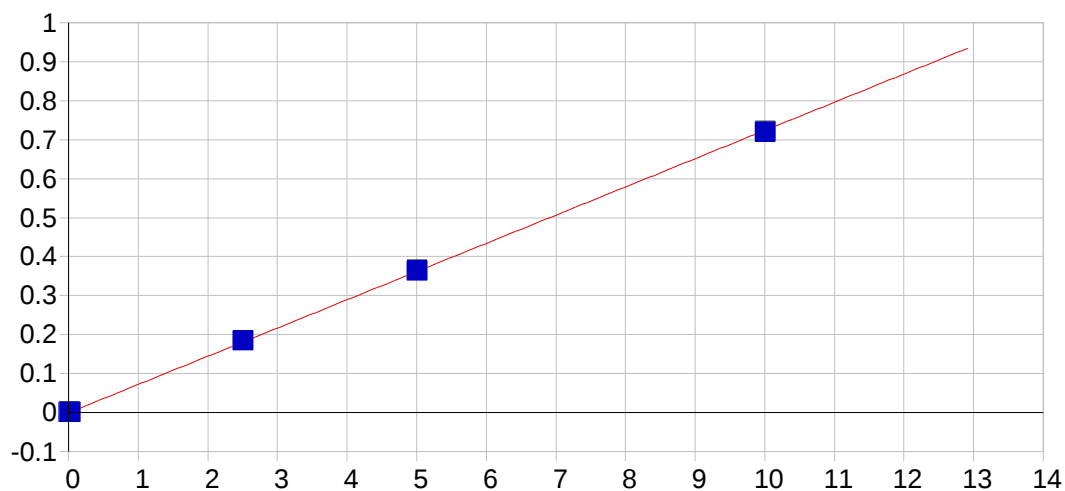


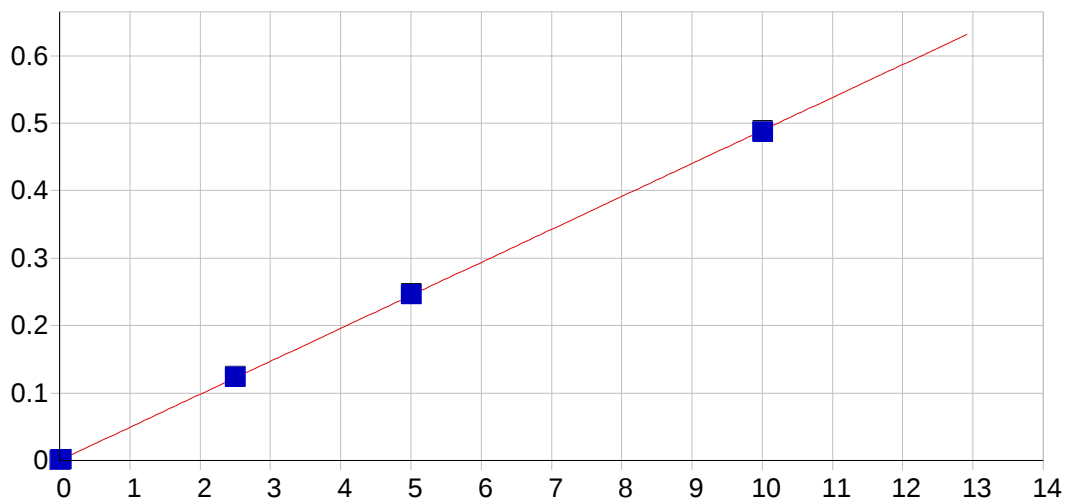


As 189.042 {478}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000313 Re-Slope: 1.000000
 A1 (Gain): 0.072407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002633
 Predicted MQL: 0.008777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.02000	.01717	-.003	-14.2	.00093	.000	1
S3	2.5000	2.5412	.041	1.65	.18368	.001	1
S4	5.0000	5.0287	.029	.573	.36377	.001	1
S5	10.000	9.9329	-.067	-.671	.71885	.002	1



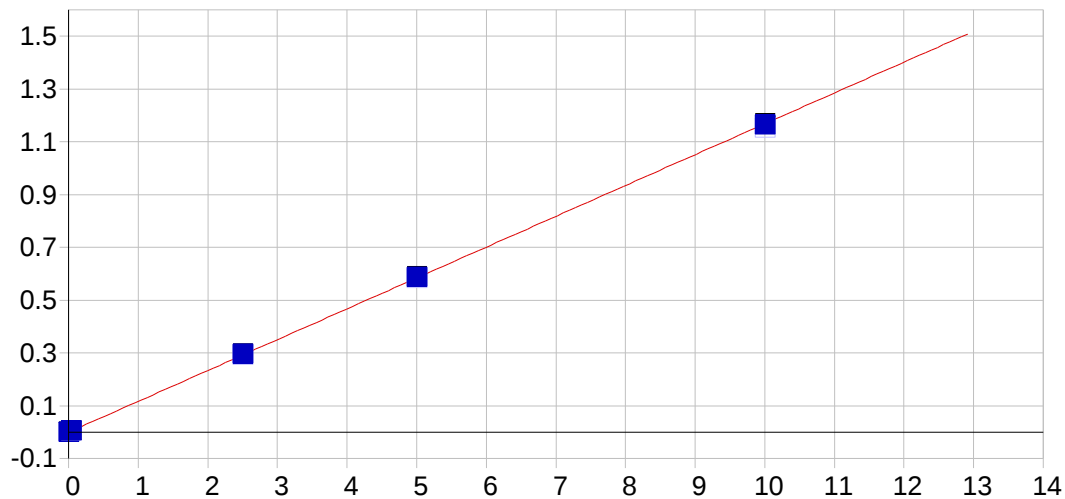
As 189.042 {479}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000291 Re-Slope: 1.000000

A1 (Gain): 0.048875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002456
 Predicted MQL: 0.008187

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.02000	.01937	-.001	-3.17	.00124	.000	1
S3	2.5000	2.5256	.026	1.02	.12373	.001	1
S4	5.0000	5.0210	.021	.419	.24570	.000	1
S5	10.000	9.9541	-.046	-.459	.48681	.001	1

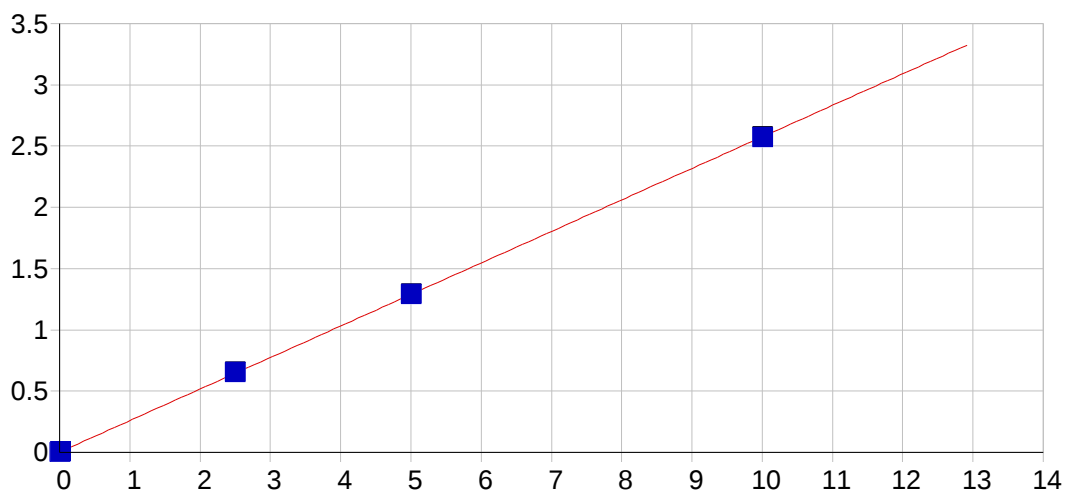


TI 190.856 {477}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.116874 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001238
 Predicted MQL: 0.004126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00051	.000	1
S1	.04000	.04115	.001	2.88	.00418	.000	1
S3	2.5000	2.5225	.022	.900	.29131	.001	1
S4	5.0000	5.0258	.026	.516	.58088	.001	1
S5	10.000	9.9506	-.049	-.494	1.1505	.005	1

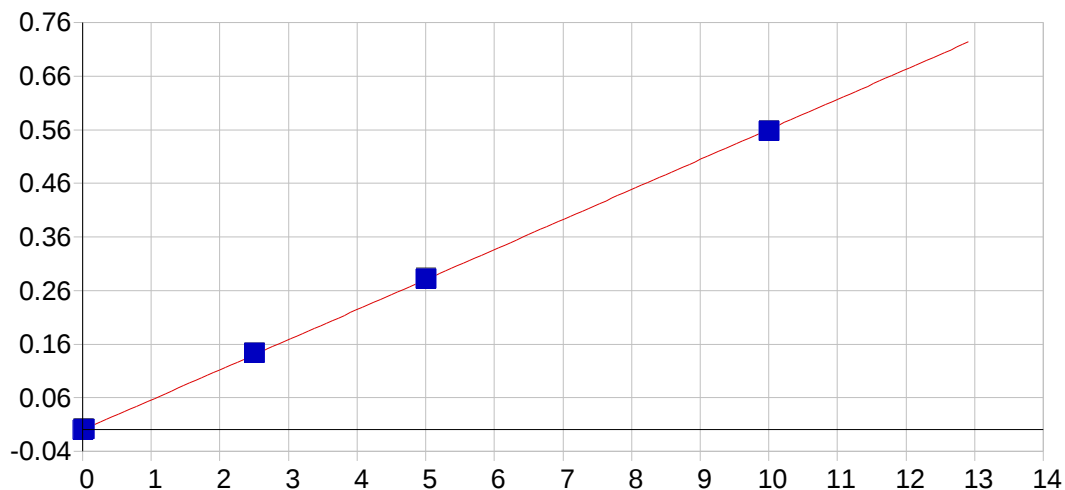


Pb 220.353 (453)

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002559 Re-Slope: 1.000000
 A1 (Gain): 0.257278 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000939
 Predicted MQL: 0.003131

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00256	.000	1
S1	.01200	.01103	-.001	-8.10	.00534	.000	1
S3	2.5000	2.5203	.020	.812	.65010	.001	1
S4	5.0000	4.9980	-.002	-.040	1.2867	.002	1
S5	10.000	9.9827	-.017	-.173	2.5674	.004	1



Se 196.090 (472)

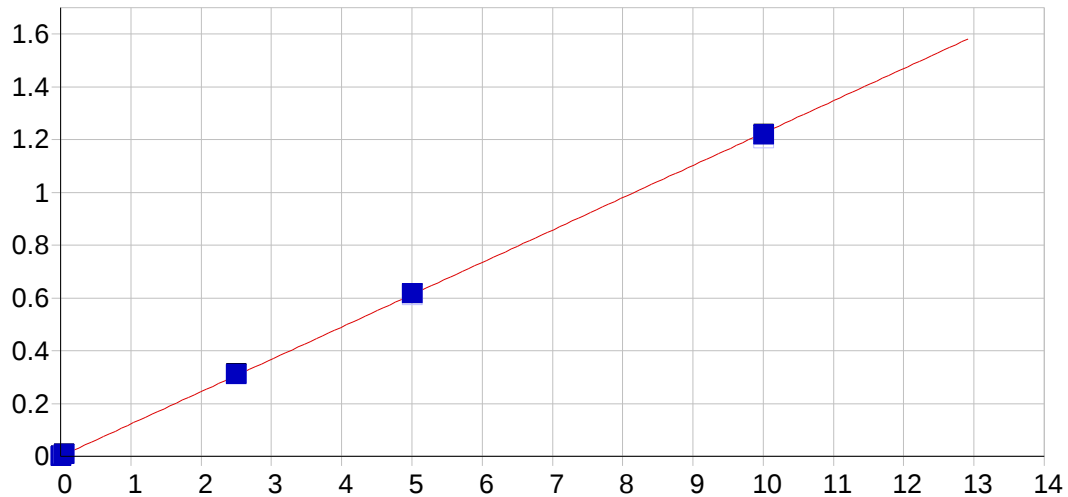
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.056052 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000011
 Predicted MDL: 0.003002
 Predicted MQL: 0.010008

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	.01895	-.001	-5.23	.00100	.000	1
S3	2.5000	2.5410	.041	1.64	.14233	.001	1
S4	5.0000	5.0230	.023	.460	.28142	.000	1
S5	10.000	9.9370	-.063	-.630	.55680	.000	1



Sb 206.833 {463}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

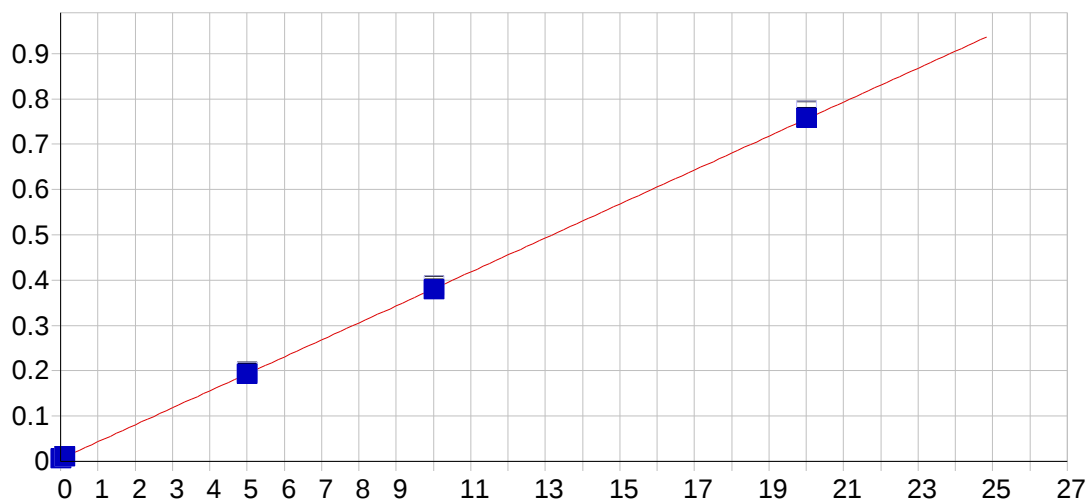
Weighting: 1/Conc

A0 (Offset): 0.000127
 A1 (Gain): 0.122444
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000041
 Predicted MDL: 0.001754
 Predicted MQL: 0.005846

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	.00013	.000	1
S1	.05000	.05167	.002	3.33	.00630	.000	1
S3	2.5000	2.5427	.043	1.71	.30803	.001	1
S4	5.0000	5.0222	.022	.444	.60818	.002	1
S5	10.000	9.9334	-.067	-.666	1.2027	.003	1

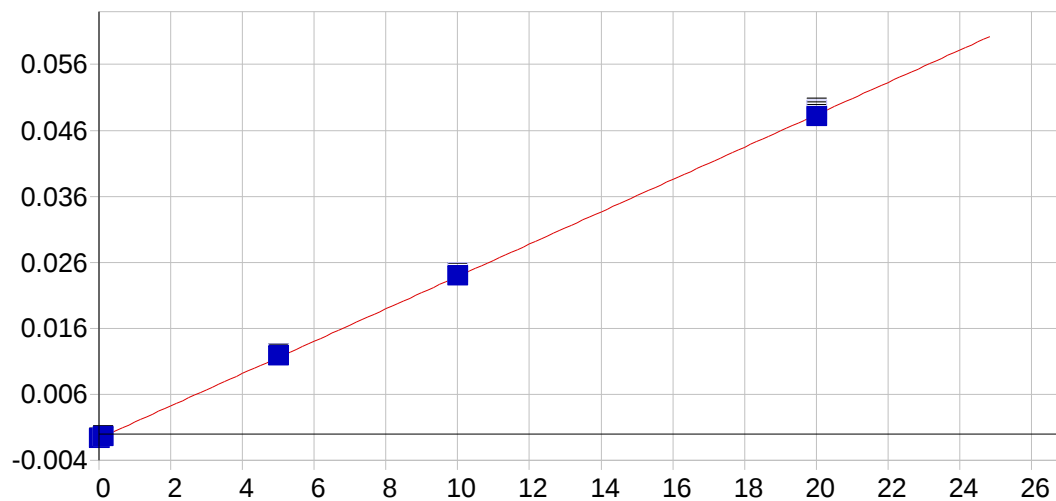


AI 308.215 {109}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005711 Re-Slope: 1.000000
 A1 (Gain): 0.037482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002677
 Predicted MQL: 0.008925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00571	.000	1
S1	.10000	.10391	.004	3.91	.00987	.000	1
S3	5.0000	4.9903	-.010	-.194	.19649	.000	1
S4	10.000	9.9566	-.043	-.434	.38636	.001	1
S5	20.000	20.049	.049	.245	.77211	.001	1



AI 309.271 {109}

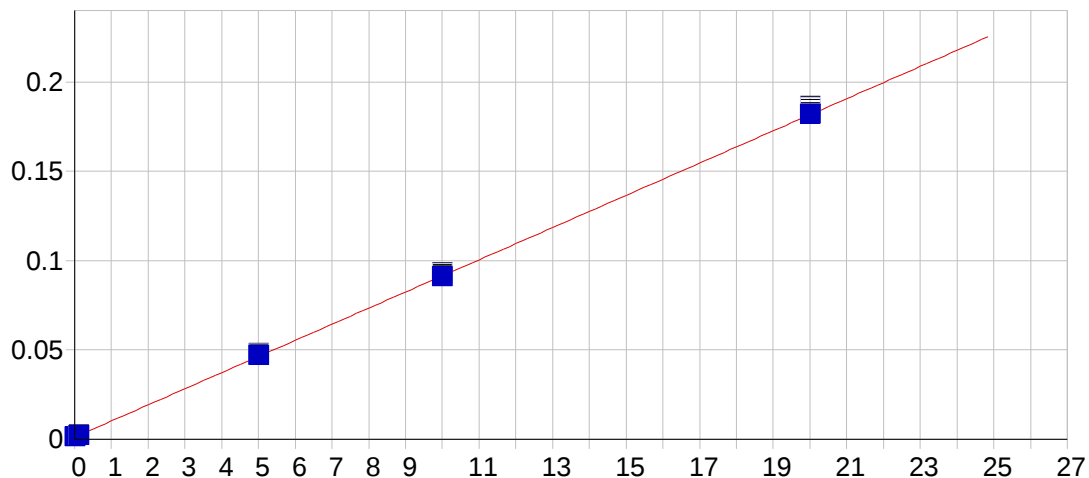
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000660 Re-Slope: 1.000000
 A1 (Gain): 0.002452 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000002
 Predicted MDL: 0.027999
 Predicted MQL: 0.093330

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00066	.000	1
S1	.10000	.10436	.004	4.36	-.00039	.000	1
S3	5.0000	5.0910	.091	1.82	.01207	.000	1
S4	10.000	10.017	.017	.166	.02438	.000	1
S5	20.000	19.888	-.112	-.561	.04907	.000	1



AI 396.152 { 85}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

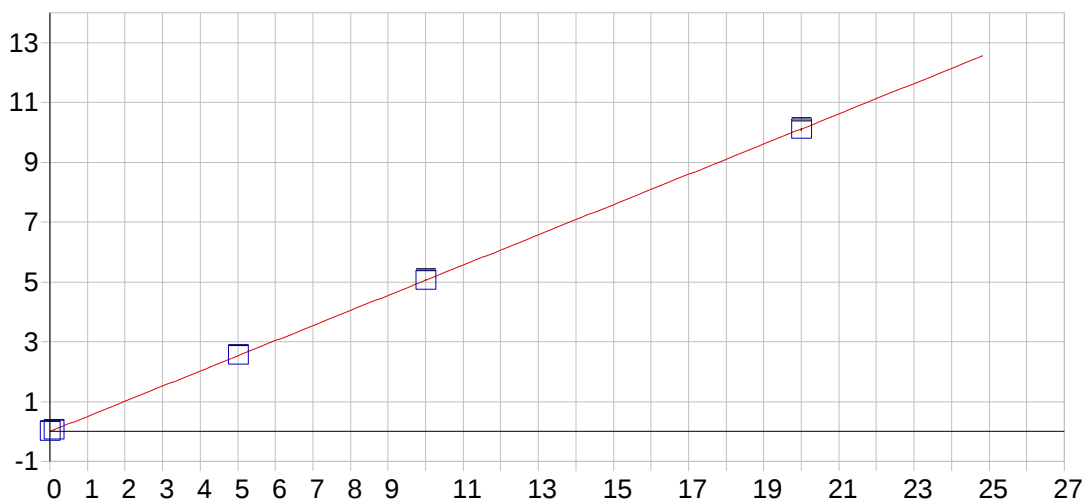
Weighting: 1/Conc

A0 (Offset): 0.001260
 A1 (Gain): 0.009019
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000004
 Predicted MDL: 0.012114
 Predicted MQL: 0.040380

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	.00126	.000	1
S1	.10000	.09410	-.006	-5.90	.00217	.000	1
S3	5.0000	5.0446	.045	.892	.04766	.000	1
S4	10.000	9.9348	-.065	-.652	.09266	.000	1
S5	20.000	20.027	.027	.134	.18548	.001	1

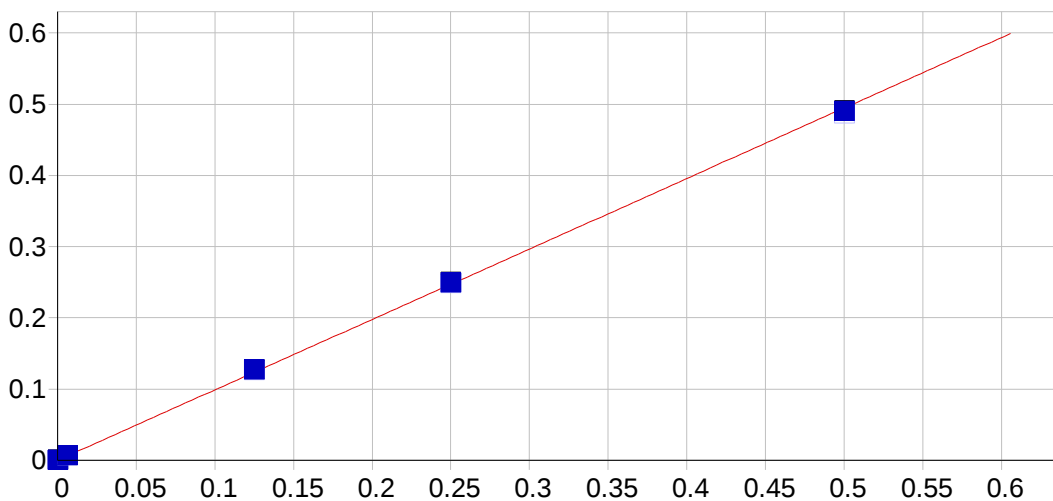


Ba 493.409 { 68}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001082 Re-Slope: 1.000000
 A1 (Gain): 0.505841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.000512
 Predicted MQL: 0.001705

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00108	.000	1
S1	.10000	.09996	-.000	-.040	.04948	.000	1
S3	5.0000	5.0337	.034	.674	2.5452	.016	1
S5	20.000	19.964	-.036	-.178	10.098	.058	1
S4	10.000	10.002	.002	.019	5.0583	.035	1



Be 234.861 {144}

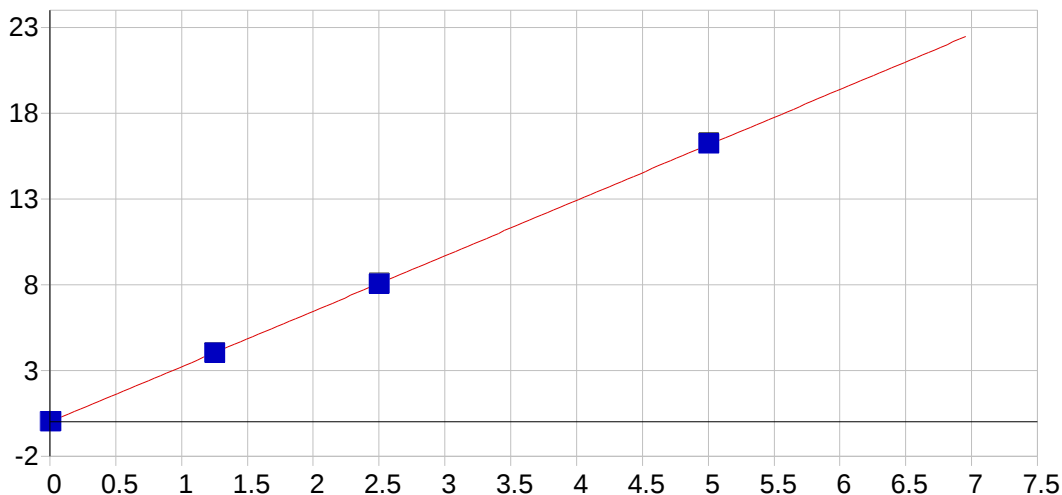
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.989008 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000036
 Predicted MDL: 0.000066
 Predicted MQL: 0.000220

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.00600	.00625	.000	4.24	.00619	.000	1
S3	.12500	.12762	.003	2.09	.12550	.000	1
S4	.25000	.25204	.002	.817	.24779	.001	1
S5	.50000	.49509	-.005	-.982	.48660	.001	1



Cd 226.502 {449}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

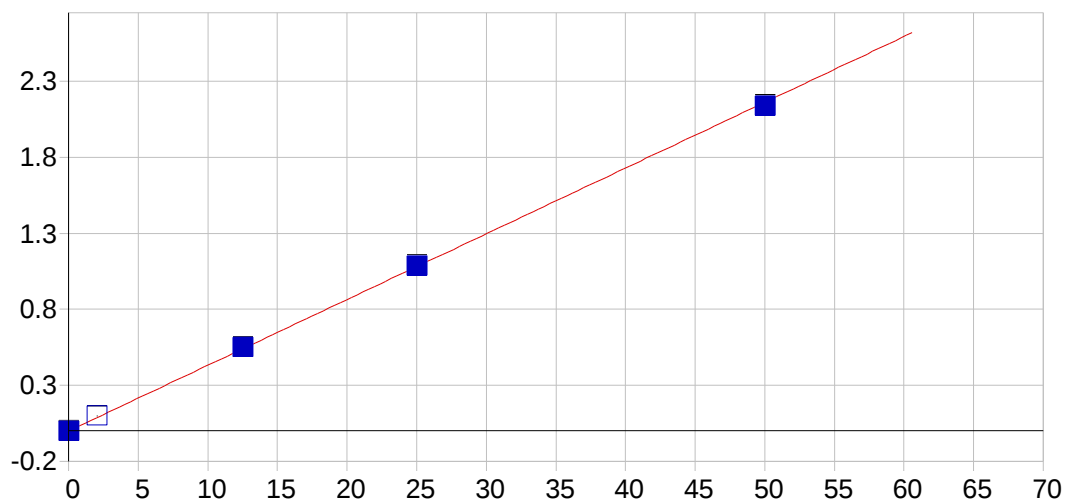
Weighting: 1/Conc

A0 (Offset): -0.004028
 A1 (Gain): 3.230036
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000163
 Predicted MDL: 0.000084
 Predicted MQL: 0.000279

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	-.00403	.000	1
S1	.00600	.00593	-.000	-1.17	.01516	.000	1
S3	1.2500	1.2361	-.014	-1.11	3.9896	.002	1
S4	2.5000	2.4936	-.006	-.258	8.0521	.012	1
S5	5.0000	5.0204	.020	.408	16.216	.021	1

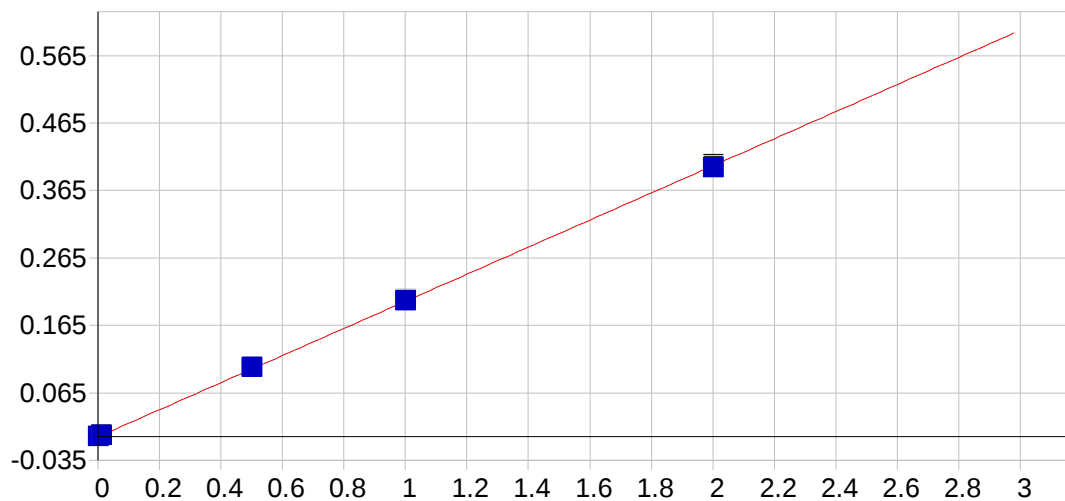


Ca 373.690 { 90}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000393 Re-Slope: 1.000000
 A1 (Gain): 0.043235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709 Status: OK.
 Std Error of Est: 0.000570
 Predicted MDL: 0.017582
 Predicted MQL: 0.058605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2801	.280	14.0	.09819	.000	1
S0	.00000	-.00030	-.000	.000	-.00041	.001	1
S3	12.500	12.738	.238	1.90	.55062	.001	1
S4	25.000	25.110	.110	.442	1.0858	.005	1
S5	50.000	49.372	-.628	-1.26	2.1354	.009	1



Cr 267.716 {126}

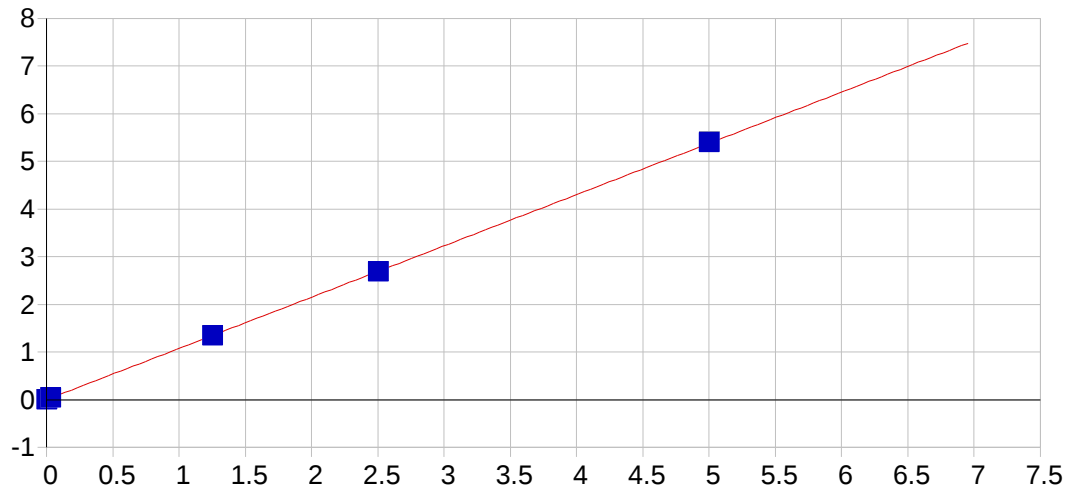
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000238 Re-Slope: 1.000000
 A1 (Gain): 0.200848 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000015
 Predicted MDL: 0.000449
 Predicted MQL: 0.001496

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.01000	.01006	.000	.603	.00179	.000	1
S3	.50000	.51065	.011	2.13	.10311	.000	1
S4	1.0000	1.0036	.004	.363	.20292	.000	1
S5	2.0000	1.9857	-.014	-.717	.40174	.001	1



Co 228.616 {447}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

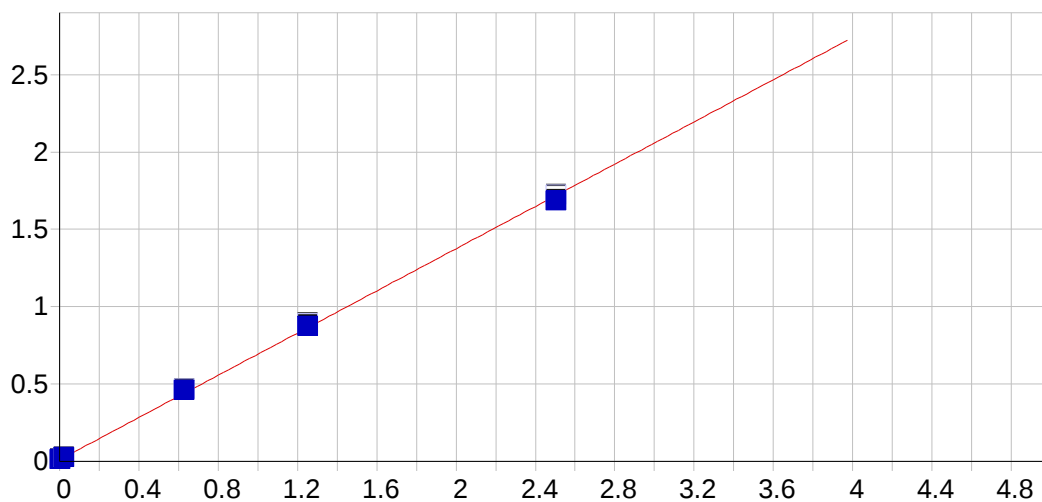
Weighting: 1/Conc

A0 (Offset): -0.000541
 A1 (Gain): 1.076100
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000105
 Predicted MDL: 0.000215
 Predicted MQL: 0.000718

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	-.00054	.000	1
S1	.03000	.02871	-.001	-4.30	.03013	.000	1
S3	1.2500	1.2432	-.007	-.547	1.3383	.003	1
S4	2.5000	2.4904	-.010	-.382	2.6815	.000	1
S5	5.0000	5.0177	.018	.353	5.4032	.009	1

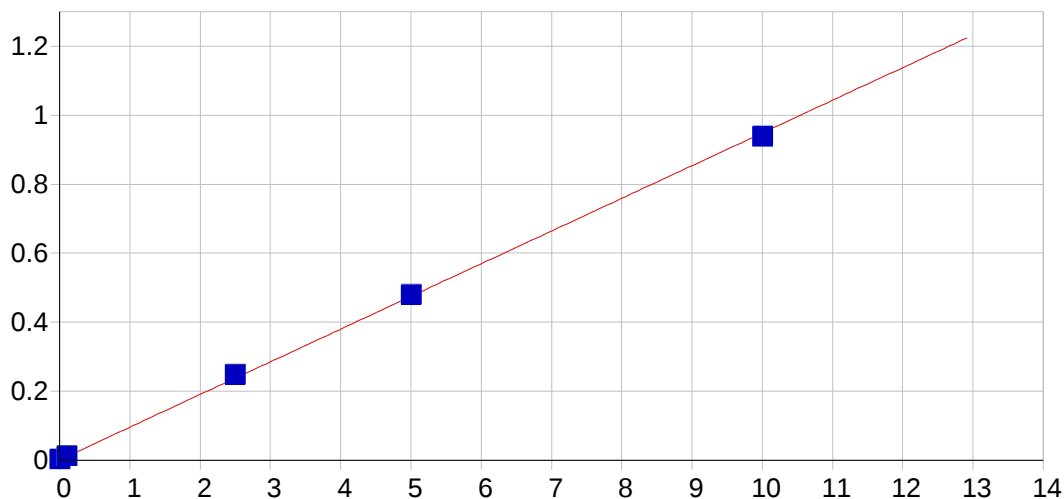


Cu 224.700 {450}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010553 Re-Slope: 1.000000
 A1 (Gain): 0.682372 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000201
 Predicted MDL: 0.000401
 Predicted MQL: 0.001338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01055	.000	1
S1	.02000	.02129	.001	6.43	.02536	.000	1
S3	.62500	.65602	.031	4.96	.46680	.002	1
S4	1.2500	1.2634	.013	1.07	.88985	.003	1
S5	2.5000	2.4543	-.046	-1.83	1.7197	.005	1



Fe 240.488 {140}

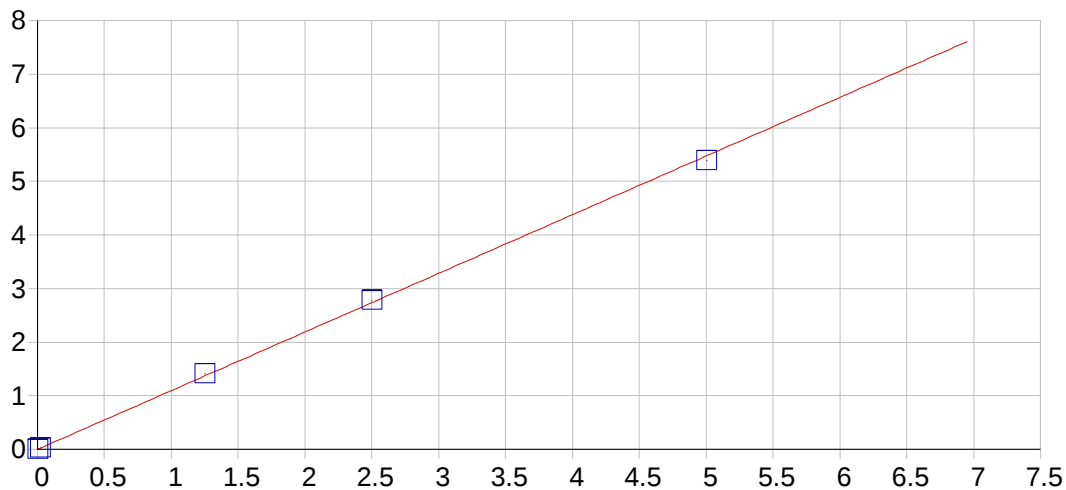
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001311 Re-Slope: 1.000000
 A1 (Gain): 0.094708 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000087
 Predicted MDL: 0.000715
 Predicted MQL: 0.002383

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00131	.000	1
S1	.10000	.10366	.004	3.66	.01118	.000	1
S3	2.5000	2.5888	.089	3.55	.24738	.001	1
S4	5.0000	5.0332	.033	.664	.47976	.001	1
S5	10.000	9.8743	-.126	-1.26	.94002	.001	1



Mn 257.610 {131}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

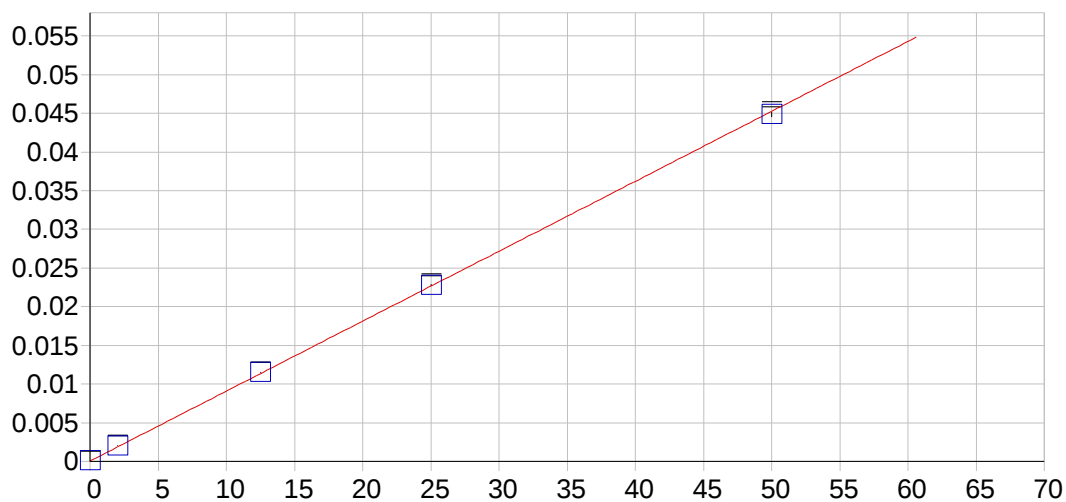
Weighting: 1/Conc

A0 (Offset): 0.000469
 A1 (Gain): 1.094323
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806
 Std Error of Est: 0.000369
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

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	.00047	.000	1
S1	.02000	.02186	.002	9.29	.02439	.000	1
S3	1.2500	1.2912	.041	3.30	1.4135	.001	1
S4	2.5000	2.5377	.038	1.51	2.7775	.005	1
S5	5.0000	4.9192	-.081	-1.62	5.3837	.003	1

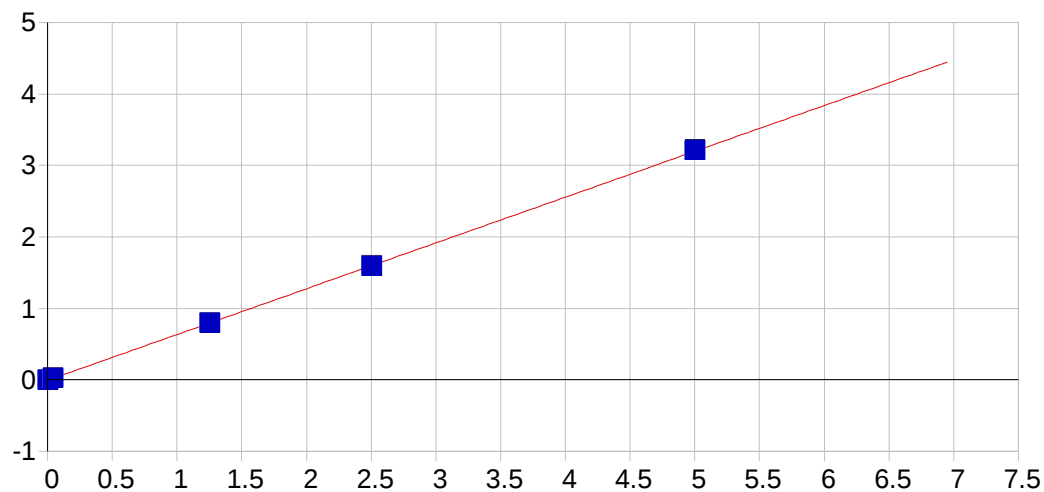


Mg 279.079 {121}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.000904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.040067
 Predicted MQL: 0.133556

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1821	.182	9.10	.00202	.000	1
S0	.00000	-.00020	-.000	.000	.00005	.000	1
S3	12.500	12.658	.158	1.26	.01149	.000	1
S4	25.000	25.121	.121	.483	.02276	.000	1
S5	50.000	49.539	-.461	-.922	.04483	.000	1



Ni 231.604 {445}

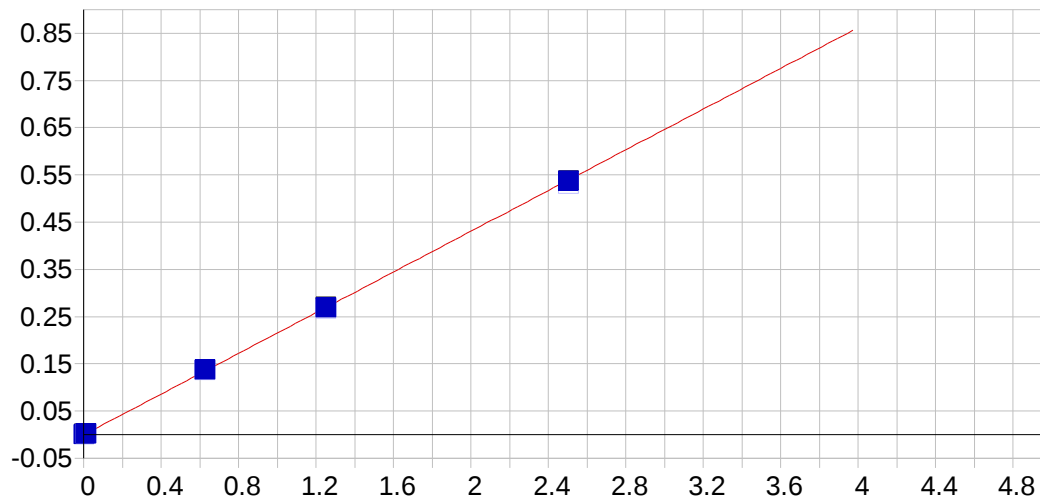
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006987 Re-Slope: 1.000000
 A1 (Gain): 0.640839 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000054
 Predicted MDL: 0.000385
 Predicted MQL: 0.001284

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00699	.000	1
S1	.04000	.03933	-.001	-1.68	.01823	.000	1
S3	1.2500	1.2455	-.005	-.361	.79204	.001	1
S4	2.5000	2.4906	-.009	-.374	1.5909	.004	1
S5	5.0000	5.0146	.015	.291	3.2100	.007	1



Ag 328.068 {103}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

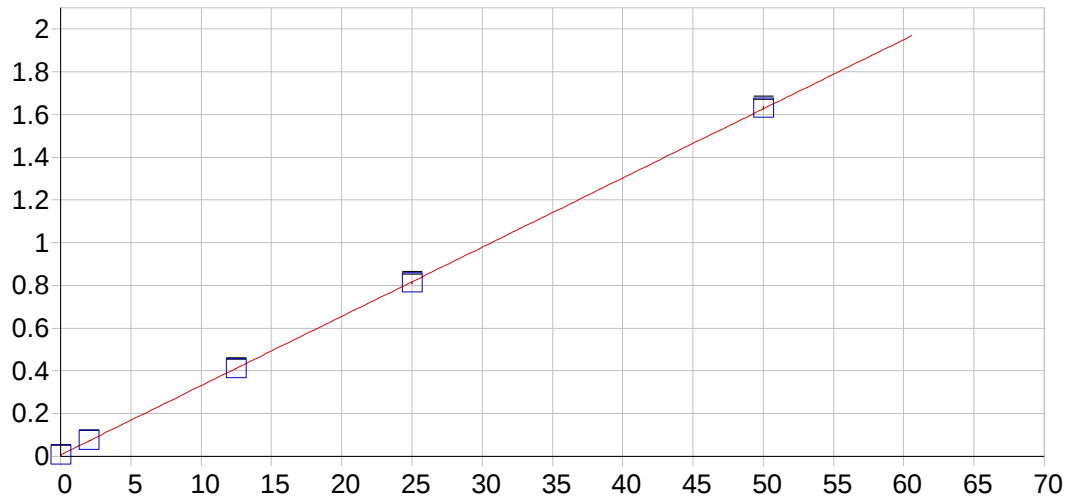
Weighting: 1/Conc

A0 (Offset): -0.000406
 A1 (Gain): 0.215603
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000014
 Predicted MDL: 0.000623
 Predicted MQL: 0.002076

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	-.00041	.000	1
S1	.01000	.01031	.000	3.09	.00177	.000	1
S3	.62500	.63588	.011	1.74	.13516	.000	1
S4	1.2500	1.2489	-.001	-.090	.26579	.000	1
S5	2.5000	2.4899	-.010	-.403	.53029	.001	1

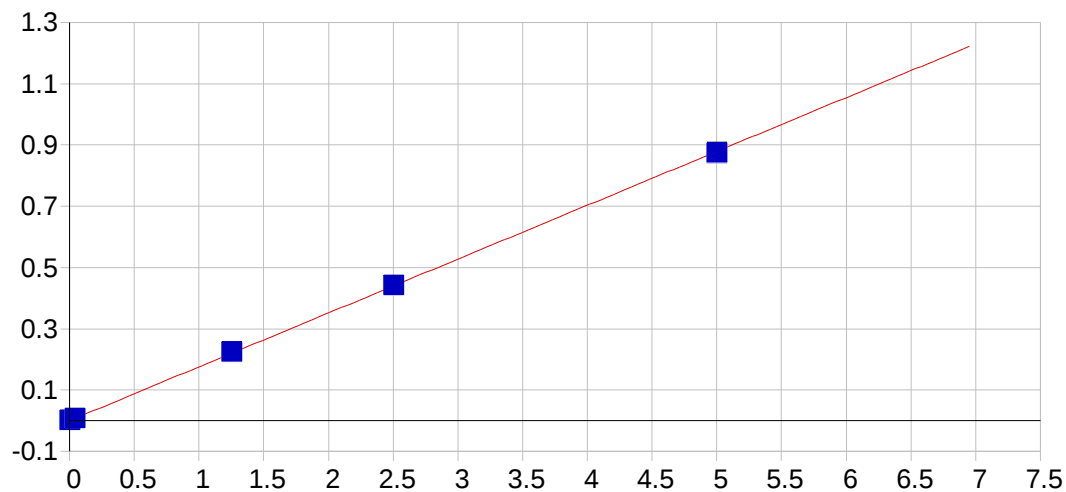


Na 589.592 { 57}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007384 Re-Slope: 1.000000
 A1 (Gain): 0.032389 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.008786
 Predicted MQL: 0.029286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0962	.096	4.81	.07528	.000	1
S0	.00000	-.00008	-.000	.000	.00738	.000	1
S3	12.500	12.479	-.021	-.167	.41158	.003	1
S4	25.000	24.827	-.173	-.693	.81151	.007	1
S5	50.000	50.098	.098	.196	1.6300	.007	1



V 292.402 {115}

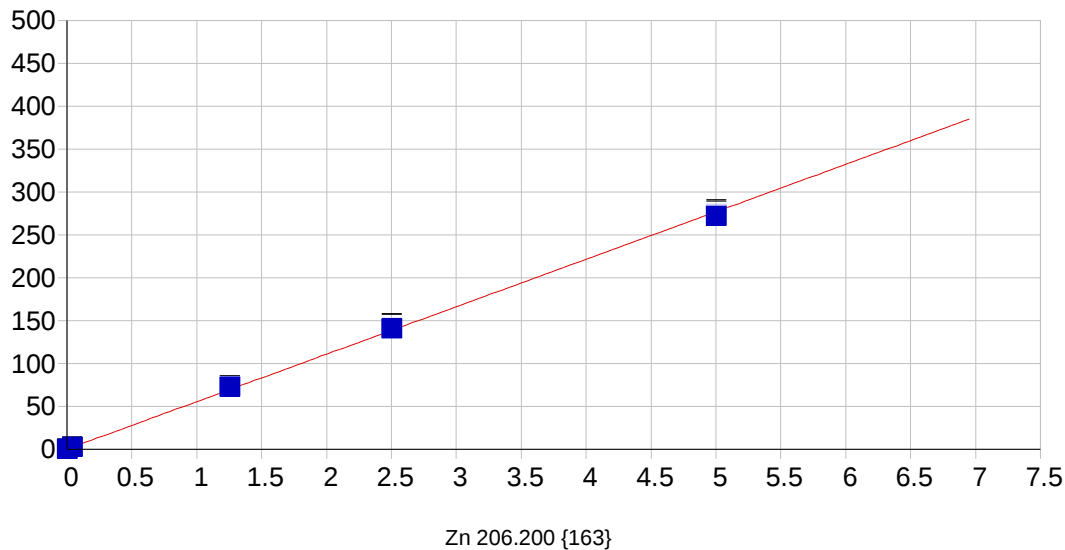
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.175818 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000030
 Predicted MDL: 0.000521
 Predicted MQL: 0.001738

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.04000	.04003	.000	.069	.00688	.000	1
S3	1.2500	1.2679	.018	1.44	.22145	.000	1
S4	2.5000	2.5092	.009	.368	.43825	.001	1
S5	5.0000	4.9728	-.027	-.544	.86852	.002	1



Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

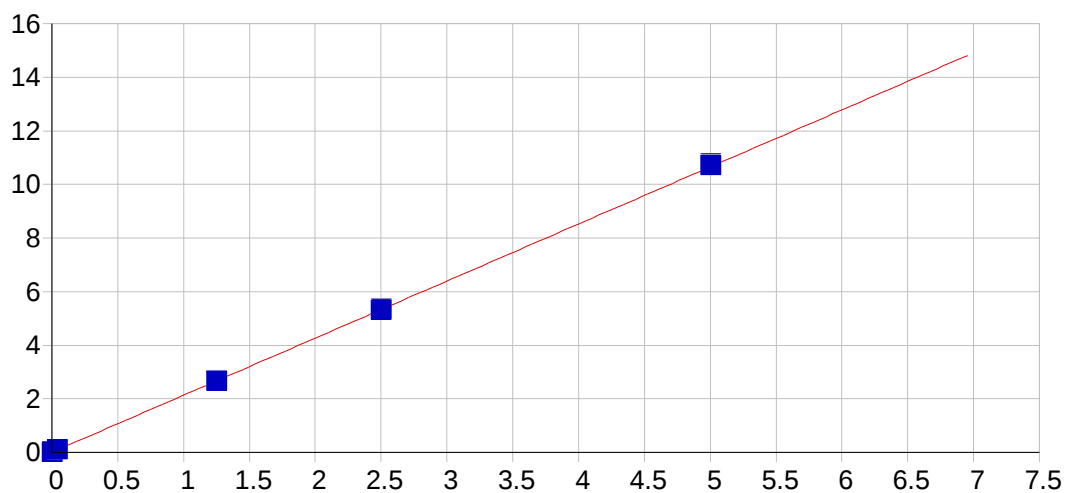
Weighting: 1/Conc

A0 (Offset): 0.196046
 A1 (Gain): 55.354696
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738
 Std Error of Est: 0.030864
 Predicted MDL: 0.000366
 Predicted MQL: 0.001219

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	.19582	.026	1
S1	.04000	.04249	.002	6.23	2.5627	.054	1
S3	1.2500	1.3059	.056	4.47	72.903	1.19	1
S4	2.5000	2.5315	.031	1.26	141.16	5.09	1
S5	5.0000	4.9101	-.090	-1.80	273.67	5.75	1

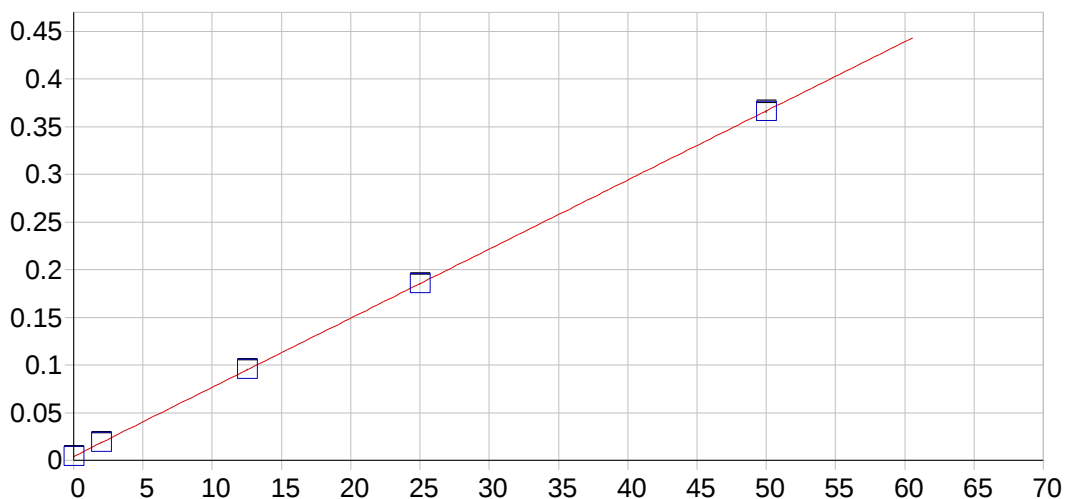


Zn 213.856 {458}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005043 Re-Slope: 1.000000
 A1 (Gain): 2.129150 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000289
 Predicted MDL: 0.000091
 Predicted MQL: 0.000304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00505	.000	1
S1	.04000	.03775	-.002	-5.64	.08600	.001	1
S3	1.2500	1.2416	-.008	-.670	2.6656	.005	1
S4	2.5000	2.4922	-.008	-.312	5.3453	.003	1
S5	5.0000	5.0184	.018	.369	10.758	.019	1



K 766.490 {44}

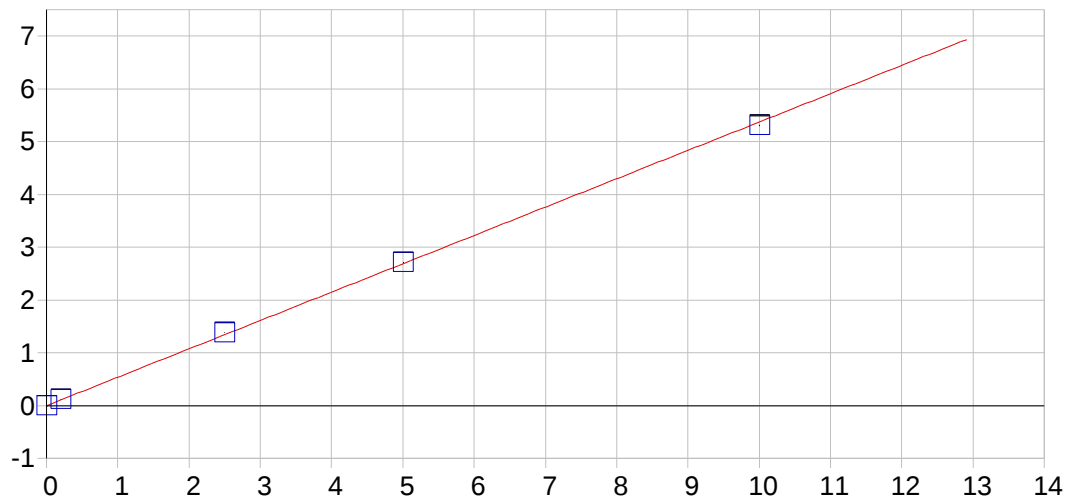
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004096 Re-Slope: 1.000000
 A1 (Gain): 0.007249 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000011
 Predicted MDL: 0.037067
 Predicted MQL: 0.123558

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0079	.008	.394	.01865	.000	1
S0	.00000	-.00002	-.000	.000	.00410	.000	1
S3	12.500	12.578	.078	.623	.09528	.001	1
S4	25.000	25.018	.018	.073	.18546	.001	1
S5	50.000	49.896	-.104	-.208	.36580	.001	1



Mo 202.030 {467}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

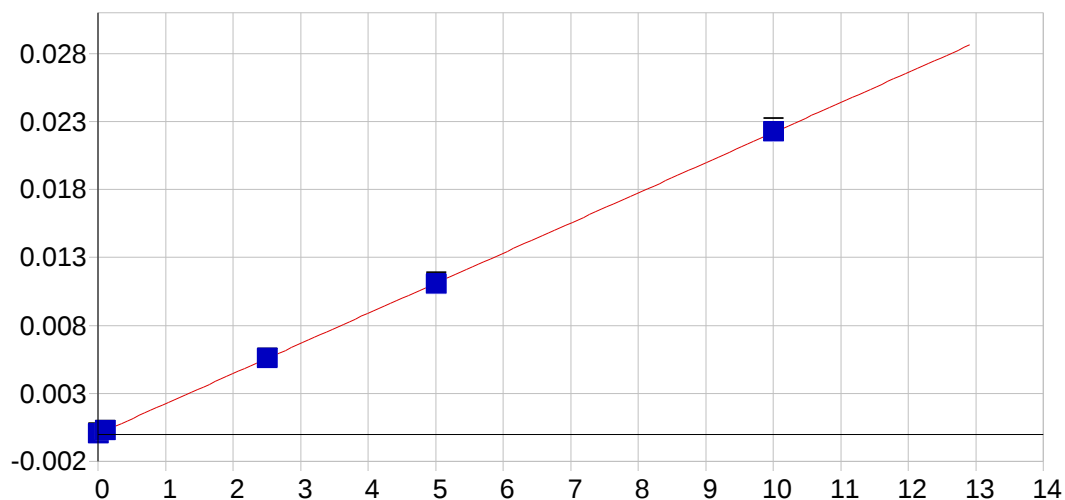
Weighting: 1/Conc

A0 (Offset): -0.000694
 A1 (Gain): 0.537172
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000615
 Predicted MDL: 0.000321
 Predicted MQL: 0.001070

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	-.00070	.000	1
S1	.20000	.20774	.008	3.87	.11090	.001	1
S3	2.5000	2.5685	.068	2.74	1.3790	.005	1
S4	5.0000	5.0423	.042	.846	2.7079	.003	1
S5	10.000	9.8815	-.119	-1.19	5.3074	.011	1

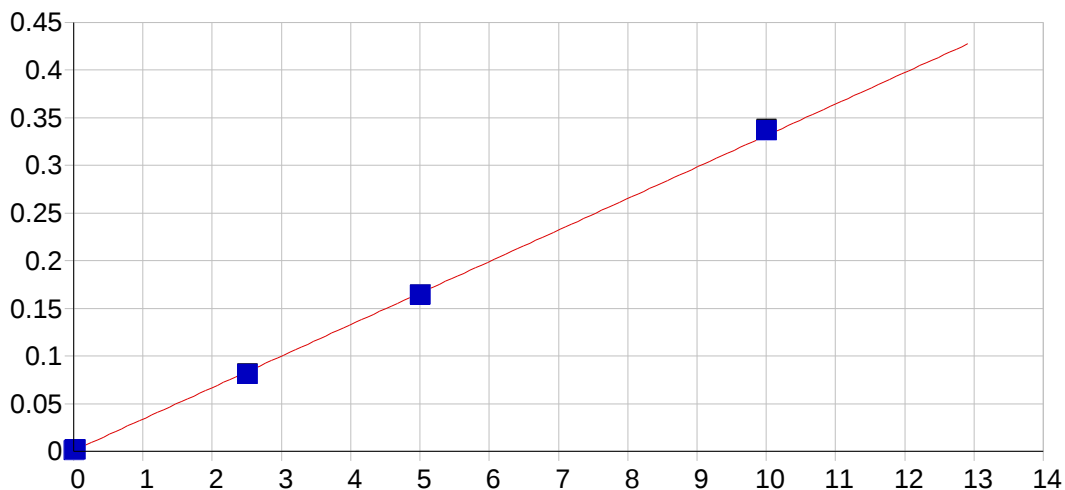


B 249.678 {135}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.002215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.012403
 Predicted MQL: 0.041344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.10000	.09834	-.002	-1.66	.00024	.000	1
S3	2.5000	2.4985	-.001	-.059	.00555	.000	1
S4	5.0000	4.9697	-.030	-.606	.01101	.000	1
S5	10.000	10.033	.033	.334	.02220	.000	1



S 182.034 {485}

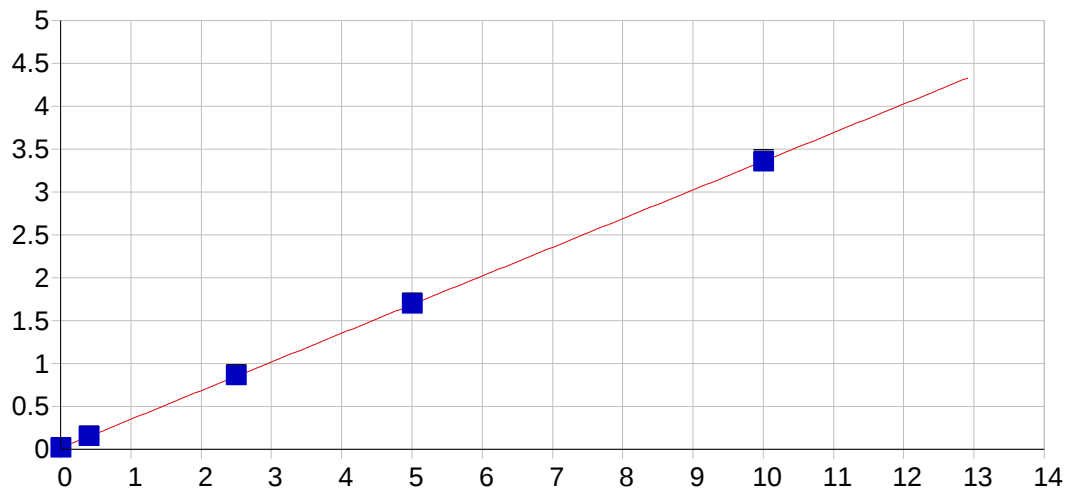
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000751 Re-Slope: 1.000000
 A1 (Gain): 0.033058 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.000015
 Predicted MDL: 0.003073
 Predicted MQL: 0.010244

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.02000	.01892	-.001	-5.41	.00136	.000	1
S3	2.5000	2.4171	-.083	-3.32	.08056	.000	1
S4	5.0000	4.9325	-.067	-1.35	.16363	.000	1
S5	10.000	10.151	.151	1.51	.33597	.001	1



Si 288.158 {117}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

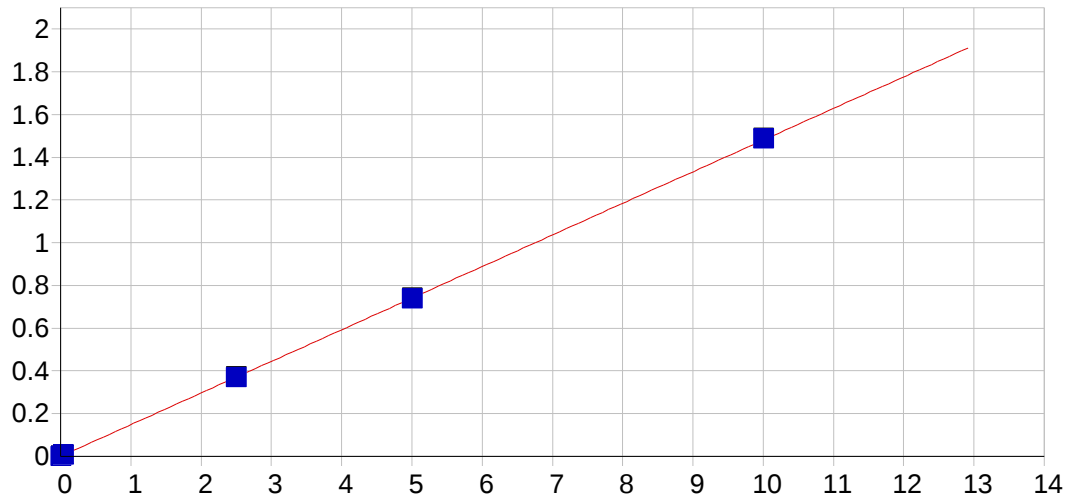
Weighting: 1/Conc

A0 (Offset): 0.015835
 A1 (Gain): 0.334194
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000186
 Predicted MDL: 0.002611
 Predicted MQL: 0.008705

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	.01584	.001	1
S1	.40000	.39103	-.009	-2.24	.14640	.000	1
S3	2.5000	2.5213	.021	.854	.85801	.006	1
S4	5.0000	5.0112	.011	.224	1.6896	.010	1
S5	10.000	9.9764	-.024	-.236	3.3481	.023	1

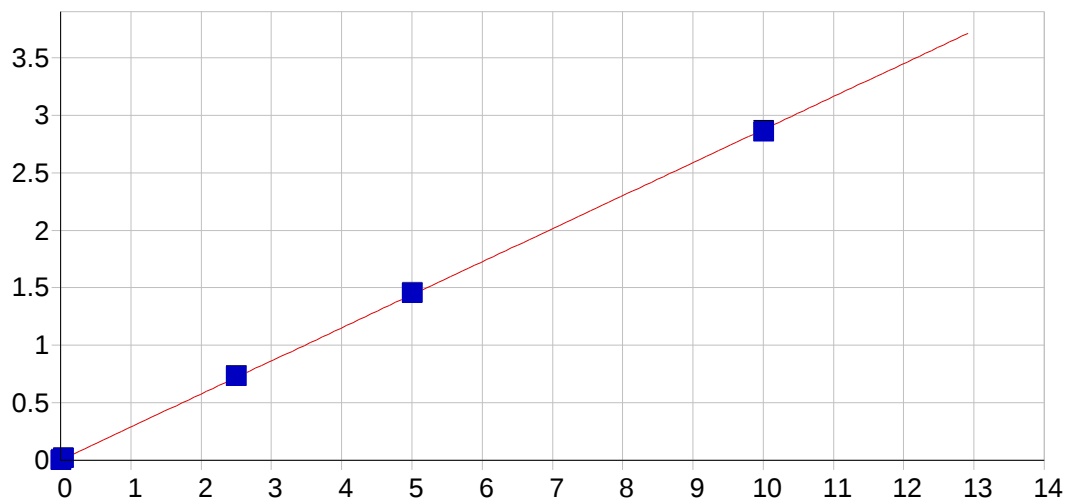


Sn 189.989 {477}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000639 Re-Slope: 1.000000
 A1 (Gain): 0.147992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000732
 Predicted MQL: 0.002441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.04000	.03681	-.003	-7.98	.00609	.000	1
S3	2.5000	2.4937	-.006	-.252	.36975	.001	1
S4	5.0000	4.9826	-.017	-.349	.73815	.001	1
S5	10.000	10.027	.027	.269	1.4848	.003	1



Ti 336.121 {100}

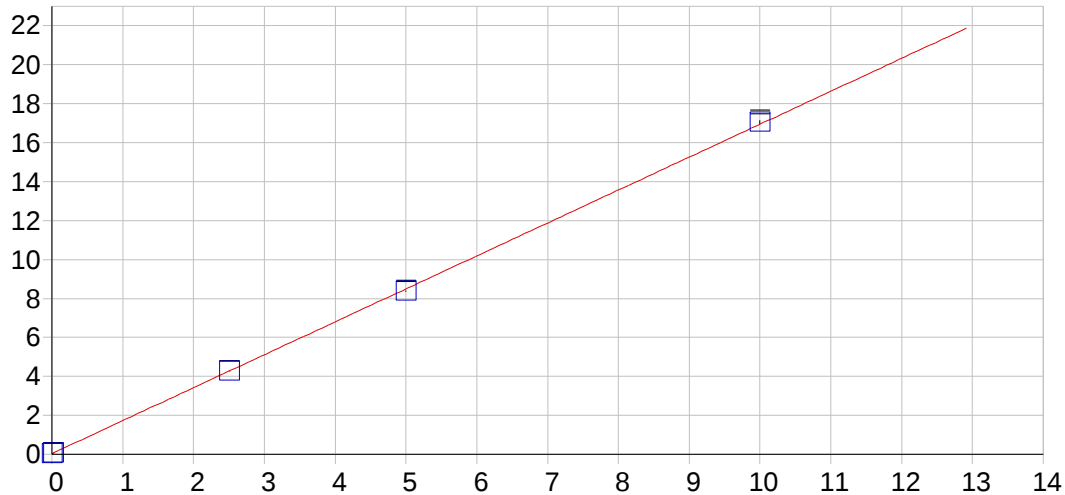
Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002653 Re-Slope: 1.000000
 A1 (Gain): 0.287194 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000090
 Predicted MDL: 0.001892
 Predicted MQL: 0.006305

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00265	.000	1
S1	.04000	.04157	.002	3.93	.01459	.000	1
S3	2.5000	2.5306	.031	1.22	.72933	.004	1
S4	5.0000	5.0466	.047	.931	1.4518	.003	1
S5	10.000	9.9213	-.079	-.787	2.8516	.012	1



Li 670.784 { 50}

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

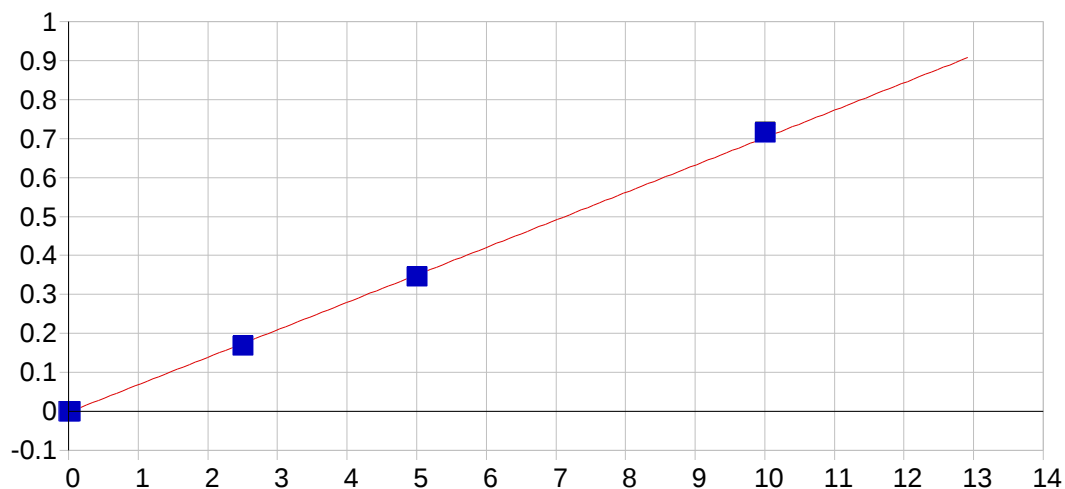
Weighting: 1/Conc

A0 (Offset): 0.037865
 A1 (Gain): 1.691025
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000369
 Predicted MDL: 0.001599
 Predicted MQL: 0.005328

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	.03787	.001	1
S1	.02000	.01879	-.001	-6.05	.06964	.001	1
S3	2.5000	2.5060	.006	.240	4.2756	.005	1
S4	5.0000	4.9315	-.068	-1.37	8.3772	.027	1
S5	10.000	10.064	.064	.637	17.056	.103	1



P 177.495 {490}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002079 Re-Slope: 1.000000
 A1 (Gain): 0.070425 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.001625
 Predicted MQL: 0.005418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00208	.000	1
S1	.02000	.01808	-.002	-9.59	-.00081	.000	1
S3	2.5000	2.4116	-.088	-3.53	.16751	.000	1
S4	5.0000	4.9264	-.074	-1.47	.34435	.000	1
S5	10.000	10.164	.164	1.64	.71270	.002	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

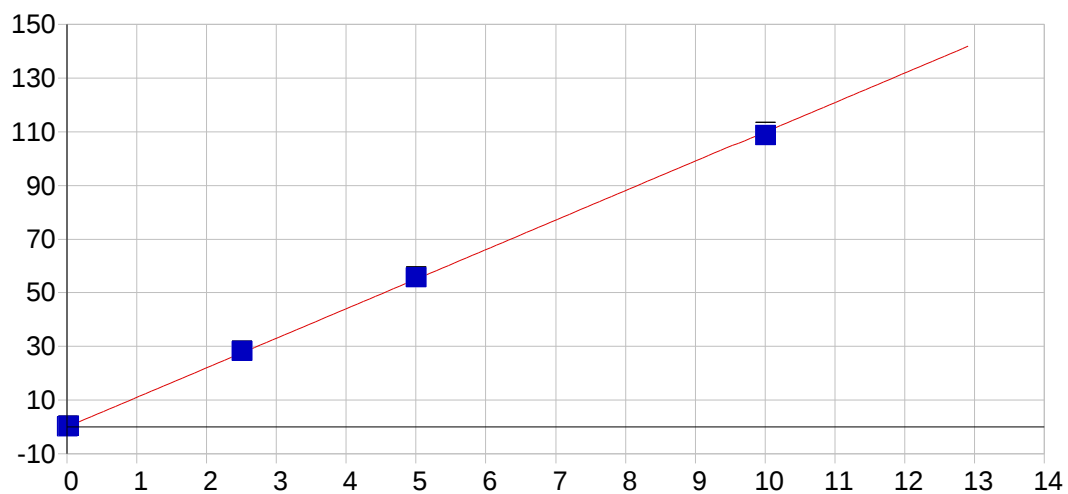
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 5/9/2019 14:25:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001033

Re-Slope: 1.000000

A1 (Gain): 10.994567

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999894

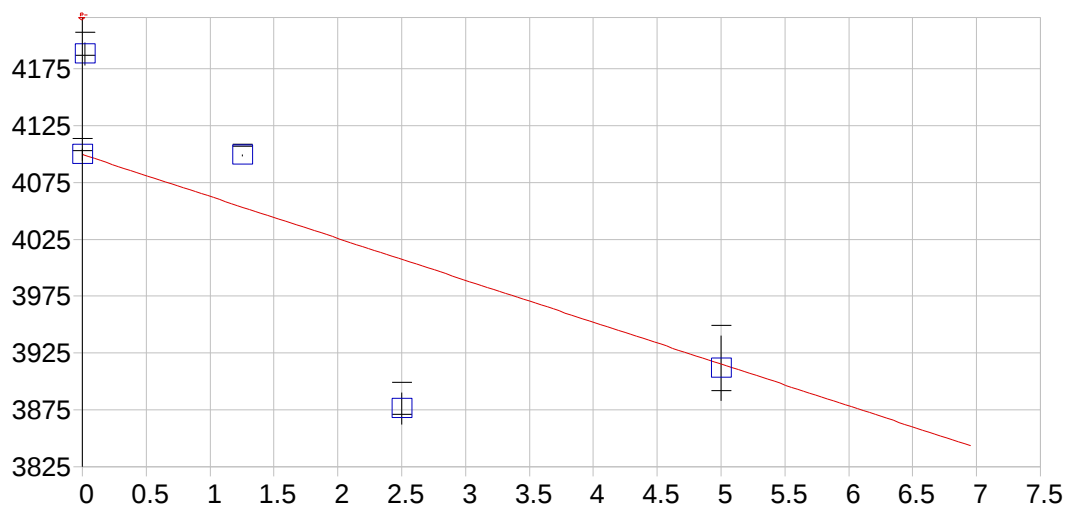
Status: OK.

Std Error of Est: 0.003864

Predicted MDL: 0.000098

Predicted MQL: 0.000327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00105	.001	1
S1	.02000	.02079	.001	3.96	.22878	.001	1
S3	2.5000	2.5619	.062	2.48	28.197	.050	1
S4	5.0000	5.0583	.058	1.17	55.673	.206	1
S5	10.000	9.8790	-.121	-1.21	108.74	.990	1

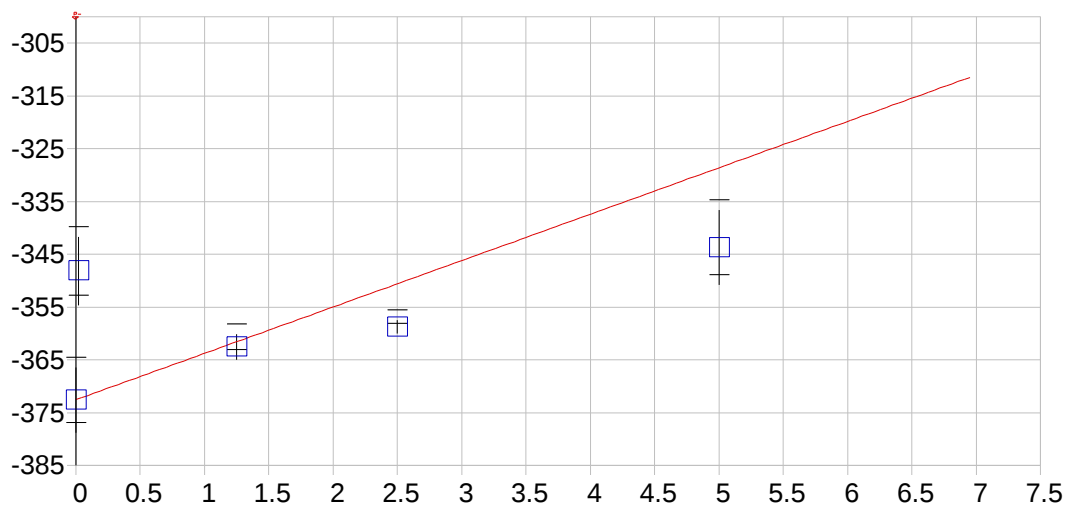


U 367.007 { 92 }

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4099.439041 Re-Slope: 1.000000
A1 (Gain): -36.810380 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.168190 Status: Warning Negative Gain
Std Error of Est: 3.686771
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00242	.002	.000	4099.4	5.39	1
S1	.02000	-2.4075	-2.43	-12100.	4188.1	10.1	1
S3	1.2500	.01204	-1.24	-99.0	4099.0	.839	1
S4	2.5000	6.0618	3.56	142.	3876.3	13.9	1
S5	5.0000	5.1037	.104	2.07	3911.6	28.7	1



U 385.958 { 87}

Date of Fit: 5/9/2019 14:25:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -372.559367 Re-Slope: 1.000000
 A1 (Gain): 8.786984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.150069 Status: OK.
 Std Error of Est: 0.989262
 Predicted MDL: 1.355875
 Predicted MQL: 4.519582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00274	-.003	.000	-372.58	6.18	1
S1	.02000	2.7743	2.75	13800.	-348.18	6.52	1
S3	1.2500	1.1429	-.107	-8.57	-362.52	2.43	1
S4	2.5000	1.5713	-.929	-37.1	-358.75	1.24	1
S5	5.0000	3.2815	-1.72	-34.4	-343.72	7.09	1

Sample Name: S0 Acquired: 5/9/2019 11:38:41 Type: Cal
Method: P4-ICP2(v3104) 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	.00029	-.00051	.00256	-.00007	.00013	.00126	-.00108	.00007
Stddev	.00003	.00014	.00011	.00010	.00007	.00008	.00020	.00003
%RSD	11.122	28.095	4.2611	154.42	57.044	6.0714	18.617	47.665

#1	.00033	-.00037	.00267	-.00017	.00008	.00130	-.00121	.00004
#2	.00027	-.00066	.00256	.00003	.00009	.00117	-.00119	.00010
#3	.00027	-.00051	.00245	-.00005	.00021	.00131	-.00085	.00006

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	-.00403	-.00041	-.00024	-.00054	.01055	.00131	.00047	.00005
Stddev	.00019	.00100	.00004	.00016	.00006	.00006	.00007	.00001
%RSD	4.7573	245.56	17.471	30.023	.53514	4.5704	14.323	26.336

#1	-.00422	-.00007	-.00023	-.00049	.01052	.00125	.00045	.00004
#2	-.00384	-.00153	-.00028	-.00072	.01052	.00137	.00041	.00004
#3	-.00402	.00038	-.00020	-.00040	.01062	.00131	.00054	.00006

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	-.00699	-.00041	.00738	-.00005	.00505	.00410	-.00070	.00002
Stddev	.00004	.00005	.00007	.00008	.00023	.00040	.00003	.00004
%RSD	.62986	11.348	.91284	171.70	4.4804	9.7869	4.2442	169.38

#1	-.00694	-.00036	.00737	-.00004	.00531	.00432	-.00070	-.00002
#2	-.00702	-.00040	.00732	.00003	.00489	.00434	-.00073	.00003
#3	-.00700	-.00046	.00745	-.00012	.00495	.00363	-.00067	.00006

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	.00075	.01584	.00064	.00265	.03787	-.0021	-.00105	4099.4
Stddev	.00011	.00077	.00010	.00045	.00097	.0001	.00080	5.4
%RSD	14.881	4.8470	16.365	17.131	2.5719	2.724	76.694	.13149

#1	.00087	.01566	.00063	.00259	.03847	-.0020	-.00168	4102.8
#2	.00074	.01517	.00075	.00314	.03674	-.0021	-.00132	4093.1
#3	.00064	.01668	.00054	.00224	.03838	-.0021	-.00014	4102.1

Sample Name: S0 Acquired: 5/9/2019 11:38:41 Type: Cal
 Method: P4-ICP2(v3104) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-372.58
Stddev	6.18
%RSD	1.6579

#1	-376.32
#2	-365.45
#3	-375.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3911.1	47780.	4992.9	75.044	4561.4
Stddev	4.9	131.	60.5	.778	5.4
%RSD	.12496	.27433	1.2125	1.0367	.11740

#1	3909.2	47703.	4928.0	75.675	4561.7
#2	3907.4	47706.	5002.9	75.283	4555.9
#3	3916.6	47931.	5047.8	74.175	4566.6

Sample Name: S1 Acquired: 5/9/2019 11:43:08 Type: Cal
Method: P4-ICP2(v3104) 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	.00124	.00418	.00534	.00100	.00630	.00217	.04948	.00619
Stddev	.00013	.00012	.00014	.00004	.00022	.00008	.00035	.00008
%RSD	10.734	2.7784	2.7071	4.2743	3.4784	3.8460	.70435	1.3355
#1	.00120	.00423	.00533	.00101	.00655	.00215	.04921	.00611
#2	.00139	.00404	.00549	.00103	.00612	.00210	.04987	.00620
#3	.00113	.00425	.00520	.00095	.00623	.00226	.04936	.00627
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	.01516	.00179	.03013	.02536	.01118	.02439	.01823	.00177
Stddev	.00018	.00005	.00043	.00022	.00010	.00008	.00023	.00007
%RSD	1.2009	2.6152	1.4373	.85370	.88759	.32071	1.2358	3.7600
#1	.01532	.00184	.03063	.02559	.01108	.02437	.01840	.00183
#2	.01496	.00174	.02985	.02533	.01117	.02432	.01797	.00179
#3	.01521	.00180	.02992	.02515	.01128	.02447	.01832	.00170
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	.00688	.08600	.11090	.00024	.00136	.14640	.00609	.01459
Stddev	.00004	.00092	.00092	.00000	.00004	.00016	.00004	.00034
%RSD	.63496	1.0720	.82770	.68031	3.0392	.10893	.64110	2.3300
#1	.00686	.08704	.11196	.00024	.00135	.14649	.00608	.01474
#2	.00693	.08528	.11032	.00024	.00132	.14622	.00613	.01420
#3	.00686	.08569	.11042	.00024	.00140	.14650	.00605	.01482
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.06964	-.0008	.22878	4188.1	-348.18			
Stddev	.00051	.0001	.00095	10.1	6.52			
%RSD	.73410	11.71	.41349	.24225	1.8722			
#1	.07017	-.0007	.22948	4183.8	-347.18			
#2	.06960	-.0009	.22915	4180.7	-355.14			
#3	.06915	-.0008	.22770	4199.6	-342.22			

Sample Name: S1 Acquired: 5/9/2019 11:43:08 Type: Cal
Method: P4-ICP2(v3104) 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	3937.9	48275.	5059.6	74.539	4543.0
Stddev	2.6	96.	24.1	1.677	4.5
%RSD	.06590	.19900	.47599	2.2498	.09982
#1	3940.5	48226.	5032.9	72.817	4538.2
#2	3935.4	48213.	5079.8	76.167	4543.4
#3	3937.8	48385.	5066.0	74.633	4547.2

Sample Name: S2 Acquired: 5/9/2019 11:47:35 Type: Cal
 Method: P4-ICP2(v3104) 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	.09819	.00202	.07528	.01865
Stddev	.00027	.00003	.00040	.00049
%RSD	.27690	1.5373	.53234	2.6323

#1	.09802	.00205	.07546	.01809
#2	.09804	.00203	.07556	.01898
#3	.09850	.00199	.07482	.01889

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	48528.	5136.9
Stddev	73.	27.6
%RSD	.15026	.53690

#1	48468.	5135.0
#2	48609.	5165.4
#3	48507.	5110.3

Sample Name: S3 Acquired: 5/9/2019 11:51:48 Type: Cal
Method: P4-ICP2(v3104) 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	.12373	.29131	.65010	.14233	.30803	.04766	2.5452	.12550
Stddev	.00069	.00060	.00120	.00066	.00062	.00037	.0158	.00016
%RSD	.55722	.20503	.18535	.46450	.20252	.78589	.61984	.13110

#1	.12426	.29191	.65003	.14291	.30859	.04725	2.5284	.12563
#2	.12295	.29130	.64893	.14161	.30736	.04773	2.5474	.12556
#3	.12398	.29071	.65134	.14247	.30813	.04799	2.5597	.12532

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9896	.55062	.10311	1.3383	.46680	.24738	1.4135	.01149
Stddev	.0021	.00129	.00018	.0026	.00159	.00051	.0008	.00002
%RSD	.05365	.23410	.17921	.19056	.34091	.20696	.05603	.16976

#1	3.9912	.54968	.10333	1.3399	.46767	.24752	1.4137	.01148
#2	3.9872	.55209	.10304	1.3353	.46497	.24780	1.4126	.01151
#3	3.9903	.55009	.10298	1.3396	.46778	.24681	1.4141	.01148

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	.79204	.13516	.41158	.22145	2.6656	.09528	1.3790	.00555
Stddev	.00084	.00004	.00310	.00016	.0045	.00078	.0053	.00001
%RSD	.10581	.03104	.75393	.07400	.16889	.81426	.38276	.14006

#1	.79291	.13520	.40869	.22129	2.6704	.09438	1.3791	.00555
#2	.79197	.13512	.41118	.22144	2.6615	.09573	1.3737	.00555
#3	.79124	.13515	.41486	.22162	2.6649	.09572	1.3842	.00554

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	.08056	.85801	.36975	.72933	4.2756	.1675	28.197	4099.0
Stddev	.00032	.00573	.00081	.00358	.0055	.0002	.050	.8
%RSD	.39651	.66786	.22010	.49132	.12764	.1172	.17700	.02047

#1	.08020	.86442	.36883	.73253	4.2699	.1675	28.223	4099.6
#2	.08071	.85340	.37037	.73000	4.2761	.1677	28.139	4099.4
#3	.08078	.85620	.37006	.72546	4.2807	.1673	28.228	4098.0

Sample Name: S3 Acquired: 5/9/2019 11:51:48 Type: Cal
 Method: P4-ICP2(v3104) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-362.52
Stddev	2.43
%RSD	.66939

#1	-364.99
#2	-360.13
#3	-362.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.4	46817.	5092.8	72.082	4225.9
Stddev	12.8	163.	35.4	1.387	5.2
%RSD	.33377	.34747	.69418	1.9237	.12305

#1	3833.5	46766.	5053.5	70.894	4221.1
#2	3857.1	46999.	5122.0	73.606	4231.4
#3	3836.5	46686.	5103.0	71.747	4225.0

Sample Name: S4 Acquired: 5/9/2019 11:55:49 Type: Cal
 Method: P4-ICP2(v3104) 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	.24570	.58088	1.2867	.28142	.60818	.09266	5.0583	.24779
Stddev	.00049	.00086	.0018	.00041	.00197	.00048	.0346	.00072
%RSD	.19761	.14722	.13919	.14472	.32362	.51773	.68412	.28952
#1	.24529	.58125	1.2887	.28178	.60705	.09234	5.0192	.24814
#2	.24556	.58149	1.2854	.28098	.60705	.09321	5.0705	.24696
#3	.24623	.57990	1.2860	.28151	.61046	.09243	5.0852	.24826
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0521	1.0858	.20292	2.6815	.88985	.47976	2.7775	.02276
Stddev	.0119	.0055	.00018	.0004	.00331	.00072	.0051	.00013
%RSD	.14811	.50274	.08626	.01399	.37183	.15006	.18413	.56169
#1	8.0537	1.0795	.20277	2.6817	.88721	.47936	2.7795	.02264
#2	8.0631	1.0893	.20288	2.6818	.88877	.48059	2.7814	.02290
#3	8.0395	1.0887	.20311	2.6811	.89356	.47933	2.7717	.02274
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	1.5909	.26579	.81151	.43825	5.3453	.18546	2.7079	.01101
Stddev	.0042	.00037	.00651	.00104	.0027	.00083	.0031	.00015
%RSD	.26288	.13979	.80216	.23697	.05101	.44741	.11357	1.3545
#1	1.5913	.26621	.80442	.43714	5.3468	.18450	2.7066	.01084
#2	1.5948	.26553	.81289	.43920	5.3468	.18594	2.7057	.01111
#3	1.5865	.26562	.81722	.43839	5.3421	.18594	2.7114	.01108
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	.16363	1.6896	.73815	1.4518	8.3772	.3444	55.673	3876.3
Stddev	.00039	.0099	.00087	.0030	.0266	.0005	.206	13.9
%RSD	.23594	.58476	.11736	.20822	.31729	.1347	.37000	.35953
#1	.16394	1.6977	.73883	1.4517	8.3842	.3442	55.577	3892.4
#2	.16374	1.6786	.73844	1.4549	8.3478	.3449	55.532	3868.1
#3	.16320	1.6926	.73717	1.4488	8.3995	.3440	55.909	3868.4

Sample Name: S4 Acquired: 5/9/2019 11:55:49 Type: Cal
 Method: P4-ICP2(v3104) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-358.75
Stddev	1.24
%RSD	.34606

#1	-360.16
#2	-358.28
#3	-357.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3783.8	46140.	5030.1	71.273	4045.2
Stddev	6.5	91.	24.2	2.571	1.3
%RSD	.17166	.19802	.48085	3.6065	.03244

#1	3785.7	46213.	5017.8	68.308	4043.8
#2	3789.1	46169.	5057.9	72.624	4045.4
#3	3776.6	46037.	5014.5	72.885	4046.4

Sample Name: S5 Acquired: 5/9/2019 11:59:48 Type: Cal
Method: P4-ICP2(v3104) 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	.48681	1.1505	2.5674	.55680	1.2027	.18548	10.098	.48660
Stddev	.00127	.0047	.0037	.00041	.0025	.00084	.058	.00057
%RSD	.26093	.41089	.14235	.07437	.20892	.45370	.57586	.11679
#1	.48642	1.1460	2.5674	.55656	1.2043	.18535	10.035	.48634
#2	.48823	1.1554	2.5710	.55728	1.2038	.18638	10.109	.48622
#3	.48578	1.1500	2.5637	.55656	1.1998	.18471	10.149	.48726
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.216	2.1354	.40174	5.4032	1.7197	.94002	5.3837	.04483
Stddev	.021	.0089	.00115	.0089	.0047	.00093	.0029	.00034
%RSD	.13197	.41642	.28584	.16464	.27639	.09928	.05458	.76751
#1	16.214	2.1354	.40088	5.4014	1.7231	.94098	5.3805	.04452
#2	16.238	2.1264	.40304	5.4128	1.7217	.93997	5.3842	.04520
#3	16.195	2.1442	.40130	5.3953	1.7143	.93912	5.3863	.04477
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2100	.53029	1.6300	.86852	10.758	.36580	5.3074	.02220
Stddev	.0071	.00099	.0072	.00182	.019	.00122	.0113	.00026
%RSD	.22148	.18633	.44404	.20967	.17603	.33348	.21218	1.1743
#1	3.2116	.53068	1.6251	.86642	10.755	.36444	5.3098	.02210
#2	3.2162	.53103	1.6383	.86964	10.778	.36678	5.3172	.02249
#3	3.2023	.52917	1.6267	.86950	10.741	.36619	5.2951	.02200
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	.33597	3.3481	1.4848	2.8516	17.056	.7127	108.74	3911.6
Stddev	.00120	.0226	.0026	.0119	.103	.0024	.99	28.7
%RSD	.35720	.67396	.17461	.41628	.60367	.3423	.91060	.73297
#1	.33601	3.3676	1.4847	2.8586	17.161	.7104	109.28	3923.2
#2	.33715	3.3234	1.4875	2.8379	16.955	.7153	107.59	3932.6
#3	.33475	3.3533	1.4823	2.8583	17.052	.7124	109.34	3878.9

Sample Name: S5 Acquired: 5/9/2019 11:59:48 Type: Cal
Method: P4-ICP2(v3104) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-343.72
Stddev	7.09
%RSD	2.0616

#1	-349.84
#2	-345.37
#3	-335.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3705.0	44948.	4930.7	68.746	3824.1
Stddev	6.6	140.	22.4	1.215	6.8
%RSD	.17741	.31141	.45401	1.7673	.17840

#1	3706.1	44994.	4916.1	67.520	3826.2
#2	3697.9	44791.	4956.5	69.950	3816.4
#3	3710.9	45059.	4919.6	68.766	3829.6

Sample Name: ICV01 Acquired: 5/9/2019 12:04:03 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0049	1.0350	.99920	1.0146	.98933	2.4996	.48408
Stddev	.0078	.0030	.00485	.0069	.00215	.0177	.00402
%RSD	.78145	.28850	.48493	.68323	.21736	.70739	.82966

#1	1.0131	1.0364	1.0045	1.0226	.99069	2.4795	.48113
#2	.99754	1.0369	.99501	1.0112	.99045	2.5127	.48866
#3	1.0039	1.0315	.99809	1.0100	.98685	2.5066	.48246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49114	.48265	10.289	.50795	.49267	.52017	5.1461
Stddev	.00088	.00039	.066	.00115	.00053	.00215	.0046
%RSD	.17954	.07984	.64154	.22729	.10809	.41402	.08854

#1	.49056	.48301	10.365	.50924	.49322	.52147	5.1514
#2	.49071	.48224	10.246	.50703	.49264	.51769	5.1435
#3	.49216	.48269	10.256	.50757	.49215	.52136	5.1436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50913	5.8701	.49693	.50910	9.7744	.49528	.95556
Stddev	.00055	.0046	.00061	.00220	.0779	.00081	.00056
%RSD	.10822	.07821	.12359	.43281	.79698	.16371	.05817

#1	.50966	5.8651	.49715	.51097	9.7060	.49583	.95523
#2	.50856	5.8712	.49623	.50667	9.8592	.49435	.95621
#3	.50917	5.8741	.49740	.50965	9.7580	.49566	.95525

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8104	2.4972	2.4543	F .00874	2.4519	2.3905	2.5046
Stddev	.1090	.0066	.0138	.00123	.0210	.0064	.0141
%RSD	1.1110	.26221	.56359	14.055	.85776	.26680	.56224

#1	9.6858	2.5040	2.4389	.00739	2.4752	2.3978	2.5199
#2	9.8570	2.4910	2.4657	.00902	2.4460	2.3860	2.4923
#3	9.8883	2.4965	2.4582	.00980	2.4344	2.3877	2.5015

Sample Name: ICV01 Acquired: 5/9/2019 12:04:03 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00308	F .0011	F .00619	F<.00000	F 2.4891
Stddev	.00058	.0012	.00009	.80228	.9960
%RSD	18.941	107.9	1.4787	684.71	40.016
#1	.00374	.0015	.00625	-.20965	3.6169
#2	.00263	.0020	.00609	-.86921	2.1202
#3	.00287	-.0002	.00625	.72734	1.7301
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3883.5	47007.	4967.5	70.978	4347.8
Stddev	2.6	123.	46.5	2.246	8.2
%RSD	.06779	.26172	.93514	3.1640	.18929
#1	3886.3	46981.	4915.6	68.394	4355.5
#2	3881.1	46899.	4981.8	72.079	4339.1
#3	3883.1	47141.	5005.2	72.461	4348.8

Sample Name: LLICV01 Acquired: 5/9/2019 12:08:08 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02082	.04155	.01208	.01855	.05379	.10213	.09998
Stddev	.00241	.00059	.00075	.00306	.00174	.00241	.00069
%RSD	11.581	1.4080	6.2312	16.506	3.2260	2.3614	.69102

#1	.02186	.04210	.01239	.02204	.05266	.10215	.10076
#2	.02253	.04094	.01122	.01734	.05292	.09971	.09947
#3	.01806	.04161	.01262	.01628	.05579	.10453	.09970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	.00605	2.1230	.01031	.02887	.02125	.10990
Stddev	.00008	.00004	.0051	.00045	.00003	.00022	.00141
%RSD	1.1939	.72165	.23875	4.3843	.11932	1.0514	1.2806

#1	.00641	.00608	2.1287	.01066	.02888	.02130	.11105
#2	.00651	.00600	2.1214	.00980	.02883	.02144	.11031
#3	.00636	.00608	2.1189	.01047	.02890	.02100	.10833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02233	1.9695	.03932	.01029	1.9304	.04066	.04042
Stddev	.00003	.0255	.00040	.00048	.0205	.00019	.00017
%RSD	.14185	1.2949	1.0079	4.6341	1.0627	.46182	.42194

#1	.02235	1.9760	.03893	.01084	1.9328	.04075	.04023
#2	.02236	1.9413	.03930	.01001	1.9088	.04078	.04056
#3	.02230	1.9910	.03972	.01002	1.9496	.04044	.04047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9172	.20920	F .12092	F .02478	F .51988	.03995	.04131
Stddev	.0266	.00048	.00680	.00222	.00363	.00167	.00142
%RSD	1.3861	.22916	5.6249	8.9617	.69810	4.1880	3.4315

#1	1.9174	.20916	.11374	.02717	.52058	.04188	.04076
#2	1.8906	.20874	.12173	.02279	.52312	.03900	.04292
#3	1.9438	.20970	.12727	.02437	.51596	.03897	.04025

Sample Name: LLICV01 Acquired: 5/9/2019 12:08:08 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02026	.0183	.02086	F<.00000	F 2.0655
Stddev	.00112	.0004	.00009	.49094	1.1934
%RSD	5.5488	2.297	.41174	30.252	57.779
#1	.02110	.0185	.02077	-2.1440	.84973
#2	.02069	.0187	.02085	-1.5552	2.1116
#3	.01898	.0179	.02095	-1.1692	3.2353
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3969.9	48259.	5055.7	76.322	4577.7
Stddev	6.2	152.	31.9	1.097	.8
%RSD	.15648	.31464	.63048	1.4370	.01825
#1	3962.8	48084.	5065.2	77.242	4577.3
#2	3974.2	48343.	5020.1	75.108	4577.1
#3	3972.7	48350.	5081.7	76.617	4578.6

Sample Name: ICB01 Acquired: 5/9/2019 12:12:32 Type: Unk
Method: P4-ICP2(v3104) 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	-.00143	.00091	-.00006	.00210	.00146	-.00946	.00005	.00001
Stddev	.00301	.00085	.00067	.00240	.00080	.00637	.00027	.00003
%RSD	210.11	93.385	1090.6	114.45	54.450	67.286	506.86	222.34
#1	.00118	.00017	-.00037	.00212	.00232	-.00356	-.00026	-.00001
#2	-.00075	.00183	.00070	-.00031	.00132	-.00862	.00024	.00005
#3	-.00473	.00072	-.00052	.00449	.00075	-.01620	.00018	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00117	.00019	.00015	-.00052	-.00116	-.00003	-.03927
Stddev	.00009	.00714	.00025	.00005	.00025	.00028	.00003	.04103
%RSD	73.809	608.43	127.83	33.190	48.291	24.010	134.13	104.47
#1	.00022	-.00674	.00036	.00020	-.00030	-.00122	-.00006	.00275
#2	.00004	.00314	.00032	.00012	-.00079	-.00086	-.00003	-.04134
#3	.00012	.00712	-.00009	.00012	-.00047	-.00141	.00001	-.07923
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00004	-.10928	.00030	-.00082	-.11199	.00042	.01079
Stddev	.00033	.00050	.01048	.00004	.00005	.00996	.00023	.00472
%RSD	95.226	1178.3	9.5909	14.976	6.3155	8.8931	53.223	43.719
#1	-.00032	.00036	-.11758	.00034	-.00080	-.12056	.00033	.00535
#2	-.00070	-.00053	-.09750	.00025	-.00078	-.11435	.00068	.01370
#3	-.00004	.00030	-.11277	.00031	-.00088	-.10107	.00026	.01331
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	.00272	.00120	.00124	-.00113	.0007	-.00002	F 1.5798
Stddev	.00417	.00164	.00015	.00092	.00137	.0007	.00012	.7174
%RSD	191.36	60.175	12.884	74.182	121.03	94.47	638.00	45.408
#1	-.00010	.00461	.00119	.00115	-.00144	.0010	-.00013	2.3586
#2	-.00036	.00182	.00136	.00221	-.00232	-.0000	-.00004	.94594
#3	.00699	.00173	.00105	.00037	.00037	.0012	.00011	1.4350

Sample Name: ICB01 Acquired: 5/9/2019 12:12:32 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7842
Stddev	.9569
%RSD	34.369

#1	1.9699
#2	2.5446
#3	3.8382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3972.0	48671.	5107.2	74.833	4595.7
Stddev	4.3	161.	27.9	.847	5.3
%RSD	.10858	.33177	.54547	1.1323	.11499

#1	3969.0	48855.	5094.6	73.875	4590.9
#2	3970.1	48608.	5087.9	75.483	4601.4
#3	3977.0	48551.	5139.2	75.142	4594.7

Sample Name: CRI01 Acquired: 5/9/2019 12:17:01 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01949	.04053	.01167	.02052	.05076	.09165	.10090	.00630
Stddev	.00100	.00097	.00155	.00319	.00132	.01494	.00004	.00004
%RSD	5.1146	2.3849	13.279	15.563	2.6057	16.298	.04125	.71089
#1	.02060	.04164	.01104	.02006	.04933	.07532	.10087	.00628
#2	.01867	.04002	.01343	.01758	.05193	.10462	.10095	.00636
#3	.01920	.03992	.01053	.02392	.05103	.09502	.10088	.00628
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00596	2.0496	.00994	.02892	.02070	.10511	.02203	1.9549
Stddev	.00007	.0299	.00040	.00015	.00045	.00023	.00009	.0479
%RSD	1.1243	1.4600	4.0688	.53085	2.1790	.21792	.41554	2.4493
#1	.00589	2.0216	.00974	.02902	.02121	.10535	.02207	1.9062
#2	.00599	2.0462	.00967	.02900	.02038	.10509	.02192	1.9565
#3	.00602	2.0812	.01040	.02875	.02050	.10489	.02209	2.0019
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03886	.01014	1.8948	.04053	.03937	1.8711	.20771	.11045
Stddev	.00040	.00055	.0052	.00047	.00007	.0266	.00035	.01031
%RSD	1.0354	5.4292	.27455	1.1515	.16815	1.4188	.16754	9.3350
#1	.03932	.00972	1.8952	.04057	.03942	1.8998	.20781	.12234
#2	.03872	.00994	1.8894	.04004	.03938	1.8474	.20733	.10494
#3	.03855	.01077	1.8997	.04097	.03929	1.8662	.20800	.10406
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01921	.38552	.03761	.04074	.01774	.0175	.02058	F 5.8615
Stddev	.00306	.00169	.00021	.00238	.00146	.0012	.00016	.8126
%RSD	15.924	.43919	.56138	5.8524	8.2036	6.585	.79424	13.864
#1	.01599	.38485	.03745	.03842	.01618	.0184	.02053	6.7996
#2	.01954	.38426	.03753	.04060	.01797	.0180	.02045	5.3725
#3	.02208	.38744	.03785	.04318	.01906	.0162	.02077	5.4125

Sample Name: CRI01 Acquired: 5/9/2019 12:17:01 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6052
Stddev	.4408
%RSD	27.461

#1	2.0084
#2	1.6727
#3	1.1346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.2	48422.	5101.4	75.572	4513.1
Stddev	6.7	212.	13.6	1.455	4.4
%RSD	.17176	.43835	.26717	1.9258	.09754

#1	3922.3	48196.	5090.2	74.450	4508.0
#2	3934.9	48617.	5116.5	75.050	4515.3
#3	3924.3	48454.	5097.5	77.217	4515.9

Sample Name: ICSA01 Acquired: 5/9/2019 12:21:27 Type: Unk
Method: P4-ICP2(v3104) 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	.00821	-.00810	-.00995	-.00341	-.00031	261.49	.00698	.00103
Stddev	.00434	.00011	.00097	.00139	.00117	1.84	.00038	.00006
%RSD	52.823	1.3311	9.7441	40.845	374.26	.70400	5.4799	5.8135
#1	.00892	-.00806	-.00929	-.00450	-.00017	263.22	.00690	.00099
#2	.00356	-.00822	-.00950	-.00184	.00078	259.56	.00664	.00099
#3	.01215	-.00802	-.01106	-.00388	-.00155	261.70	.00740	.00110
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	244.07	.04629	-.00068	-.00617	94.163	.01489	269.73
Stddev	.00008	.81	.00079	.00017	.00046	.554	.00008	1.31
%RSD	2.7552	.33153	1.6976	25.674	7.4684	.58856	.53586	.48529
#1	-.00294	243.59	.04541	-.00049	-.00564	93.575	.01486	270.98
#2	-.00284	245.00	.04654	-.00083	-.00641	94.237	.01498	268.37
#3	-.00279	243.62	.04692	-.00071	-.00646	94.676	.01483	269.84
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01144	-.00786	-.04456	.00307	-.01191	-.06693	-.00411	.06608
Stddev	.00033	.00011	.00549	.00016	.00011	.01692	.00018	.00055
%RSD	2.8410	1.3811	12.310	5.0836	.92703	25.282	4.4005	.82869
#1	-.01136	-.00797	-.04801	.00325	-.01197	-.05545	-.00399	.06633
#2	-.01116	-.00787	-.04744	.00295	-.01197	-.08636	-.00403	.06645
#3	-.01180	-.00775	-.03824	.00302	-.01178	-.05897	-.00432	.06545
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03577	-.00527	-.00054	-.00344	.01237	.0162	-.00272	18.367
Stddev	.00345	.00105	.00143	.00049	.00098	.0017	.00027	.823
%RSD	9.6413	19.948	266.23	14.271	7.9455	10.58	10.069	4.4788
#1	.03197	-.00480	.00104	-.00398	.01125	.0146	-.00249	18.383
#2	.03665	-.00453	-.00090	-.00303	.01309	.0180	-.00265	19.181
#3	.03870	-.00647	-.00175	-.00331	.01278	.0161	-.00302	17.536

Sample Name: ICSA01 Acquired: 5/9/2019 12:21:27 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	45.267
Stddev	.312
%RSD	.68852

#1	45.626
#2	45.109
#3	45.066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.4	43331.	4949.5	68.944	3632.7
Stddev	3.6	153.	23.6	1.034	14.6
%RSD	.10084	.35339	.47628	1.5002	.40246

#1	3519.8	43166.	4950.9	68.366	3629.3
#2	3523.4	43469.	4925.3	70.138	3648.6
#3	3526.9	43358.	4972.4	68.328	3620.0

Sample Name: ICSAB01 Acquired: 5/9/2019 12:32:57 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11055	.09017	.04341	.04778	.60612	254.40	.52991
Stddev	.00232	.00251	.00041	.00246	.00173	.40	.00291
%RSD	2.1023	2.7888	.94673	5.1406	.28619	.15640	.54955

#1	.11319	.08747	.04384	.05049	.60787	254.72	.53283
#2	.10967	.09058	.04336	.04570	.60610	254.53	.52701
#3	.10879	.09245	.04302	.04713	.60440	253.96	.52988

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53228	.99328	237.12	.54446	.49212	.47479	91.425
Stddev	.00046	.00499	1.17	.00199	.00191	.00157	.377
%RSD	.08611	.50216	.49218	.36553	.38843	.32964	.41191

#1	.53278	.99252	236.41	.54236	.49047	.47341	91.853
#2	.53187	.99861	236.49	.54631	.49421	.47649	91.279
#3	.53220	.98872	238.47	.54470	.49167	.47447	91.144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51420	260.33	.95519	.20003	-.04176	.50676	1.0340
Stddev	.00070	.66	.00619	.00147	.00779	.00167	.0036
%RSD	.13588	.25472	.64851	.73732	18.642	.32998	.34735

#1	.51500	260.22	.95066	.19879	-.04616	.50660	1.0336
#2	.51376	259.73	.96225	.20166	-.03277	.50851	1.0378
#3	.51383	261.04	.95265	.19964	-.04636	.50518	1.0307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06887	1.0505	1.1924	F .03483	.97719	1.0578	1.0721
Stddev	.02987	.0162	.0098	.00417	.00445	.0155	.0013
%RSD	43.374	1.5408	.81748	11.970	.45521	1.4662	.12127

#1	-.04376	1.0657	1.1811	.03141	.97841	1.0685	1.0712
#2	-.06093	1.0521	1.1977	.03947	.98090	1.0649	1.0716
#3	-.10190	1.0335	1.1984	.03362	.97226	1.0400	1.0736

Sample Name: ICSAB01 Acquired: 5/9/2019 12:32:57 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01062	F .0162	F -.00240	16.777	43.039
Stddev	.00222	.0022	.00018	.455	.839
%RSD	20.932	13.40	7.3728	2.7122	1.9500
#1	.01172	.0139	-.00252	16.909	44.009
#2	.01208	.0164	-.00220	16.271	42.552
#3	.00806	.0182	-.00248	17.152	42.558
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.5	42969.	4894.1	69.056	3625.0
Stddev	3.0	52.	8.0	1.305	13.1
%RSD	.08462	.12045	.16244	1.8894	.36101
#1	3524.0	42912.	4903.1	70.514	3626.9
#2	3528.9	42979.	4890.9	68.657	3611.1
#3	3523.5	43014.	4888.2	67.998	3637.1

Sample Name: CCV01 Acquired: 5/9/2019 12:37:22 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9118	5.0402	4.8957	4.9344	4.8867	9.6669	9.7124	.25031
Stddev	.0205	.0118	.0098	.0096	.0073	.0744	.0328	.00032
%RSD	.41778	.23517	.20112	.19402	.14974	.77009	.33779	.12634
#1	4.9023	5.0310	4.8859	4.9377	4.8802	9.6317	9.6824	.24996
#2	4.9354	5.0536	4.9056	4.9419	4.8946	9.6166	9.7073	.25059
#3	4.8978	5.0361	4.8957	4.9236	4.8852	9.7524	9.7474	.25037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4653	25.099	1.0024	2.4562	1.2301	5.0225	2.5261	24.716
Stddev	.0075	.104	.0022	.0054	.0032	.0097	.0039	.266
%RSD	.30241	.41505	.21652	.22138	.26145	.19335	.15597	1.0772
#1	2.4603	24.996	1.0008	2.4549	1.2264	5.0161	2.5228	24.595
#2	2.4738	25.098	1.0015	2.4621	1.2314	5.0336	2.5305	24.531
#3	2.4616	25.205	1.0049	2.4515	1.2324	5.0176	2.5251	25.021
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4480	1.2389	24.516	2.4968	2.4468	24.495	4.9754	5.0096
Stddev	.0074	.0011	.127	.0019	.0056	.127	.0116	.0516
%RSD	.30256	.08919	.51952	.07695	.22875	.51859	.23226	1.0306
#1	2.4415	1.2396	24.381	2.4946	2.4436	24.445	4.9635	4.9500
#2	2.4560	1.2376	24.535	2.4984	2.4533	24.400	4.9865	5.0395
#3	2.4464	1.2394	24.633	2.4972	2.4435	24.639	4.9762	5.0393
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8829	4.9417	4.9296	5.0004	4.8888	4.967	4.9951	F 11.588
Stddev	.0110	.0224	.0127	.0037	.0283	.018	.0290	.610
%RSD	.22521	.45402	.25768	.07442	.57932	.3566	.57964	5.2613
#1	4.8707	4.9528	4.9149	4.9989	4.8906	4.957	4.9904	10.916
#2	4.8921	4.9565	4.9371	5.0047	4.9162	4.988	5.0262	12.107
#3	4.8858	4.9159	4.9367	4.9977	4.8596	4.957	4.9688	11.739

Sample Name: CCV01 Acquired: 5/9/2019 12:37:22 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .73940
Stddev	1.0635
%RSD	143.84

#1	.10319
#2	.14782
#3	1.9672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.3	45920.	4930.9	69.813	4045.8
Stddev	4.7	108.	24.5	.825	10.2
%RSD	.12459	.23415	.49593	1.1817	.25261

#1	3797.4	45968.	4921.3	69.292	4045.6
#2	3792.5	45996.	4912.7	69.383	4035.6
#3	3802.0	45797.	4958.7	70.764	4056.1

Sample Name: LLCCV01 Acquired: 5/9/2019 12:41:21 Type: Unk
Method: P4-ICP2(v3104) 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	.01985	.04256	.01303	.02034	.05103	.10028	.09795	.00633
Stddev	.00081	.00180	.00078	.00139	.00060	.00950	.00036	.00000
%RSD	4.0889	4.2326	5.9533	6.8276	1.1687	9.4699	.36325	.04183
#1	.02077	.04445	.01391	.02172	.05036	.09245	.09836	.00633
#2	.01952	.04236	.01246	.02036	.05149	.09754	.09772	.00633
#3	.01925	.04086	.01271	.01894	.05124	.11084	.09777	.00633
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.0651	.01020	.02854	.02047	.10575	.02197	1.9215
Stddev	.00005	.0133	.00028	.00009	.00046	.00069	.00013	.0455
%RSD	.81764	.64556	2.6961	.32866	2.2309	.65471	.59483	2.3662
#1	.00593	2.0804	.01052	.02851	.02000	.10622	.02193	1.9715
#2	.00587	2.0559	.01007	.02846	.02092	.10608	.02212	1.8827
#3	.00597	2.0591	.01002	.02864	.02049	.10495	.02187	1.9103
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03847	.01050	1.8786	.04033	.03767	1.8340	.20736	.11182
Stddev	.00023	.00024	.0024	.00008	.00009	.0280	.00112	.00794
%RSD	.59946	2.2861	.12789	.19942	.23722	1.5254	.54017	7.1050
#1	.03867	.01071	1.8768	.04032	.03761	1.8434	.20634	.10273
#2	.03822	.01024	1.8813	.04041	.03763	1.8560	.20719	.11526
#3	.03852	.01056	1.8777	.04025	.03778	1.8025	.20856	.11746
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01710	.39652	.03925	.04081	.02169	.0170	.02081	F 2.4486
Stddev	.00109	.00076	.00113	.00278	.00086	.0017	.00000	.9449
%RSD	6.3650	.19256	2.8730	6.8191	3.9773	10.25	.00921	38.591
#1	.01737	.39614	.04036	.03842	.02070	.0171	.02082	3.0730
#2	.01590	.39740	.03928	.04015	.02205	.0187	.02081	1.3615
#3	.01803	.39602	.03810	.04386	.02231	.0152	.02081	2.9114

Sample Name: LLCCV01 Acquired: 5/9/2019 12:41:21 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4431
Stddev	.4474
%RSD	31.002

#1	1.6903
#2	1.7124
#3	.92665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.1	47396.	4891.8	73.125	4500.0
Stddev	7.9	92.	11.9	1.196	5.0
%RSD	.20085	.19417	.24235	1.6357	.11042

#1	3919.0	47300.	4902.8	72.550	4494.3
#2	3924.8	47483.	4879.3	72.325	4503.3
#3	3934.6	47405.	4893.4	74.500	4502.4

Sample Name: CCB01 Acquired: 5/9/2019 12:45:49 Type: Unk
Method: P4-ICP2(v3104) 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	.00025	.00052	-.00054	.00064	.00004	.00261	-.00036	.00008
Stddev	.00182	.00102	.00065	.00104	.00058	.00952	.00040	.00003
%RSD	733.13	196.66	121.10	161.91	1441.4	364.49	113.49	35.666
#1	-.00021	.00130	-.00059	.00177	.00036	.00944	-.00081	.00005
#2	.00225	-.00063	.00014	-.00027	-.00063	-.00826	-.00023	.00010
#3	-.00130	.00088	-.00117	.00043	.00039	.00665	-.00003	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00935	-.00019	.00017	-.00043	-.00062	-.00006	-.02059
Stddev	.00005	.00124	.00023	.00019	.00012	.00008	.00003	.01644
%RSD	53.225	13.224	125.59	111.46	27.671	13.240	48.260	79.856
#1	.00015	.01077	-.00005	.00033	-.00041	-.00053	-.00008	-.00450
#2	.00010	.00854	-.00006	-.00003	-.00055	-.00065	-.00003	-.03736
#3	.00005	.00873	-.00046	.00020	-.00031	-.00068	-.00005	-.01990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00031	-.12406	-.00008	-.00099	-.13623	.00040	.00435
Stddev	.00006	.00029	.00399	.00023	.00003	.01531	.00031	.00789
%RSD	8.0284	95.108	3.2155	296.69	2.8049	11.235	78.917	181.56
#1	-.00074	-.00018	-.12400	-.00032	-.00098	-.12181	.00058	.00061
#2	-.00070	-.00065	-.12808	.00014	-.00102	-.13459	.00057	-.00099
#3	-.00082	-.00010	-.12011	-.00005	-.00096	-.15229	.00004	.01342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00042	-.00085	-.00003	-.00151	-.0003	.00010	F 7.3547
Stddev	.00288	.00196	.00100	.00114	.00014	.0011	.00001	.5167
%RSD	206.88	468.98	118.00	4504.0	9.1369	411.5	11.607	7.0257
#1	.00182	-.00040	-.00122	-.00107	-.00137	-.0003	.00009	7.5022
#2	.00403	-.00100	.00029	-.00020	-.00165	-.0014	.00009	7.7815
#3	-.00168	.00265	-.00161	.00119	-.00151	.0009	.00011	6.7802

Sample Name: CCB01 Acquired: 5/9/2019 12:45:49 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4548
Stddev	.3433
%RSD	23.594

#1	1.7342
#2	1.5585
#3	1.0717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3937.1	48236.	5025.0	74.936	4544.9
Stddev	3.2	167.	35.9	.228	3.3
%RSD	.08157	.34558	.71434	.30380	.07341

#1	3940.8	48097.	4983.7	75.000	4545.2
#2	3934.7	48190.	5042.2	75.125	4541.4
#3	3935.9	48421.	5049.1	74.683	4548.0

Sample Name: PB119573BL Acquired: 5/9/2019 13:00:10 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119573BL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00047	-.00096	-.00031	.00076	-.02094	.00027	.00003
Stddev	.00162	.00055	.00033	.00122	.00191	.00657	.00014	.00002
%RSD	763.72	118.66	34.912	391.14	250.59	31.362	54.587	88.994
#1	.00166	-.00107	-.00117	-.00116	.00015	-.01876	.00010	.00000
#2	-.00121	.00003	-.00057	-.00086	.00291	-.02832	.00035	.00003
#3	-.00108	-.00036	-.00112	.00108	-.00076	-.01574	.00035	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00503	-.00020	.00006	-.00063	-.00052	-.00009	-.05376
Stddev	.00014	.01473	.00024	.00009	.00049	.00059	.00004	.05777
%RSD	170.58	293.03	118.23	141.73	78.009	113.37	46.476	107.45
#1	.00009	-.00443	.00007	.00006	-.00049	-.00062	-.00006	-.01070
#2	-.00006	.00940	-.00035	-.00003	-.00022	-.00105	-.00013	-.03117
#3	.00022	-.02005	-.00033	.00015	-.00117	.00011	-.00007	-.11941
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00049	-.11478	-.00004	-.00099	-.09748	.00014	-.00175
Stddev	.00028	.00000	.00116	.00034	.00012	.00980	.00022	.00128
%RSD	33.484	.65385	1.0107	893.20	12.611	10.052	162.50	72.977
#1	-.00115	-.00049	-.11484	-.00008	-.00084	-.08904	.00011	-.00310
#2	-.00066	-.00049	-.11590	-.00035	-.00104	-.09516	.00037	-.00157
#3	-.00069	-.00049	-.11359	.00032	-.00107	-.10823	-.00007	-.00057
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00165	-.00131	-.00083	-.00154	-.0004	-.00000	F 7.3228
Stddev	.00417	.00298	.00114	.00029	.00100	.0016	.00002	.2810
%RSD	532.07	181.02	86.799	34.346	65.135	444.9	362.91	3.8368
#1	.00560	.00068	-.00093	-.00106	-.00061	-.0014	-.00000	7.4043
#2	-.00185	-.00073	-.00042	-.00051	-.00260	.0015	.00001	7.5541
#3	-.00139	.00499	-.00260	-.00093	-.00141	-.0013	-.00002	7.0102

Sample Name: PB119573BL Acquired: 5/9/2019 13:00:10 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119573BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4118
Stddev	.8882
%RSD	36.825

#1	2.7805
#2	1.3987
#3	3.0562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.7	48164.	5054.1	74.286	4521.2
Stddev	4.7	73.	17.5	1.467	20.9
%RSD	.12033	.15074	.34650	1.9755	.46191

#1	3903.9	48124.	5040.5	72.967	4512.8
#2	3902.1	48119.	5073.9	74.025	4505.9
#3	3911.0	48247.	5048.0	75.867	4545.0

Sample Name: PB119573BS Acquired: 5/9/2019 13:04:41 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119573BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74762	1.9585	.95778	1.8778	.76625	1.8704	.19570
Stddev	.00291	.0021	.00216	.0045	.00259	.0041	.00107
%RSD	.38866	.10834	.22555	.23979	.33769	.21782	.54764

#1	.74989	1.9602	.95819	1.8794	.76890	1.8748	.19646
#2	.74863	1.9561	.95545	1.8727	.76611	1.8668	.19447
#3	.74435	1.9593	.95971	1.8812	.76373	1.8694	.19616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18773	.18703	1.0409	.40811	.19581	.30937	3.0844
Stddev	.00030	.00013	.0145	.00092	.00029	.00050	.0063
%RSD	.16238	.06918	1.3935	.22453	.14807	.16222	.20316

#1	.18767	.18713	1.0482	.40899	.19560	.30993	3.0779
#2	.18745	.18709	1.0502	.40716	.19568	.30896	3.0904
#3	.18805	.18689	1.0242	.40818	.19614	.30922	3.0849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20736	1.9183	.47512	.06759	2.8342	.30761	.18288
Stddev	.00040	.0136	.00093	.00078	.0138	.00125	.00023
%RSD	.19234	.70937	.19622	1.1500	.48630	.40704	.12773

#1	.20705	1.9174	.47410	.06675	2.8406	.30901	.18288
#2	.20721	1.9052	.47593	.06772	2.8437	.30721	.18311
#3	.20781	1.9323	.47534	.06829	2.8184	.30660	.18265

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6574	.40870	.27944	F -.00201	.87492	.65164	.19689
Stddev	.0614	.00052	.00456	.00211	.00159	.00077	.00233
%RSD	.63529	.12726	1.6331	105.08	.18144	.11814	1.1823

#1	9.7253	.40816	.28441	-.00195	.87640	.65163	.19645
#2	9.6411	.40920	.27544	-.00415	.87324	.65087	.19940
#3	9.6058	.40873	.27847	.00007	.87511	.65241	.19481

Sample Name: PB119573BS Acquired: 5/9/2019 13:04:41 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119573BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19054	5.051	.19829	F 7.1699	F 7.9066
Stddev	.00104	.007	.00031	.7140	.9000
%RSD	.54764	.1367	.15683	9.9585	11.382
#1	.18977	5.056	.19828	6.3530	8.6502
#2	.19012	5.043	.19799	7.4817	8.1634
#3	.19173	5.055	.19861	7.6749	6.9061
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3842.3	47883.	5001.4	72.419	4397.7
Stddev	12.7	65.	19.7	.992	13.1
%RSD	.33052	.13650	.39326	1.3701	.29830
#1	3829.2	47808.	5021.9	71.958	4386.5
#2	3843.2	47921.	4999.7	73.558	4394.6
#3	3854.6	47921.	4982.7	71.742	4412.1

Sample Name: PB119573TB Acquired: 5/9/2019 13:08:50 Type: Unk
Method: P4-ICP2(v3104) 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	-.00370	-.00380	-.00044	.00052	.00086	-.00442	-.00051	-.00004
Stddev	.00216	.00054	.00016	.00286	.00083	.01379	.00048	.00001
%RSD	58.557	14.179	37.010	554.11	95.897	312.28	93.492	41.954

#1	-.00122	-.00328	-.00055	-.00261	.00136	-.00800	-.00001	-.00002
#2	-.00467	-.00376	-.00051	.00301	.00132	.01081	-.00095	-.00004
#3	-.00521	-.00435	-.00025	.00115	-.00009	-.01607	-.00057	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00525	.00017	-.00016	.00043	.00220	-.00008	-.00642
Stddev	.00004	.00493	.00019	.00021	.00010	.00043	.00005	.01938
%RSD	48.706	93.960	109.66	131.69	23.418	19.587	62.904	301.70

#1	-.00013	.00768	.00039	.00007	.00042	.00254	-.00003	-.01856
#2	-.00004	-.00043	.00004	-.00020	.00053	.00236	-.00013	-.01664
#3	-.00009	.00849	.00009	-.00033	.00033	.00172	-.00009	.01593

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00109	F 263.00	.00027	-.00018	-.02630	.00026	-.00026
Stddev	.00022	.00044	.86	.00032	.00005	.01545	.00003	.00587
%RSD	461.64	40.338	.32864	117.74	28.571	58.756	12.466	2233.0

#1	-.00027	.00155	262.97	.00019	-.00019	-.03155	.00025	-.00682
#2	-.00005	.00068	262.15	.00062	-.00022	-.03844	.00023	.00450
#3	.00018	.00103	263.88	-.00000	-.00012	-.00890	.00029	.00154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01119	.00691	-.00271	.00090	-.00207	.0001	-.00001	14.364
Stddev	.00354	.00226	.00029	.00064	.00193	.0009	.00006	.837
%RSD	31.683	32.742	10.871	71.250	93.186	1438.	891.47	5.8282

#1	.01080	.00433	-.00268	.00066	-.00345	.0010	-.00003	13.594
#2	.00785	.00788	-.00302	.00162	-.00291	.0000	-.00006	14.245
#3	.01491	.00854	-.00244	.00041	.00014	-.0008	.00006	15.255

Sample Name: PB119573TB Acquired: 5/9/2019 13:08:50 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.16595
Stddev	.20139
%RSD	121.36

#1	.25794
#2	.30491
#3	-.06501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.1	45019.	4977.1	72.300	3972.2
Stddev	6.9	206.	27.0	2.042	3.4
%RSD	.18755	.45648	.54253	2.8240	.08580

#1	3682.4	44802.	4968.4	72.283	3968.7
#2	3674.2	45047.	4955.4	70.267	3972.5
#3	3668.7	45210.	5007.3	74.350	3975.5

Sample Name: PB119574BL Acquired: 5/9/2019 13:13:28 Type: Unk
Method: P4-ICP2(v3104) 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	-.00019	.00052	-.00150	.00198	.00225	-.01263	-.00057	.00001
Stddev	.00028	.00078	.00055	.00191	.00058	.01062	.00048	.00005
%RSD	150.94	151.27	36.378	96.554	25.760	84.101	83.083	327.97
#1	.00007	.00079	-.00087	.00312	.00243	-.01088	-.00081	.00005
#2	-.00050	-.00037	-.00188	.00305	.00273	-.02402	-.00002	-.00004
#3	-.00013	.00112	-.00175	-.00023	.00161	-.00300	-.00088	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00510	-.00023	.00001	-.00047	.00027	-.00008	-.01809
Stddev	.00005	.00947	.00014	.00019	.00018	.00011	.00005	.03589
%RSD	43.788	185.84	59.910	1651.6	37.824	41.924	57.476	198.44
#1	.00015	-.00296	-.00009	-.00001	-.00066	.00018	-.00014	-.02372
#2	.00006	.00272	-.00023	-.00016	-.00045	.00039	-.00004	.02029
#3	.00012	.01553	-.00037	.00021	-.00030	.00024	-.00007	-.05083
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	-.00028	-.03972	.00014	-.00048	-.10524	.00009	.00259
Stddev	.00041	.00036	.00197	.00027	.00032	.02479	.00026	.01700
%RSD	35.263	127.93	4.9473	189.65	66.628	23.555	295.94	655.43
#1	-.00070	-.00022	-.04074	-.00015	-.00016	-.08295	.00028	-.01517
#2	-.00132	-.00067	-.04097	.00018	-.00049	-.10082	.00020	.00424
#3	-.00147	.00005	-.03746	.00039	-.00080	-.13194	-.00021	.01871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00340	-.00057	-.00141	.00073	.00147	-.0003	-.00003	F 5.8124
Stddev	.00166	.00052	.00047	.00220	.00110	.0012	.00004	1.3728
%RSD	48.779	90.399	33.681	299.10	75.041	435.5	132.68	23.618
#1	.00388	-.00085	-.00144	.00149	.00157	-.0012	.00001	6.8346
#2	.00155	.00002	-.00092	-.00174	.00032	.0011	-.00004	6.3506
#3	.00476	-.00090	-.00186	.00245	.00251	-.0007	-.00006	4.2521

Sample Name: PB119574BL Acquired: 5/9/2019 13:13:28 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2674
Stddev .6901
%RSD 54.448

#1 .47335
#2 1.7221
#3 1.6067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.2	48125.	5027.4	73.033	4538.0
Stddev	4.2	79.	25.8	.914	2.9
%RSD	.10740	.16489	.51278	1.2512	.06324

#1	3916.6	48072.	5002.5	72.033	4535.1
#2	3924.8	48087.	5054.0	73.825	4540.8
#3	3919.1	48216.	5025.6	73.242	4538.1

Sample Name: PB119574BS Acquired: 5/9/2019 13:17:56 Type: Unk
Method: P4-ICP2(v3104) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73223	1.9455	.94606	1.8403	.75813	1.8619	.19130	.18647
Stddev	.00255	.0079	.00081	.0061	.00138	.0130	.00082	.00013
%RSD	.34800	.40558	.08593	.33042	.18240	.69574	.43117	.06915
#1	.73248	1.9546	.94606	1.8441	.75841	1.8520	.19180	.18636
#2	.73465	1.9399	.94525	1.8434	.75935	1.8573	.19175	.18645
#3	.72957	1.9421	.94688	1.8332	.75663	1.8766	.19035	.18661
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18430	1.0596	.40750	.19363	.30579	3.0830	.20623	1.8808
Stddev	.00034	.0144	.00144	.00027	.00213	.0066	.00033	.0318
%RSD	.18513	1.3602	.35260	.13914	.69629	.21372	.15795	1.6893
#1	.18468	1.0510	.40914	.19343	.30574	3.0878	.20587	1.8564
#2	.18416	1.0516	.40691	.19352	.30795	3.0857	.20651	1.8693
#3	.18404	1.0762	.40645	.19393	.30369	3.0755	.20632	1.9167
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47075	.06746	2.8348	.30511	.18515	9.5327	.40698	.26854
Stddev	.00036	.00094	.0100	.00173	.00019	.0346	.00192	.01188
%RSD	.07552	1.3990	.35220	.56839	.10370	.36262	.47055	4.4237
#1	.47034	.06682	2.8352	.30702	.18522	9.4967	.40599	.27594
#2	.47087	.06702	2.8446	.30363	.18529	9.5656	.40919	.25484
#3	.47102	.06855	2.8246	.30468	.18493	9.5356	.40576	.27486
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .14121	.86056	.64806	.19890	.19366	4.992	.19665	F 9.0125
Stddev	.00119	.00614	.00233	.00162	.00229	.011	.00120	.5035
%RSD	.84517	.71369	.35943	.81540	1.1817	.2226	.60847	5.5869
#1	.13984	.86062	.64946	.19735	.19113	4.994	.19534	8.4365
#2	.14199	.85439	.64537	.19877	.19557	5.003	.19692	9.3688
#3	.14181	.86667	.64936	.20059	.19430	4.981	.19768	9.2324

Sample Name: PB119574BS Acquired: 5/9/2019 13:17:56 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 5.9926
Stddev	.6758
%RSD	11.278

#1	5.3216
#2	5.9831
#3	6.6732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.0	47303.	4891.3	72.214	4376.9
Stddev	13.0	60.	28.3	.613	10.5
%RSD	.33931	.12677	.57936	.84850	.24000

#1	3815.2	47245.	4910.0	71.933	4367.6
#2	3806.7	47298.	4905.1	71.792	4374.7
#3	3832.1	47365.	4858.7	72.917	4388.3

Sample Name: PB119574TB Acquired: 5/9/2019 13:22:02 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8194 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00319	-.00260	-.00047	.00161	.00074	.00456	-.00096	-.00002
Stddev	.00069	.00107	.00102	.00237	.00170	.00406	.00035	.00005
%RSD	21.558	41.156	216.00	146.50	230.17	89.216	36.829	280.42
#1	-.00330	-.00266	.00060	.00434	.00234	.00823	-.00084	.00004
#2	-.00382	-.00150	-.00059	.00007	.00091	.00525	-.00068	-.00005
#3	-.00246	-.00363	-.00143	.00043	-.00104	.00019	-.00136	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00034	.00052	-.00021	.00021	.00641	-.00005	-.03909
Stddev	.00006	.00691	.00011	.00014	.00036	.00035	.00007	.02016
%RSD	49.762	2008.5	21.180	68.108	172.17	5.4380	131.41	51.576
#1	-.00020	-.00812	.00065	-.00036	.00057	.00640	-.00008	-.05993
#2	-.00011	.00511	.00048	-.00007	-.00015	.00607	-.00010	-.01969
#3	-.00007	.00198	.00044	-.00021	.00020	.00677	.00003	-.03764
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.00085	F 248.52	.00038	.00413	-.07675	.00033	-.00300
Stddev	.00033	.00068	1.03	.00032	.00011	.03911	.00017	.01333
%RSD	81.876	79.435	.41464	84.878	2.6478	50.963	52.101	444.77
#1	-.00016	.00038	249.40	.00006	.00403	-.12187	.00047	.01201
#2	-.00027	.00163	248.77	.00037	.00411	-.05599	.00038	-.00753
#3	-.00078	.00055	247.39	.00071	.00424	-.05239	.00014	-.01347
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00865	.00317	-.00237	.00118	-.00002	-.0012	-.00003	15.049
Stddev	.00380	.00243	.00066	.00048	.00117	.0022	.00004	.955
%RSD	43.918	76.659	27.836	40.975	7708.0	182.2	130.72	6.3448
#1	.01047	.00342	-.00246	.00062	-.00040	.0011	-.00009	13.968
#2	.01119	.00062	-.00298	.00148	-.00094	-.0034	-.00000	15.776
#3	.00428	.00545	-.00167	.00144	.00130	-.0013	-.00001	15.404

Sample Name: PB119574TB Acquired: 5/9/2019 13:22:02 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8194 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.85022
%RSD	130.44

#1	-1.0304
#2	.32196
#3	-1.2470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.9	45216.	4897.8	70.747	4014.3
Stddev	13.4	148.	11.6	.782	14.9
%RSD	.36211	.32705	.23725	1.1059	.37060

#1	3717.6	45165.	4900.9	71.617	4031.4
#2	3699.8	45101.	4884.9	70.100	4004.4
#3	3691.3	45383.	4907.5	70.525	4007.2

Sample Name: K2746-02 Acquired: 5/9/2019 13:26:38 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5.8.19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00437	.00091	.00134	-.00001	.03731	.30215
Stddev	.00205	.00110	.00070	.00225	.00036	.01505	.00133
%RSD	166.55	25.256	77.696	167.51	2637.9	40.347	.43900

#1	-.00100	-.00364	.00093	.00344	.00018	.02879	.30067
#2	.00303	-.00384	.00019	-.00103	-.00043	.05469	.30323
#3	.00167	-.00564	.00160	.00162	.00021	.02844	.30255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00167	113.21	-.00090	.00159	.05454	-.00206
Stddev	.00006	.00007	.05	.00010	.00002	.00044	.00063
%RSD	410.92	3.9780	.04170	11.162	1.0597	.81323	30.649

#1	-.00002	.00160	113.24	-.00089	.00157	.05430	-.00277
#2	-.00006	.00173	113.16	-.00100	.00161	.05427	-.00157
#3	.00005	.00169	113.24	-.00080	.00159	.05505	-.00184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1652	1.7183	-.00105	-.00105	251.01	-.00357	.09418
Stddev	.0005	.0435	.00011	.00050	.85	.00025	.00081
%RSD	.04287	2.5323	10.476	47.609	.33949	6.9390	.86391

#1	1.1646	1.7680	-.00103	-.00052	251.79	-.00354	.09357
#2	1.1655	1.6997	-.00117	-.00151	251.14	-.00333	.09386
#3	1.1655	1.6871	-.00096	-.00112	250.10	-.00383	.09510

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8990	.00051	.03799	.29703	1.0919	-.00290	-.00436
Stddev	.0309	.00049	.01729	.00601	.0082	.00065	.00202
%RSD	1.0677	95.624	45.526	2.0238	.75229	22.422	46.462

#1	2.8649	.00002	.04288	.29425	1.1014	-.00366	-.00657
#2	2.9071	.00052	.01877	.30392	1.0876	-.00254	-.00389
#3	2.9252	.00099	.05231	.29291	1.0867	-.00252	-.00261

Sample Name: K2746-02 Acquired: 5/9/2019 13:26:38 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-5.8.19 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00594	.0003	.30083	20.935	F<.00000
Stddev	.00034	.0027	.00037	.603	.88861
%RSD	5.7248	795.2	.12339	2.8794	18.204

#1	.00586	.0003	.30051	20.442	-3.9852
#2	.00631	.0030	.30124	21.607	-4.8968
#3	.00564	-.0024	.30074	20.757	-5.7622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.5	45196.	5014.7	71.610	3885.4
Stddev	6.3	23.	17.9	1.493	4.5
%RSD	.17492	.05014	.35723	2.0854	.11550

#1	3624.8	45192.	4996.6	73.146	3884.0
#2	3622.9	45221.	5032.4	70.163	3881.8
#3	3634.7	45176.	5015.1	71.521	3890.4

Sample Name: K2746-02DUP Acquired: 5/9/2019 13:31:10 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5.8.19D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00303	.00184	.00168	-.00254	.01702	.29848
Stddev	.00115	.00250	.00092	.00457	.00071	.02004	.00080
%RSD	87.336	82.350	49.884	271.62	28.049	117.80	.26684

#1	.00107	-.00033	.00232	-.00283	-.00328	.00625	.29808
#2	.00031	-.00352	.00078	.00157	-.00250	.00466	.29795
#3	.00257	-.00525	.00243	.00631	-.00186	.04014	.29939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00169	112.18	-.00064	.00142	.05370	-.00197
Stddev	.00003	.00010	.73	.00021	.00014	.00045	.00014
%RSD	144.98	5.6756	.65513	33.693	10.012	.84046	7.0489

#1	.00004	.00161	112.84	-.00050	.00142	.05333	-.00212
#2	-.00002	.00179	112.32	-.00053	.00128	.05357	-.00185
#3	.00004	.00165	111.39	-.00088	.00157	.05420	-.00194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1510	1.6624	-.00089	-.00153	245.68	-.00403	.09209
Stddev	.0028	.0408	.00018	.00072	1.31	.00032	.00040
%RSD	.24704	2.4544	20.731	47.130	.53281	7.9189	.43511

#1	1.1512	1.6240	-.00071	-.00091	247.19	-.00393	.09183
#2	1.1481	1.6581	-.00090	-.00232	244.98	-.00438	.09189
#3	1.1538	1.7052	-.00107	-.00135	244.86	-.00377	.09255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8405	.00011	.03516	.28972	1.0872	-.00347	-.00059
Stddev	.0148	.00012	.01948	.00078	.0132	.00092	.00100
%RSD	.51970	106.24	55.390	.26936	1.2174	26.500	168.98

#1	2.8477	.00016	.01355	.29041	1.0809	-.00254	.00041
#2	2.8235	.00020	.04060	.28887	1.1024	-.00437	-.00158
#3	2.8503	-.00002	.05135	.28987	1.0783	-.00349	-.00060

Sample Name: K2746-02DUP Acquired: 5/9/2019 13:31:10 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5.8.19D Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00757	-.0007	.29748	20.177	F<.00000
Stddev	.00102	.0016	.00345	.660	1.2000
%RSD	13.422	240.9	1.1590	3.2688	22.669

#1	.00689	.0009	.29983	20.215	-6.3858
#2	.00874	-.0007	.29909	19.500	-5.4862
#3	.00709	-.0023	.29352	20.817	-4.0091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.0	45731.	5042.4	72.990	3920.7
Stddev	11.1	173.	39.6	.522	14.2
%RSD	.30382	.37764	.78564	.71545	.36268

#1	3661.3	45601.	5004.0	72.871	3929.7
#2	3652.5	45927.	5040.2	72.538	3928.2
#3	3639.3	45664.	5083.1	73.562	3904.3

Sample Name: K2746-02LX5 Acquired: 5/9/2019 13:35:41 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8194 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00087	-.00020	.00140	-.00028	.00470	.05929
Stddev	.00186	.00180	.00107	.00221	.00191	.00835	.00059
%RSD	724.14	207.59	546.38	157.40	680.51	177.78	.98720

#1	-.00233	.00106	-.00023	.00375	.00097	.01423	.05981
#2	.00030	-.00250	.00089	-.00064	-.00248	-.00132	.05941
#3	.00126	-.00116	-.00124	.00110	.00067	.00118	.05866

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00033	23.395	-.00022	.00042	.01178	.00301
Stddev	.00004	.00009	.082	.00009	.00012	.00053	.00062
%RSD	99.833	28.346	.34874	42.162	28.849	4.5025	20.743

#1	-.00001	.00041	23.407	-.00022	.00032	.01187	.00317
#2	.00007	.00023	23.308	-.00030	.00056	.01121	.00354
#3	.00006	.00034	23.470	-.00012	.00039	.01226	.00232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23960	.30930	-.00156	-.00072	49.407	-.00069	.01749
Stddev	.00048	.03405	.00020	.00024	.136	.00062	.00015
%RSD	.20102	11.009	12.948	33.094	.27439	89.729	.86327

#1	.23987	.30857	-.00148	-.00099	49.333	-.00044	.01732
#2	.23988	.27562	-.00141	-.00059	49.564	-.00024	.01753
#3	.23904	.34371	-.00179	-.00058	49.325	-.00139	.01761

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50434	-.00001	.00388	.05643	.23582	-.00262	.00036
Stddev	.01791	.00021	.01186	.00138	.00268	.00056	.00121
%RSD	3.5504	3491.1	305.36	2.4439	1.1346	21.568	335.19

#1	.52168	-.00005	-.00946	.05525	.23843	-.00197	.00117
#2	.50541	.00022	.00791	.05795	.23594	-.00302	-.00103
#3	.48592	-.00019	.01320	.05611	.23308	-.00286	.00095

Sample Name: K2746-02LX5 Acquired: 5/9/2019 13:35:41 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8194 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.0018	.06174	14.212	F<.00000
Stddev	.00184	.0015	.00009	.819	1.5067
%RSD	125.23	84.00	.14594	5.7647	72.649

#1	-.00033	-.0033	.06170	14.611	-.94950
#2	.00336	-.0015	.06184	13.269	-3.7858
#3	.00139	-.0004	.06167	14.755	-1.4864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.0	47001.	5015.7	74.738	4240.9
Stddev	6.3	215.	12.5	2.314	4.2
%RSD	.16474	.45781	.24849	3.0968	.09898

#1	3803.6	47007.	5027.5	72.207	4244.2
#2	3791.9	46783.	5002.6	75.263	4236.2
#3	3801.6	47213.	5017.0	76.746	4242.5

Sample Name: K2746-02MS Acquired: 5/9/2019 13:40:07 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5.8.19M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81063	1.9475	.98445	2.0597	.80695	1.9886	.53252	.20405
Stddev	.00610	.0094	.00577	.0042	.00156	.0077	.00273	.00069
%RSD	.75280	.48038	.58595	.20129	.19375	.38776	.51332	.33932
#1	.80983	1.9563	.99025	2.0616	.80848	1.9922	.53350	.20392
#2	.81709	1.9485	.98438	2.0549	.80700	1.9798	.52944	.20343
#3	.80497	1.9376	.97872	2.0625	.80536	1.9939	.53464	.20480
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20107	124.79	.40213	.20479	.36213	3.0481	1.4728	3.8230
Stddev	.00086	.79	.00130	.00095	.00180	.0079	.0041	.0670
%RSD	.42773	.63356	.32267	.46191	.49649	.25851	.28102	1.7529
#1	.20169	123.92	.40290	.20518	.36404	3.0405	1.4692	3.8903
#2	.20144	125.46	.40063	.20549	.36185	3.0476	1.4720	3.8224
#3	.20009	124.99	.40286	.20372	.36048	3.0563	1.4773	3.7562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48784	.06858	275.13	.31428	.30575	13.746	.42225	.35584
Stddev	.00134	.00028	1.03	.00142	.00120	.083	.00222	.01166
%RSD	.27377	.40533	.37258	.45088	.39263	.60731	.52679	3.2767
#1	.48926	.06853	274.52	.31320	.30704	13.832	.42430	.36253
#2	.48764	.06833	276.31	.31375	.30556	13.666	.42255	.36262
#3	.48661	.06888	274.55	.31589	.30466	13.739	.41989	.34238
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31824	2.0618	.69599	.19855	.19760	6.010	.52440	22.850
Stddev	.00382	.0091	.00498	.00150	.00316	.036	.00298	.973
%RSD	1.1990	.43923	.71573	.75491	1.5982	.6019	.56897	4.2598
#1	.31959	2.0515	.70170	.19687	.19416	6.051	.52110	22.437
#2	.32120	2.0653	.69371	.19901	.19824	5.996	.52691	23.961
#3	.31393	2.0685	.69255	.19976	.20038	5.982	.52519	22.151

Sample Name: K2746-02MS Acquired: 5/9/2019 13:40:07 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5.8.19M Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.59259
%RSD	119.48

#1	-.03674
#2	-.28629
#3	-1.1649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3580.8	44871.	4924.9	72.815	3835.9
Stddev	8.0	85.	38.0	2.578	15.5
%RSD	.22442	.18926	.77199	3.5405	.40320

#1	3574.7	44840.	4955.9	70.528	3821.6
#2	3577.7	44806.	4882.5	72.309	3833.8
#3	3589.9	44967.	4936.4	75.609	3852.3

Sample Name: CCV02 Acquired: 5/9/2019 13:44:23 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14936 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0118	5.0868	5.0195	5.0048	4.9813	9.7320	9.8648
Stddev	.0067	.0119	.0126	.0093	.0161	.0267	.0154
%RSD	.13365	.23331	.25065	.18501	.32259	.27407	.15582

#1	5.0161	5.0995	5.0340	5.0144	4.9984	9.7399	9.8774
#2	5.0153	5.0761	5.0117	5.0040	4.9666	9.7023	9.8694
#3	5.0041	5.0847	5.0127	4.9959	4.9789	9.7539	9.8477

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25495	2.5050	25.259	1.0037	2.5138	1.2562	5.0764
Stddev	.00042	.0021	.131	.0026	.0035	.0033	.0105
%RSD	.16362	.08500	.51954	.25656	.13793	.26358	.20705

#1	.25519	2.5073	25.111	1.0064	2.5173	1.2595	5.0869
#2	.25447	2.5031	25.362	1.0013	2.5104	1.2529	5.0658
#3	.25519	2.5047	25.304	1.0034	2.5138	1.2561	5.0766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5684	25.055	2.4443	1.2466	24.573	2.5357	2.5076
Stddev	.0045	.154	.0033	.0032	.017	.0024	.0049
%RSD	.17508	.61412	.13389	.25617	.06903	.09544	.19547

#1	2.5735	24.910	2.4478	1.2456	24.557	2.5333	2.5132
#2	2.5653	25.038	2.4414	1.2440	24.591	2.5381	2.5044
#3	2.5662	25.217	2.4436	1.2501	24.572	2.5356	2.5051

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.961	5.0741	4.9795	4.9763	4.9734	5.0122	5.0234
Stddev	.051	.0076	.0484	.0088	.0148	.0151	.0091
%RSD	.20604	.14949	.97236	.17630	.29690	.30215	.18153

#1	24.912	5.0828	4.9251	4.9864	4.9828	5.0269	5.0287
#2	24.956	5.0685	4.9954	4.9708	4.9564	4.9967	5.0129
#3	25.014	5.0712	5.0179	4.9717	4.9810	5.0132	5.0287

Sample Name: CCV02 Acquired: 5/9/2019 13:44:23 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14936 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7936	5.026	5.0235	F 14.036	F<.00000
Stddev	.0158	.017	.0182	1.618	1.6916
%RSD	.32863	.3294	.36182	11.525	134.42
#1	4.8064	5.044	5.0315	14.586	-1.9664
#2	4.7983	5.011	5.0363	15.308	-2.4809
#3	4.7760	5.023	5.0027	12.215	.67213
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3793.7	46516.	5004.1	70.406	4042.7
Stddev	10.3	88.	3.4	.730	10.6
%RSD	.27267	.18951	.06700	1.0368	.26155
#1	3781.8	46568.	5006.0	69.825	4030.5
#2	3799.4	46565.	5000.3	71.225	4049.5
#3	3799.9	46414.	5006.1	70.167	4048.1

Sample Name: CCB02 Acquired: 5/9/2019 13:48:21 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14936 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	.00112	.00018	.00111	.00083	-.01018	-.00038	.00002
Stddev	.00131	.00145	.00038	.00225	.00089	.00546	.00060	.00005
%RSD	54.726	129.19	205.67	202.58	107.36	53.628	154.76	320.02
#1	-.00156	.00269	.00049	.00269	.00183	-.00551	-.00093	.00005
#2	-.00173	-.00017	-.00024	-.00146	.00055	-.00885	.00025	-.00004
#3	-.00392	.00085	.00030	.00211	.00011	-.01619	-.00048	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01198	-.00010	.00019	-.00026	-.00038	-.00005	.00671
Stddev	.00008	.00522	.00014	.00015	.00017	.00024	.00005	.01625
%RSD	5849.6	43.539	135.85	77.866	65.398	63.564	91.953	242.09
#1	-.00002	.01743	-.00013	.00032	-.00041	-.00052	-.00003	-.00774
#2	-.00008	.01149	-.00023	.00024	-.00028	-.00010	-.00002	.00358
#3	.00009	.00703	.00005	.00002	-.00008	-.00050	-.00011	.02430
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	-.00008	-.06682	.00041	-.00085	-.11465	.00064	-.00622
Stddev	.00016	.00033	.00938	.00018	.00013	.01764	.00022	.00465
%RSD	18.647	397.94	14.042	44.680	14.773	15.383	34.187	74.864
#1	-.00066	-.00017	-.07765	.00059	-.00073	-.09501	.00086	-.00364
#2	-.00096	-.00036	-.06181	.00041	-.00084	-.12915	.00042	-.01159
#3	-.00089	.00028	-.06101	.00023	-.00098	-.11978	.00063	-.00342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00173	.00070	.00129	.00165	-.0019	.00013	F 6.6277
Stddev	.00165	.00134	.00061	.00222	.00101	.0003	.00008	.6420
%RSD	8410.7	77.019	87.817	171.97	60.973	16.42	57.198	9.6868
#1	-.00101	.00097	.00135	.00250	.00089	-.0016	.00021	6.5913
#2	-.00086	.00095	.00060	-.00127	.00127	-.0018	.00011	6.0047
#3	.00193	.00328	.00014	.00263	.00279	-.0022	.00007	7.2871

Sample Name: CCB02 Acquired: 5/9/2019 13:48:21 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14936 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.4819
 Stddev .9348
 %RSD 63.077

#1 1.4030
 #2 .58914
 #3 2.4537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.4	47961.	4930.4	71.947	4529.0
Stddev	9.0	58.	15.3	.975	6.8
%RSD	.22868	.12120	.30969	1.3552	.15124

#1	3909.3	47989.	4938.1	71.283	4521.6
#2	3924.7	47894.	4940.3	73.067	4530.3
#3	3909.1	48000.	4912.8	71.492	4535.1

Sample Name: K2746-02MSD Acquired: 5/9/2019 13:52:50 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5.8.19M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78607	1.9098	.96053	2.0054	.78675	1.9866	.51948
Stddev	.00200	.0026	.00195	.0103	.00296	.0243	.00279
%RSD	.25443	.13577	.20346	.51298	.37579	1.2248	.53703

#1	.78711	1.9092	.96167	2.0002	.78881	2.0092	.51675
#2	.78377	1.9126	.96166	2.0172	.78809	1.9608	.51937
#3	.78735	1.9075	.95828	1.9987	.78336	1.9897	.52233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20068	.19622	124.74	.40437	.19954	.35517	3.0210
Stddev	.00013	.00036	.92	.00074	.00050	.00084	.0078
%RSD	.06563	.18121	.73571	.18311	.25217	.23547	.25753

#1	.20081	.19654	123.68	.40353	.19991	.35549	3.0181
#2	.20054	.19629	125.24	.40467	.19974	.35580	3.0152
#3	.20070	.19584	125.30	.40491	.19896	.35422	3.0299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4568	3.8047	.47864	.06932	275.30	.31084	.29666
Stddev	.0011	.0228	.00025	.00061	1.78	.00164	.00047
%RSD	.07829	.59840	.05170	.87304	.64649	.52890	.15952

#1	1.4564	3.7785	.47867	.06938	273.25	.30964	.29626
#2	1.4560	3.8196	.47887	.06990	276.43	.31018	.29718
#3	1.4581	3.8159	.47838	.06869	276.22	.31272	.29654

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.439	.41314	.36255	.30562	2.0832	.68262	.19615
Stddev	.053	.00195	.01813	.00531	.0180	.00088	.00145
%RSD	.39408	.47269	4.9999	1.7389	.86278	.12889	.73732

#1	13.475	.41357	.36488	.31170	2.0692	.68280	.19449
#2	13.378	.41484	.34337	.30336	2.1035	.68167	.19681
#3	13.463	.41100	.37940	.30182	2.0769	.68340	.19715

Sample Name: K2746-02MSD Acquired: 5/9/2019 13:52:50 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-5.8.19M Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20246	5.889	.52238	19.553	F<.00000
Stddev	.00169	.009	.00360	.254	.54729
%RSD	.83351	.1445	.68915	1.2967	53.621

#1	.20053	5.889	.51842	19.359	-1.2636
#2	.20363	5.897	.52546	19.840	-.39396
#3	.20322	5.880	.52326	19.460	-1.4044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.4	44085.	4787.1	70.775	3826.1
Stddev	4.6	178.	22.4	.622	2.2
%RSD	.12957	.40364	.46749	.87829	.05769

#1	3567.2	43909.	4805.1	71.194	3823.6
#2	3564.5	44265.	4762.0	71.071	3827.6
#3	3573.5	44081.	4794.3	70.061	3827.2

Sample Name: K2746-02A Acquired: 5/9/2019 13:57:07 Type: Unk
Method: P4-ICP2(v3104) 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	.77883	1.8863	.95043	1.9886	.78084	1.9423	.50761	.19742
Stddev	.00584	.0093	.00657	.0045	.00279	.0189	.00217	.00036
%RSD	.75025	.49145	.69115	.22570	.35682	.97327	.42844	.18486

#1	.78557	1.8970	.95778	1.9905	.78405	1.9398	.50584	.19705
#2	.77568	1.8808	.94838	1.9834	.77929	1.9623	.51004	.19778
#3	.77523	1.8811	.94512	1.9917	.77917	1.9247	.50697	.19742

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19354	122.99	.39744	.19787	.35151	2.9737	1.4388	3.7461
Stddev	.00090	.16	.00138	.00110	.00080	.0071	.0026	.0373
%RSD	.46493	.13060	.34677	.55664	.22848	.23894	.18100	.99685

#1	.19456	122.84	.39843	.19899	.35222	2.9680	1.4362	3.7237
#2	.19318	122.96	.39586	.19783	.35064	2.9714	1.4387	3.7892
#3	.19288	123.16	.39801	.19679	.35166	2.9816	1.4414	3.7254

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47261	.06864	267.19	.30700	.29275	13.194	.40976	.34074
Stddev	.00291	.00061	1.47	.00060	.00133	.119	.00192	.01602
%RSD	.61525	.88457	.55135	.19491	.45526	.89983	.46915	4.7018

#1	.47593	.06895	267.31	.30642	.29428	13.147	.41099	.35653
#2	.47138	.06903	268.60	.30697	.29214	13.329	.40754	.34117
#3	.47052	.06794	265.66	.30761	.29184	13.106	.41074	.32450

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30099	2.0681	.67147	.19395	.19947	5.822	.51386	19.612
Stddev	.00563	.0132	.01074	.00037	.00101	.057	.00091	.246
%RSD	1.8716	.63921	1.5994	.19270	.50625	.9832	.17737	1.2557

#1	.30418	2.0732	.68387	.19361	.20053	5.884	.51378	19.681
#2	.29449	2.0531	.66508	.19435	.19852	5.771	.51299	19.338
#3	.30431	2.0780	.66546	.19389	.19936	5.810	.51481	19.816

Sample Name: K2746-02A Acquired: 5/9/2019 13:57:07 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.0855
%RSD	140.96

#1	-.08203
#2	-.20678
#3	-2.0215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.1	44589.	4816.5	70.261	3879.8
Stddev	11.9	188.	23.6	.702	22.9
%RSD	.33092	.42185	.48923	.99887	.59102

#1	3595.9	44385.	4794.7	69.599	3860.0
#2	3598.6	44627.	4841.5	70.187	3874.5
#3	3617.8	44756.	4813.2	70.997	3905.0

Sample Name: K2749-02 Acquired: 5/9/2019 14:01:23 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRS-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	-.00423	.00214	.00669	-.00016	.03068	.09207
Stddev	.00171	.00123	.00065	.00231	.00277	.01844	.00063
%RSD	134.76	29.069	30.603	34.507	1716.8	60.094	.68056

#1	.00139	-.00333	.00139	.00411	-.00180	.05103	.09184
#2	-.00050	-.00563	.00261	.00856	-.00172	.02595	.09160
#3	.00292	-.00373	.00241	.00741	.00304	.01507	.09278

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00206	142.56	.00583	.00042	.04059	-.00234
Stddev	.00004	.00003	.43	.00022	.00009	.00053	.00023
%RSD	247.59	1.2680	.29841	3.7020	20.526	1.2938	9.7173

#1	-.00002	.00204	142.07	.00603	.00033	.04091	-.00216
#2	.00002	.00209	142.81	.00585	.00043	.04088	-.00260
#3	.00005	.00204	142.80	.00560	.00050	.03999	-.00227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01900	2.1716	.00080	-.00142	267.40	.00135	.66576
Stddev	.00008	.0324	.00035	.00047	1.18	.00044	.00387
%RSD	.40501	1.4899	44.376	33.054	.44259	32.792	.58140

#1	.01908	2.2025	.00054	-.00111	267.10	.00144	.66633
#2	.01899	2.1380	.00120	-.00196	268.71	.00175	.66163
#3	.01892	2.1743	.00064	-.00118	266.41	.00087	.66931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3357	-.00002	.04853	3.9048	4.3240	-.00397	-.00261
Stddev	.0089	.00011	.00917	.0261	.0078	.00087	.00152
%RSD	.38055	558.95	18.901	.66768	.17935	21.871	58.273

#1	2.3451	-.00008	.05891	3.9056	4.3155	-.00412	-.00108
#2	2.3274	-.00008	.04148	3.8783	4.3259	-.00304	-.00263
#3	2.3347	.00010	.04522	3.9304	4.3307	-.00476	-.00413

Sample Name: K2749-02 Acquired: 5/9/2019 14:01:23 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRS-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01411	.0093	1.7731	21.348	F<.00000
Stddev	.00119	.0013	.0033	.874	.85309
%RSD	8.4410	13.62	.18807	4.0931	12.865
#1	.01292	.0102	1.7693	21.138	-6.6223
#2	.01531	.0079	1.7755	22.307	-7.4885
#3	.01410	.0099	1.7744	20.598	-5.7823
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.1	44660.	4958.4	71.688	3857.0
Stddev	17.4	87.	11.3	.297	21.0
%RSD	.48316	.19397	.22867	.41471	.54485
#1	3614.5	44566.	4956.1	71.880	3841.5
#2	3580.1	44736.	4948.4	71.838	3880.9
#3	3593.5	44678.	4970.7	71.345	3848.6

Sample Name: K2749-04 Acquired: 5/9/2019 14:05:54 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TRS-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00286	.00125	.00276	.00027	.21748	.08019
Stddev	.00260	.00108	.00031	.00325	.00126	.01889	.00047
%RSD	859.89	37.638	24.400	117.75	460.10	8.6861	.58289

#1	-.00304	-.00406	.00105	.00425	-.00003	.23164	.07968
#2	-.00000	-.00197	.00161	-.00097	-.00080	.19603	.08030
#3	.00214	-.00255	.00110	.00501	.00166	.22476	.08060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00029	138.75	.00435	.00002	.00434	-.00068
Stddev	.00004	.00002	.92	.00045	.00005	.00011	.00025
%RSD	133.63	5.8944	.66043	10.270	306.66	2.4249	36.580

#1	-.00002	-.00027	137.76	.00477	.00001	.00441	-.00071
#2	-.00006	-.00031	138.92	.00439	.00007	.00440	-.00091
#3	.00000	-.00030	139.57	.00388	-.00003	.00422	-.00041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.01408	-.00328	-.00152	246.80	.00094	.00475
Stddev	.00002	.03236	.00019	.00032	1.27	.00021	.00009
%RSD	14.988	229.75	5.6388	20.981	.51462	22.439	1.9225

#1	-.00014	-.01871	-.00350	-.00185	247.38	.00080	.00474
#2	-.00018	.04598	-.00320	-.00152	247.68	.00084	.00484
#3	-.00015	.01499	-.00316	-.00121	245.34	.00118	.00466

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1074	.00010	.03464	3.0604	2.0415	-.00329	-.00266
Stddev	.0126	.00017	.00290	.0065	.0061	.00066	.00154
%RSD	.30628	168.47	8.3630	.21279	.30063	20.060	58.050

#1	4.0963	.00011	.03463	3.0677	2.0407	-.00400	-.00177
#2	4.1210	-.00007	.03174	3.0551	2.0358	-.00315	-.00177
#3	4.1048	.00026	.03754	3.0585	2.0480	-.00271	-.00444

Sample Name: K2749-04 Acquired: 5/9/2019 14:05:54 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TRS-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01333	.0036	2.4843	23.752	F<.00000
Stddev	.00157	.0021	.0091	.516	.91038
%RSD	11.793	59.02	.36545	2.1735	14.421
#1	.01312	.0013	2.4739	24.041	-6.8120
#2	.01499	.0040	2.4882	24.059	-6.8646
#3	.01187	.0055	2.4908	23.156	-5.2621
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.6	44679.	4917.9	69.325	3868.9
Stddev	11.5	74.	15.6	1.059	32.1
%RSD	.32087	.16461	.31732	1.5276	.83001
#1	3575.3	44686.	4923.0	68.109	3836.7
#2	3597.5	44749.	4930.3	69.817	3900.9
#3	3581.1	44603.	4900.4	70.048	3869.0

Sample Name: K2749-06 Acquired: 5/9/2019 14:10:26 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FR-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00368	.00151	-.00067	.00037	.03046	.09900
Stddev	.00168	.00211	.00117	.00251	.00152	.02537	.00134
%RSD	178.57	57.239	77.653	376.05	410.04	83.279	1.3554

#1	-.00149	-.00574	.00110	.00075	-.00121	.04651	.09997
#2	.00095	-.00379	.00060	-.00356	.00050	.04366	.09957
#3	-.00228	-.00153	.00284	.00081	.00182	.00122	.09747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00008	137.40	.00732	.00000	.00180	.00031
Stddev	.00003	.00006	.74	.00042	.00026	.00043	.00054
%RSD	72.445	76.101	.53785	5.7976	7132.1	23.695	175.00

#1	.00001	-.00013	136.55	.00700	.00031	.00217	.00073
#2	.00007	-.00001	137.90	.00716	-.00014	.00189	-.00030
#3	.00004	-.00008	137.74	.00780	-.00016	.00133	.00050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00762	3.2682	-.00062	-.00172	248.65	.00128	.02063
Stddev	.00010	.0303	.00033	.00017	1.14	.00036	.00029
%RSD	1.2561	.92745	53.158	10.150	.45906	27.833	1.4208

#1	.00756	3.2363	-.00099	-.00192	249.74	.00144	.02042
#2	.00756	3.2966	-.00036	-.00160	248.74	.00153	.02052
#3	.00773	3.2718	-.00051	-.00164	247.47	.00087	.02097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0256	.00022	.03689	3.4668	4.5488	-.00251	-.00158
Stddev	.0238	.00003	.00715	.0117	.0471	.00122	.00082
%RSD	2.3156	14.555	19.377	.33692	1.0357	48.605	51.737

#1	1.0007	.00020	.04410	3.4692	4.5165	-.00260	-.00164
#2	1.0480	.00020	.03675	3.4541	4.5270	-.00368	-.00073
#3	1.0280	.00025	.02981	3.4770	4.6028	-.00125	-.00236

Sample Name: K2749-06 Acquired: 5/9/2019 14:10:26 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FR-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01303	.0083	.73281	22.858	F<.00000
Stddev	.00113	.0004	.00390	.660	1.6458
%RSD	8.7012	4.431	.53165	2.8864	34.607
#1	.01329	.0084	.72831	23.617	-6.0788
#2	.01402	.0079	.73520	22.538	-2.9128
#3	.01179	.0085	.73491	22.420	-5.2752
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.9	44373.	4888.0	70.963	3891.2
Stddev	26.3	124.	16.0	1.885	40.3
%RSD	.72691	.27917	.32785	2.6565	1.0364
#1	3587.3	44407.	4905.5	71.149	3845.0
#2	3625.9	44236.	4884.4	68.992	3909.4
#3	3637.5	44477.	4874.0	72.748	3919.3

Sample Name: K2750-05 Acquired: 5/9/2019 14:14:57 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 72-11995 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00290	-.00281	-.00035	.00184	.00205	.05780	.05270	.00001
Stddev	.00094	.00208	.00051	.00197	.00059	.00804	.00049	.00002
%RSD	32.422	74.227	145.45	106.86	28.943	13.915	.93846	124.16

#1	-.00197	-.00326	-.00050	-.00021	.00272	.04871	.05327	.00003
#2	-.00288	-.00053	-.00078	.00203	.00183	.06397	.05236	-.00001
#3	-.00385	-.00463	.00022	.00370	.00159	.06073	.05248	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	4.3291	.00053	.00013	.01140	.05707	.15394	.40651
Stddev	.00012	.0110	.00026	.00004	.00003	.00053	.00070	.03810
%RSD	111.46	.25434	48.412	30.499	.23881	.92568	.45195	9.3723

#1	.00020	4.3406	.00073	.00013	.01140	.05738	.15417	.39449
#2	-.00003	4.3280	.00062	.00009	.01137	.05738	.15316	.37587
#3	.00014	4.3187	.00024	.00018	.01142	.05646	.15449	.44917

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00039	239.43	.00032	.10467	.31557	.00031	-.00249
Stddev	.00033	.00057	1.74	.00015	.00025	.02646	.00025	.02219
%RSD	96.146	145.82	.72559	47.443	.23917	8.3838	79.737	890.28

#1	.00057	.00001	237.76	.00015	.10469	.29565	.00050	.01875
#2	.00049	-.00105	239.31	.00039	.10441	.34559	.00003	-.02552
#3	-.00003	-.00014	241.22	.00043	.10491	.30548	.00041	-.00070

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12211	.79237	-.00291	.00342	.00258	.0998	.01983	13.767
Stddev	.00154	.00380	.00048	.00098	.00045	.0025	.00003	.109
%RSD	1.2607	.47899	16.567	28.786	17.298	2.504	.12930	.79464

#1	.12324	.79480	-.00322	.00231	.00208	.1014	.01981	13.683
#2	.12274	.79432	-.00235	.00373	.00294	.0969	.01986	13.891
#3	.12036	.78800	-.00315	.00420	.00272	.1011	.01981	13.727

Sample Name: K2750-05 Acquired: 5/9/2019 14:14:57 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 72-11995 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.5176
 %RSD 184.16

#1 -.36280
 #2 .40939
 #3 -2.5188

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.9	46430.	5134.8	76.383	4082.0
Stddev	12.0	54.	12.8	1.213	7.6
%RSD	.32030	.11727	.24851	1.5875	.18532

#1	3750.5	46367.	5128.1	77.067	4080.1
#2	3774.5	46457.	5126.8	74.983	4090.3
#3	3760.9	46465.	5149.5	77.100	4075.5

Sample Name: K2751-02 Acquired: 5/9/2019 14:19:30 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	-.00340	.00079	.00202	.00173	.29809	.31244
Stddev	.00214	.00145	.00067	.00177	.00097	.00745	.00048
%RSD	83.201	42.504	84.830	87.660	56.103	2.4998	.15289

#1	-.00501	-.00423	.00157	.00024	.00201	.29210	.31209
#2	-.00176	-.00173	.00044	.00378	.00065	.29573	.31226
#3	-.00096	-.00424	.00037	.00203	.00252	.30644	.31299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00535	14.473	.00318	.01354	.12335	12.953
Stddev	.00002	.00012	.024	.00044	.00014	.00108	.035
%RSD	4.3683	2.2516	.16720	13.853	.99727	.87499	.26864

#1	.00054	.00546	14.448	.00269	.01344	.12427	12.925
#2	.00054	.00536	14.496	.00354	.01369	.12216	12.943
#3	.00050	.00522	14.474	.00330	.01349	.12361	12.992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29794	11.209	.01283	-.00094	235.70	.00183	.57813
Stddev	.00064	.179	.00020	.00012	1.52	.00063	.00231
%RSD	.21432	1.5999	1.5249	12.836	.64610	34.171	.39894

#1	.29721	11.289	.01305	-.00101	236.96	.00210	.58049
#2	.29833	11.333	.01279	-.00080	234.01	.00228	.57802
#3	.29830	11.003	.01267	-.00102	236.13	.00112	.57588

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6634	.00104	.07594	.55330	4.0221	-.00169	.00768
Stddev	.0551	.00020	.00146	.00553	.0353	.00053	.00142
%RSD	1.1808	19.428	1.9202	.99966	.87820	31.156	18.522

#1	4.6697	.00115	.07763	.55886	4.0039	-.00129	.00838
#2	4.7150	.00117	.07513	.54779	3.9997	-.00228	.00604
#3	4.6054	.00081	.07507	.55326	4.0628	-.00150	.00862

Sample Name: K2751-02 Acquired: 5/9/2019 14:19:30 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02791	.0408	.07281	10.640	F<.00000
Stddev	.00093	.0003	.00024	1.039	.52380
%RSD	3.3489	.6468	.33380	9.7665	44.038

#1	.02692	.0411	.07305	9.8078	-.62652
#2	.02877	.0408	.07281	11.805	-1.6625
#3	.02804	.0405	.07256	10.309	-1.2792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.6	46224.	5088.8	73.543	4046.8
Stddev	15.9	102.	24.8	.573	19.6
%RSD	.42469	.22167	.48657	.77945	.48551

#1	3729.8	46158.	5112.2	73.971	4029.8
#2	3745.3	46172.	5091.2	72.892	4042.3
#3	3761.6	46342.	5062.9	73.767	4068.3

Sample Name: K2754-06 Acquired: 5/9/2019 14:23:59 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C-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	-.00334	-.00379	-.00015	.00074	.00062	.13685	.07926	-.00000
Stddev	.00110	.00025	.00137	.00030	.00060	.01064	.00004	.00007
%RSD	32.880	6.5405	885.71	40.588	95.247	7.7762	.05499	2722.3

#1	-.00285	-.00406	-.00093	.00108	.00016	.14855	.07925	-.00006
#2	-.00460	-.00357	-.00096	.00063	.00042	.12774	.07931	-.00002
#3	-.00257	-.00373	.00143	.00051	.00130	.13427	.07923	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	4.7899	.00074	.00145	.00886	.11206	.26226	.81176
Stddev	.00007	.0257	.00015	.00023	.00043	.00023	.00023	.04583
%RSD	123.23	.53715	20.214	15.708	4.8015	.20347	.08723	5.6456

#1	.00008	4.7602	.00057	.00145	.00903	.11212	.26213	.76345
#2	.00010	4.8058	.00085	.00168	.00918	.11225	.26213	.85462
#3	-.00002	4.8036	.00081	.00123	.00838	.11181	.26252	.81721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00080	-.00069	243.50	-.00073	.01343	.64899	.00004	.03430
Stddev	.00022	.00057	1.66	.00028	.00015	.04085	.00005	.00469
%RSD	27.192	82.263	.68190	37.901	1.1246	6.2942	117.14	13.686

#1	-.00089	-.00112	242.81	-.00104	.01360	.60187	.00009	.02899
#2	-.00055	-.00004	245.40	-.00050	.01332	.67068	.00002	.03789
#3	-.00095	-.00092	242.30	-.00066	.01337	.67441	.00001	.03602

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10127	1.0530	-.00307	.00785	.00358	.0035	.03319	11.715
Stddev	.00071	.0046	.00102	.00193	.00193	.0020	.00005	.446
%RSD	.69826	.43818	33.222	24.548	53.956	56.38	.16365	3.8031

#1	.10047	1.0485	-.00191	.00936	.00482	.0018	.03318	11.661
#2	.10152	1.0528	-.00382	.00568	.00135	.0030	.03325	12.185
#3	.10182	1.0577	-.00350	.00851	.00457	.0056	.03314	11.299

Sample Name: K2754-06 Acquired: 5/9/2019 14:23:59 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .93632
 %RSD 134.21

#1 -1.7732
 #2 -.06476
 #3 -.25499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3774.1	46329.	5058.2	73.011	4086.1
Stddev	12.3	29.	15.6	1.539	19.2
%RSD	.32550	.06294	.30814	2.1083	.47000

#1	3763.6	46341.	5075.9	71.725	4072.0
#2	3771.1	46296.	5052.2	74.717	4078.4
#3	3787.6	46350.	5046.6	72.592	4108.0

Sample Name: K2754-08 Acquired: 5/9/2019 14:28:33 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C-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	-.00114	-.00350	-.00167	.00019	.00156	.13509	.08295	.00009
Stddev	.00292	.00054	.00091	.00131	.00058	.00877	.00018	.00003
%RSD	255.12	15.536	54.446	679.43	37.142	6.4948	.22277	38.293

#1	-.00444	-.00397	-.00270	-.00039	.00202	.14280	.08303	.00005
#2	-.00009	-.00290	-.00132	.00170	.00091	.13693	.08308	.00010
#3	.00110	-.00363	-.00099	-.00073	.00174	.12555	.08274	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	4.7082	.00037	.00156	.00603	.11049	.29173	.81578
Stddev	.00005	.0112	.00047	.00032	.00030	.00107	.00034	.03157
%RSD	81.890	.23700	125.48	20.498	4.9377	.96595	.11802	3.8700

#1	-.00006	4.7041	.00069	.00179	.00596	.11132	.29154	.77955
#2	-.00002	4.7208	.00059	.00169	.00636	.11086	.29213	.83040
#3	-.00012	4.6997	-.00016	.00119	.00578	.10928	.29153	.83739

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	-.00066	253.45	-.00043	.01366	.58346	.00038	.04055
Stddev	.00001	.00007	1.80	.00029	.00004	.00780	.00035	.00316
%RSD	.69104	11.157	.71150	66.021	.27810	1.3363	93.877	7.8037

#1	-.00095	-.00061	252.16	-.00013	.01371	.58682	.00012	.03784
#2	-.00096	-.00075	255.51	-.00047	.01363	.58902	.00023	.04403
#3	-.00096	-.00063	252.69	-.00070	.01365	.57455	.00078	.03980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12532	1.1950	-.00216	.01046	.00303	.0033	.03092	16.106
Stddev	.00346	.0058	.00122	.00114	.00066	.0013	.00009	.328
%RSD	2.7582	.48400	56.479	10.929	21.622	38.96	.27828	2.0353

#1	.12521	1.1885	-.00155	.01022	.00236	.0020	.03082	16.360
#2	.12882	1.1996	-.00136	.00946	.00367	.0047	.03099	15.736
#3	.12191	1.1968	-.00356	.01170	.00306	.0033	.03095	16.223

Sample Name: K2754-08 Acquired: 5/9/2019 14:28:33 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.1495
 %RSD 134.56

#1 -1.9492
 #2 .34297
 #3 -.95652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3762.7	46564.	5131.7	73.414	4068.3
Stddev	6.0	190.	21.4	1.265	6.7
%RSD	.15944	.40893	.41684	1.7228	.16401

#1	3755.9	46345.	5145.4	72.817	4061.7
#2	3764.9	46688.	5142.7	72.558	4075.1
#3	3767.2	46660.	5107.0	74.867	4068.2

Sample Name: K2751-04 Acquired: 5/9/2019 14:33:07 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.01005	-.00108	.00433	.00111	.00813	.05492
Stddev	.00009	.00113	.00048	.00206	.00093	.00379	.00059
%RSD	6.5860	11.246	44.861	47.510	83.253	46.640	1.0797

#1	-.00136	-.00915	-.00055	.00616	.00093	.01222	.05453
#2	-.00135	-.00968	-.00118	.00210	.00029	.00473	.05463
#3	-.00152	-.01132	-.00151	.00472	.00212	.00744	.05560

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00020	8.1891	-.00023	.00040	.00170	1.5271
Stddev	.00007	.00002	.0422	.00005	.00022	.00032	.0170
%RSD	91.364	12.037	.51540	22.576	55.966	19.065	1.1130

#1	.00015	-.00020	8.1747	-.00029	.00066	.00183	1.5451
#2	.00003	-.00017	8.1559	-.00020	.00030	.00194	1.5250
#3	.00004	-.00022	8.2366	-.00020	.00024	.00133	1.5113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10551	1.1413	-.00128	-.00008	568.49	.00009	.06726
Stddev	.00074	.0455	.00041	.00037	6.03	.00045	.00026
%RSD	.70448	3.9851	31.701	495.29	1.0616	489.06	.38960

#1	.10636	1.1012	-.00084	-.00024	569.34	-.00042	.06707
#2	.10498	1.1320	-.00135	.00035	574.05	.00026	.06756
#3	.10519	1.1907	-.00165	-.00034	562.07	.00044	.06714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.234	.00066	.09533	3.4525	.18778	-.00346	.00170
Stddev	.117	.00014	.01629	.0165	.00304	.00015	.00062
%RSD	.52591	21.876	17.087	.47755	1.6216	4.4584	36.105

#1	22.122	.00069	.10930	3.4398	.19127	-.00328	.00129
#2	22.225	.00078	.07744	3.4464	.18639	-.00353	.00241
#3	22.355	.00050	.09925	3.4711	.18567	-.00357	.00141

Sample Name: K2751-04 Acquired: 5/9/2019 14:33:07 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00655	2.245	.06087	24.744	F<.00000
Stddev	.00143	.008	.00013	.685	.95499
%RSD	21.849	.3707	.21061	2.7668	21.840

#1	.00514	2.239	.06084	23.999	-4.7832
#2	.00650	2.243	.06101	25.346	-3.2810
#3	.00800	2.255	.06076	24.886	-5.0537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.6	44349.	5002.5	73.185	3822.7
Stddev	11.4	73.	29.9	.478	10.2
%RSD	.31781	.16440	.59811	.65290	.26557

#1	3597.3	44305.	4974.3	72.646	3832.7
#2	3613.3	44434.	4999.2	73.556	3823.2
#3	3591.2	44310.	5033.9	73.354	3812.4

Sample Name: CCV03 Acquired: 5/9/2019 14:37:37 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14937 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0226	5.1240	4.9662	5.0714	4.9769	9.5872	9.8951	.25131
Stddev	.0051	.0087	.0059	.0016	.0049	.0291	.0268	.00093
%RSD	.10114	.17023	.11908	.03088	.09877	.30328	.27097	.37107
#1	5.0282	5.1333	4.9620	5.0704	4.9719	9.5690	9.8710	.25032
#2	5.0184	5.1226	4.9637	5.0707	4.9817	9.5719	9.8903	.25143
#3	5.0211	5.1161	4.9730	5.0732	4.9771	9.6207	9.9240	.25218
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4947	25.235	.99236	2.5043	1.2426	5.0307	2.5457	24.846
Stddev	.0012	.042	.00345	.0041	.0042	.0077	.0058	.241
%RSD	.04941	.16770	.34748	.16365	.33645	.15369	.22931	.97151
#1	2.4958	25.244	.99083	2.5089	1.2439	5.0309	2.5391	24.590
#2	2.4950	25.189	.98993	2.5031	1.2379	5.0228	2.5477	24.878
#3	2.4934	25.272	.99630	2.5010	1.2460	5.0383	2.5502	25.069
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4351	1.2378	24.416	2.5110	2.4880	24.989	5.0579	5.0075
Stddev	.0031	.0039	.119	.0031	.0021	.044	.0049	.0429
%RSD	.12747	.31556	.48629	.12316	.08430	.17789	.09715	.85598
#1	2.4387	1.2384	24.318	2.5080	2.4904	24.976	5.0634	4.9659
#2	2.4333	1.2336	24.383	2.5108	2.4865	24.952	5.0542	5.0050
#3	2.4332	1.2413	24.548	2.5142	2.4870	25.038	5.0560	5.0515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0479	4.8720	5.0089	4.9808	4.6825	5.126	4.9949	F 14.123
Stddev	.0103	.0313	.0047	.0087	.0373	.009	.0290	.573
%RSD	.20334	.64220	.09302	.17502	.79603	.1714	.58147	4.0579
#1	5.0500	4.9080	5.0135	4.9886	4.7223	5.130	5.0280	13.658
#2	5.0367	4.8510	5.0042	4.9714	4.6769	5.115	4.9830	14.764
#3	5.0569	4.8571	5.0092	4.9825	4.6483	5.131	4.9737	13.948

Sample Name: CCV03 Acquired: 5/9/2019 14:37:37 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14937 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1637
Stddev	1.2806
%RSD	110.05

#1	-.14130
#2	2.4185
#3	1.2138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3869.4	48041.	5205.6	72.770	4123.9
Stddev	6.6	107.	35.9	.841	10.2
%RSD	.17004	.22276	.68977	1.1555	.24691

#1	3863.1	47987.	5164.2	73.703	4112.3
#2	3876.2	48164.	5223.4	72.070	4131.3
#3	3868.9	47972.	5229.1	72.536	4128.2

Sample Name: CCB03 Acquired: 5/9/2019 14:41:35 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14937 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	.00127	-.00048	.00146	.00148	-.01175	.00082	.00001
Stddev	.00060	.00150	.00074	.00214	.00108	.00227	.00037	.00003
%RSD	61.584	117.85	154.97	146.47	73.153	19.290	44.772	481.50
#1	-.00097	.00240	.00027	-.00072	.00263	-.01302	.00076	-.00003
#2	-.00038	.00183	-.00120	.00355	.00130	-.00914	.00121	.00003
#3	-.00159	-.00043	-.00050	.00154	.00049	-.01310	.00048	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00275	-.00012	.00024	-.00144	-.00129	-.00000	-.03612
Stddev	.00008	.01435	.00012	.00006	.00034	.00031	.00003	.01947
%RSD	61.225	522.34	99.336	23.740	23.385	24.060	660.36	53.904
#1	.00014	.01869	-.00005	.00029	-.00142	-.00135	-.00000	-.05518
#2	.00019	-.00133	-.00005	.00025	-.00112	-.00156	-.00004	-.03690
#3	.00004	-.00912	-.00025	.00018	-.00179	-.00095	.00003	-.01627
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	-.00019	.00536	.00037	-.00093	-.08317	.00057	.00574
Stddev	.00043	.00024	.00581	.00029	.00008	.01714	.00039	.00418
%RSD	89.039	122.13	108.33	77.858	8.3672	20.608	69.116	72.842
#1	-.00001	-.00021	.01190	.00004	-.00086	-.06630	.00088	.00099
#2	-.00060	.00005	.00343	.00053	-.00093	-.10057	.00013	.00736
#3	-.00084	-.00042	.00077	.00053	-.00102	-.08265	.00069	.00886
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	-.00095	-.00016	.00178	.00062	-.0020	.00004	F 5.7965
Stddev	.00106	.00270	.00032	.00027	.00013	.0007	.00003	.8724
%RSD	72.501	283.31	201.95	15.319	20.592	35.12	88.418	15.050
#1	.00239	.00208	.00021	.00161	.00069	-.0015	-.00000	4.8994
#2	.00031	-.00309	-.00040	.00209	.00071	-.0028	.00006	6.6418
#3	.00169	-.00185	-.00029	.00163	.00048	-.0017	.00005	5.8484

Sample Name: CCB03 Acquired: 5/9/2019 14:41:35 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14937 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3859
Stddev .4970
%RSD 20.831

#1 2.2987
#2 1.9383
#3 2.9207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.7	50020.	5237.2	77.317	4660.4
Stddev	11.5	158.	29.1	1.368	13.3
%RSD	.28484	.31579	.55562	1.7695	.28605

#1	4038.4	49841.	5222.0	75.850	4645.7
#2	4056.7	50078.	5218.9	77.542	4663.8
#3	4059.8	50140.	5270.8	78.558	4671.7

Sample Name: K2751-04DUP Acquired: 5/9/2019 14:46:03 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00858	-.00116	.00333	.00032	.00760	.05401
Stddev	.00206	.00047	.00069	.00225	.00189	.01770	.00021
%RSD	336.02	5.5244	59.372	67.480	595.21	233.04	.39784

#1	.00237	-.00912	-.00191	.00276	-.00172	.00891	.05382
#2	.00112	-.00823	-.00054	.00142	.00066	-.01073	.05396
#3	-.00165	-.00840	-.00105	.00580	.00201	.02461	.05424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00015	7.9236	-.00048	.00009	.00175	1.5134
Stddev	.00011	.00008	.0599	.00057	.00038	.00008	.0211
%RSD	343.82	53.689	.75648	118.11	395.58	4.7418	1.3939

#1	-.00005	-.00012	7.9675	.00009	.00037	.00167	1.4891
#2	-.00001	-.00008	7.8553	-.00049	-.00033	.00176	1.5252
#3	.00016	-.00023	7.9479	-.00105	.00024	.00183	1.5260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10389	1.0719	-.00130	-.00047	561.53	.00032	.06424
Stddev	.00124	.0435	.00023	.00039	2.09	.00037	.00038
%RSD	1.1957	4.0561	17.996	83.771	.37289	115.20	.58895

#1	.10254	1.0258	-.00120	-.00006	560.47	.00051	.06387
#2	.10417	1.1121	-.00156	-.00084	563.94	.00055	.06463
#3	.10497	1.0777	-.00113	-.00051	560.17	-.00010	.06424

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.863	.00031	.11234	3.3993	.17920	-.00236	-.00057
Stddev	.069	.00033	.01246	.0090	.00209	.00076	.00052
%RSD	.31376	106.26	11.090	.26445	1.1651	32.380	91.326

#1	21.785	.00068	.11947	3.4061	.18098	-.00148	-.00087
#2	21.889	.00004	.09796	3.3891	.17691	-.00285	-.00088
#3	21.915	.00022	.11960	3.4028	.17972	-.00275	.00003

Sample Name: K2751-04DUP Acquired: 5/9/2019 14:46:03 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00455	2.240	.05938	21.729	F<.00000
Stddev	.00208	.003	.00069	1.620	1.1992
%RSD	45.689	.1310	1.1651	7.4533	29.961

#1	.00265	2.243	.05989	22.455	-2.6529
#2	.00422	2.238	.05859	22.859	-4.4083
#3	.00677	2.239	.05964	19.874	-4.9459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.1	44013.	5032.5	72.933	3834.2
Stddev	10.4	147.	28.2	1.486	18.2
%RSD	.28858	.33451	.55939	2.0381	.47559

#1	3603.2	44182.	5002.2	74.253	3821.4
#2	3587.3	43950.	5057.8	71.323	3855.1
#3	3606.8	43908.	5037.5	73.224	3826.1

Sample Name: K2751-04LX5 Acquired: 5/9/2019 14:50:34 Type: Unk
Method: P4-ICP2(v3104) 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	-.00037	-.00077	-.00095	.00152	.00013	-.00949	.01121	.00001
Stddev	.00145	.00066	.00038	.00302	.00091	.00606	.00008	.00006
%RSD	397.27	85.227	39.664	198.67	675.01	63.821	.72423	539.59

#1	.00101	-.00097	-.00061	.00303	-.00068	-.01429	.01121	.00008
#2	-.00189	-.00132	-.00135	.00348	.00111	-.00268	.01130	-.00004
#3	-.00022	-.00004	-.00088	-.00196	-.00002	-.01151	.01113	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	1.6969	-.00002	.00025	-.00024	.32005	.02173	.16743
Stddev	.00003	.0172	.00034	.00021	.00025	.00155	.00016	.02175
%RSD	102.14	1.0112	1473.3	84.851	104.89	.48576	.75145	12.991

#1	.00005	1.6963	-.00006	.00003	-.00034	.31918	.02171	.16213
#2	-.00001	1.7143	.00034	.00026	.00005	.31912	.02158	.14882
#3	.00004	1.6800	-.00034	.00046	-.00043	.32184	.02191	.19134

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00007	115.87	.00033	.01311	4.3501	.00030	.03293
Stddev	.00024	.00019	.43	.00035	.00007	.0100	.00018	.00951
%RSD	17.022	274.79	.37022	104.13	.50667	.22887	60.171	28.886

#1	-.00150	-.00028	116.36	-.00001	.01308	4.3473	.00042	.04350
#2	-.00115	-.00003	115.70	.00032	.01306	4.3417	.00009	.03025
#3	-.00161	.00010	115.56	.00069	.01318	4.3611	.00040	.02505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68887	.04152	-.00148	.00016	.00406	.4419	.01268	13.741
Stddev	.00802	.00122	.00044	.00076	.00170	.0039	.00018	.402
%RSD	1.1636	2.9478	29.956	462.01	41.892	.8729	1.3921	2.9244

#1	.69259	.04151	-.00098	-.00065	.00448	.4461	.01288	14.198
#2	.69436	.04030	-.00181	.00031	.00551	.4412	.01261	13.579
#3	.67967	.04275	-.00166	.00084	.00219	.4384	.01255	13.444

Sample Name: K2751-04LX5 Acquired: 5/9/2019 14:50:34 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .96612
Stddev 1.0176
%RSD 105.33

#1 2.1315
#2 .25290
#3 .51397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.3	47274.	5132.5	76.172	4232.7
Stddev	3.3	241.	26.6	.646	6.7
%RSD	.08724	.51001	.51778	.84761	.15809

#1	3838.9	47167.	5121.9	75.515	4225.2
#2	3839.5	47106.	5112.9	76.805	4238.1
#3	3833.4	47550.	5162.8	76.196	4234.7

Sample Name: K2751-04MS Acquired: 5/9/2019 14:55:03 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79263	1.8907	.94472	2.1077	.75836	1.9642	.26279	.19510
Stddev	.00604	.0037	.00228	.0057	.00193	.0195	.00216	.00068
%RSD	.76205	.19688	.24174	.27204	.25399	.99112	.82381	.34976

#1	.79309	1.8928	.94506	2.1011	.75701	1.9737	.26502	.19452
#2	.79843	1.8930	.94681	2.1113	.76057	1.9770	.26267	.19492
#3	.78638	1.8864	.94228	2.1107	.75750	1.9418	.26069	.19585

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19671	9.9285	.40591	.19812	.29277	4.6338	.31183	3.1443
Stddev	.00075	.0448	.00226	.00029	.00048	.0114	.00131	.0578
%RSD	.38250	.45123	.55756	.14866	.16430	.24556	.42138	1.8369

#1	.19704	9.8769	.40416	.19825	.29330	4.6242	.31031	3.2109
#2	.19725	9.9507	.40509	.19833	.29236	4.6463	.31259	3.1131
#3	.19585	9.9579	.40846	.19778	.29264	4.6309	.31259	3.1089

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47866	.06901	607.26	.31068	.27039	34.042	.39744	.38851
Stddev	.00133	.00101	8.41	.00106	.00085	.124	.00113	.02078
%RSD	.27722	1.4645	1.3846	.34215	.31363	.36431	.28496	5.3499

#1	.47991	.06897	600.09	.30957	.27074	34.064	.39618	.36457
#2	.47882	.07003	605.16	.31078	.27102	34.154	.39777	.39903
#3	.47727	.06801	616.51	.31169	.26943	33.909	.39838	.40193

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5644	1.0343	.67620	.19621	.19979	8.356	.26053	18.407
Stddev	.0096	.0072	.00211	.00154	.00113	.010	.00055	.967
%RSD	.26998	.69195	.31219	.78251	.56475	.1230	.21150	5.2532

#1	3.5586	1.0263	.67595	.19445	.19889	8.363	.26027	18.700
#2	3.5755	1.0403	.67842	.19698	.20105	8.362	.26116	17.327
#3	3.5590	1.0362	.67423	.19722	.19942	8.345	.26015	19.194

Sample Name: K2751-04MS Acquired: 5/9/2019 14:55:03 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.96864
%RSD	767.31

#1	.77631
#2	-1.1496
#3	-.00539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.7	43407.	4796.7	68.731	3803.6
Stddev	12.9	121.	10.0	2.284	16.1
%RSD	.35956	.27807	.20882	3.3226	.42405

#1	3590.9	43268.	4802.7	70.303	3790.3
#2	3572.2	43481.	4802.2	69.780	3799.0
#3	3597.0	43472.	4785.1	66.112	3821.6

Sample Name: K2751-04MSD Acquired: 5/9/2019 14:59:17 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78492	1.8703	.93791	2.0771	.74709	1.9535	.25940	.19343
Stddev	.00528	.0083	.00471	.0034	.00228	.0186	.00101	.00100
%RSD	.67274	.44641	.50168	.16604	.30503	.95346	.38906	.51590

#1	.78030	1.8617	.93395	2.0753	.74461	1.9749	.26049	.19457
#2	.78379	1.8784	.94311	2.0749	.74910	1.9410	.25849	.19275
#3	.79068	1.8709	.93666	2.0811	.74756	1.9446	.25923	.19296

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19471	9.8931	.40184	.19646	.28779	4.5893	.30964	3.1419
Stddev	.00013	.1098	.00234	.00037	.00059	.0190	.00145	.0669
%RSD	.06661	1.1094	.58182	.18764	.20448	.41442	.46862	2.1276

#1	.19457	9.7675	.40322	.19638	.28713	4.6062	.31047	3.1882
#2	.19482	9.9412	.39914	.19687	.28828	4.5687	.30797	3.0653
#3	.19473	9.9706	.40317	.19614	.28795	4.5928	.31049	3.1722

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47307	.06904	592.40	.30751	.26785	33.474	.39402	.40946
Stddev	.00138	.00055	2.12	.00153	.00025	.157	.00128	.00464
%RSD	.29225	.79907	.35742	.49903	.09159	.46904	.32581	1.1333

#1	.47158	.06953	594.83	.30794	.26767	33.410	.39263	.41452
#2	.47331	.06915	591.36	.30580	.26775	33.359	.39429	.40845
#3	.47431	.06844	590.99	.30878	.26813	33.653	.39515	.40540

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5361	1.0210	.66877	.19547	.20206	8.271	.25810	19.347
Stddev	.0110	.0010	.00358	.00050	.00134	.011	.00203	1.285
%RSD	.31214	.10152	.53600	.25756	.66107	.1284	.78778	6.6412

#1	3.5370	1.0199	.66478	.19552	.20109	8.260	.25575	19.087
#2	3.5466	1.0220	.67170	.19595	.20358	8.270	.25930	18.212
#3	3.5246	1.0210	.66984	.19494	.20149	8.281	.25925	20.742

Sample Name: K2751-04MSD Acquired: 5/9/2019 14:59:17 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.62958
%RSD	415.55

#1	.36590
#2	.03205
#3	-.85247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3631.0	43791.	4804.2	69.779	3838.9
Stddev	13.7	259.	11.3	.555	14.1
%RSD	.37826	.59237	.23608	.79524	.36839

#1	3625.8	43494.	4815.1	69.553	3832.5
#2	3620.6	43968.	4792.5	70.411	3829.0
#3	3646.6	43912.	4805.0	69.372	3855.1

Sample Name: K2751-04A Acquired: 5/9/2019 15:03:31 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79176	1.8909	.95054	2.0878	.75866	1.9450	.25998	.19449	.19719
Stddev	.00608	.0081	.00793	.0103	.00455	.0126	.00346	.00064	.00173
%RSD	.76846	.42940	.83475	.49274	.59934	.64587	1.3316	.32748	.87665

#1	.78857	1.8836	.94390	2.0818	.75375	1.9307	.25602	.19504	.19544
#2	.78793	1.8895	.94840	2.0997	.75952	1.9500	.26243	.19463	.19723
#3	.79877	1.8997	.95933	2.0820	.76272	1.9543	.26149	.19379	.19890

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9496	.40240	.19927	.29085	4.6052	.31120	3.1152	.47775	.06893
Stddev	.0866	.00315	.00089	.00191	.0064	.00080	.0796	.00401	.00121
%RSD	.87003	.78354	.44555	.65831	.13943	.25587	2.5562	.83902	1.7489

#1	9.8898	.40205	.19828	.28889	4.5979	.31082	3.0312	.47347	.07014
#2	9.9102	.39944	.19954	.29095	4.6075	.31067	3.1249	.47837	.06773
#3	10.049	.40572	.19999	.29272	4.6101	.31211	3.1896	.48141	.06891

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	595.60	.30980	.27259	33.670	.39779	.40112	3.6306	1.0205	.68002
Stddev	5.91	.00120	.00229	.179	.00311	.01874	.0374	.0088	.00673
%RSD	.99163	.38722	.84135	.53158	.78209	4.6723	1.0295	.86151	.99002

#1	588.80	.31014	.27060	33.468	.39432	.38623	3.5975	1.0291	.67403
#2	599.42	.30847	.27207	33.809	.40034	.42217	3.6232	1.0115	.67874
#3	598.58	.31079	.27510	33.733	.39871	.39497	3.6712	1.0210	.68731

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19505	.19937	8.374	.25649	20.883	.75687			
Stddev	.00444	.00226	.070	.00088	.742	.83448			
%RSD	2.2769	1.1326	.8422	.34353	3.5526	110.25			

#1	.19294	.19739	8.302	.25740	21.156	-.10739			
#2	.19205	.19889	8.378	.25564	20.043	.82001			
#3	.20015	.20183	8.443	.25642	21.449	1.5580			

Sample Name: K2751-04A Acquired: 5/9/2019 15:03:31 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.1	43702.	4816.2	71.159	3797.4
Stddev	18.4	133.	40.3	1.697	13.4
%RSD	.51056	.30434	.83648	2.3853	.35314
#1	3610.2	43551.	4774.2	69.630	3812.8
#2	3587.3	43754.	4854.5	70.861	3790.4
#3	3623.7	43801.	4820.0	72.985	3788.9

Sample Name: K2751-18 Acquired: 5/9/2019 15:07:43 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-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	-.00393	-.00126	-.00500	.00655	-.00069	.00671	.14627	.00017
Stddev	.00037	.00189	.00019	.00278	.00180	.01074	.00058	.00002
%RSD	9.3068	149.40	3.8046	42.507	259.43	160.07	.39759	12.533

#1	-.00427	-.00010	-.00510	.00735	-.00239	.00666	.14560	.00018
#2	-.00354	-.00344	-.00478	.00884	.00119	-.00401	.14663	.00014
#3	-.00397	-.00025	-.00513	.00345	-.00088	.01748	.14658	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	38.929	-.00256	.00062	.02001	22.732	.31799	2.6424
Stddev	.00006	.145	.00022	.00021	.00017	.034	.00057	.0501
%RSD	5.3649	.37281	8.5565	34.068	.84684	.15078	.17913	1.8947

#1	-.00112	38.772	-.00231	.00078	.01982	22.697	.31741	2.5900
#2	-.00101	38.957	-.00264	.00070	.02015	22.735	.31802	2.6898
#3	-.00103	39.059	-.00272	.00038	.02005	22.765	.31855	2.6473

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00191	10.869	-.00056	.05981	1.0960	.00107	.11130
Stddev	.00044	.00048	.097	.00073	.00052	.0189	.00013	.02493
%RSD	18.023	24.995	.89603	130.67	.87233	1.7258	12.637	22.400

#1	-.00205	-.00190	10.757	-.00108	.05950	1.0912	.00122	.08280
#2	-.00238	-.00239	10.928	-.00088	.06041	1.1168	.00099	.12201
#3	-.00293	-.00144	10.922	.00028	.05951	1.0799	.00099	.12909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1560	1.2767	-.00293	.00027	.04694	.0352	.15811	12.200
Stddev	.0046	.0088	.00113	.00203	.00134	.0006	.00100	.605
%RSD	.40226	.68915	38.363	737.43	2.8570	1.833	.63389	4.9598

#1	1.1537	1.2702	-.00321	-.00012	.04724	.0355	.15702	12.360
#2	1.1614	1.2867	-.00389	.00247	.04811	.0356	.15831	11.531
#3	1.1529	1.2732	-.00169	-.00152	.04548	.0344	.15899	12.709

Sample Name: K2751-18 Acquired: 5/9/2019 15:07:43 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.217
 Stddev .574
 %RSD 5.6190

#1 9.6109
 #2 10.288
 #3 10.753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3846.4	48324.	5050.1	75.101	4349.3
Stddev	9.3	179.	21.7	.064	7.3
%RSD	.24059	.37047	.43044	.08511	.16782

#1	3840.5	48272.	5044.1	75.070	4342.9
#2	3841.6	48177.	5032.0	75.058	4347.6
#3	3857.0	48524.	5074.3	75.174	4357.3

Sample Name: K2752-02 Acquired: 5/9/2019 15:12:06 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-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	.00013	-.00104	-.00168	.00058	-.00127	.00947	.26637	.00001
Stddev	.00151	.00035	.00047	.00241	.00062	.01288	.00097	.00003
%RSD	1139.4	33.660	27.864	412.59	48.643	135.99	.36388	363.08

#1	-.00128	-.00144	-.00114	.00335	-.00161	-.00522	.26547	.00004
#2	.00173	-.00088	-.00195	-.00056	-.00165	.01480	.26625	.00001
#3	-.00005	-.00079	-.00194	-.00104	-.00056	.01883	.26740	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	27.259	.00040	.00061	.00088	1.3548	.35104	3.2679
Stddev	.00005	.277	.00034	.00012	.00042	.0090	.00150	.0120
%RSD	40.316	1.0179	84.406	20.559	47.515	.66251	.42714	.36557

#1	-.00013	26.942	.00003	.00056	.00136	1.3449	.34940	3.2567
#2	-.00006	27.374	.00048	.00075	.00072	1.3571	.35141	3.2664
#3	-.00015	27.460	.00069	.00051	.00057	1.3625	.35233	3.2805

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00029	9.0397	-.00065	.07669	.34408	.00149	.15061
Stddev	.00026	.00012	.0533	.00007	.00039	.04517	.00018	.02202
%RSD	28.035	42.885	.58947	10.233	.50625	13.129	12.338	14.619

#1	-.00065	-.00041	9.0195	-.00058	.07637	.30987	.00166	.12527
#2	-.00117	-.00016	8.9994	-.00066	.07657	.32709	.00149	.16147
#3	-.00097	-.00028	9.1001	-.00071	.07712	.39529	.00130	.16508

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53421	.69612	-.00298	.00033	-.00180	.0048	.12509	10.722
Stddev	.00839	.00676	.00093	.00178	.00041	.0017	.00132	.340
%RSD	1.5699	.97066	31.302	540.33	22.667	34.75	1.0588	3.1678

#1	.54124	.69127	-.00227	.00035	-.00158	.0057	.12357	10.736
#2	.52493	.70384	-.00263	.00210	-.00227	.0028	.12575	11.055
#3	.53648	.69325	-.00403	-.00146	-.00154	.0057	.12596	10.376

Sample Name: K2752-02 Acquired: 5/9/2019 15:12:06 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.3291
 %RSD 359.63

#1 .92973
 #2 -1.7267
 #3 -.31180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.8	49270.	5161.7	75.115	4423.4
Stddev	6.2	200.	28.2	.388	5.6
%RSD	.15991	.40576	.54707	.51639	.12735

#1	3899.0	49150.	5194.0	75.252	4428.1
#2	3907.1	49501.	5149.2	75.416	4417.2
#3	3911.3	49159.	5141.8	74.677	4424.8

Sample Name: LR CHECK 1 Acquired: 5/9/2019 15:16:10 Type: Unk
Method: P4-ICP2(v3104) 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	.00581	-.10050	-.09728	-.15017	.01247	2146.9	-.00175	.02359
Stddev	.00436	.01236	.00228	.02411	.00702	39.6	.00049	.00051
%RSD	75.075	12.297	2.3439	16.056	56.320	1.8453	28.281	2.1819

#1	.00985	-.08649	-.09587	-.12654	.01297	2161.0	-.00120	.02399
#2	.00640	-.10517	-.09991	-.14924	.00521	2177.5	-.00217	.02301
#3	.00118	-.10984	-.09607	-.17473	.01922	2102.1	-.00187	.02377

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02278	1828.1	-.09506	.04854	.84413	857.27	-.00401	1674.0
Stddev	.00023	8.6	.00038	.00042	.00849	5.78	.00035	13.6
%RSD	.98999	.47030	.40368	.86821	1.0061	.67450	8.7118	.80968

#1	.02259	1819.1	-.09550	.04845	.84807	863.93	-.00428	1687.3
#2	.02303	1828.9	-.09484	.04818	.83438	854.31	-.00362	1674.5
#3	.02274	1836.2	-.09483	.04900	.84993	853.56	-.00414	1660.2

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04277	-.12104	1714.1	.02162	.02609	1092.4	-.03363	.20120
Stddev	.00173	.00055	4.0	.00090	.00160	7.8	.00070	.01513
%RSD	4.0559	.45121	.23163	4.1788	6.1266	.71544	2.0917	7.5212

#1	-.04165	-.12130	1712.2	.02257	.02424	1099.2	-.03283	.19921
#2	-.04477	-.12140	1711.4	.02077	.02700	1094.0	-.03396	.18716
#3	-.04189	-.12041	1718.6	.02153	.02701	1083.9	-.03412	.21723

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52536	.00196	.01534	-.05757	.10560	.1725	-.92857	11.673
Stddev	.01391	.00187	.00140	.00140	.00221	.0035	.00650	1.081
%RSD	2.6477	95.096	9.1045	2.4305	2.0906	2.048	.70052	9.2592

#1	.54001	.00105	.01408	-.05769	.10777	.1757	-.93607	12.282
#2	.51233	.00411	.01511	-.05611	.10567	.1687	-.92517	10.425
#3	.52374	.00073	.01684	-.05890	.10335	.1733	-.92446	12.312

Sample Name: LR CHECK 1 Acquired: 5/9/2019 15:16:10 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	614.30
Stddev	7.48
%RSD	1.2179

#1	615.09
#2	621.36
#3	606.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.8	33664.	4425.8	56.960	2377.6
Stddev	11.0	183.	37.9	1.218	13.0
%RSD	.40203	.54434	.85616	2.1387	.54674

#1	2738.6	33475.	4468.9	55.736	2368.2
#2	2758.5	33676.	4397.5	58.172	2392.5
#3	2740.3	33841.	4411.2	56.972	2372.2

Sample Name: LR CHECK 2 Acquired: 5/9/2019 15:21:11 Type: Unk
Method: P4-ICP2(v3104) 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	.00317	-.01507	237.37	.03252	-.04825	-.26990	97.320	-.00085
Stddev	.00039	.00060	.89	.00066	.00467	.00378	.722	.00008
%RSD	12.152	3.9760	.37505	2.0346	9.6735	1.4018	.74237	9.8690

#1	.00274	-.01497	237.68	.03303	-.04313	-.27084	98.109	-.00081
#2	.00329	-.01452	238.07	.03276	-.04933	-.27312	97.161	-.00095
#3	.00348	-.01571	236.37	.03177	-.05227	-.26573	96.691	-.00079

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01201	.18508	-.13102	-.00640	245.86	-.78292	40.929	-.12081
Stddev	.00008	.00594	.00014	.00046	1.01	.00285	.323	.05340
%RSD	.62523	3.2097	.10675	7.2161	.40945	.36358	.78808	44.199

#1	-.01195	.18414	-.13114	-.00666	244.69	-.78157	41.234	-.08812
#2	-.01198	.19143	-.13086	-.00587	246.46	-.78619	40.961	-.09189
#3	-.01209	.17966	-.13105	-.00668	246.42	-.78100	40.591	-.18243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.235	.00461	1.0705	-.25438	32.501	1.1207	-.01494	.00070
Stddev	.085	.00040	.1585	.00205	.028	.2500	.00008	.00883
%RSD	.18099	8.6697	14.803	.80589	.08681	22.309	.54648	1269.0

#1	47.137	.00416	1.2259	-.25666	32.517	1.3812	-.01491	.00066
#2	47.277	.00475	1.0766	-.25268	32.517	1.0984	-.01487	.00954
#3	47.291	.00492	.90911	-.25382	32.468	.88263	-.01503	-.00812

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11272	.00922	-.00380	.02148	-.00540	.0995	.00234	11.510
Stddev	.00016	.00232	.00067	.00112	.00049	.0034	.00001	.905
%RSD	.14006	25.139	17.717	5.2239	9.1600	3.440	.44521	7.8645

#1	.11286	.00780	-.00440	.02095	-.00575	.1022	.00233	10.537
#2	.11276	.00796	-.00394	.02073	-.00484	.1007	.00235	12.327
#3	.11255	.01190	-.00307	.02277	-.00561	.0957	.00233	11.667

Sample Name: LR CHECK 2 Acquired: 5/9/2019 15:21:11 Type: Unk
 Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9718
Stddev	1.0434
%RSD	52.914

#1	.77421
#2	2.4571
#3	2.6843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3472.5	51290.	5337.4	78.794	4320.4
Stddev	2.6	68.	29.0	1.812	6.2
%RSD	.07510	.13312	.54292	2.2991	.14334

#1	3472.1	51245.	5363.8	77.942	4314.1
#2	3475.3	51257.	5342.2	80.875	4326.5
#3	3470.1	51369.	5306.4	77.567	4320.7

Sample Name: CCV04 Acquired: 5/9/2019 15:26:55 Type: Unk
Method: P4-ICP2(v3104) 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	5.0176	5.1005	5.0188	5.0737	4.9898	9.5962	9.9356	.25060
Stddev	.0136	.0174	.0165	.0165	.0110	.0692	.0384	.00073
%RSD	.27093	.34173	.32796	.32439	.22055	.72081	.38660	.29271
#1	5.0301	5.1204	5.0375	5.0864	4.9930	9.5787	9.8925	.25027
#2	5.0031	5.0879	5.0064	5.0551	4.9775	9.6725	9.9661	.25144
#3	5.0196	5.0932	5.0127	5.0795	4.9988	9.5375	9.9482	.25009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4870	25.099	.98867	2.4997	1.2437	5.0177	2.5265	24.654
Stddev	.0048	.188	.00293	.0026	.0011	.0159	.0053	.202
%RSD	.19421	.74874	.29674	.10465	.09061	.31736	.21119	.81854
#1	2.4891	24.883	.98567	2.5005	1.2437	5.0005	2.5203	24.480
#2	2.4814	25.200	.99154	2.4968	1.2425	5.0320	2.5291	24.875
#3	2.4903	25.216	.98879	2.5018	1.2448	5.0207	2.5299	24.607
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4106	1.2331	24.079	2.4974	2.4792	25.132	5.0392	4.9956
Stddev	.0034	.0016	.094	.0039	.0017	.155	.0062	.0358
%RSD	.14012	.13100	.38880	.15399	.06940	.61607	.12332	.71680
#1	2.4122	1.2349	23.977	2.4932	2.4809	24.957	5.0417	4.9816
#2	2.4067	1.2326	24.100	2.5007	2.4774	25.187	5.0322	5.0363
#3	2.4129	1.2319	24.161	2.4984	2.4794	25.252	5.0439	4.9689
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0738	4.8727	4.9908	4.9897	4.6316	5.133	5.0252	F 12.272
Stddev	.0080	.0398	.0100	.0051	.0318	.006	.0302	.957
%RSD	.15781	.81786	.20049	.10290	.68571	.1124	.60153	7.7992
#1	5.0744	4.8795	4.9835	4.9880	4.6672	5.138	5.0389	13.351
#2	5.0655	4.8298	4.9867	4.9857	4.6062	5.127	4.9905	11.525
#3	5.0815	4.9087	5.0022	4.9955	4.6213	5.133	5.0461	11.939

Sample Name: CCV04 Acquired: 5/9/2019 15:26:55 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .73331
Stddev .44418
%RSD 60.572

#1 1.0475
#2 .22513
#3 .92732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3901.0	48471.	5250.7	76.085	4154.4
Stddev	3.5	119.	32.9	1.206	3.1
%RSD	.09097	.24469	.62594	1.5850	.07556

#1	3897.0	48442.	5219.7	76.497	4151.1
#2	3902.3	48370.	5285.2	74.727	4154.7
#3	3903.7	48601.	5247.2	77.031	4157.3

Sample Name: CCB04 Acquired: 5/9/2019 15:44:19 Type: Unk
Method: P4-ICP2(v3104) 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	-.00022	-.00072	.00558	.00137	.00089	-.01838	.00029	.00002
Stddev	.00082	.00032	.00109	.00161	.00077	.00224	.00055	.00002
%RSD	374.30	44.537	19.562	117.76	86.861	12.180	191.70	111.48

#1	.00050	-.00086	.00684	.00059	.00014	-.01974	.00053	-.00001
#2	-.00111	-.00096	.00499	.00029	.00084	-.01960	.00068	.00003
#3	-.00005	-.00036	.00490	.00322	.00168	-.01579	-.00034	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00253	-.00010	.00028	-.00087	-.00069	.00006	-.06462
Stddev	.00004	.00952	.00047	.00006	.00017	.00062	.00000	.05204
%RSD	32.613	376.82	472.25	22.834	19.575	88.878	7.1558	80.542

#1	.00012	-.00744	-.00037	.00036	-.00075	-.00139	.00007	-.06098
#2	.00017	.01153	-.00038	.00026	-.00078	-.00023	.00006	-.11838
#3	.00009	.00350	.00044	.00023	-.00106	-.00045	.00006	-.01449

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00016	.00015	.00054	-.00073	-.00371	.00009	-.00120
Stddev	.00015	.00016	.01046	.00039	.00006	.06045	.00004	.01523
%RSD	26.958	104.35	6981.5	71.079	7.8017	1630.7	44.482	1264.1

#1	-.00059	-.00027	.00246	.00036	-.00070	-.03937	.00012	.01474
#2	-.00068	.00003	-.01128	.00099	-.00070	.06609	.00009	-.01560
#3	-.00039	-.00023	.00927	.00028	-.00080	-.03783	.00005	-.00275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	.00022	-.00238	-.00016	-.00465	-.0017	-.00002	5.9381
Stddev	.00156	.00270	.00036	.00165	.00020	.0010	.00012	1.2189
%RSD	176.17	1206.3	15.220	1020.1	4.3568	59.15	745.09	20.527

#1	.00058	-.00286	-.00268	.00165	-.00456	-.0023	-.00010	6.9677
#2	-.00071	.00138	-.00198	-.00054	-.00450	-.0023	.00011	4.5922
#3	-.00253	.00215	-.00248	-.00160	-.00488	-.0006	-.00006	6.2545

Sample Name: CCB04 Acquired: 5/9/2019 15:44:19 Type: Unk
Method: P4-ICP2(v3104) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3595
Stddev .4692
%RSD 13.965

#1 3.0649
#2 3.1131
#3 3.9006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.3	50356.	5236.4	77.617	4661.8
Stddev	7.5	167.	37.3	.383	7.8
%RSD	.18666	.33076	.71158	.49306	.16684

#1	4028.9	50242.	5195.3	77.825	4652.9
#2	4043.5	50278.	5245.7	77.850	4667.3
#3	4039.6	50547.	5268.1	77.175	4665.2