.00003	.00012	.01119	.00038	.00014	.00022	.00080
%RSD	273.18	212.87	47.872	129.82	181.39	5.9193	48.863

#1	.00003	-.00002	.01323	.00055	-.00005	-.00394	.00244
#2	.00002	-.00019	.03539	.00047	.00005	-.00353	.00166
#3	-.00002	.00005	.02153	-.00014	.00023	-.00390	.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.09727	-.00017	.00016	.17848	.00015	-.00043
Stddev	.00009	.02006	.00019	.00058	.01657	.00005	.00010
%RSD	27.596	20.626	109.17	364.71	9.2817	33.270	23.150

#1	.00037	-.11199	-.00019	.00082	.17691	.00017	-.00031
#2	.00021	-.07442	.00002	-.00015	.16276	.00009	-.00049
#3	.00036	-.10540	-.00035	-.00020	.19578	.00018	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07152	.00050	.00191	-.00211	-.00214	.00046	-.00253
Stddev	.05090	.00025	.01504	.00418	.00098	.00058	.00421
%RSD	71.165	49.481	785.55	197.99	45.908	125.61	166.33

#1	.05117	.00057	-.01364	.00192	-.00117	.00110	.00039
#2	.12945	.00022	.01638	-.00183	-.00212	-.00004	-.00735
#3	.03395	.00070	.00301	-.00643	-.00313	.00034	-.00063

Sample Name: CCB12 Acquired: 3/29/2019 23:10:59 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14785 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00688	.0034	.00005	F<.00000	F<.00000
Stddev	.00050	.0011	.00012	.86862	.17821
%RSD	7.2888	32.84	260.42	24.345	39.296

#1	-.00681	.0037	.00012	-4.2480	-.39173
#2	-.00642	.0022	-.00009	-3.8665	-.65439
#3	-.00741	.0043	.00011	-2.5894	-.31441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.8	41019.	3109.2	46.356	4220.7
Stddev	1.8	156.	17.5	.753	9.9
%RSD	.04912	.37913	.56442	1.6235	.23352

#1	3747.1	41163.	3091.6	45.642	4222.2
#2	3746.7	40854.	3109.5	46.283	4229.7
#3	3743.7	41040.	3126.7	47.142	4210.2

Sample Name: K2112-03A Acquired: 3/29/2019 23:15:28 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81305	1.9246	.97077	2.1016	.80016	1.9662	.33130
Stddev	.00488	.0014	.00178	.0055	.00249	.0165	.00047
%RSD	.60065	.07042	.18297	.26379	.31061	.83814	.14082

#1	.80915	1.9252	.97059	2.0963	.80067	1.9477	.33137
#2	.81852	1.9255	.97263	2.1073	.80236	1.9716	.33172
#3	.81147	1.9230	.96909	2.1011	.79746	1.9793	.33080

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20408	.19377	99.443	.43044	.20190	.29983	3.8285
Stddev	.00034	.00018	.067	.00261	.00087	.00079	.0157
%RSD	.16712	.09440	.06713	.60529	.42923	.26491	.41076

#1	.20384	.19390	99.395	.42746	.20102	.29892	3.8105
#2	.20394	.19356	99.415	.43227	.20275	.30040	3.8359
#3	.20447	.19384	99.519	.43159	.20193	.30016	3.8392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96696	4.9838	.52666	.07185	272.18	.33396	.31634
Stddev	.00207	.1432	.00100	.00027	1.96	.00287	.00036
%RSD	.21421	2.8728	.18966	.37993	.72023	.85816	.11285

#1	.96517	4.9742	.52562	.07163	271.89	.33483	.31619
#2	.96648	4.8457	.52761	.07215	270.38	.33076	.31674
#3	.96923	5.1316	.52674	.07176	274.27	.33629	.31607

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.596	.40654	.30345	1.1450	1.4132	.68746	.20343
Stddev	.100	.00091	.03135	.0021	.0066	.00108	.00572
%RSD	.79369	.22304	10.333	.18063	.46779	.15692	2.8116

#1	12.494	.40660	.27919	1.1435	1.4198	.68779	.20375
#2	12.598	.40741	.29230	1.1440	1.4133	.68833	.20898
#3	12.694	.40560	.33885	1.1473	1.4066	.68625	.19755

Sample Name: K2112-03A Acquired: 3/29/2019 23:15:28 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8086 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21917	6.091	.45405	5.4996	F<.00000
Stddev	.00192	.014	.00263	.3731	1.1913
%RSD	.87516	.2354	.57832	6.7835	23.229

#1	.21714	6.096	.45521	5.4124	-6.2481
#2	.21942	6.103	.45104	5.9085	-3.8766
#3	.22095	6.075	.45590	5.1778	-5.2608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.8	38031.	2984.1	44.089	3642.7
Stddev	9.1	89.	5.9	.616	13.5
%RSD	.26657	.23308	.19695	1.3963	.36940

#1	3413.4	38085.	2988.4	43.432	3627.2
#2	3427.3	38079.	2977.4	44.182	3650.9
#3	3430.6	37929.	2986.5	44.653	3650.1

Sample Name: K2093-03 Acquired: 3/29/2019 23:19:38 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DL-2-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00175	-.01518	.02839	-.00203	-.01790	.25475
Stddev	.00430	.00085	.00039	.00329	.00054	.01015	.00098
%RSD	1287.7	48.873	2.5456	11.580	26.703	56.686	.38290

#1	-.00454	.00173	-.01561	.03101	-.00266	-.02962	.25403
#2	.00405	.00261	-.01506	.02947	-.00166	-.01226	.25586
#3	-.00052	.00090	-.01487	.02470	-.00178	-.01183	.25435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	-.00266	21.559	-.00579	-.00018	.04212	47.633
Stddev	.00018	.00005	.056	.00035	.00015	.00010	.597
%RSD	6.0749	1.7020	.26138	6.0962	83.841	.24758	1.2535

#1	-.00279	-.00266	21.567	-.00539	-.00003	.04201	48.289
#2	-.00304	-.00261	21.500	-.00606	-.00034	.04213	47.121
#3	-.00315	-.00270	21.612	-.00592	-.00018	.04221	47.489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53558	3.8443	-.00582	-.00365	78.213	-.00118	1.3025
Stddev	.00034	.1111	.00043	.00102	.537	.00087	.0096
%RSD	.06375	2.8887	7.3986	27.832	.68659	73.970	.73765

#1	.53545	3.7161	-.00617	-.00435	78.466	-.00042	1.3133
#2	.53533	3.9085	-.00595	-.00412	77.597	-.00099	1.2993
#3	.53597	3.9083	-.00534	-.00249	78.578	-.00213	1.2949

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0616	-.00083	.07570	2.7904	.30661	-.00194	-.00194
Stddev	.0104	.00018	.01969	.0120	.00203	.00048	.00323
%RSD	.50250	22.317	26.004	.43033	.66126	24.858	166.52

#1	2.0509	-.00085	.05308	2.8040	.30877	-.00223	-.00461
#2	2.0716	-.00063	.08509	2.7858	.30630	-.00139	.00166
#3	2.0624	-.00100	.08894	2.7814	.30475	-.00221	-.00287

Sample Name: K2093-03 Acquired: 3/29/2019 23:19:38 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DL-2-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00585	.0124	.11820	.47889	F<.00000
Stddev	.00094	.0008	.00009	.90617	1.4382
%RSD	16.003	6.526	.07718	189.22	3.8524

#1	-.00496	.0117	.11815	.76753	-37.185
#2	-.00576	.0123	.11815	1.2056	-35.975
#3	-.00682	.0133	.11831	-.53645	-38.840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.5	39480.	3052.7	43.934	3924.0
Stddev	11.1	180.	16.4	.819	39.8
%RSD	.31272	.45612	.53886	1.8647	1.0134

#1	3537.0	39280.	3033.7	44.874	3879.8
#2	3549.3	39529.	3061.2	43.558	3935.6
#3	3559.1	39630.	3063.2	43.370	3956.8

Sample Name: K2093-18 Acquired: 3/29/2019 23:24:08 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30092-30093- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00227	.00056	-.00148	.00300	-.00202	.24256	.06508	-.00005
Stddev	.00312	.00134	.00021	.00097	.00077	.01594	.00061	.00003
%RSD	137.33	239.78	13.990	32.250	38.286	6.5708	.93778	49.911

#1	.00095	-.00016	-.00128	.00366	-.00114	.23603	.06573	-.00006
#2	-.00249	-.00026	-.00169	.00189	-.00233	.26073	.06452	-.00008
#3	-.00529	.00211	-.00148	.00346	-.00260	.23092	.06498	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	1.4064	.00112	-.00003	-.00338	.53335	.01020	.29023
Stddev	.00001	.0039	.00021	.00011	.00010	.00771	.00003	.06890
%RSD	7.2687	.27383	18.948	360.94	2.9785	1.4451	.27950	23.741

#1	-.00015	1.4102	.00127	.00009	-.00338	.54191	.01023	.23465
#2	-.00013	1.4025	.00120	-.00006	-.00328	.52698	.01018	.36732
#3	-.00015	1.4066	.00088	-.00011	-.00348	.53116	.01019	.26872

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.00011	30.197	.00026	.01963	.74018	.00192	.04780
Stddev	.00005	.00047	.273	.00026	.00031	.04393	.00028	.01363
%RSD	15.858	411.68	.90477	101.35	1.5622	5.9354	14.624	28.516

#1	-.00036	.00062	30.413	.00042	.01986	.69382	.00179	.03566
#2	-.00030	-.00031	29.890	-.00004	.01975	.78120	.00224	.06255
#3	-.00026	.00004	30.289	.00040	.01929	.74552	.00173	.04520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7894	3.5243	-.00536	.00095	-.00654	.0078	.01541	<.00000
Stddev	.0232	.0515	.00087	.00302	.00169	.0013	.00008	.99510
%RSD	.26398	1.4603	16.237	317.73	25.835	16.16	.52832	287.68

#1	8.8149	3.5831	-.00441	.00440	-.00501	.0069	.01538	-.80557
#2	8.7695	3.5025	-.00612	-.00118	-.00835	.0074	.01535	-1.0281
#3	8.7838	3.4873	-.00554	-.00037	-.00625	.0093	.01550	.79594

Sample Name: K2093-18 Acquired: 3/29/2019 23:24:08 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 30092-30093- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .35936
 %RSD 37.179

#1 -.58177
 #2 -1.2935
 #3 -1.0245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.3	39822.	3068.5	44.374	4074.2
Stddev	17.5	341.	13.8	1.028	14.8
%RSD	.48321	.85559	.44814	2.3169	.36275

#1	3605.7	39550.	3079.7	43.211	4059.8
#2	3620.6	40204.	3072.6	44.746	4073.6
#3	3640.6	39712.	3053.1	45.164	4089.3

Sample Name: K2093-21 Acquired: 3/29/2019 23:28:34 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30099-30100- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	.00101	-.00153	.01548	-.00140	.13183	.10391
Stddev	.00132	.00071	.00094	.00139	.00015	.00272	.00119
%RSD	21.900	70.710	61.375	8.9505	10.400	2.0645	1.1471

#1	.00483	.00148	-.00256	.01421	-.00124	.13024	.10361
#2	.00744	.00019	-.00072	.01696	-.00153	.13027	.10291
#3	.00578	.00135	-.00131	.01527	-.00144	.13497	.10523

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00062	185.43	.00030	.00315	.01196	13.677
Stddev	.00008	.00008	1.06	.00068	.00020	.00037	.018
%RSD	9.1926	12.922	.57046	223.26	6.3303	3.1151	.12975

#1	-.00091	-.00070	186.60	.00087	.00332	.01161	13.660
#2	-.00097	-.00061	185.11	-.00045	.00320	.01235	13.695
#3	-.00081	-.00054	184.56	.00049	.00293	.01193	13.677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22119	2.6450	.00692	-.00505	53.430	.00355	.28251
Stddev	.00187	.0456	.00027	.00078	.200	.00033	.00053
%RSD	.84701	1.7252	3.9695	15.355	.37511	9.4303	.18684

#1	.22024	2.5936	.00724	-.00441	53.579	.00369	.28292
#2	.22335	2.6808	.00681	-.00484	53.202	.00380	.28270
#3	.21998	2.6606	.00672	-.00591	53.510	.00317	.28192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9208	.04886	.47443	3.2325	1.6041	-.00246	-.00475
Stddev	.0147	.00039	.02579	.0137	.0237	.00035	.00476
%RSD	.37517	.80093	5.4369	.42356	1.4745	14.311	100.13

#1	3.9335	.04842	.44470	3.2431	1.6090	-.00268	-.00022
#2	3.9047	.04915	.48776	3.2375	1.6249	-.00266	-.00433
#3	3.9244	.04903	.49083	3.2171	1.5783	-.00206	-.00970

Sample Name: K2093-21 Acquired: 3/29/2019 23:28:34 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 30099-30100- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12796	.2364	.35822	2.5335	F<.00000
Stddev	.00120	.0004	.00325	1.1518	1.3974
%RSD	.93431	.1658	.90751	45.462	38.188
#1	.12929	.2362	.36157	3.7108	-2.6644
#2	.12760	.2362	.35801	1.4090	-5.2567
#3	.12698	.2369	.35508	2.4808	-3.0563
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3450.6	38490.	3030.3	43.590	3762.6
Stddev	7.5	196.	31.9	.842	13.0
%RSD	.21663	.50810	1.0522	1.9313	.34471
#1	3457.3	38264.	2998.2	44.499	3751.9
#2	3452.0	38611.	3030.7	42.838	3777.0
#3	3442.5	38595.	3062.0	43.432	3758.8

Sample Name: K2110-02 Acquired: 3/29/2019 23:32:59 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BUR-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	.00023	-.00627	.00874	-.00024	-.00836	.17884
Stddev	.00064	.00079	.00107	.00372	.00074	.01501	.00152
%RSD	28.556	341.39	16.995	42.566	307.54	179.53	.84801

#1	-.00158	-.00060	-.00727	.01180	-.00058	-.01710	.17969
#2	-.00226	.00097	-.00515	.00460	.00061	.00897	.17709
#3	-.00285	.00033	-.00638	.00981	-.00075	-.01695	.17973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00090	9.0358	-.00094	.00018	.00838	13.625
Stddev	.00011	.00004	.0254	.00061	.00024	.00025	.020
%RSD	12.240	4.6228	.28120	64.893	135.75	2.9815	.14903

#1	-.00100	-.00088	9.0276	-.00108	.00035	.00823	13.621
#2	-.00079	-.00095	9.0156	-.00027	-.00010	.00824	13.607
#3	-.00088	-.00088	9.0644	-.00147	.00028	.00867	13.647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21393	1.7405	-.00112	-.00098	4.2889	-.00054	.14507
Stddev	.00178	.0473	.00039	.00023	.0201	.00056	.00046
%RSD	.83294	2.7165	34.754	23.264	.46948	102.66	.31979

#1	.21590	1.7912	-.00100	-.00084	4.3080	-.00102	.14468
#2	.21244	1.6976	-.00155	-.00125	4.2679	.00007	.14558
#3	.21344	1.7327	-.00080	-.00086	4.2910	-.00067	.14496

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2390	-.00021	.06747	.29619	.18651	-.00240	-.00284
Stddev	.0058	.00042	.00656	.00303	.00724	.00024	.00316
%RSD	.46949	198.83	9.7205	1.0235	3.8796	10.114	111.23

#1	1.2418	.00027	.07222	.29954	.19462	-.00266	-.00080
#2	1.2323	-.00048	.05999	.29362	.18418	-.00218	-.00124
#3	1.2428	-.00043	.07021	.29541	.18072	-.00237	-.00648

Sample Name: K2110-02 Acquired: 3/29/2019 23:32:59 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BUR-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00849	.0054	.04659	<.00000	F<.00000
Stddev	.00188	.0021	.00036	.70329	1.1076
%RSD	22.164	39.07	.76689	104.69	19.412

#1	-.00699	.0070	.04696	-1.4003	-5.0433
#2	-.00789	.0030	.04625	.00317	-6.9844
#3	-.01060	.0063	.04656	-.61818	-5.0895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.3	39984.	3056.0	43.447	4106.9
Stddev	8.4	126.	10.3	1.835	11.9
%RSD	.23080	.31525	.33799	4.2228	.28872

#1	3649.1	39948.	3057.2	44.142	4093.4
#2	3665.9	40124.	3065.6	44.833	4111.4
#3	3657.1	39880.	3045.1	41.367	4115.8

Sample Name: K2124-02 Acquired: 3/29/2019 23:37:26 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	.00091	-.00230	.00092	-.00041	.02217	.05482
Stddev	.00105	.00044	.00098	.00313	.00169	.00732	.00051
%RSD	94.657	48.298	42.823	340.95	417.44	33.032	.93782

#1	-.00102	.00076	-.00126	-.00219	.00127	.02287	.05496
#2	-.00220	.00141	-.00242	.00087	-.00037	.02912	.05425
#3	-.00011	.00057	-.00322	.00407	-.00212	.01452	.05525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00011	4.7861	.00134	.00021	-.00230	.14382
Stddev	.00004	.00003	.0365	.00062	.00017	.00026	.00190
%RSD	39.377	30.416	.76272	45.924	80.331	11.277	1.3178

#1	-.00006	-.00014	4.7510	.00105	.00020	-.00203	.14397
#2	-.00011	-.00007	4.8239	.00093	.00004	-.00255	.14564
#3	-.00014	-.00012	4.7836	.00205	.00038	-.00230	.14186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02336	1.0601	.00086	-.00070	6.4771	.00053	.01781
Stddev	.00018	.0417	.00024	.00055	.0362	.00030	.00015
%RSD	.78853	3.9359	27.919	79.291	.55834	57.463	.85857

#1	.02339	1.1082	.00060	-.00014	6.4949	.00019	.01790
#2	.02352	1.0338	.00094	-.00124	6.5010	.00078	.01763
#3	.02316	1.0384	.00106	-.00071	6.4355	.00062	.01790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74454	.00046	.01224	.78363	.75784	-.00307	.00194
Stddev	.02373	.00013	.01360	.00617	.01033	.00044	.00614
%RSD	3.1866	29.142	111.15	.78738	1.3631	14.238	316.92

#1	.75701	.00041	-.00084	.77861	.74591	-.00259	-.00505
#2	.75942	.00061	.01124	.78176	.76394	-.00344	.00647
#3	.71718	.00036	.02632	.79052	.76367	-.00318	.00440

Sample Name: K2124-02 Acquired: 3/29/2019 23:37:26 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01159	.0070	.03057	<.00000	F<.00000
Stddev	.00063	.0011	.00026	.76129	.70345
%RSD	5.4498	15.20	.85454	39.681	53.320
#1	-.01100	.0069	.03041	-1.6611	-.81352
#2	-.01226	.0081	.03042	-2.7752	-2.1226
#3	-.01152	.0060	.03087	-1.3193	-1.0218
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.7	40490.	3106.7	43.744	4148.6
Stddev	8.8	40.	29.6	.478	11.1
%RSD	.23818	.09840	.95406	1.0927	.26788
#1	3675.5	40489.	3137.8	43.533	4135.8
#2	3692.5	40531.	3103.6	43.408	4154.1
#3	3680.2	40451.	3078.8	44.292	4155.8

Sample Name: K2124-05 Acquired: 3/29/2019 23:41:55 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00007	-.00310	.00449	-.00019	.01215	.04416	-.00006
Stddev	.00128	.00058	.00070	.00054	.00117	.00428	.00138	.00005
%RSD	861.09	826.29	22.628	11.954	630.36	35.250	3.1211	88.355

#1	.00087	-.00054	-.00315	.00483	-.00147	.00721	.04408	-.00005
#2	-.00133	-.00026	-.00377	.00476	.00009	.01474	.04558	-.00011
#3	.00091	.00058	-.00237	.00387	.00082	.01451	.04283	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	5.0185	.00119	.00010	-.00552	.00966	.02448	.95954
Stddev	.00004	.0429	.00053	.00010	.00017	.00011	.00020	.06140
%RSD	22.439	.85432	44.369	97.144	2.9946	1.0985	.80548	6.3992

#1	-.00013	5.0079	.00140	-.00001	-.00570	.00954	.02433	.96494
#2	-.00021	5.0657	.00059	.00016	-.00538	.00973	.02442	.89561
#3	-.00017	4.9820	.00158	.00015	-.00549	.00971	.02471	1.0181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00012	3.0579	-.00014	.01277	.70161	.00027	.01541
Stddev	.00027	.00018	.0013	.00044	.00015	.02936	.00010	.01312
%RSD	52.096	147.31	.04241	304.94	1.1383	4.1852	36.108	85.114

#1	.00066	-.00022	3.0592	-.00064	.01280	.70351	.00038	.00055
#2	.00021	-.00022	3.0566	.00003	.01289	.72998	.00023	.02033
#3	.00071	.00008	3.0579	.00018	.01261	.67134	.00020	.02536

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3960	.50731	-.00457	-.00503	-.01317	.0033	.02755	<.00000
Stddev	.0031	.00264	.00067	.00358	.00184	.0023	.00020	.39341
%RSD	.22401	.52123	14.668	71.110	13.931	68.79	.73278	10.080

#1	1.3935	.50888	-.00383	-.00334	-.01497	.0049	.02742	-4.1931
#2	1.3995	.50879	-.00475	-.00914	-.01325	.0007	.02778	-3.4551
#3	1.3951	.50426	-.00514	-.00261	-.01130	.0044	.02744	-4.0603

Sample Name: K2124-05 Acquired: 3/29/2019 23:41:55 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.0047
 %RSD 6396.0

#1 .39507
 #2 .71847
 #3 -1.1607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3753.2	41438.	3188.4	46.306	4289.7
Stddev	10.4	138.	13.8	.470	9.9
%RSD	.27814	.33240	.43188	1.0144	.23038

#1	3745.1	41455.	3204.2	46.150	4281.8
#2	3749.5	41567.	3182.1	46.833	4286.5
#3	3765.0	41293.	3178.9	45.933	4300.8

Sample Name: K2124-05DUP Acquired: 3/29/2019 23:46:25 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	.00035	-.00318	.00368	-.00167	.00545	.04464
Stddev	.00213	.00086	.00097	.00078	.00048	.00263	.00188
%RSD	89.548	248.29	30.364	21.218	28.911	48.277	4.2084

#1	-.00114	-.00060	-.00277	.00438	-.00138	.00439	.04566
#2	-.00116	.00107	-.00250	.00284	-.00139	.00351	.04247
#3	-.00484	.00056	-.00429	.00381	-.00222	.00844	.04578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00016	5.1290	.00099	-.00006	-.00592	.00931
Stddev	.00010	.00004	.0645	.00043	.00030	.00031	.00075
%RSD	127.10	27.035	1.2568	43.333	515.14	5.2321	8.0068

#1	-.00006	-.00013	5.0637	.00070	.00023	-.00558	.00885
#2	.00001	-.00021	5.1926	.00148	-.00005	-.00618	.00891
#3	-.00018	-.00014	5.1305	.00078	-.00036	-.00600	.01017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02451	.97845	.00066	-.00017	3.0618	.00011	.01228
Stddev	.00023	.02492	.00037	.00056	.0127	.00013	.00011
%RSD	.93025	2.5471	56.510	319.18	.41626	122.03	.86212

#1	.02426	.98400	.00106	-.00053	3.0475	.00010	.01220
#2	.02454	.95122	.00033	.00047	3.0657	-.00002	.01225
#3	.02472	1.0001	.00058	-.00046	3.0721	.00024	.01240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68894	.00054	.01063	1.3907	.50952	-.00463	-.00083
Stddev	.00995	.00010	.01543	.0116	.00908	.00034	.00287
%RSD	1.4442	18.199	145.12	.83606	1.7812	7.2659	344.45

#1	.69205	.00061	-.00568	1.3793	.50052	-.00500	-.00413
#2	.67780	.00058	.02498	1.3903	.50938	-.00452	.00060
#3	.69695	.00043	.01260	1.4025	.51867	-.00436	.00103

Sample Name: K2124-05DUP Acquired: 3/29/2019 23:46:25 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-2DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01472	.0043	.02781	<.00000	F<.00000
Stddev	.00177	.0007	.00011	.50387	1.4873
%RSD	12.033	15.19	.37772	17.898	56.912

#1	-.01268	.0050	.02774	-3.0866	-3.3231
#2	-.01558	.0044	.02793	-3.1253	-3.6128
#3	-.01590	.0037	.02776	-2.2338	-.90408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3755.9	41172.	3161.3	46.650	4287.9
Stddev	32.4	321.	9.7	1.106	40.0
%RSD	.86279	.77893	.30734	2.3701	.93279

#1	3793.2	41425.	3172.3	47.050	4333.6
#2	3740.0	41280.	3153.9	45.400	4270.5
#3	3734.5	40811.	3157.7	47.500	4259.5

Sample Name: K2124-05LX5 Acquired: 3/29/2019 23:50:54 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	.00028	-.00306	.00383	.00061	.00039	.01342
Stddev	.00067	.00028	.00080	.00388	.00108	.01111	.00059
%RSD	42.284	101.82	26.047	101.19	176.40	2828.9	4.4261

#1	-.00088	.00028	-.00262	.00562	.00185	-.00842	.01372
#2	-.00167	-.00001	-.00257	.00649	-.00011	-.00328	.01274
#3	-.00222	.00055	-.00397	-.00062	.00009	.01287	.01381

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00007	1.0793	.00056	.00016	-.00441	-.00011
Stddev	.00004	.00006	.0209	.00036	.00019	.00005	.00026
%RSD	95.581	90.934	1.9372	65.139	117.68	1.1950	231.32

#1	-.00003	-.00002	1.0926	.00097	.00033	-.00441	-.00033
#2	-.00001	-.00013	1.0902	.00042	-.00004	-.00447	-.00018
#3	-.00009	-.00005	1.0552	.00029	.00017	-.00437	.00017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	.12532	-.00019	-.00043	.67159	.00005	.00373
Stddev	.00005	.03280	.00026	.00052	.01958	.00011	.00011
%RSD	.94479	26.173	136.46	121.44	2.9154	222.29	2.8917

#1	.00516	.08944	-.00004	-.00068	.67554	.00017	.00384
#2	.00510	.13276	-.00004	-.00078	.68889	-.00004	.00374
#3	.00520	.15376	-.00048	.00017	.65033	.00001	.00362

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19948	-.00000	.00999	.30944	.10561	-.00234	-.00269
Stddev	.03585	.00015	.01769	.00268	.00213	.00073	.00163
%RSD	17.970	24597.	177.09	.86529	2.0168	31.303	60.733

#1	.16266	.00016	.02157	.31204	.10767	-.00229	-.00415
#2	.23427	-.00004	-.01037	.30669	.10342	-.00163	-.00093
#3	.20151	-.00012	.01877	.30957	.10575	-.00310	-.00300

Sample Name: K2124-05LX5 Acquired: 3/29/2019 23:50:54 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8086 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.01082	.0056	.00590	<.00000	F<.00000
Stddev	.00063	.0006	.00017	.21780	.96438
%RSD	5.7940	10.53	2.9338	7.8523	61.906

#1	-.01022	.0055	.00575	-3.0218	-1.3504
#2	-.01148	.0050	.00585	-2.6857	-.71398
#3	-.01077	.0062	.00609	-2.6138	-2.6090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3743.8	40843.	3147.8	45.992	4203.2
Stddev	3.3	139.	10.2	.792	7.2
%RSD	.08747	.33929	.32265	1.7225	.17077

#1	3747.2	40783.	3149.8	46.583	4202.5
#2	3740.7	40744.	3136.7	46.300	4196.4
#3	3743.4	41001.	3156.7	45.092	4210.7

Sample Name: K2124-05MS Acquired: 3/29/2019 23:55:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79446	2.0298	.95174	2.0198	.80692	2.0059	.25747
Stddev	.00262	.0087	.00672	.0046	.00414	.0182	.00357
%RSD	.33000	.42851	.70579	.22958	.51293	.90512	1.3869
#1	.79143	2.0209	.94576	2.0163	.80239	1.9977	.25975
#2	.79605	2.0301	.95044	2.0181	.80787	2.0267	.25930
#3	.79590	2.0383	.95901	2.0251	.81050	1.9932	.25335
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20639	.19230	6.6224	.45735	.20496	.31489	3.4418
Stddev	.00073	.00056	.2571	.00215	.00091	.00125	.0032
%RSD	.35385	.29116	3.8828	.46956	.44450	.39610	.09447
#1	.20564	.19168	6.7279	.45899	.20452	.31345	3.4382
#2	.20710	.19246	6.8101	.45815	.20436	.31559	3.4425
#3	.20643	.19276	6.3293	.45492	.20601	.31564	3.4446
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24506	3.1979	.53562	.07693	6.5281	.34689	.20801
Stddev	.00132	.0533	.00096	.00057	.1102	.00332	.00071
%RSD	.53988	1.6663	.17943	.73679	1.6883	.95688	.34027
#1	.24365	3.2298	.53531	.07720	6.5496	.34722	.20730
#2	.24527	3.2276	.53486	.07732	6.6259	.35003	.20803
#3	.24627	3.1364	.53670	.07628	6.4087	.34342	.20871
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.090	.41648	.32566	1.5304	1.4906	.68609	.20499
Stddev	.085	.00031	.00578	.0104	.0628	.00425	.00727
%RSD	.76522	.07504	1.7736	.68070	4.2147	.61922	3.5473
#1	11.127	.41615	.32698	1.5184	1.5217	.68280	.20345
#2	11.150	.41652	.31934	1.5358	1.5318	.68459	.21291
#3	10.993	.41677	.33066	1.5370	1.4183	.69089	.19862

Sample Name: K2124-05MS Acquired: 3/29/2019 23:55:24 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19469	5.491	.23103	<.00000	F<.00000
Stddev	.00694	.011	.01024	.61831	1.6132
%RSD	3.5670	.2048	4.4322	21.399	16.192
#1	.19625	5.479	.23429	-3.0125	-10.884
#2	.20073	5.500	.23923	-3.4369	-10.903
#3	.18711	5.496	.21955	-2.2188	-8.0998
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.9	40930.	3194.6	47.286	4215.7
Stddev	8.3	37.	95.2	.896	5.0
%RSD	.22315	.09151	2.9794	1.8950	.11764
#1	3725.7	40907.	3157.4	46.283	4213.9
#2	3716.2	40910.	3123.6	47.567	4211.9
#3	3732.8	40973.	3302.8	48.008	4221.3

Sample Name: CCV13 Acquired: 3/29/2019 23:59:35 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14776 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0317	5.1348	4.8486	5.1997	5.0119	9.5817	9.6773	.25553
Stddev	.0047	.0056	.0091	.0155	.0111	.0447	.0477	.00102
%RSD	.09393	.10893	.18854	.29846	.22052	.46662	.49263	.39938
#1	5.0321	5.1360	4.8398	5.2122	5.0245	9.5335	9.7179	.25539
#2	5.0363	5.1287	4.8479	5.1823	5.0070	9.5898	9.6248	.25458
#3	5.0268	5.1397	4.8581	5.2047	5.0041	9.6218	9.6892	.25661
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4845	26.369	1.0623	2.5071	1.2429	5.3087	2.5487	25.084
Stddev	.0046	.190	.0036	.0030	.0015	.0137	.0076	.105
%RSD	.18671	.72234	.34012	.11858	.12421	.25717	.29870	.41864
#1	2.4837	26.157	1.0632	2.5040	1.2446	5.3083	2.5450	25.160
#2	2.4804	26.526	1.0583	2.5072	1.2416	5.2953	2.5436	24.964
#3	2.4895	26.425	1.0653	2.5100	1.2424	5.3226	2.5574	25.128
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6269	1.2914	24.501	2.6574	2.4737	24.543	5.0329	4.8967
Stddev	.0070	.0015	.158	.0110	.0041	.129	.0067	.0326
%RSD	.26666	.11985	.64314	.41189	.16452	.52667	.13400	.66683
#1	2.6241	1.2923	24.596	2.6518	2.4703	24.628	5.0390	4.8785
#2	2.6218	1.2896	24.319	2.6503	2.4725	24.394	5.0257	4.8772
#3	2.6349	1.2924	24.587	2.6700	2.4782	24.606	5.0340	4.9344
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9415	5.2185	5.1041	5.1835	5.1158	5.129	5.1096	F 1.0800
Stddev	.0160	.0245	.0161	.0227	.0159	.023	.0101	.4194
%RSD	.32420	.46960	.31568	.43875	.31069	.4556	.19766	38.832
#1	4.9457	5.1909	5.0901	5.1649	5.1012	5.133	5.1005	1.2767
#2	4.9238	5.2376	5.1004	5.1766	5.1135	5.104	5.1078	1.3648
#3	4.9550	5.2270	5.1217	5.2089	5.1327	5.150	5.1205	.59841

Sample Name: CCV13 Acquired: 3/29/2019 23:59:35 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14776 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .37717
Stddev	.37369
%RSD	99.079

#1	.02242
#2	.76730
#3	.34179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.1	39738.	3062.3	44.401	3793.2
Stddev	6.4	122.	10.8	1.539	1.8
%RSD	.17915	.30676	.35239	3.4655	.04760

#1	3584.7	39597.	3072.5	46.051	3793.1
#2	3595.5	39811.	3051.0	43.006	3795.1
#3	3596.2	39805.	3063.5	44.145	3791.5

Sample Name: CCB13 Acquired: 3/30/2019 0:03:35 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14776 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	.00187	-.00278	.00181	.00039	-.00194	.00452
Stddev	.00422	.00123	.00057	.00027	.00070	.00871	.00034
%RSD	317.87	65.581	20.376	14.849	179.90	449.50	7.5157

#1	-.00327	.00049	-.00295	.00164	.00051	-.00104	.00479
#2	.00224	.00228	-.00215	.00212	-.00037	-.01106	.00463
#3	.00501	.00284	-.00325	.00166	.00103	.00629	.00414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00010	.01582	.00036	.00009	-.00391	.00107
Stddev	.00001	.00002	.01426	.00031	.00008	.00051	.00168
%RSD	25.823	17.607	90.182	86.497	90.381	13.004	156.87

#1	-.00003	-.00009	.00216	.00023	.00009	-.00427	.00070
#2	-.00004	-.00012	.01467	.00014	.00001	-.00413	-.00039
#3	-.00003	-.00009	.03062	.00071	.00018	-.00333	.00290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.05346	-.00042	-.00027	.02223	-.00034	-.00031
Stddev	.00006	.04498	.00030	.00014	.00666	.00037	.00004
%RSD	18.675	84.138	70.910	50.907	29.953	106.47	12.592

#1	.00030	-.10094	-.00020	-.00030	.01540	.00003	-.00030
#2	.00037	-.04793	-.00029	-.00040	.02871	-.00070	-.00028
#3	.00026	-.01150	-.00076	-.00012	.02258	-.00037	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05110	.00036	.00230	-.00166	-.00164	.00032	-.00483
Stddev	.03869	.00015	.01476	.00060	.00167	.00092	.00322
%RSD	75.725	41.341	642.82	36.145	101.92	291.96	66.624

#1	.09470	.00031	-.01451	-.00234	-.00144	.00133	-.00833
#2	.02085	.00053	.01314	-.00137	-.00008	.00011	-.00419
#3	.03775	.00025	.00826	-.00126	-.00341	-.00048	-.00198

Sample Name: CCB13 Acquired: 3/30/2019 0:03:35 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14776 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00771	.0029	-.00006	F<.00000	F<.00000
Stddev	.00147	.0013	.00007	.34543	.84508
%RSD	19.088	46.46	126.85	21.226	68.867

#1	-.00934	.0044	-.00006	-1.9400	-1.2704
#2	-.00649	.0023	-.00013	-1.2566	-2.0497
#3	-.00728	.0020	.00001	-1.6856	-.36123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3705.5	40352.	3064.0	44.472	4174.3
Stddev	3.3	93.	29.9	1.262	3.0
%RSD	.08931	.23112	.97513	2.8387	.07243

#1	3707.5	40292.	3077.0	45.892	4170.8
#2	3701.7	40304.	3085.2	44.050	4175.5
#3	3707.2	40459.	3029.9	43.475	4176.5

Sample Name: K2124-05MSD Acquired: 3/30/2019 0:08:04 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79155	2.0196	.94839	2.0154	.79991	1.9739	.25365
Stddev	.00250	.0102	.00222	.0096	.00500	.0190	.00094
%RSD	.31615	.50552	.23409	.47507	.62458	.96112	.36973

#1	.79047	2.0093	.94591	2.0153	.79460	1.9528	.25377
#2	.79441	2.0297	.95018	2.0250	.80451	1.9895	.25266
#3	.78977	2.0198	.94907	2.0059	.80063	1.9794	.25453

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20540	.19159	6.7186	.45923	.20438	.31220	3.4337
Stddev	.00054	.00071	.0411	.00233	.00056	.00084	.0113
%RSD	.26336	.37114	.61131	.50797	.27556	.26906	.32898

#1	.20514	.19106	6.6862	.45946	.20384	.31209	3.4451
#2	.20602	.19240	6.7048	.46144	.20496	.31309	3.4334
#3	.20504	.19131	6.7648	.45679	.20434	.31143	3.4225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24498	3.2504	.53687	.07702	6.4065	.34356	.20713
Stddev	.00051	.1139	.00258	.00078	.0157	.00263	.00083
%RSD	.20652	3.5030	.48136	1.0165	.24543	.76652	.40141

#1	.24547	3.3736	.53495	.07685	6.4113	.34652	.20621
#2	.24501	3.2285	.53981	.07634	6.4192	.34147	.20783
#3	.24446	3.1491	.53586	.07787	6.3889	.34270	.20735

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.043	.41501	.31782	1.5323	1.5190	.68545	.21154
Stddev	.038	.00149	.00683	.0059	.0069	.00327	.00240
%RSD	.34072	.35807	2.1490	.38787	.45630	.47735	1.1329

#1	11.087	.41395	.31140	1.5310	1.5135	.68400	.20877
#2	11.019	.41671	.31706	1.5389	1.5268	.68919	.21296
#3	11.024	.41437	.32500	1.5272	1.5168	.68314	.21287

Sample Name: K2124-05MSD Acquired: 3/30/2019 0:08:04 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-2MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19916	5.487	.23317	<.00000	F<.00000
Stddev	.00028	.020	.00090	.66789	.76774
%RSD	.14044	.3727	.38556	27.698	7.2233
#1	.19947	5.470	.23225	-3.0382	-10.142
#2	.19907	5.510	.23320	-1.7089	-11.514
#3	.19893	5.483	.23405	-2.4870	-10.230
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.2	41034.	3119.4	47.511	4226.1
Stddev	13.8	70.	19.6	1.094	4.1
%RSD	.36799	.17069	.62787	2.3015	.09741
#1	3726.4	41103.	3141.7	48.717	4223.7
#2	3734.9	40963.	3111.7	47.233	4223.7
#3	3753.3	41036.	3104.9	46.583	4230.8

Sample Name: K2124-05A Acquired: 3/30/2019 0:12:15 Type: Unk
Method: P4-ICP2(v3000) 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	.79577	2.0308	.95539	2.0286	.80657	1.9937	.25690
Stddev	.00430	.0108	.00320	.0058	.00159	.0141	.00292
%RSD	.54075	.53276	.33447	.28470	.19702	.70875	1.1376

#1	.79775	2.0232	.95510	2.0225	.80612	1.9857	.25725
#2	.79872	2.0432	.95872	2.0340	.80525	2.0101	.25963
#3	.79083	2.0261	.95235	2.0291	.80834	1.9855	.25382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20683	.19299	6.7169	.46098	.20482	.31584	3.4677
Stddev	.00102	.00066	.0215	.00258	.00112	.00079	.0044
%RSD	.49352	.33960	.31971	.56068	.54849	.25162	.12753

#1	.20612	.19245	6.6921	.46164	.20472	.31496	3.4725
#2	.20800	.19372	6.7285	.46318	.20598	.31607	3.4666
#3	.20637	.19279	6.7300	.45813	.20374	.31650	3.4639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24547	3.1472	.53801	.07690	6.4176	.34600	.20761
Stddev	.00022	.0317	.00134	.00001	.0551	.00333	.00054
%RSD	.09118	1.0061	.24876	.01566	.85880	.96383	.25820

#1	.24554	3.1138	.53710	.07689	6.4696	.34539	.20711
#2	.24522	3.1510	.53955	.07691	6.4232	.34960	.20818
#3	.24565	3.1767	.53739	.07691	6.3598	.34302	.20753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.035	.41653	.29628	1.5081	1.5157	.68671	.21164
Stddev	.041	.00073	.01482	.0115	.0182	.00217	.00334
%RSD	.37263	.17480	5.0028	.76158	1.2013	.31599	1.5795

#1	11.016	.41571	.30798	1.4958	1.4959	.68420	.21402
#2	11.082	.41712	.30125	1.5186	1.5194	.68794	.21309
#3	11.006	.41675	.27961	1.5098	1.5317	.68797	.20782

Sample Name: K2124-05A Acquired: 3/30/2019 0:12:15 Type: Unk
Method: P4-ICP2(v3000) 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	.20039	5.486	.23513	<.00000	F<.00000
Stddev	.00266	.025	.00090	.87478	.83674
%RSD	1.3271	.4542	.38464	34.688	7.0137
#1	.19900	5.459	.23529	-1.5243	-11.197
#2	.20346	5.509	.23594	-2.8828	-11.752
#3	.19872	5.489	.23415	-3.1583	-12.842
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3727.3	40954.	3112.2	47.172	4219.7
Stddev	8.3	196.	5.4	1.750	3.9
%RSD	.22395	.47866	.17447	3.7107	.09163
#1	3727.3	40732.	3115.6	45.600	4223.9
#2	3735.7	41028.	3115.1	46.858	4216.2
#3	3719.0	41102.	3105.9	49.058	4219.1

Sample Name: K2153-01 Acquired: 3/30/2019 0:16:24 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14312	-.02346	6.0171	.12444	.00570	146.13	3.9688
Stddev	.00720	.00110	.0142	.00178	.00084	.10	.0158
%RSD	5.0274	4.7020	.23557	1.4342	14.749	.06726	.39846

#1	.13481	-.02235	6.0053	.12472	.00552	146.04	3.9783
#2	.14717	-.02348	6.0131	.12607	.00496	146.11	3.9506
#3	.14738	-.02456	6.0328	.12253	.00661	146.24	3.9776

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00736	.01436	730.14	.37738	.19020	1.8487	316.50
Stddev	.00001	.00024	2.02	.00026	.00027	.0014	.38
%RSD	.15908	1.6978	.27635	.06973	.14216	.07808	.11973

#1	-.00736	.01448	729.68	.37724	.18991	1.8501	316.91
#2	-.00734	.01408	732.35	.37768	.19045	1.8487	316.17
#3	-.00737	.01452	728.39	.37722	.19025	1.8472	316.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7695	88.574	.77772	-.06417	5.8722	.79334	8.2637
Stddev	.0086	.474	.00198	.00101	.0339	.00199	.0102
%RSD	.18143	.53484	.25464	1.5721	.57719	.25058	.12373

#1	4.7655	88.745	.77577	-.06530	5.9032	.79551	8.2523
#2	4.7636	88.039	.77973	-.06382	5.8360	.79289	8.2669
#3	4.7795	88.939	.77768	-.06337	5.8774	.79162	8.2720

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.788	.03959	.57024	F 36.848	2.0074	.28590	9.0414
Stddev	.013	.00015	.01188	.077	.0203	.00225	.0264
%RSD	.03002	.38371	2.0838	.20882	1.0125	.78874	.29221

#1	44.774	.03956	.58385	36.762	2.0210	.28460	9.0524
#2	44.801	.03976	.56488	36.871	2.0172	.28850	9.0605
#3	44.789	.03946	.56197	36.911	1.9841	.28459	9.0112

Sample Name: K2153-01 Acquired: 3/30/2019 0:16:24 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27694	F 11.54	2.4405	<.00000	F<.00000
Stddev	.00325	.04	.0107	.46365	14.572
%RSD	1.1751	.3355	.43623	2.8299	2.0216

#1	.27320	11.51	2.4443	-16.856	-727.49
#2	.27854	11.58	2.4488	-16.367	-730.87
#3	.27909	11.52	2.4285	-15.929	-704.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3722.8	42024.	3460.3	39.278	3308.6
Stddev	1.6	70.	23.5	.399	7.0
%RSD	.04183	.16739	.67880	1.0171	.21099

#1	3721.9	42008.	3467.8	38.827	3314.4
#2	3724.6	41963.	3434.0	39.587	3310.6
#3	3722.0	42101.	3479.1	39.420	3300.8

Sample Name: K2153-03 Acquired: 3/30/2019 0:20:50 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07498	-.01310	1.2835	.07981	-.00093	150.53	1.4705
Stddev	.00432	.00194	.0032	.00709	.00128	.38	.0085
%RSD	5.7599	14.817	.25090	8.8882	138.11	.25571	.58096

#1	.07005	-.01136	1.2871	.08583	.00012	150.41	1.4709
#2	.07812	-.01519	1.2825	.07199	-.00235	150.96	1.4788
#3	.07676	-.01273	1.2809	.08162	-.00054	150.22	1.4617

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	.00291	1210.6	.20712	.10967	.53534	163.28
Stddev	.00009	.00041	5.5	.00072	.00067	.00051	.69
%RSD	4.4182	14.100	.45024	.34720	.60782	.09570	.42419

#1	-.00207	.00293	1209.8	.20739	.11044	.53537	163.93
#2	-.00218	.00331	1205.6	.20631	.10936	.53481	162.55
#3	-.00200	.00249	1216.4	.20767	.10922	.53583	163.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0201	77.044	.23827	-.04945	8.2960	.31728	3.4105
Stddev	.0058	.303	.00108	.00017	.0219	.00158	.0180
%RSD	.14359	.39275	.45147	.34497	.26389	.49847	.52902

#1	4.0157	77.379	.23708	-.04933	8.2889	.31714	3.4240
#2	4.0178	76.962	.23917	-.04938	8.3206	.31578	3.4174
#3	4.0266	76.790	.23856	-.04965	8.2786	.31893	3.3900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.024	.00831	.25537	F 40.896	1.5098	.02262	5.3307
Stddev	.160	.00054	.00936	.275	.0114	.00097	.0087
%RSD	.72831	6.5440	3.6669	.67334	.75700	4.2671	.16261

#1	22.125	.00772	.24661	41.076	1.5113	.02369	5.3371
#2	22.108	.00879	.25424	41.034	1.4977	.02182	5.3340
#3	21.839	.00844	.26524	40.579	1.5204	.02235	5.3208

Sample Name: K2153-03 Acquired: 3/30/2019 0:20:50 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20354	8.545	6.0618	<.00000	F<.00000
Stddev	.00184	.044	.0227	.45618	2.2031
%RSD	.90332	.5206	.37484	16.176	.95072

#1	.20439	8.567	6.0824	-3.3465	-229.59
#2	.20143	8.574	6.0375	-2.5400	-231.60
#3	.20481	8.494	6.0655	-2.5738	-233.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.8	39500.	3296.0	39.655	3234.2
Stddev	3.8	94.	19.1	1.551	13.8
%RSD	.10792	.23787	.58005	3.9108	.42796

#1	3519.3	39434.	3293.7	38.465	3221.1
#2	3522.3	39457.	3316.2	41.409	3232.8
#3	3526.8	39607.	3278.1	39.091	3248.7

Sample Name: K2153-05 Acquired: 3/30/2019 0:25:18 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10435	-.02358	4.2604	.10565	.01345	140.50	2.6099
Stddev	.00328	.00294	.0260	.00630	.00146	.29	.0035
%RSD	3.1446	12.452	.61001	5.9660	10.890	.20707	.13247

#1	.10753	-.02179	4.2397	.11285	.01241	140.63	2.6073
#2	.10098	-.02197	4.2518	.10109	.01281	140.70	2.6138
#3	.10453	-.02696	4.2895	.10303	.01512	140.16	2.6086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00609	.00503	824.78	.35717	.11211	1.5207	243.71
Stddev	.00028	.00022	5.01	.00271	.00053	.0054	.28
%RSD	4.6036	4.3402	.60790	.75844	.47287	.35459	.11413

#1	-.00634	.00528	826.55	.35587	.11165	1.5196	243.64
#2	-.00579	.00489	828.67	.35536	.11200	1.5159	243.48
#3	-.00614	.00491	819.12	.36028	.11269	1.5265	244.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4983	76.277	.34801	-.05134	5.5073	.43853	4.5527
Stddev	.0091	.053	.00148	.00107	.0115	.00149	.0239
%RSD	.20289	.06999	.42512	2.0842	.20910	.34006	.52416

#1	4.4961	76.338	.34637	-.05190	5.4981	.43684	4.5323
#2	4.4906	76.256	.34845	-.05201	5.5035	.43908	4.5467
#3	4.5084	76.238	.34923	-.05011	5.5202	.43967	4.5789

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.495	.03308	.36224	F 41.469	1.5356	.25164	8.4486
Stddev	.131	.00053	.01597	.250	.0069	.00218	.0206
%RSD	.34835	1.5921	4.4086	.60369	.44717	.86636	.24419

#1	37.348	.03284	.37992	41.255	1.5416	.25236	8.4286
#2	37.597	.03271	.35793	41.408	1.5370	.24919	8.4698
#3	37.539	.03368	.34886	41.745	1.5281	.25337	8.4473

Sample Name: K2153-05 Acquired: 3/30/2019 0:25:18 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24046	9.804	3.4738	<.00000	F<.00000
Stddev	.00079	.037	.0239	.53114	2.8280
%RSD	.32742	.3733	.68912	23.520	.63682

#1	.24124	9.772	3.4825	-2.5555	-446.10
#2	.24048	9.796	3.4922	-2.5743	-445.30
#3	.23966	9.844	3.4468	-1.6451	-440.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.3	40477.	3356.1	41.841	3312.1
Stddev	12.8	32.	22.4	.347	16.6
%RSD	.35678	.08009	.66628	.82989	.50072

#1	3598.7	40450.	3343.1	42.115	3322.1
#2	3615.2	40468.	3343.4	41.451	3321.2
#3	3589.9	40513.	3382.0	41.957	3292.9

Sample Name: K2153-07 Acquired: 3/30/2019 0:29:44 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08447	-.00941	.83756	.07483	-.00095	131.31	1.1678
Stddev	.00461	.00102	.00205	.00309	.00222	.56	.0075
%RSD	5.4605	10.891	.24463	4.1285	232.81	.42844	.64033

#1	.08562	-.00874	.83547	.07223	-.00287	131.95	1.1764
#2	.08840	-.00889	.83957	.07403	-.00148	131.04	1.1644
#3	.07939	-.01059	.83765	.07825	.00148	130.93	1.1627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00362	.01678	1274.8	.36309	.05819	.99689	171.21
Stddev	.00008	.00017	6.5	.00201	.00045	.00603	.17
%RSD	2.1185	1.0235	.50924	.55297	.77741	.60520	.09983

#1	-.00362	.01686	1271.1	.36079	.05837	.99945	171.40
#2	-.00369	.01659	1282.3	.36445	.05768	1.0012	171.16
#3	-.00354	.01690	1270.9	.36404	.05853	.99000	171.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1722	66.431	.15723	-.04554	3.9657	.34756	3.1503
Stddev	.0038	.746	.00071	.00111	.0114	.00118	.0102
%RSD	.09132	1.1233	.45054	2.4378	.28811	.34041	.32328

#1	4.1766	67.138	.15771	-.04431	3.9789	.34631	3.1608
#2	4.1699	66.503	.15642	-.04646	3.9585	.34867	3.1496
#3	4.1701	65.651	.15756	-.04584	3.9598	.34770	3.1405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5707	.01597	.39941	F 46.329	1.3908	.01263	4.9354
Stddev	.1151	.00050	.02036	.023	.0162	.00177	.0107
%RSD	1.3425	3.1426	5.0984	.04943	1.1648	14.012	.21721

#1	8.6928	.01577	.38803	46.339	1.3738	.01290	4.9289
#2	8.4643	.01559	.42292	46.346	1.4061	.01074	4.9478
#3	8.5550	.01654	.38728	46.303	1.3925	.01424	4.9295

Sample Name: K2153-07 Acquired: 3/30/2019 0:29:44 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15877	7.536	6.6229	<.00000	F<.00000
Stddev	.00030	.009	.0286	.90672	3.4507
%RSD	.18622	.1265	.43136	74.628	1.4908

#1	.15844	7.528	6.6176	-.84167	-227.49
#2	.15899	7.547	6.6537	-2.2488	-233.66
#3	.15889	7.532	6.5973	-.55450	-233.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3390.7	38011.	3184.9	41.857	3227.5
Stddev	6.7	137.	17.8	1.127	13.0
%RSD	.19905	.36004	.55801	2.6931	.40138

#1	3383.3	37853.	3203.1	42.224	3212.8
#2	3392.2	38077.	3167.6	42.756	3232.6
#3	3396.6	38102.	3184.0	40.592	3237.1

Sample Name: K2153-09 Acquired: 3/30/2019 0:34:10 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12382	-.01968	7.4249	.15011	.00151	146.94	3.6026
Stddev	.00499	.00111	.0213	.00315	.00182	.71	.0254
%RSD	4.0285	5.6300	.28728	2.1009	120.47	.48405	.70429

#1	.12116	-.01988	7.4417	.15315	.00085	146.59	3.6023
#2	.12958	-.02068	7.4320	.15032	.00357	146.47	3.5773
#3	.12074	-.01849	7.4009	.14685	.00012	147.76	3.6281

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00979	.01850	636.49	.60437	.13752	2.3267	376.19
Stddev	.00049	.00017	1.17	.00331	.00046	.0055	.89
%RSD	4.9860	.93131	.18404	.54699	.33513	.23801	.23683

#1	-.00922	.01868	635.15	.60238	.13736	2.3211	377.15
#2	-.01004	.01851	637.31	.60819	.13716	2.3322	376.02
#3	-.01009	.01833	637.01	.60254	.13804	2.3267	375.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5657	80.872	.52358	-.05937	6.1508	.52289	8.8867
Stddev	.0083	.447	.00123	.00008	.0471	.00263	.0285
%RSD	.14925	.55288	.23442	.14013	.76518	.50249	.32099

#1	5.5569	81.101	.52251	-.05931	6.1516	.52583	8.9155
#2	5.5734	80.357	.52492	-.05946	6.1033	.52203	8.8863
#3	5.5668	81.158	.52331	-.05933	6.1974	.52079	8.8584

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.460	.05135	.19154	F 30.681	1.4887	.15950	8.7875
Stddev	.120	.00052	.00858	.070	.0214	.00027	.0258
%RSD	.28339	1.0211	4.4812	.22966	1.4386	.17043	.29366

#1	42.337	.05076	.19809	30.739	1.5007	.15981	8.7577
#2	42.466	.05152	.19470	30.703	1.5014	.15929	8.8036
#3	42.578	.05176	.18182	30.603	1.4640	.15939	8.8012

Sample Name: K2153-09 Acquired: 3/30/2019 0:34:10 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25030	F 11.70	2.0849	<.00000	F<.00000
Stddev	.00275	.00	.0020	.66038	3.9031
%RSD	1.0991	.0393	.09755	5.3642	.44742

#1	.24819	11.70	2.0862	-11.673	-875.10
#2	.25341	11.70	2.0859	-12.992	-874.08
#3	.24931	11.69	2.0825	-12.268	-867.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.5	40972.	3366.3	40.483	3352.4
Stddev	7.3	36.	17.9	.765	12.2
%RSD	.19926	.08690	.53112	1.8900	.36440

#1	3638.0	41011.	3370.8	41.201	3344.6
#2	3631.5	40963.	3346.5	39.678	3346.1
#3	3645.9	40942.	3381.4	40.568	3366.5

Sample Name: K2153-11 Acquired: 3/30/2019 0:38:36 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06261	-.01200	2.0541	.08604	-.00176	141.83	1.1054
Stddev	.00413	.00213	.0049	.00534	.00113	.43	.0059
%RSD	6.5999	17.735	.23926	6.2026	63.934	.30246	.53165

#1	.06034	-.01140	2.0505	.08536	-.00306	142.32	1.1110
#2	.06011	-.01023	2.0597	.09169	-.00123	141.68	1.1060
#3	.06738	-.01436	2.0520	.08109	-.00101	141.51	1.0993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00432	-.00144	1277.0	.28595	.06102	.35926	189.45
Stddev	.00030	.00007	7.6	.00130	.00054	.00142	.55
%RSD	6.8640	5.0757	.59395	.45579	.87699	.39639	.29121

#1	-.00400	-.00152	1279.0	.28587	.06040	.35773	189.89
#2	-.00438	-.00137	1268.6	.28468	.06139	.36055	189.64
#3	-.00459	-.00142	1283.4	.28729	.06125	.35950	188.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5753	62.155	.13027	-.05471	4.1120	.25346	2.0953
Stddev	.0162	.440	.00147	.00138	.0094	.00260	.0026
%RSD	.45234	.70722	1.1320	2.5218	.22784	1.0249	.12265

#1	3.5839	62.295	.12876	-.05339	4.1105	.25265	2.0974
#2	3.5855	61.663	.13034	-.05614	4.1034	.25637	2.0925
#3	3.5567	62.508	.13171	-.05460	4.1220	.25137	2.0962

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.564	.00687	.31116	F 37.530	1.4768	.00641	5.5950
Stddev	.013	.00020	.01762	.057	.0078	.00073	.0218
%RSD	.10104	2.9104	5.6621	.15068	.52941	11.430	.38945

#1	12.552	.00665	.30646	37.581	1.4696	.00673	5.5843
#2	12.577	.00690	.29637	37.540	1.4852	.00558	5.6200
#3	12.562	.00705	.33065	37.469	1.4757	.00693	5.5806

Sample Name: K2153-11 Acquired: 3/30/2019 0:38:36 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16691	7.136	5.2799	<.00000	F<.00000
Stddev	.00154	.005	.0366	.86547	6.8688
%RSD	.92304	.0739	.69402	101.12	2.4615

#1	.16551	7.135	5.3002	-1.8521	-273.24
#2	.16856	7.141	5.2376	-.42641	-286.63
#3	.16664	7.131	5.3020	-.28907	-277.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3425.7	38332.	3203.9	39.597	3234.6
Stddev	1.6	165.	11.1	.735	3.1
%RSD	.04754	.42922	.34502	1.8549	.09657

#1	3427.2	38233.	3199.4	38.839	3234.0
#2	3424.0	38240.	3216.6	39.647	3238.0
#3	3425.8	38522.	3195.9	40.305	3231.9

Sample Name: K2153-13 Acquired: 3/30/2019 0:43:04 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10955	-.02822	4.6543	.11283	.00073	156.48	3.0866
Stddev	.00202	.00169	.0140	.00117	.00244	.51	.0152
%RSD	1.8449	5.9833	.30108	1.0373	334.15	.32367	.49330

#1	.11183	-.02627	4.6639	.11264	.00288	156.30	3.0927
#2	.10886	-.02920	4.6382	.11177	-.00192	157.05	3.0978
#3	.10797	-.02920	4.6607	.11409	.00123	156.08	3.0693

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00537	.00676	806.13	.46642	.12439	1.4074	247.14
Stddev	.00026	.00010	12.23	.00213	.00031	.0033	.22
%RSD	4.7863	1.4771	1.5165	.45759	.24938	.23544	.08744

#1	-.00513	.00686	816.82	.46544	.12424	1.4048	247.10
#2	-.00564	.00666	792.80	.46496	.12475	1.4111	247.37
#3	-.00534	.00677	808.77	.46887	.12418	1.4061	246.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7454	98.835	.41306	-.05498	5.4037	.51137	5.3473
Stddev	.0012	.707	.00111	.00014	.0222	.00255	.0110
%RSD	.03088	.71523	.26806	.26113	.41091	.49802	.20486

#1	3.7465	98.864	.41237	-.05482	5.4273	.50979	5.3509
#2	3.7442	99.527	.41248	-.05505	5.4004	.51431	5.3350
#3	3.7455	98.114	.41434	-.05508	5.3833	.51001	5.3560

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.299	.06061	.25436	F 35.563	1.7785	.12992	9.9156
Stddev	.201	.00056	.01027	.148	.0290	.00116	.0432
%RSD	.44399	.91983	4.0383	.41745	1.6330	.89536	.43565

#1	45.184	.06115	.26590	35.554	1.7782	.12859	9.9597
#2	45.531	.06065	.24621	35.419	1.7496	.13042	9.8733
#3	45.181	.06003	.25098	35.716	1.8076	.13076	9.9139

Sample Name: K2153-13 Acquired: 3/30/2019 0:43:04 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-7 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27143	9.319	2.9834	<.00000	F<.00000
Stddev	.00069	.020	.0449	.60759	6.8697
%RSD	.25523	.2119	1.5035	31.032	1.4993

#1	.27214	9.299	3.0283	-1.3703	-450.32
#2	.27075	9.321	2.9386	-2.5837	-461.33
#3	.27141	9.338	2.9835	-1.9199	-462.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.5	40296.	3358.0	40.614	3296.4
Stddev	4.2	133.	49.9	2.670	2.9
%RSD	.11635	.32935	1.4863	6.5743	.08766

#1	3603.8	40211.	3317.8	37.992	3294.6
#2	3595.8	40228.	3413.9	43.329	3299.7
#3	3601.9	40449.	3342.5	40.520	3295.0

Sample Name: K2153-15 Acquired: 3/30/2019 0:47:31 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20002	-.01329	12.326	.16536	.06678	117.89	4.1064
Stddev	.00108	.00304	.027	.00656	.00283	.62	.0215
%RSD	.53836	22.883	.21536	3.9694	4.2339	.52744	.52413

#1	.19890	-.01599	12.299	.15992	.07003	117.28	4.0905
#2	.20105	-.01387	12.352	.16352	.06545	117.87	4.0979
#3	.20011	-.01000	12.326	.17265	.06487	118.52	4.1309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01171	.01661	199.12	.39998	.18668	4.7502	448.02
Stddev	.00036	.00039	1.65	.00134	.00085	.0034	.89
%RSD	3.0677	2.3473	.82865	.33408	.45762	.07122	.19843

#1	-.01202	.01616	197.96	.40143	.18570	4.7463	448.63
#2	-.01177	.01681	201.01	.39880	.18725	4.7521	448.43
#3	-.01132	.01686	198.39	.39971	.18709	4.7522	447.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4810	71.487	.62162	-.06772	5.8918	.49370	9.2236
Stddev	.0052	.366	.00119	.00039	.0425	.00204	.0178
%RSD	.11632	.51223	.19177	.57141	.72219	.41245	.19314

#1	4.4814	71.065	.62025	-.06760	5.8483	.49140	9.2113
#2	4.4861	71.675	.62244	-.06740	5.8938	.49442	9.2440
#3	4.4757	71.721	.62216	-.06815	5.9333	.49528	9.2154

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.316	.21891	.15305	F 15.506	7.3110	.46986	7.3268
Stddev	.249	.00086	.00981	.051	.0783	.00165	.0158
%RSD	.61842	.39176	6.4100	.32591	1.0712	.35154	.21609

#1	40.029	.21816	.14783	15.460	7.3063	.46834	7.3344
#2	40.437	.21871	.14695	15.560	7.3916	.47162	7.3086
#3	40.482	.21984	.16437	15.497	7.2352	.46963	7.3374

Sample Name: K2153-15 Acquired: 3/30/2019 0:47:31 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-8 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23888	F 15.11	.38873	<.00000	F<.00000
Stddev	.00150	.03	.00489	1.3888	5.5550
%RSD	.62806	.1652	1.2574	5.6916	.46911

#1	.23968	15.08	.38677	-23.479	-1189.5
#2	.23714	15.13	.39430	-23.724	-1178.4
#3	.23981	15.12	.38513	-25.997	-1184.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3820.1	43148.	3441.1	42.345	3477.3
Stddev	5.5	145.	40.5	1.186	8.4
%RSD	.14450	.33682	1.1758	2.8005	.24120

#1	3824.1	43155.	3437.9	42.972	3484.2
#2	3813.8	43000.	3402.3	40.977	3468.0
#3	3822.5	43290.	3483.1	43.087	3479.7

Sample Name: CCV14 Acquired: 3/30/2019 0:51:56 Type: Unk
Method: P4-ICP2(v3000) 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	4.9852	5.0630	4.7643	5.1829	4.9482	9.4447	9.5577
Stddev	.0135	.0104	.0091	.0124	.0037	.0305	.0616
%RSD	.26990	.20549	.19154	.23957	.07490	.32341	.64454

#1	5.0004	5.0576	4.7694	5.1814	4.9453	9.4641	9.6100
#2	4.9803	5.0565	4.7538	5.1713	4.9468	9.4095	9.5733
#3	4.9749	5.0750	4.7698	5.1960	4.9524	9.4605	9.4898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25320	2.4487	26.222	1.0570	2.4734	1.2283	5.3103
Stddev	.00025	.0021	.011	.0008	.0018	.0025	.0053
%RSD	.09682	.08490	.04151	.07283	.07266	.20369	.10018

#1	.25320	2.4469	26.226	1.0561	2.4721	1.2301	5.3083
#2	.25344	2.4481	26.210	1.0575	2.4754	1.2255	5.3063
#3	.25295	2.4510	26.230	1.0574	2.4727	1.2294	5.3164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5188	25.005	2.6121	1.2848	24.199	2.6501	2.4266
Stddev	.0041	.131	.0031	.0036	.127	.0061	.0012
%RSD	.16421	.52513	.11721	.27903	.52621	.23012	.04759

#1	2.5157	24.884	2.6091	1.2871	24.277	2.6565	2.4262
#2	2.5235	24.985	2.6120	1.2807	24.268	2.6443	2.4256
#3	2.5171	25.145	2.6152	1.2866	24.052	2.6496	2.4279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.356	4.9713	4.9079	4.8947	5.1702	4.9898	5.1315
Stddev	.128	.0074	.0292	.0092	.0305	.0087	.0163
%RSD	.52506	.14947	.59464	.18764	.58964	.17388	.31820

#1	24.488	4.9704	4.9329	4.8853	5.1351	4.9865	5.1127
#2	24.347	4.9643	4.8758	4.8951	5.1852	4.9833	5.1421
#3	24.232	4.9791	4.9151	4.9036	5.1902	4.9997	5.1396

Sample Name: CCV14 Acquired: 3/30/2019 0:51:56 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0511	5.078	5.0318	F 1.9518	F<.00000
Stddev	.0234	.002	.0224	.4472	.98041
%RSD	.46267	.0354	.44463	22.910	56.994
#1	5.0321	5.080	5.0227	1.9552	-.58843
#2	5.0772	5.076	5.0572	2.3972	-2.3086
#3	5.0440	5.079	5.0153	1.5029	-2.2636
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.4	39724.	3065.7	43.937	3823.6
Stddev	6.3	55.	14.8	1.721	5.9
%RSD	.17556	.13904	.48240	3.9167	.15492
#1	3602.5	39682.	3082.7	45.847	3819.6
#2	3607.6	39703.	3055.5	42.507	3820.7
#3	3615.1	39786.	3059.0	43.457	3830.4

Sample Name: CCB14 Acquired: 3/30/2019 0:55:55 Type: Unk
Method: P4-ICP2(v3000) 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	.00118	.00253	-.00061	.00201	-.00113	-.01217	.00640
Stddev	.00300	.00099	.00132	.00366	.00054	.00751	.00056
%RSD	254.35	38.944	215.26	182.22	48.079	61.686	8.6751

#1	.00458	.00150	.00090	-.00141	-.00142	-.02078	.00700
#2	.00002	.00264	-.00150	.00587	-.00050	-.00704	.00630
#3	-.00106	.00346	-.00125	.00157	-.00148	-.00868	.00591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00012	.00103	.00014	.00023	-.00472	.00198
Stddev	.00005	.00009	.01136	.00041	.00008	.00058	.00086
%RSD	164.52	77.700	1104.6	284.44	34.463	12.244	43.495

#1	-.00000	-.00004	.01414	-.00025	.00031	-.00432	.00146
#2	.00000	-.00009	-.00521	.00057	.00023	-.00446	.00151
#3	-.00008	-.00022	-.00584	.00011	.00016	-.00538	.00298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.14635	-.00014	.00055	-.05294	-.00045	.00206
Stddev	.00005	.07584	.00046	.00057	.01000	.00074	.00028
%RSD	7.1509	51.819	335.88	103.30	18.894	163.19	13.529

#1	.00069	-.23127	-.00062	.00064	-.05371	-.00080	.00232
#2	.00069	-.12237	-.00009	-.00006	-.06254	.00039	.00210
#3	.00078	-.08540	.00030	.00108	-.04257	-.00095	.00177

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11757	.00036	.02285	.00301	-.00106	.00047	-.00125
Stddev	.00930	.00006	.00649	.00161	.00154	.00057	.00100
%RSD	7.9072	17.789	28.419	53.478	145.31	120.81	80.538

#1	.11674	.00042	.01546	.00465	-.00193	.00107	-.00240
#2	.12725	.00038	.02545	.00144	.00072	.00042	-.00071
#3	.10871	.00029	.02763	.00293	-.00197	-.00007	-.00063

Sample Name: CCB14 Acquired: 3/30/2019 0:55:55 Type: Unk
 Method: P4-ICP2(v3000) 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	-.00532	.0032	.00006	F<.00000	F<.00000
Stddev	.00149	.0003	.00017	.64072	1.0018
%RSD	28.105	10.47	266.51	32.920	64.744
#1	-.00664	.0034	-.00004	-1.8620	-2.5290
#2	-.00560	.0034	.00026	-2.6250	-.52659
#3	-.00370	.0028	-.00003	-1.3519	-1.5863
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.8	40675.	3039.2	44.569	4211.6
Stddev	9.9	40.	23.8	1.457	9.7
%RSD	.26444	.09913	.78461	3.2685	.22917
#1	3725.0	40646.	3061.5	45.667	4203.2
#2	3727.4	40721.	3014.1	45.125	4209.3
#3	3743.1	40659.	3042.1	42.917	4222.1

Sample Name: K2153-17 Acquired: 3/30/2019 1:00:25 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08327	-.02655	5.5028	.10596	.00076	135.52	2.4462
Stddev	.00270	.00168	.0253	.00219	.00201	.94	.0163
%RSD	3.2439	6.3301	.46023	2.0669	264.18	.69497	.66808

#1	.08399	-.02849	5.5319	.10704	-.00047	135.21	2.4430
#2	.08554	-.02552	5.4863	.10740	-.00032	136.57	2.4639
#3	.08028	-.02563	5.4900	.10344	.00308	134.77	2.4316

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00542	.01346	744.49	.82457	.11681	1.7639	244.36
Stddev	.00029	.00050	2.62	.00271	.00104	.0022	.71
%RSD	5.3299	3.6959	.35142	.32813	.88634	.12435	.29173

#1	-.00524	.01403	745.05	.82764	.11800	1.7617	244.02
#2	-.00576	.01315	741.63	.82358	.11638	1.7640	245.18
#3	-.00527	.01320	746.77	.82251	.11607	1.7661	243.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9635	69.080	.58063	-.03282	6.3564	.40886	6.5253
Stddev	.0131	.211	.00395	.00046	.0192	.00252	.0331
%RSD	.33026	.30584	.68068	1.4123	.30147	.61700	.50740

#1	3.9688	69.087	.58509	-.03228	6.3768	.40782	6.5630
#2	3.9731	69.288	.57755	-.03307	6.3536	.41173	6.5123
#3	3.9486	68.865	.57926	-.03309	6.3388	.40701	6.5007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.915	.10451	.23270	F 41.430	1.4836	.09040	8.6975
Stddev	.206	.00089	.00620	.109	.0144	.00163	.0056
%RSD	.49194	.85221	2.6662	.26332	.96772	1.7989	.06408

#1	41.868	.10525	.23963	41.527	1.4796	.09201	8.7031
#2	42.140	.10352	.23082	41.452	1.4717	.08876	8.6973
#3	41.736	.10477	.22766	41.312	1.4995	.09042	8.6920

Sample Name: K2153-17 Acquired: 3/30/2019 1:00:25 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23008	F 10.84	2.9522	<.00000	F<.00000
Stddev	.00209	.06	.0107	.77222	2.4311
%RSD	.90647	.5523	.36237	27.279	.52427

#1	.23056	10.91	2.9477	-2.3506	-460.90
#2	.22779	10.80	2.9445	-2.4202	-465.23
#3	.23188	10.81	2.9644	-3.7216	-464.99

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.9	41624.	3393.5	39.488	3317.0
Stddev	3.1	153.	19.4	.908	15.7
%RSD	.08513	.36859	.57068	2.2997	.47448

#1	3698.9	41608.	3395.5	39.356	3298.9
#2	3698.7	41479.	3411.7	40.454	3324.3
#3	3693.3	41784.	3373.1	38.653	3327.7

Sample Name: K2153-19 Acquired: 3/30/2019 1:04:51 Type: Unk
Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONC-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05926	-.05782	5.7203	.09218	-.00278	107.10	2.8655
Stddev	.00139	.00165	.0247	.00450	.00252	.25	.0086
%RSD	2.3401	2.8588	.43103	4.8769	90.657	.23706	.30144

#1	.06081	-.05751	5.7152	.09603	-.00568	107.32	2.8753
#2	.05813	-.05634	5.6986	.08724	-.00124	106.82	2.8591
#3	.05886	-.05960	5.7472	.09328	-.00141	107.17	2.8621

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00692	.02532	318.94	.34740	.19466	1.0689	263.44
Stddev	.00013	.00027	1.25	.00107	.00112	.0005	1.91
%RSD	1.8540	1.0631	.39252	.30706	.57434	.04259	.72662

#1	-.00707	.02547	317.70	.34685	.19511	1.0689	265.04
#2	-.00685	.02548	320.20	.34863	.19339	1.0684	261.32
#3	-.00684	.02501	318.92	.34671	.19549	1.0693	263.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9428	67.632	.46544	-.05954	3.7395	.59600	6.3199
Stddev	.0056	.465	.00048	.00122	.0184	.00443	.0330
%RSD	.14207	.68696	.10404	2.0558	.49106	.74405	.52131

#1	3.9425	68.044	.46505	-.05956	3.7506	.60098	6.3213
#2	3.9485	67.724	.46528	-.06076	3.7183	.59456	6.2863
#3	3.9373	67.128	.46598	-.05831	3.7496	.59247	6.3522

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.752	.05087	.11907	F 29.091	1.3838	.19512	9.0376
Stddev	.074	.00035	.01216	.211	.0020	.00085	.0342
%RSD	.14074	.68279	10.211	.72584	.14237	.43621	.37884

#1	52.791	.05115	.11401	29.117	1.3815	.19581	9.0479
#2	52.667	.05098	.13294	28.868	1.3850	.19417	9.0656
#3	52.800	.05048	.11025	29.288	1.3848	.19539	8.9994

Sample Name: K2153-19 Acquired: 3/30/2019 1:04:51 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONC-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24799	F 42.52	1.0045	<.00000	F<.00000
Stddev	.00187	.17	.0091	.42832	2.4342
%RSD	.75414	.3990	.90718	.89729	.26007

#1	.24708	42.47	.99466	-48.043	-933.35
#2	.24674	42.38	1.0127	-47.918	-938.16
#3	.25014	42.71	1.0062	-47.246	-936.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5424.5	61607.	5009.8	41.781	3355.4
Stddev	17.6	152.	22.9	1.377	22.8
%RSD	.32450	.24640	.45696	3.2964	.68067

#1	5419.4	61453.	5036.2	43.325	3356.2
#2	5444.0	61756.	4994.7	40.677	3377.9
#3	5409.9	61611.	4998.7	41.342	3332.2

Sample Name: K2097-06DLX10 Acquired: 3/30/2019 1:09:16 Type: Unk
Method: P4-ICP2(v3000) 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	.03279	.00411	.02125	.01832	-.00237	.62247	.02115
Stddev	.00302	.00185	.00083	.00175	.00216	.02239	.00145
%RSD	9.2045	45.086	3.9070	9.5611	91.131	3.5965	6.8358

#1	.03076	.00508	.02175	.01631	-.00434	.60129	.02224
#2	.03625	.00528	.02029	.01917	-.00272	.62023	.01951
#3	.03134	.00197	.02170	.01948	-.00006	.64590	.02170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00024	487.14	.01311	.00687	.06620	20.452
Stddev	.00013	.00015	.73	.00038	.00004	.00075	.042
%RSD	16.078	62.399	.15004	2.8660	.61601	1.1291	.20384

#1	-.00090	-.00034	486.76	.01306	.00692	.06695	20.404
#2	-.00078	-.00007	487.98	.01277	.00684	.06620	20.476
#3	-.00065	-.00030	486.68	.01351	.00685	.06545	20.476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38084	277.13	.01016	-.01257	.37345	.01423	.03650
Stddev	.00075	.47	.00038	.00026	.00849	.00032	.00067
%RSD	.19719	.17093	3.7730	2.0584	2.2721	2.2565	1.8405

#1	.38091	277.20	.01015	-.01283	.36416	.01387	.03720
#2	.38155	277.56	.00977	-.01231	.38080	.01447	.03645
#3	.38006	276.62	.01054	-.01257	.37537	.01436	.03586

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62094	.00316	.01978	4.2893	.09001	.00176	.04635
Stddev	.05434	.00008	.02410	.0065	.00446	.00088	.00195
%RSD	8.7511	2.6302	121.81	.15154	4.9522	50.074	4.2174

#1	.68059	.00316	.04341	4.2925	.08504	.00278	.04411
#2	.60799	.00325	.02070	4.2818	.09136	.00118	.04772
#3	.57425	.00308	-.00476	4.2935	.09365	.00133	.04722

Sample Name: K2097-06DLX10 Acquired: 3/30/2019 1:09:16 Type: Unk
Method: P4-ICP2(v3000) 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	.02286	.3944	.17339	2.7508	F<.00000
Stddev	.00115	.0020	.00094	.1578	1.0318
%RSD	5.0398	.4960	.54479	5.7380	17.277

#1	.02314	.3961	.17342	2.6668	-6.6009
#2	.02384	.3923	.17432	2.6528	-6.5344
#3	.02159	.3947	.17243	2.9329	-4.7814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.8	38029.	2957.1	40.999	3436.2
Stddev	27.6	63.	11.9	.670	14.0
%RSD	.82192	.16680	.40398	1.6351	.40605

#1	3327.0	38076.	2969.9	41.683	3425.0
#2	3380.3	38054.	2946.2	40.344	3451.8
#3	3366.1	37957.	2955.2	40.969	3431.8

Sample Name: CCV15 Acquired: 3/30/2019 1:13:40 Type: Unk
Method: P4-ICP2(v3000) 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	4.9704	5.0567	4.7445	5.1709	4.9297	9.5103	9.5958
Stddev	.0510	.0399	.0453	.0478	.0490	.1391	.1132
%RSD	1.0263	.78863	.95480	.92545	.99313	1.4626	1.1798

#1	5.0119	5.0941	4.7894	5.1947	4.9761	9.3505	9.4927
#2	4.9857	5.0612	4.7453	5.2021	4.9344	9.6042	9.7169
#3	4.9134	5.0147	4.6988	5.1158	4.8785	9.5762	9.5779

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25248	2.4389	26.554	1.0601	2.4583	1.2190	5.3249
Stddev	.00347	.0229	.419	.0144	.0223	.0092	.0804
%RSD	1.3726	.93795	1.5784	1.3540	.90868	.75551	1.5104

#1	.24878	2.4634	26.073	1.0448	2.4816	1.2275	5.2363
#2	.25566	2.4352	26.747	1.0732	2.4564	1.2202	5.3933
#3	.25300	2.4181	26.841	1.0625	2.4371	1.2092	5.3450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5161	24.950	2.6084	1.2878	24.413	2.6573	2.4141
Stddev	.0359	.488	.0263	.0158	.302	.0320	.0202
%RSD	1.4267	1.9566	1.0095	1.2291	1.2391	1.2048	.83480

#1	2.4767	24.388	2.6357	1.2714	24.172	2.6212	2.4364
#2	2.5469	25.263	2.6063	1.3030	24.752	2.6824	2.4087
#3	2.5248	25.200	2.5832	1.2889	24.315	2.6684	2.3971

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.397	4.9546	4.9051	4.8873	5.1973	4.9840	5.1919
Stddev	.306	.0448	.1031	.0503	.0685	.0401	.0816
%RSD	1.2562	.90448	2.1012	1.0292	1.3173	.80481	1.5712

#1	24.070	4.9941	4.7861	4.9198	5.1187	5.0223	5.1047
#2	24.678	4.9637	4.9633	4.9127	5.2296	4.9873	5.2047
#3	24.443	4.9059	4.9658	4.8293	5.2437	4.9423	5.2663

Sample Name: CCV15 Acquired: 3/30/2019 1:13:40 Type: Unk
 Method: P4-ICP2(v3000) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0968	5.082	5.0809	F 1.5992	F<.00000
Stddev	.0484	.045	.0375	.7709	2.1355
%RSD	.95037	.8877	.73873	48.205	361.69
#1	5.0411	5.115	5.0376	.79020	-.05695
#2	5.1207	5.100	5.1041	1.6821	-2.9421
#3	5.1286	5.030	5.1011	2.3253	1.2278
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.9	39804.	3050.6	44.043	3840.9
Stddev	31.7	540.	35.5	1.473	32.6
%RSD	.87344	1.3566	1.1624	3.3438	.84819
#1	3600.7	40370.	3091.4	45.024	3806.8
#2	3620.3	39294.	3033.4	44.755	3844.0
#3	3662.7	39749.	3027.1	42.349	3871.7

Sample Name: CCB15 Acquired: 3/30/2019 1:17:40 Type: Unk
Method: P4-ICP2(v3000) 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	.00149	.00204	-.00153	F .00604	-.00042	-.02725	.00649
Stddev	.00338	.00107	.00074	.00068	.00095	.00606	.00013
%RSD	227.15	52.482	48.126	11.286	224.47	22.227	2.0396

#1	.00341	.00282	-.00221	.00556	-.00045	-.02027	.00656
#2	.00346	.00247	-.00074	.00682	-.00136	-.03109	.00634
#3	-.00241	.00082	-.00165	.00574	.00054	-.03040	.00657

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00011	-.00056	.00040	.00016	-.00494	.00164
Stddev	.00001	.00007	.01681	.00071	.00012	.00020	.00102
%RSD	24.744	65.642	3008.6	176.68	75.701	4.1393	62.491

#1	-.00004	-.00016	.01706	.00101	.00021	-.00508	.00122
#2	-.00003	-.00003	-.00230	.00059	.00002	-.00503	.00089
#3	-.00003	-.00015	-.01644	-.00038	.00024	-.00470	.00281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	-.10367	-.00033	.00021	-.06946	.00002	.00096
Stddev	.00011	.02546	.00023	.00038	.00402	.00027	.00021
%RSD	15.430	24.562	71.132	178.34	5.7845	1471.8	21.983

#1	.00066	-.10091	-.00020	.00011	-.07241	.00024	.00115
#2	.00062	-.13039	-.00060	-.00010	-.07108	-.00028	.00100
#3	.00083	-.07969	-.00019	.00063	-.06488	.00009	.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08918	.00048	.01216	-.00026	-.00123	.00143	-.00481
Stddev	.10504	.00016	.01414	.00228	.00456	.00069	.00171
%RSD	117.78	33.411	116.24	881.53	372.28	48.150	35.459

#1	.04717	.00057	.02678	-.00205	.00340	.00066	-.00676
#2	.01165	.00058	-.00144	.00231	-.00573	.00167	-.00410
#3	.20872	.00030	.01114	-.00104	-.00134	.00198	-.00357

Sample Name: CCB15 Acquired: 3/30/2019 1:17:40 Type: Unk
Method: P4-ICP2(v3000) 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	-.00501	.0035	.00002	F<.00000	F<.00000
Stddev	.00073	.0012	.00012	1.0090	2.0451
%RSD	14.608	33.22	665.86	34.812	112.91
#1	-.00523	.0045	.00009	-1.7451	-1.8460
#2	-.00561	.0022	.00009	-3.3322	-3.8386
#3	-.00420	.0037	-.00012	-3.6181	.25111
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.3	40955.	3090.0	44.661	4228.9
Stddev	16.8	91.	29.3	1.629	19.9
%RSD	.44815	.22266	.94672	3.6476	.47001
#1	3733.0	40857.	3073.6	43.758	4208.8
#2	3759.9	40969.	3123.8	46.542	4229.4
#3	3763.8	41038.	3072.6	43.683	4248.6