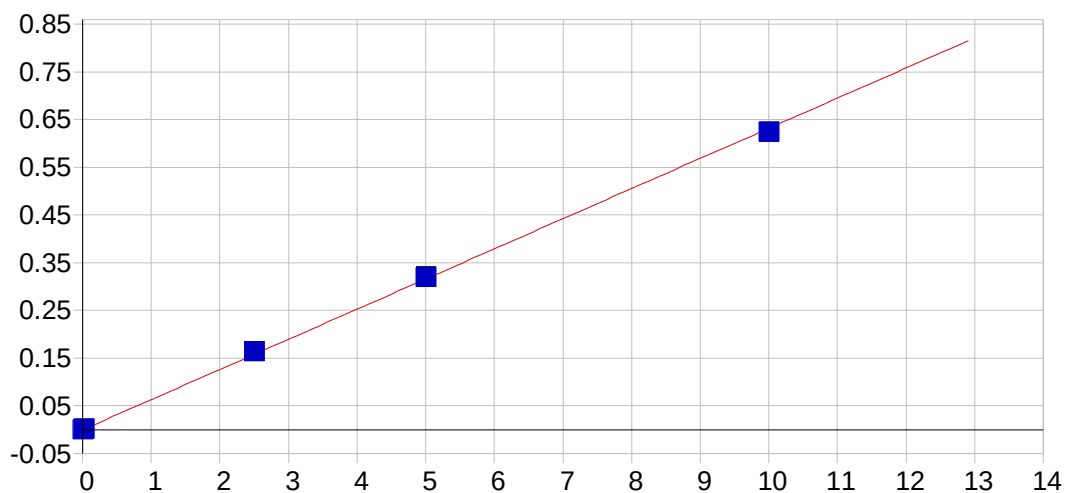


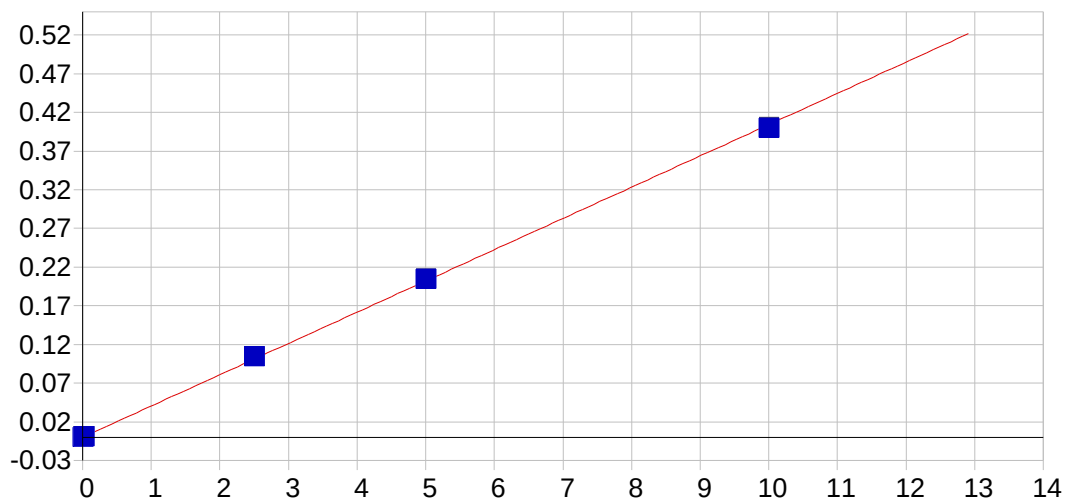


As 189.042 {478}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.063231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002381
 Predicted MQL: 0.007938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02250	.003	12.5	.00126	.000	1
S3	2.5000	2.5868	.087	3.47	.16339	.000	1
S4	5.0000	5.0476	.048	.951	.31897	.001	1
S5	10.000	9.8632	-.137	-1.37	.62345	.000	1



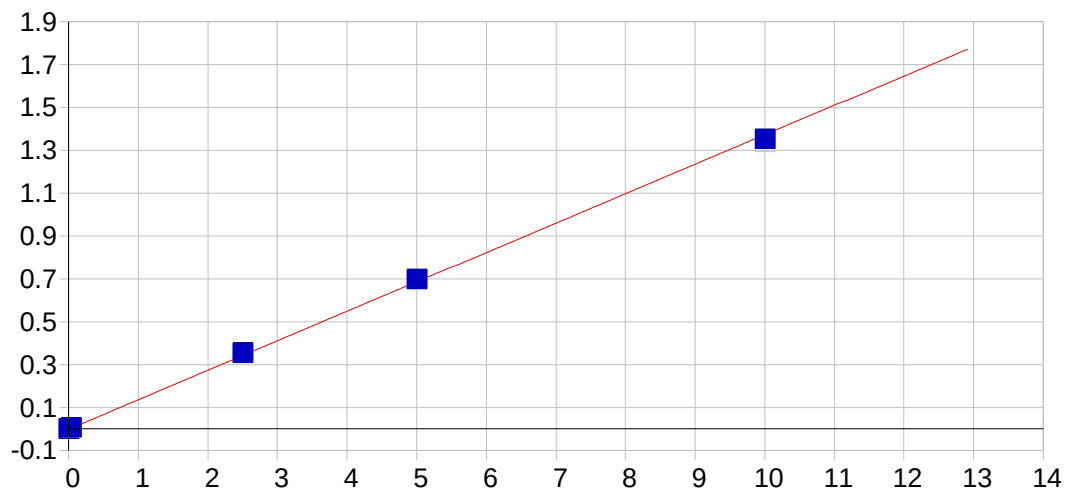
As 189.042 {479}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000

A1 (Gain): 0.040412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002367
 Predicted MQL: 0.007891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.02091	.001	4.55	.00086	.000	1
S3	2.5000	2.5757	.076	3.03	.10411	.000	1
S4	5.0000	5.0443	.044	.885	.20387	.000	1
S5	10.000	9.8791	-.121	-1.21	.39926	.001	1

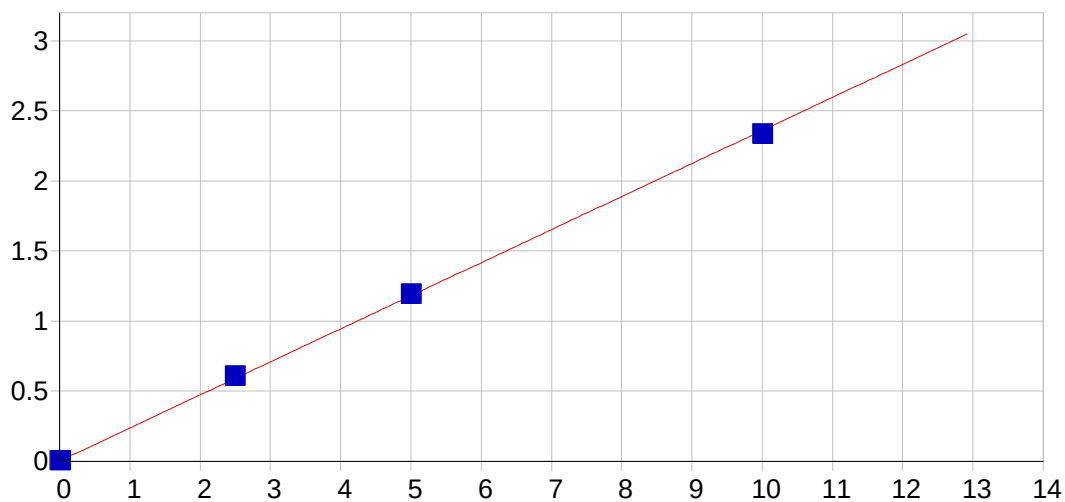


TI 190.856 {477}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.137240 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000920
 Predicted MQL: 0.003066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.04000	.04215	.002	5.38	.00560	.000	1
S3	2.5000	2.5821	.082	3.28	.35080	.001	1
S4	5.0000	5.0768	.077	1.54	.68966	.001	1
S5	10.000	9.8390	-.161	-1.61	1.3362	.001	1

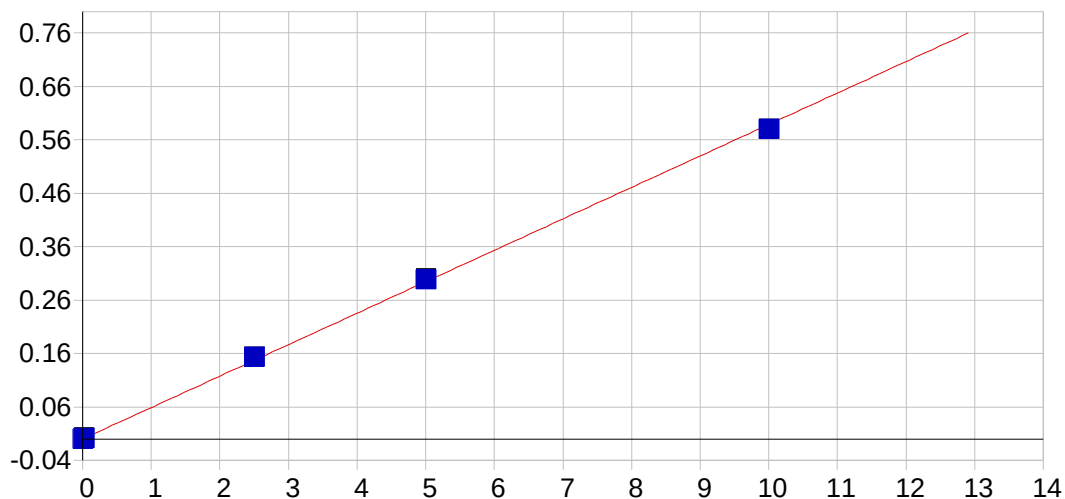


Pb 220.353 (453)

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002576 Re-Slope: 1.000000
 A1 (Gain): 0.235794 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000841
 Predicted MQL: 0.002804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00258	.000	1
S1	.01200	.01176	-.000	-2.00	.00530	.000	1
S3	2.5000	2.5712	.071	2.85	.60806	.000	1
S4	5.0000	5.0432	.043	.864	1.1901	.001	1
S5	10.000	9.8858	-.114	-1.14	2.3304	.002	1



Se 196.090 (472)

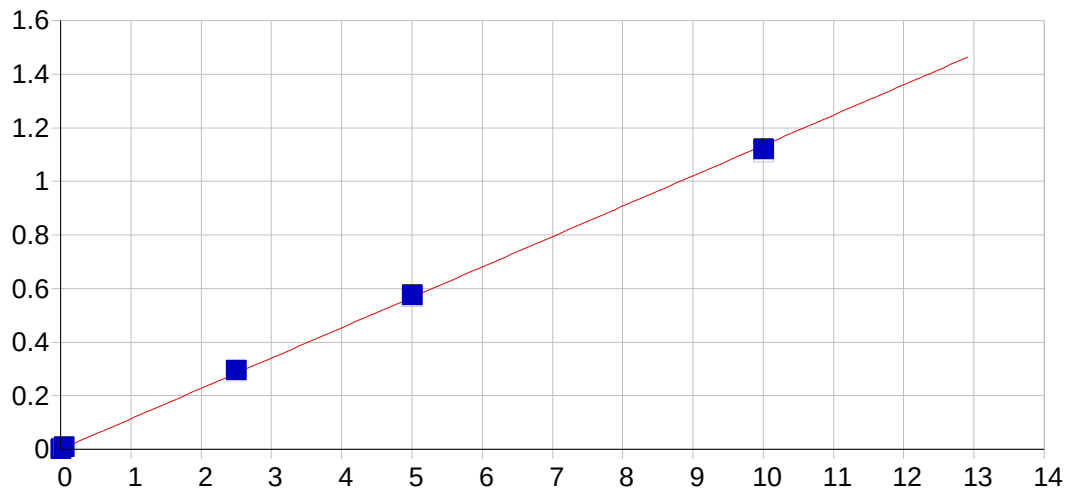
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.058885 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793
 Std Error of Est: 0.000029
 Predicted MDL: 0.002451
 Predicted MQL: 0.008171

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02255	.003	12.7	.00123	.000	1
S3	2.5000	2.5916	.092	3.67	.15248	.000	1
S4	5.0000	5.0682	.068	1.36	.29828	.001	1
S5	10.000	9.8376	-.162	-1.62	.57906	.001	1



Sb 206.833 {463}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

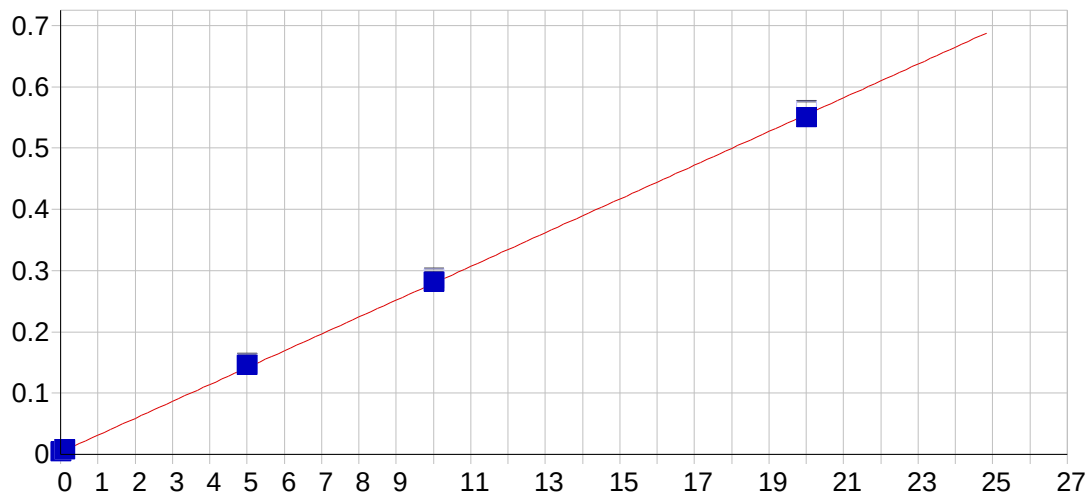
Weighting: 1/Conc

A0 (Offset): 0.000543
 A1 (Gain): 0.113299
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843
 Std Error of Est: 0.000076
 Predicted MDL: 0.001532
 Predicted MQL: 0.005108

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	.05000	.05284	.003	5.67	.00639	.000	1
S3	2.5000	2.5826	.083	3.30	.28997	.001	1
S4	5.0000	5.0534	.053	1.07	.56672	.002	1
S5	10.000	9.8611	-.139	-1.39	1.1051	.002	1

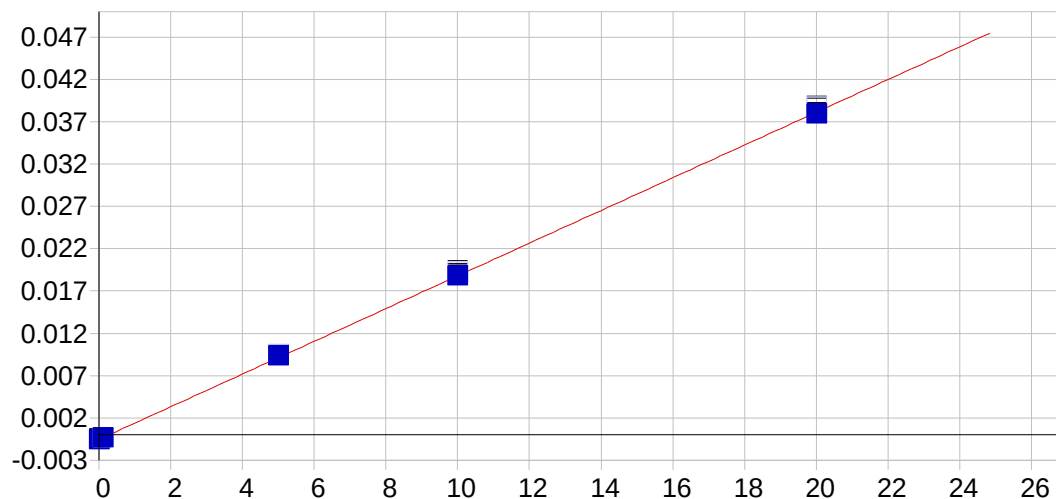


AI 308.215 {109}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003802 Re-Slope: 1.000000
 A1 (Gain): 0.027541 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002834
 Predicted MQL: 0.009446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00380	.000	1
S1	.10000	.11437	.014	14.4	.00714	.000	1
S3	5.0000	5.1267	.127	2.53	.14774	.000	1
S4	10.000	10.061	.061	.614	.28638	.001	1
S5	20.000	19.797	-.203	-1.02	.55999	.001	1



AI 309.271 {109}

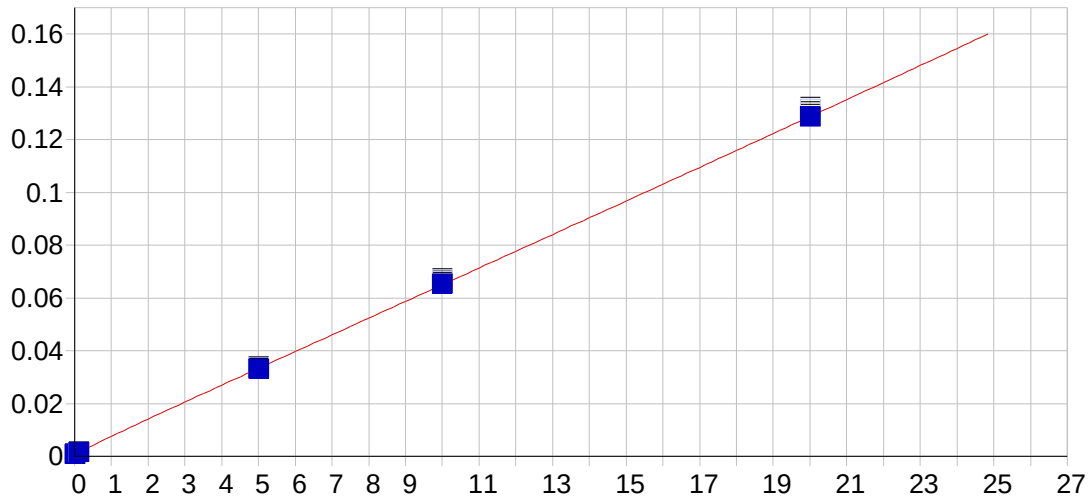
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.001933 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000001
 Predicted MDL: 0.028273
 Predicted MQL: 0.094242

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00054	.000	1
S1	.10000	.09145	-.009	-8.55	-.00035	.000	1
S3	5.0000	5.0892	.089	1.78	.00949	.000	1
S4	10.000	10.012	.012	.125	.01919	.000	1
S5	20.000	19.907	-.093	-.464	.03870	.000	1



AI 396.152 { 85}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Full Fit

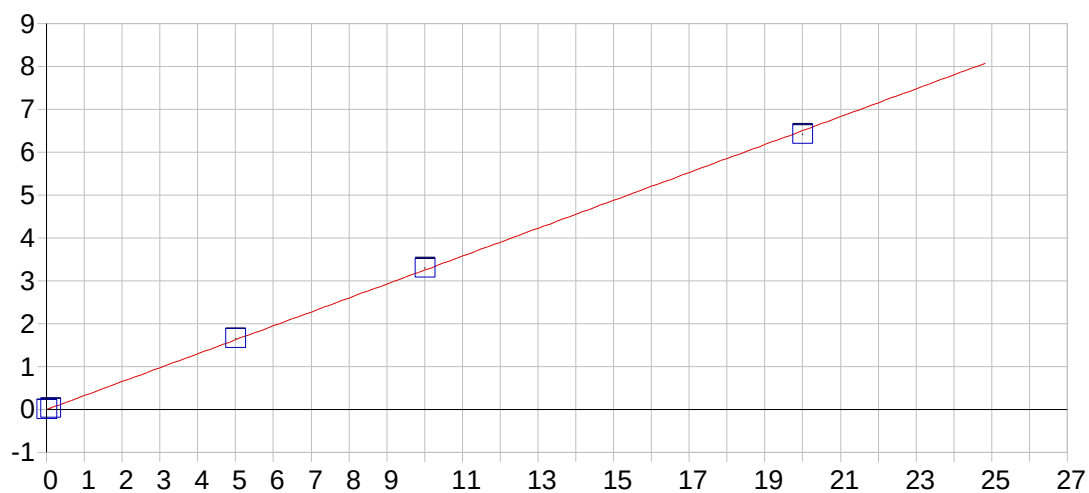
Weighting: 1/Conc

A0 (Offset): 0.000641
 A1 (Gain): 0.006887
 A2 (Curvature): 0.000019
 n (Exponent): 0.960000
 Correlation: 0.999991
 Std Error of Est: 0.000004
 Predicted MDL: 0.012240
 Predicted MQL: 0.040801

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.10000	.10214	.002	2.14	.00146	.000	1
S3	5.0000	4.9610	-.039	-.781	.03378	.000	1
S4	10.000	10.055	.055	.547	.06673	.000	1
S5	20.000	19.982	-.018	-.089	.13134	.001	1

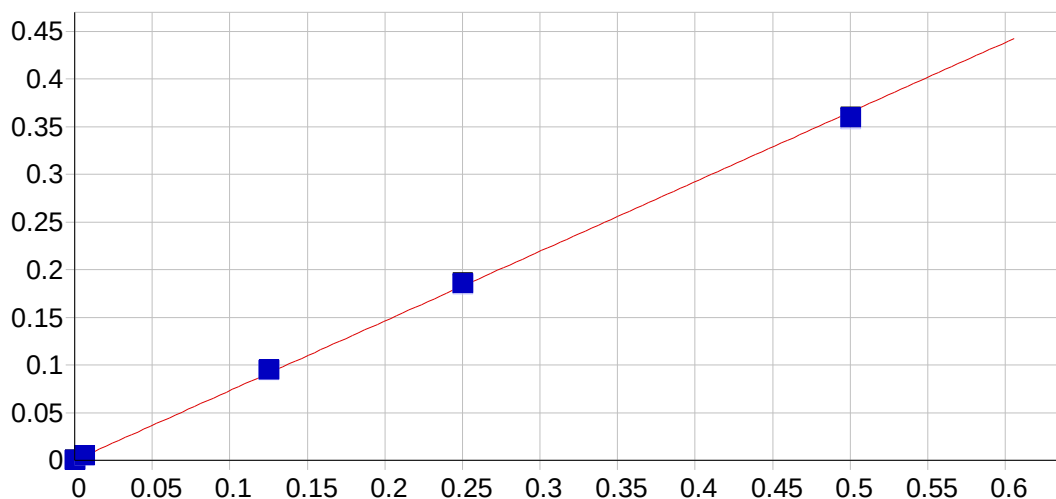


Ba 493.409 { 68}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001036 Re-Slope: 1.000000
 A1 (Gain): 0.325223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000375
 Predicted MDL: 0.000565
 Predicted MQL: 0.001883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00104	.000	1
S1	.10000	.10410	.004	4.10	.03282	.000	1
S3	5.0000	5.1073	.107	2.15	1.6600	.002	1
S5	20.000	19.741	-.259	-1.29	6.4193	.020	1
S4	10.000	10.147	.147	1.47	3.2991	.016	1



Be 234.861 {144}

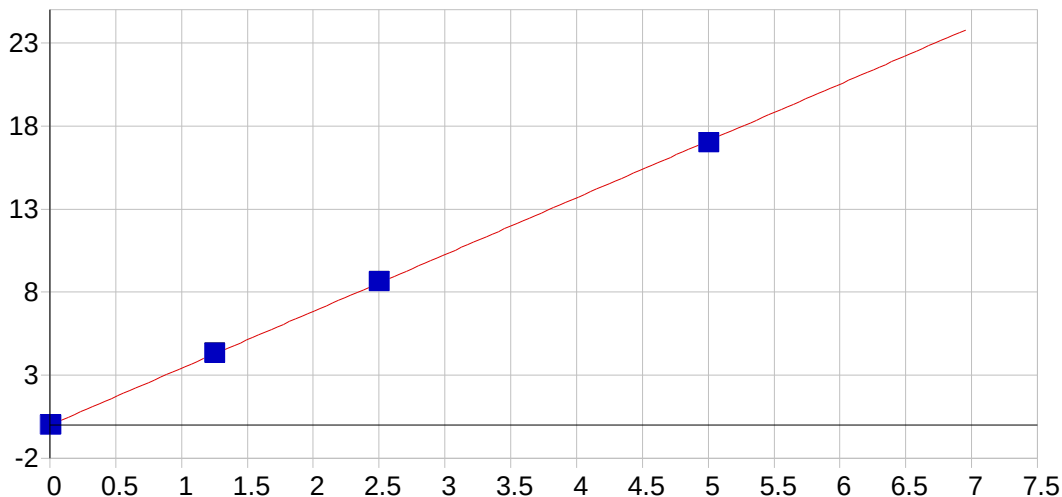
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.730452 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795
 Std Error of Est: 0.000044
 Predicted MDL: 0.000069
 Predicted MQL: 0.000229

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.00600	.00633	.000	5.49	.00466	.000	1
S3	.12500	.12937	.004	3.50	.09401	.000	1
S4	.25000	.25354	.004	1.41	.18413	.001	1
S5	.50000	.49177	-.008	-1.65	.35700	.001	1



Cd 226.502 {449}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

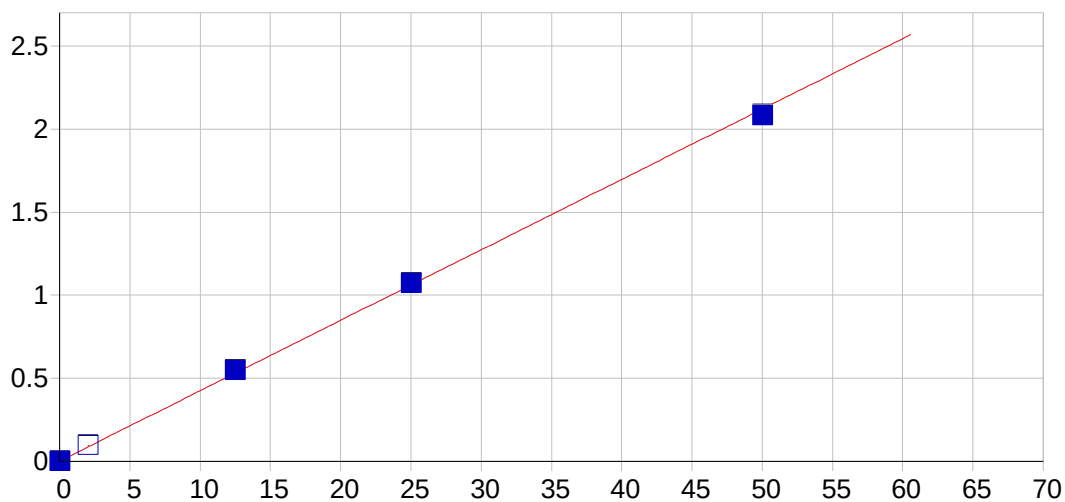
Weighting: 1/Conc

A0 (Offset): -0.000138
 A1 (Gain): 3.420216
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000246
 Predicted MDL: 0.000066
 Predicted MQL: 0.000219

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	-.00014	.000	1
S1	.00600	.00597	-.000	-.497	.02032	.000	1
S3	1.2500	1.2641	.014	1.13	4.3244	.002	1
S4	2.5000	2.5188	.019	.751	8.6166	.007	1
S5	5.0000	4.9671	-.033	-.658	16.992	.007	1

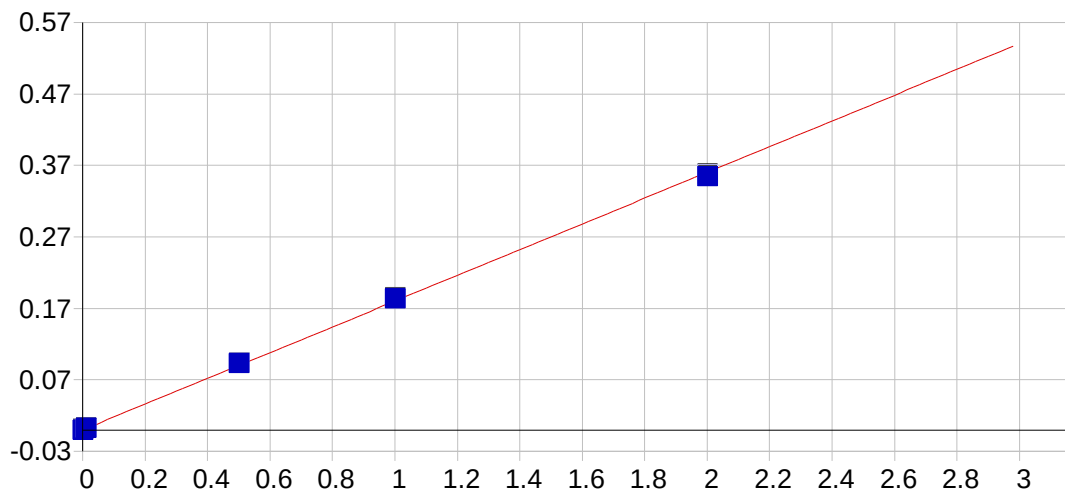


Ca 373.690 { 90}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001629 Re-Slope: 1.000000
 A1 (Gain): 0.042375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638 Status: OK.
 Std Error of Est: 0.000622
 Predicted MDL: 0.015988
 Predicted MQL: 0.053295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2544	.254	12.7	.09716	.000	1
S0	.00000	-.00030	-.000	.000	.00162	.000	1
S3	12.500	12.902	.402	3.22	.54863	.002	1
S4	25.000	25.260	.260	1.04	1.0726	.002	1
S5	50.000	49.084	-.916	-1.83	2.0827	.006	1



Cr 267.716 {126}

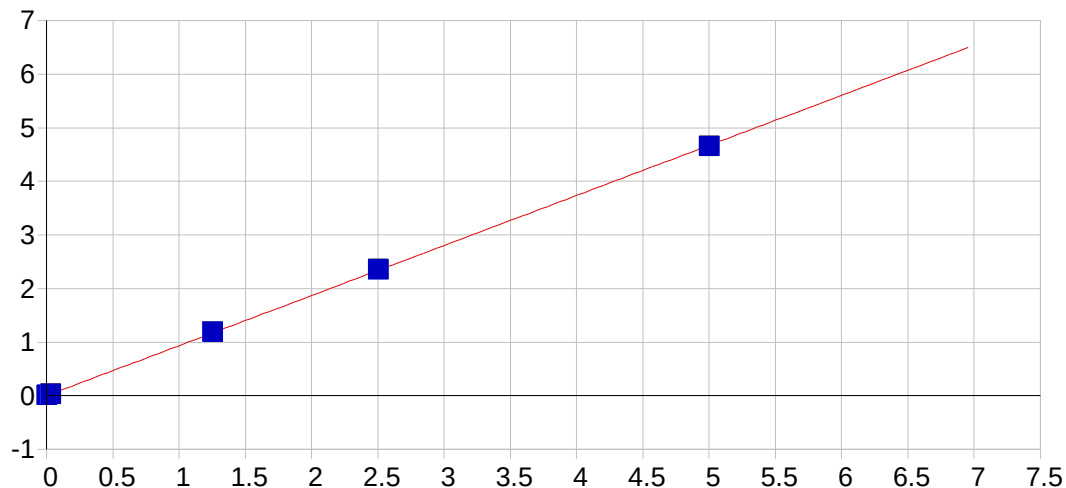
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.180155 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816
 Std Error of Est: 0.000027
 Predicted MDL: 0.000400
 Predicted MQL: 0.001332

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01072	.001	7.23	.00187	.000	1
S3	.50000	.51532	.015	3.06	.09347	.000	1
S4	1.0000	1.0164	.016	1.64	.18445	.000	1
S5	2.0000	1.9676	-.032	-1.62	.35723	.001	1



Co 228.616 {447}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

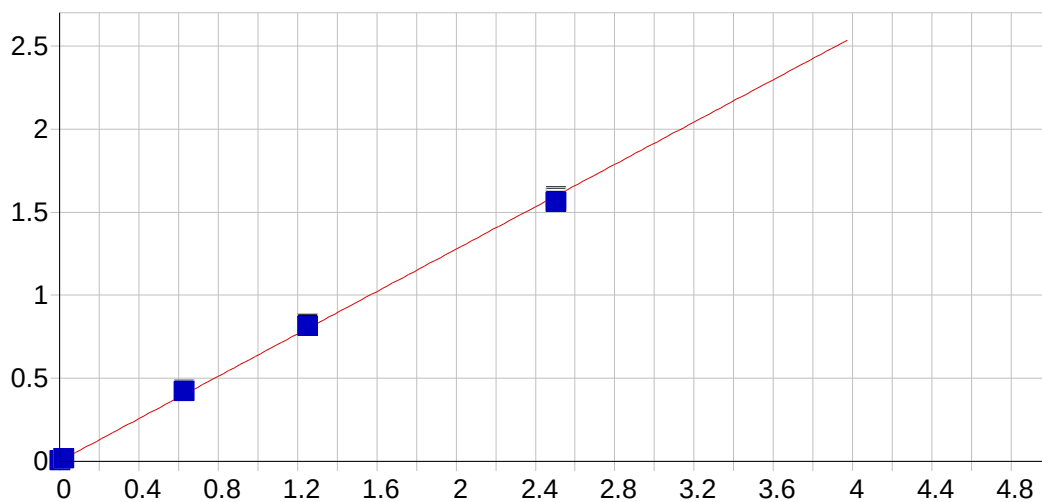
Weighting: 1/Conc

A0 (Offset): -0.000289
 A1 (Gain): 0.934120
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000127
 Predicted MDL: 0.000203
 Predicted MQL: 0.000678

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	-.00029	.000	1
S1	.03000	.02923	-.001	-2.56	.02683	.000	1
S3	1.2500	1.2634	.013	1.07	1.1808	.001	1
S4	2.5000	2.5135	.013	.538	2.3494	.004	1
S5	5.0000	4.9739	-.026	-.521	4.6496	.003	1

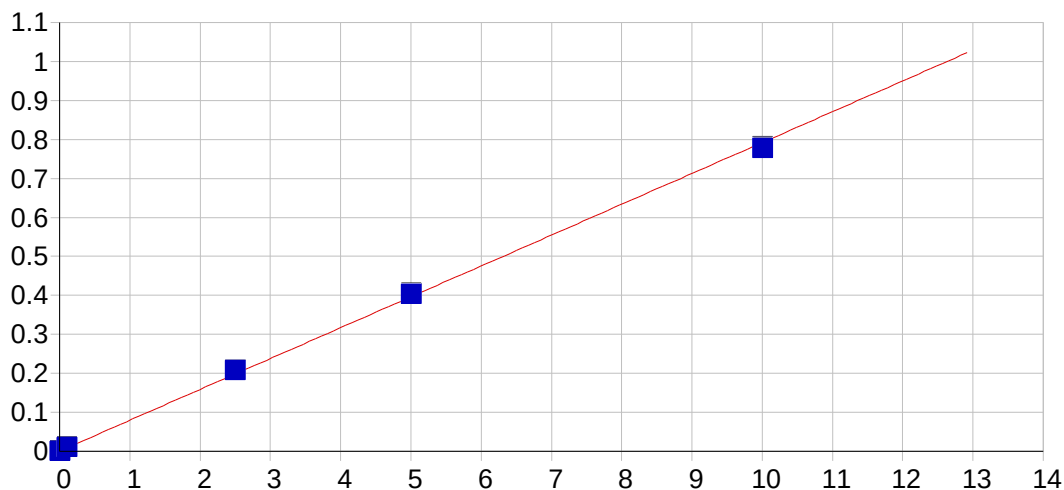


Cu 224.700 {450}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002182 Re-Slope: 1.000000
 A1 (Gain): 0.637539 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999635 Status: OK.
 Std Error of Est: 0.000212
 Predicted MDL: 0.000380
 Predicted MQL: 0.001266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00218	.000	1
S1	.02000	.02226	.002	11.3	.01657	.000	1
S3	.62500	.65428	.029	4.68	.42575	.001	1
S4	1.2500	1.2739	.024	1.91	.82724	.002	1
S5	2.5000	2.4445	-.055	-2.22	1.5864	.003	1



Fe 240.488 {140}

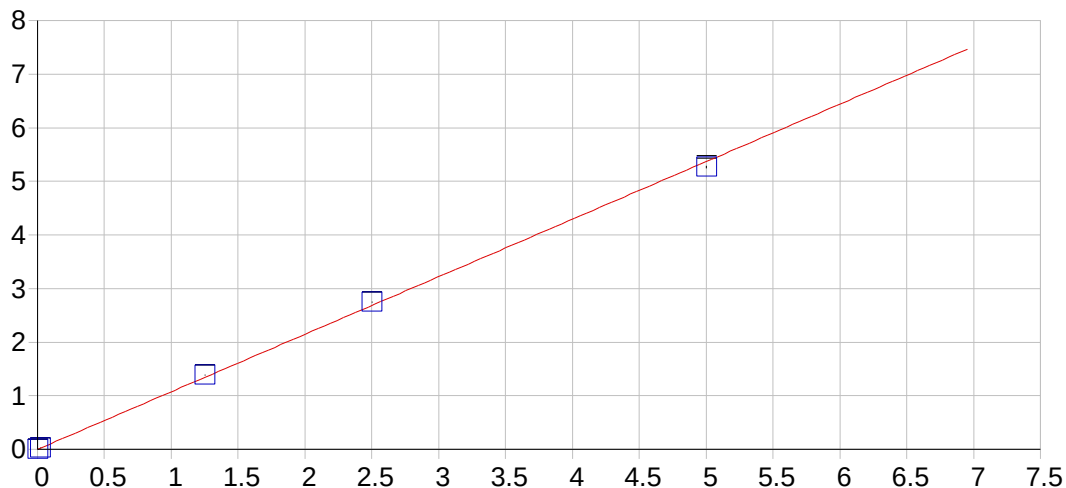
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000677 Re-Slope: 1.000000
 A1 (Gain): 0.079125 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999688
 Std Error of Est: 0.000107
 Predicted MDL: 0.000706
 Predicted MQL: 0.002354

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00068	.000	1
S1	.10000	.11091	.011	10.9	.00949	.000	1
S3	2.5000	2.6084	.108	4.33	.20780	.000	1
S4	5.0000	5.0791	.079	1.58	.40404	.001	1
S5	10.000	9.8016	-.198	-1.98	.77918	.003	1



Mn 257.610 {131}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

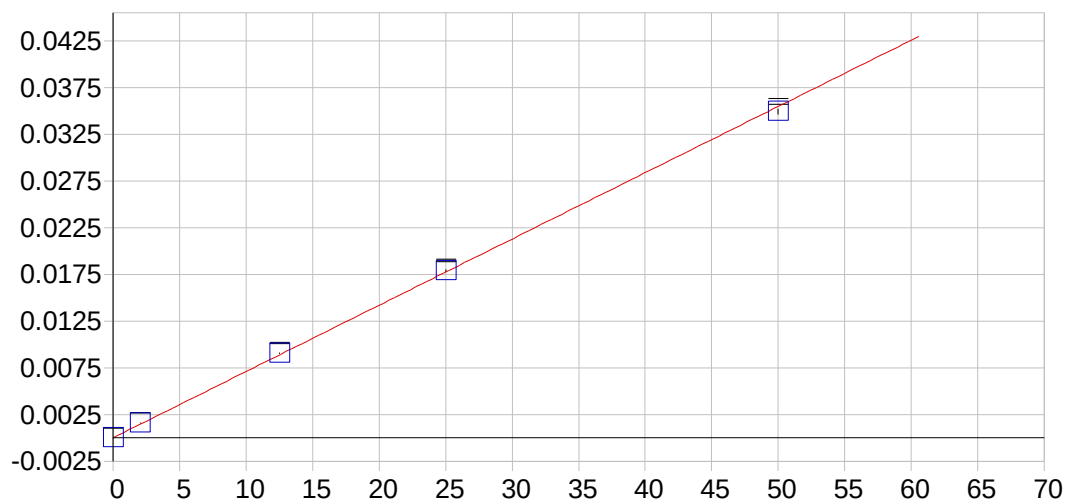
Weighting: 1/Conc

A0 (Offset): 0.000250
 A1 (Gain): 1.073378
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999729
 Std Error of Est: 0.000427
 Predicted MDL: 0.000059
 Predicted MQL: 0.000198

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.02000	.02307	.003	15.4	.02501	.000	1
S3	1.2500	1.2884	.038	3.07	1.3832	.001	1
S4	2.5000	2.5553	.055	2.21	2.7431	.003	1
S5	5.0000	4.9032	-.097	-1.94	5.2632	.025	1

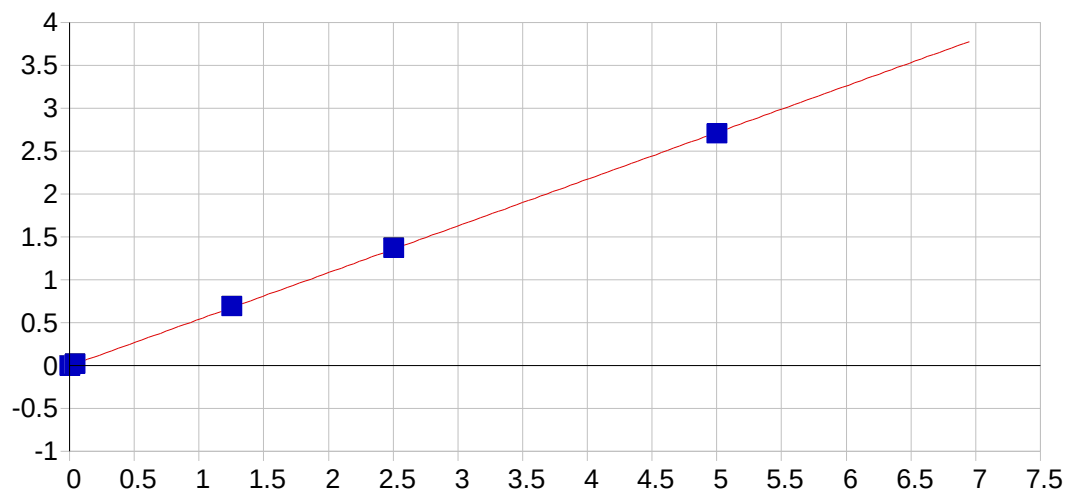


Mg 279.079 {121}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.000709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.040191
 Predicted MQL: 0.133970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2247	.225	11.2	.00160	.000	1
S0	.00000	-.00026	-.000	.000	.00003	.000	1
S3	12.500	12.779	.279	2.23	.00909	.000	1
S4	25.000	25.248	.248	.991	.01793	.000	1
S5	50.000	49.248	-.752	-1.50	.03494	.000	1



Ni 231.604 {445}

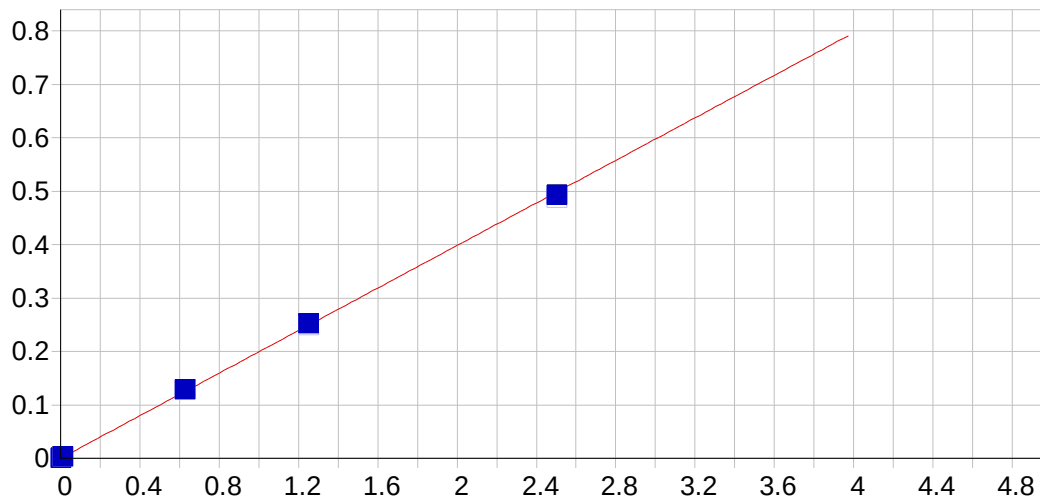
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005138 Re-Slope: 1.000000
 A1 (Gain): 0.544339 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000102
 Predicted MDL: 0.000368
 Predicted MQL: 0.001228

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00514	.000	1
S1	.04000	.03955	-.000	-1.13	.01640	.000	1
S3	1.2500	1.2647	.015	1.18	.68405	.000	1
S4	2.5000	2.5186	.019	.742	1.3673	.001	1
S5	5.0000	4.9672	-.033	-.657	2.7016	.002	1



Ag 328.068 {103}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

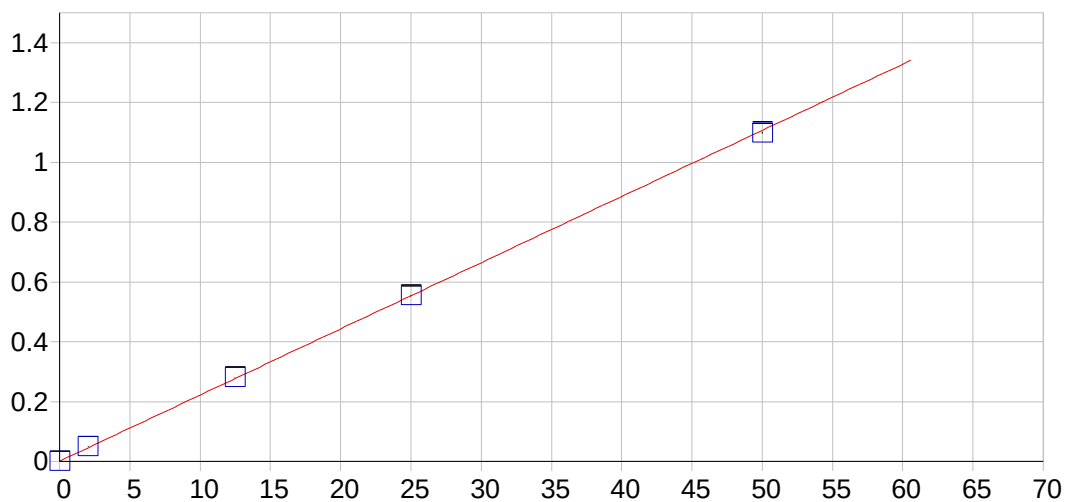
Weighting: 1/Conc

A0 (Offset): 0.000182
 A1 (Gain): 0.199149
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882
 Std Error of Est: 0.000026
 Predicted MDL: 0.000544
 Predicted MQL: 0.001815

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	.00018	.000	1
S1	.01000	.01056	.001	5.56	.00224	.000	1
S3	.62500	.64358	.019	2.97	.12694	.000	1
S4	1.2500	1.2602	.010	.813	.24832	.001	1
S5	2.5000	2.4707	-.029	-1.17	.48657	.000	1

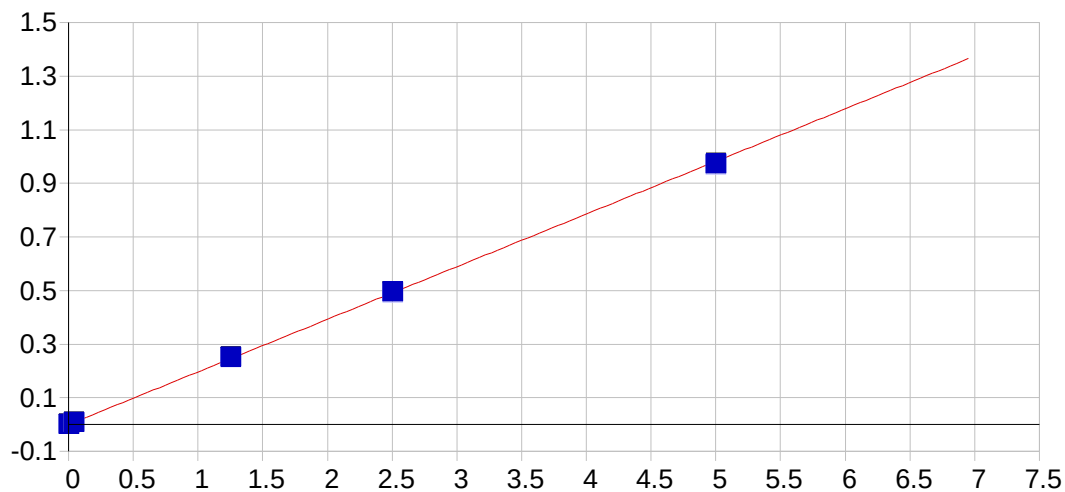


Na 589.592 { 57}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000744 Re-Slope: 1.000000
 A1 (Gain): 0.022122 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000185
 Predicted MDL: 0.009664
 Predicted MQL: 0.032215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1760	.176	8.80	.04888	.001	1
S0	.00000	-.00019	-.000	.000	.00074	.000	1
S3	12.500	12.684	.184	1.47	.28133	.000	1
S4	25.000	25.009	.009	.036	.55399	.003	1
S5	50.000	49.631	-.369	-.738	1.0987	.004	1



V 292.402 {115}

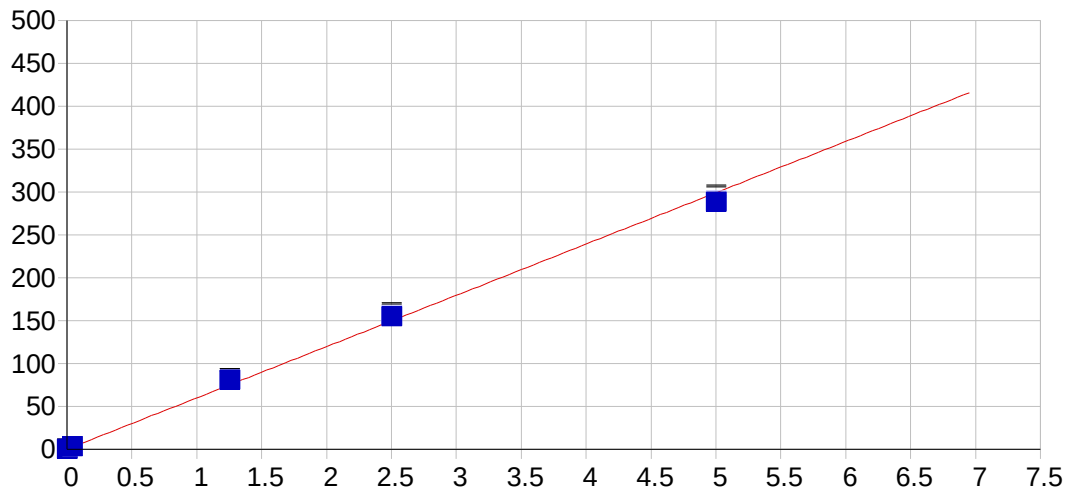
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.196368 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000054
 Predicted MDL: 0.000422
 Predicted MQL: 0.001405

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.04000	.04127	.001	3.18	.00787	.000	1
S3	1.2500	1.2771	.027	2.17	.24906	.000	1
S4	2.5000	2.5165	.017	.661	.49084	.000	1
S5	5.0000	4.9551	-.045	-.898	.96649	.002	1



Zn 206.200 {163}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

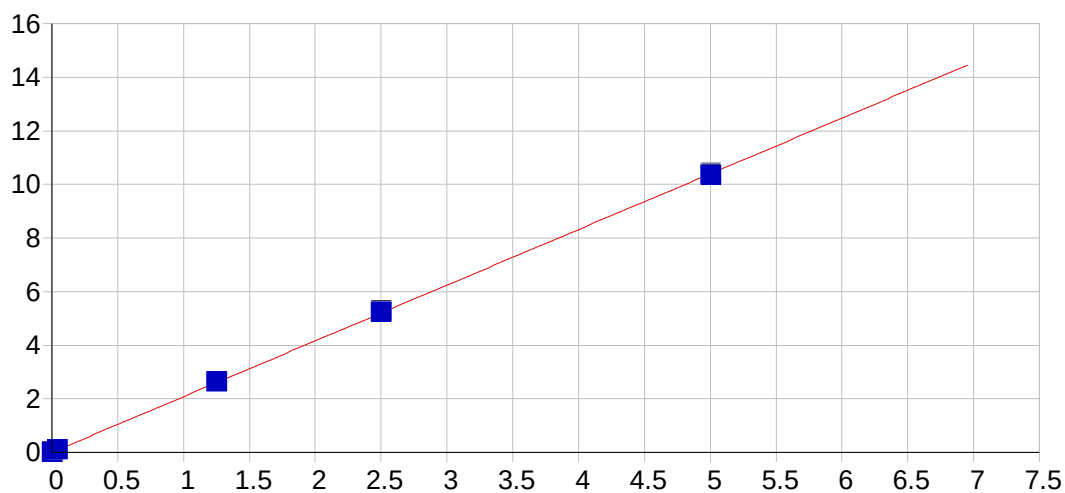
Weighting: 1/Conc

A0 (Offset): 0.116423
 A1 (Gain): 59.812746
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998902
 Std Error of Est: 0.068268
 Predicted MDL: 0.000326
 Predicted MQL: 0.001087

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	.11561	.009	1
S1	.04000	.05088	.011	27.2	3.1751	.044	1
S3	1.2500	1.3414	.091	7.31	80.799	1.44	1
S4	2.5000	2.5851	.085	3.41	155.65	2.98	1
S5	5.0000	4.8126	-.187	-3.75	289.78	6.17	1

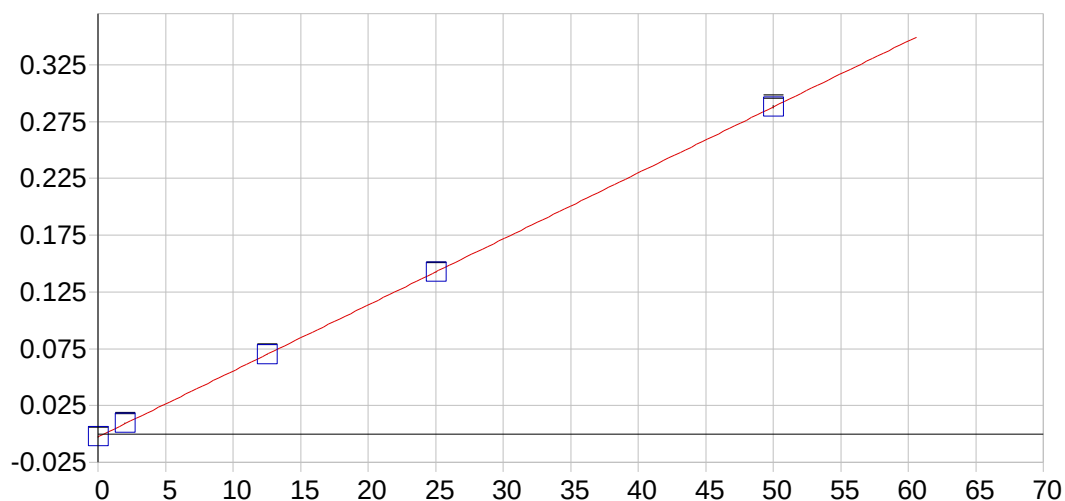


Zn 213.856 {458}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002608 Re-Slope: 1.000000
 A1 (Gain): 2.078314 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000566
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00260	.000	1
S1	.04000	.04565	.006	14.1	.09806	.000	1
S3	1.2500	1.2594	.009	.748	2.6365	.001	1
S4	2.5000	2.5139	.014	.556	5.2605	.008	1
S5	5.0000	4.9711	-.029	-.578	10.400	.006	1



K 766.490 {44}

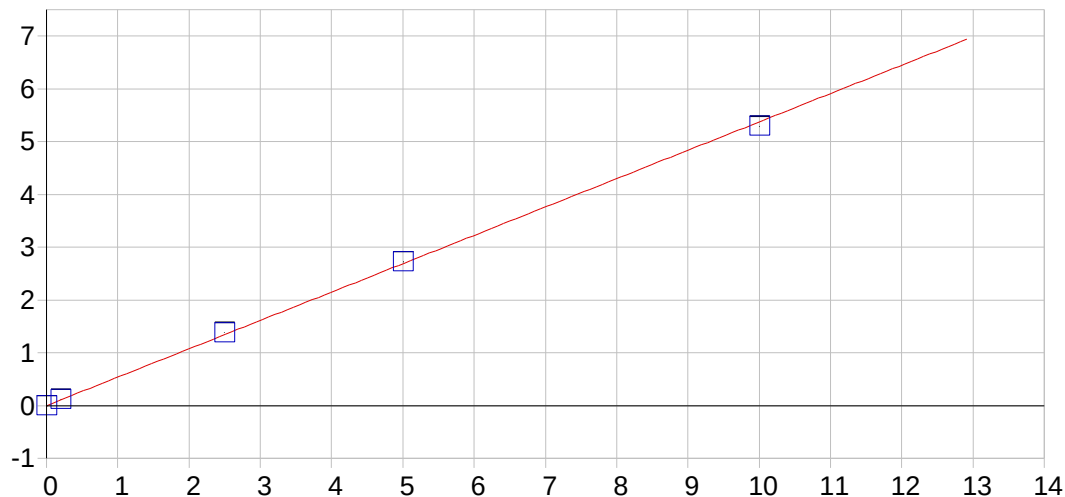
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002720 Re-Slope: 1.000000
 A1 (Gain): 0.005811 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000021
 Predicted MDL: 0.042012
 Predicted MQL: 0.140040

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0881	.088	4.41	.00941	.000	1
S0	.00000	-.00008	-.000	.000	-.00272	.000	1
S3	12.500	12.484	-.016	-.131	.06982	.000	1
S4	25.000	24.932	-.068	-.273	.14216	.000	1
S5	50.000	49.996	-.004	-.007	.28781	.001	1



Mo 202.030 {467}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

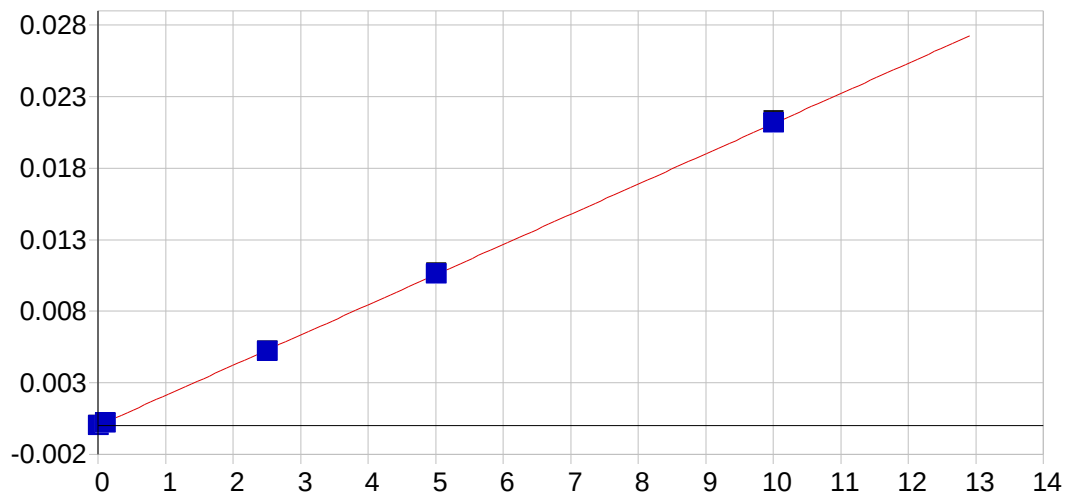
Weighting: 1/Conc

A0 (Offset): 0.000045
 A1 (Gain): 0.537310
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831
 Std Error of Est: 0.000759
 Predicted MDL: 0.000261
 Predicted MQL: 0.000869

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00004	.000	1
S1	.20000	.21234	.012	6.17	.11414	.000	1
S3	2.5000	2.5710	.071	2.84	1.3815	.004	1
S4	5.0000	5.0679	.068	1.36	2.7231	.005	1
S5	10.000	9.8488	-.151	-1.51	5.2919	.006	1

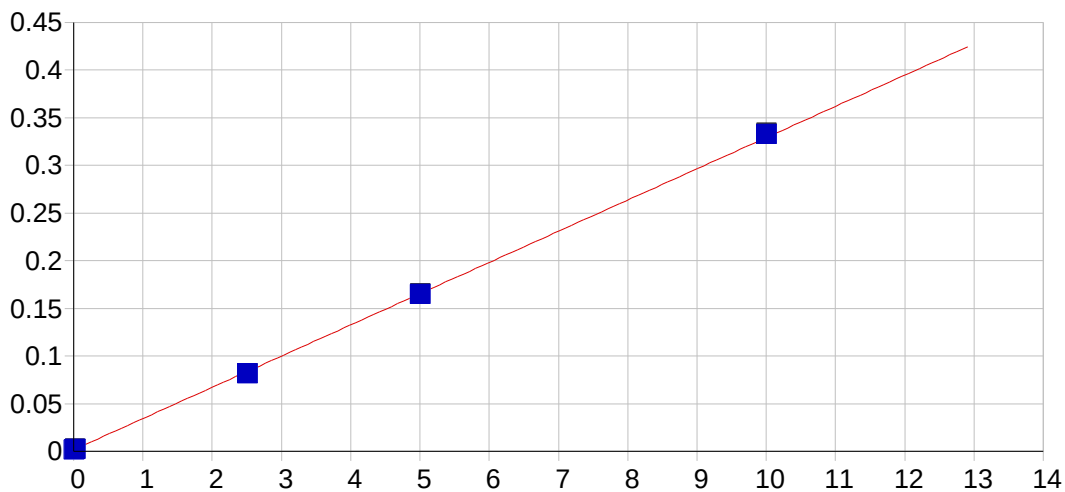


B 249.678 {135}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.002110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.010818
 Predicted MQL: 0.036060

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00000	.000	1
S1	.10000	.08322	-.017	-16.8	.00018	.000	1
S3	2.5000	2.4596	-.040	-1.62	.00518	.000	1
S4	5.0000	5.0273	.027	.547	.01059	.000	1
S5	10.000	10.030	.030	.298	.02112	.000	1



S 182.034 {485}

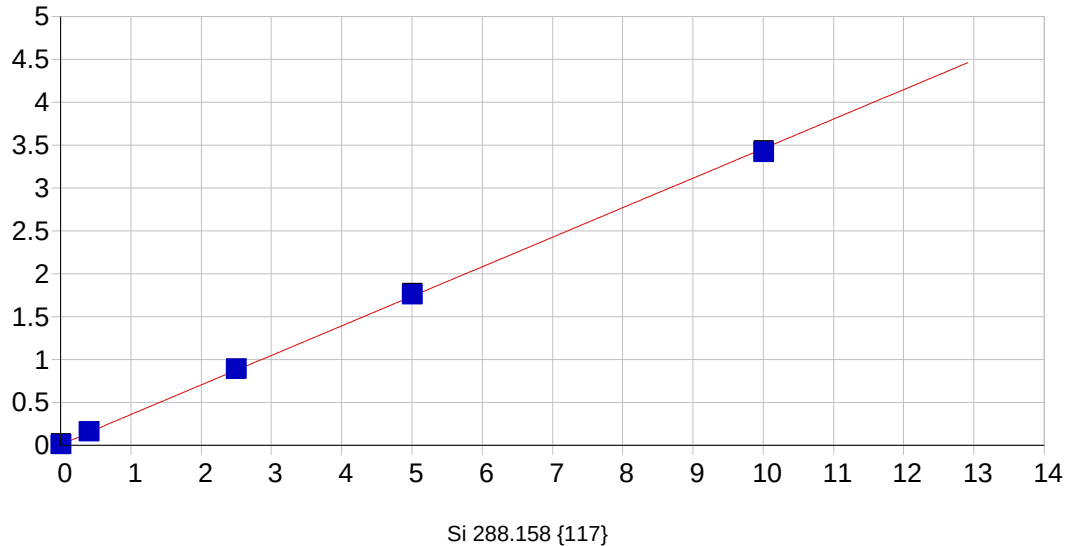
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001618 Re-Slope: 1.000000
 A1 (Gain): 0.032761 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.000015
 Predicted MDL: 0.002669
 Predicted MQL: 0.008896

Status: OK.

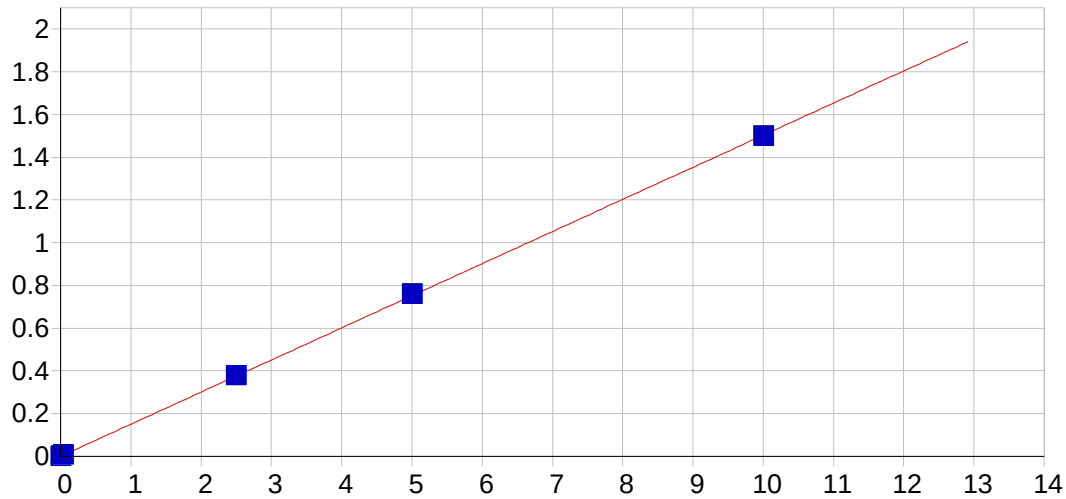
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00162	.000	1
S1	.02000	.01256	-.007	-37.2	.00201	.000	1
S3	2.5000	2.4297	-.070	-2.81	.08113	.000	1
S4	5.0000	4.9723	-.028	-.554	.16433	.000	1
S5	10.000	10.105	.105	1.05	.33230	.001	1



Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011116 Re-Slope: 1.000000
 A1 (Gain): 0.344567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000567
 Predicted MDL: 0.002411
 Predicted MQL: 0.008038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01111	.000	1
S1	.40000	.42177	.022	5.44	.15633	.001	1
S3	2.5000	2.5374	.037	1.50	.88497	.003	1
S4	5.0000	5.0638	.064	1.28	1.7550	.014	1
S5	10.000	9.8770	-.123	-1.23	3.4126	.015	1

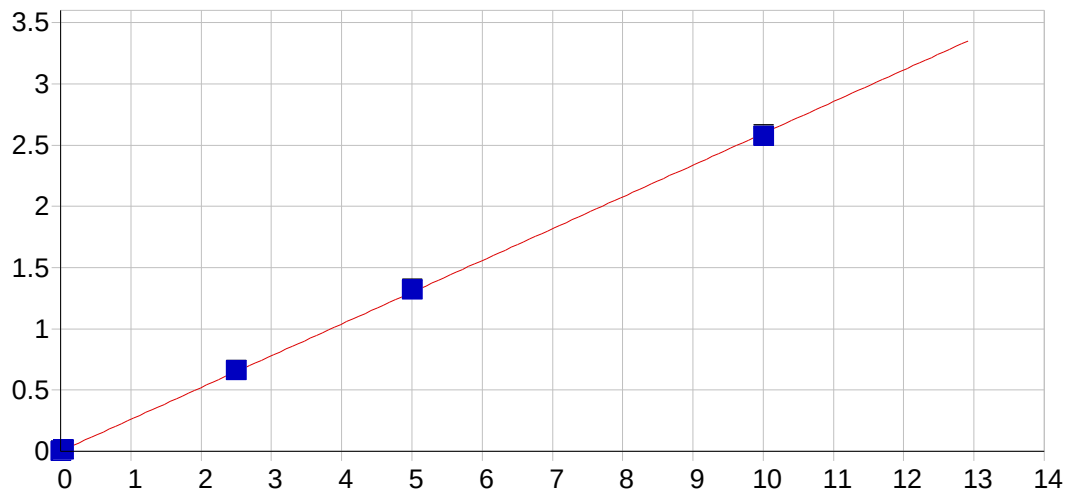


Sn 189.989 {477}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000398 Re-Slope: 1.000000
 A1 (Gain): 0.150316 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000616
 Predicted MQL: 0.002054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.04000	.03802	-.002	-4.95	.00611	.000	1
S3	2.5000	2.5003	.000	.012	.37630	.001	1
S4	5.0000	5.0362	.036	.723	.75755	.002	1
S5	10.000	9.9655	-.034	-.345	1.4986	.001	1



Ti 336.121 {100}

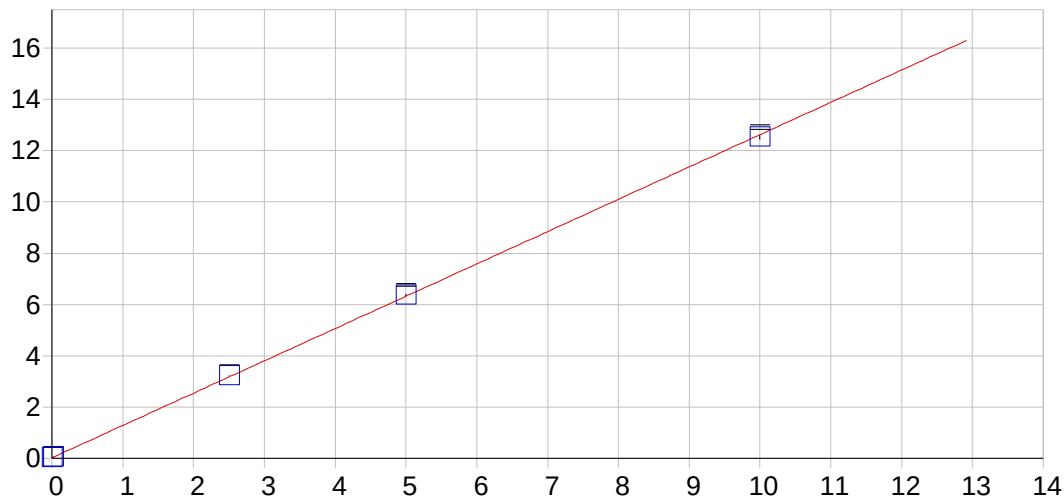
Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001864 Re-Slope: 1.000000
 A1 (Gain): 0.259339 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000100
 Predicted MDL: 0.001882
 Predicted MQL: 0.006275

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00186	.000	1
S1	.04000	.04024	.000	.595	.01229	.001	1
S3	2.5000	2.5270	.027	1.08	.65713	.001	1
S4	5.0000	5.0700	.070	1.40	1.3165	.004	1
S5	10.000	9.9028	-.097	-.972	2.5697	.013	1



Li 670.784 { 50}

Date of Fit: 4/25/2019 16:53:09

Type of Fit: Linear

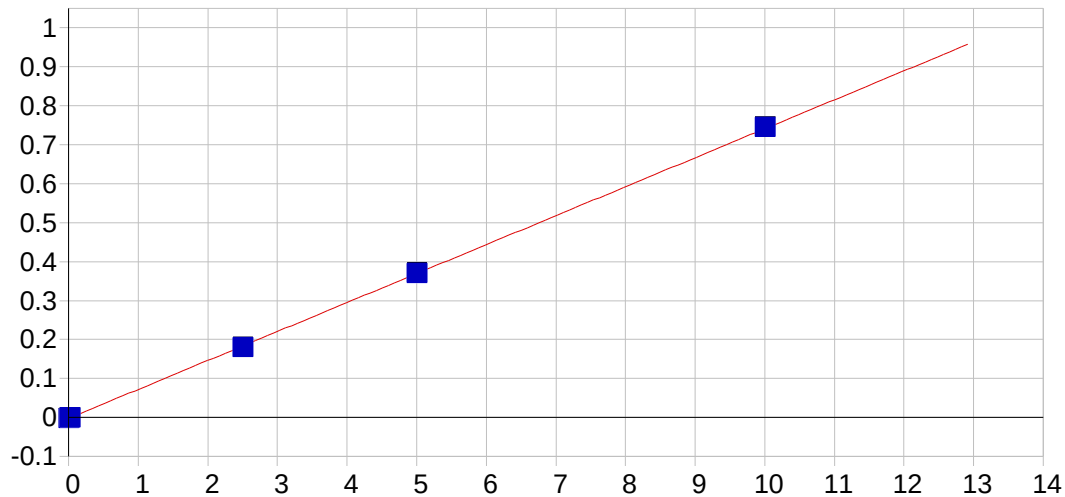
Weighting: 1/Conc

A0 (Offset): 0.021023
 A1 (Gain): 1.260327
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000381
 Predicted MDL: 0.001835
 Predicted MQL: 0.006115

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	.02102	.001	1
S1	.02000	.02461	.005	23.0	.05204	.001	1
S3	2.5000	2.5453	.045	1.81	3.2290	.007	1
S4	5.0000	5.0314	.031	.628	6.3622	.047	1
S5	10.000	9.9187	-.081	-.813	12.522	.085	1

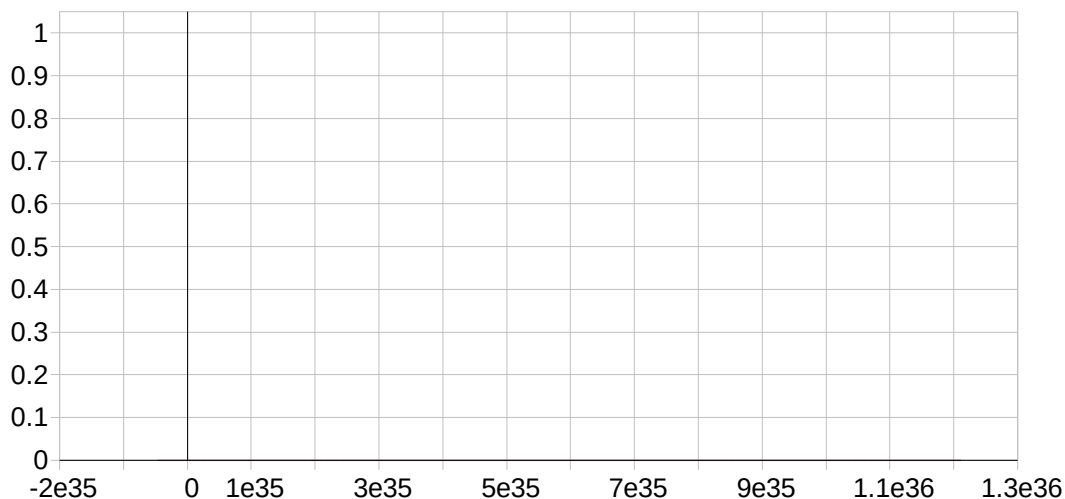


P 177.495 {490}

Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002548 Re-Slope: 1.000000
 A1 (Gain): 0.074353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.001351
 Predicted MQL: 0.004504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00255	.000	1
S1	.02000	.01808	-.002	-9.61	-.00121	.000	1
S3	2.5000	2.4498	-.050	-2.01	.17933	.000	1
S4	5.0000	5.0000	-.000	-.000	.36868	.002	1
S5	10.000	10.052	.052	.522	.74379	.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

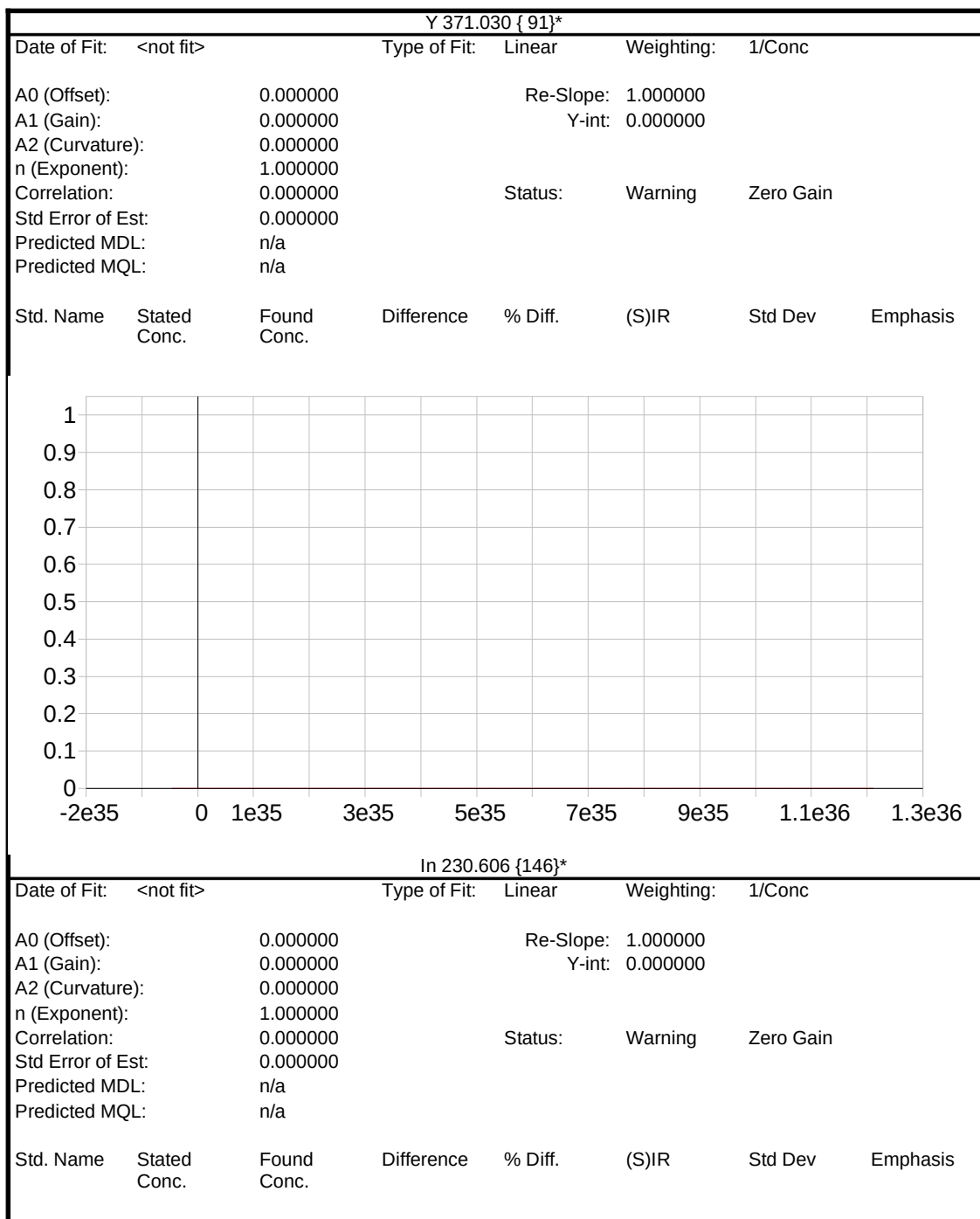
Status: Warning Zero Gain

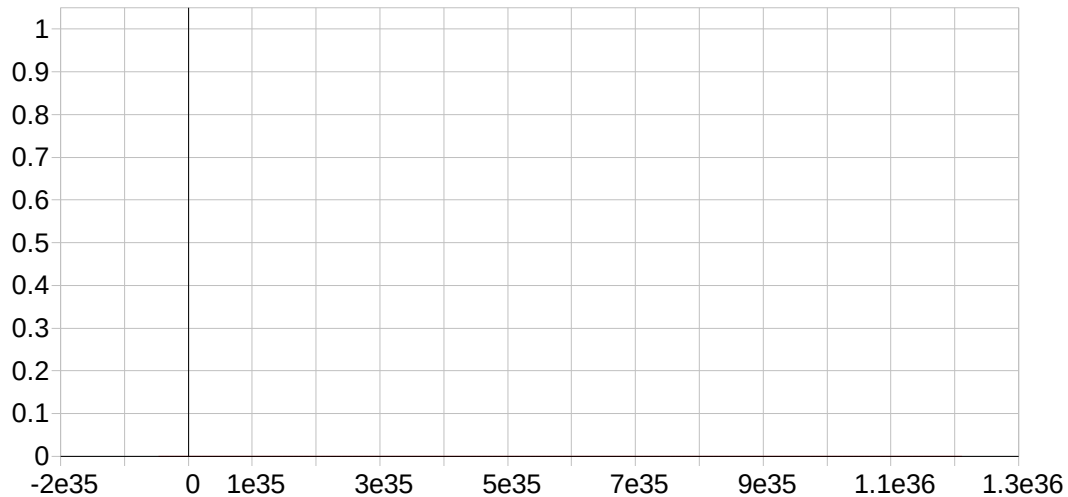
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

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





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

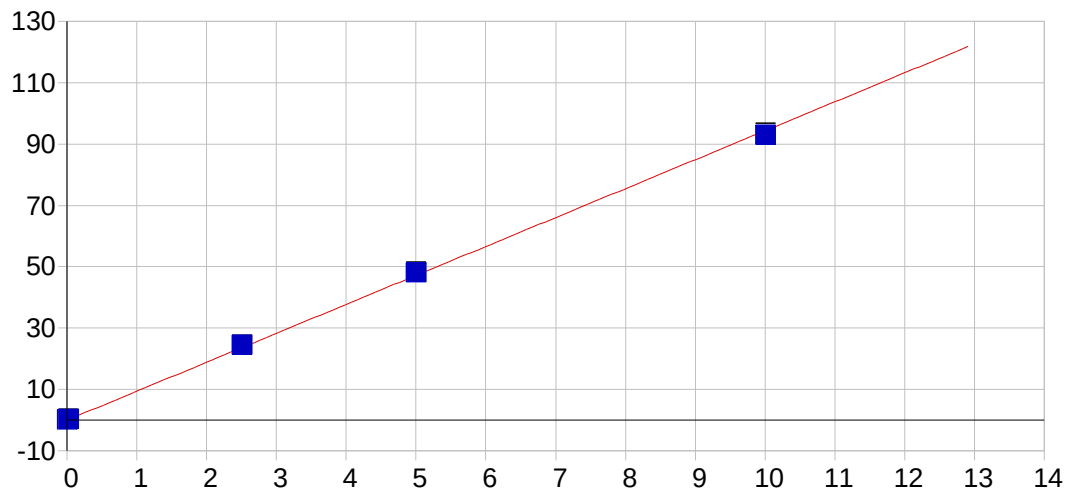
Status: Warning Zero Gain

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: 4/25/2019 16:53:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005337

Re-Slope: 1.000000

A1 (Gain): 9.433705

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999809

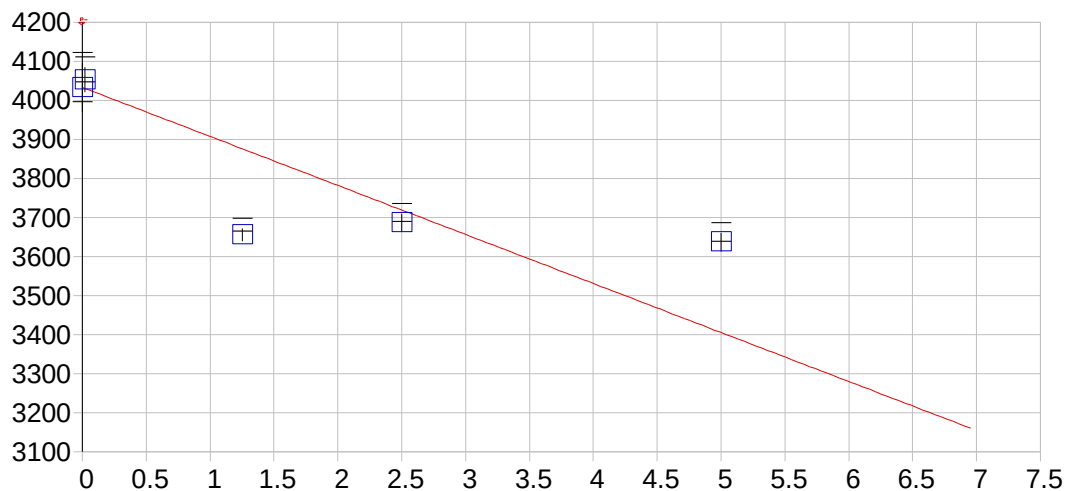
Status: OK.

Std Error of Est: 0.004455

Predicted MDL: 0.000100

Predicted MQL: 0.000334

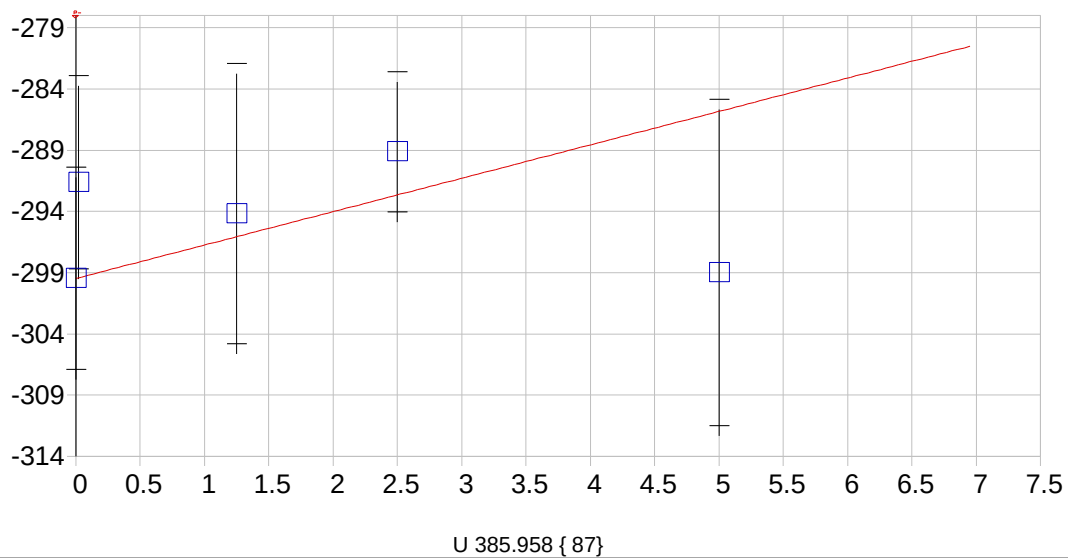
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00535	.001	1
S1	.02000	.02114	.001	5.72	.19517	.000	1
S3	2.5000	2.5796	.080	3.18	24.356	.060	1
S4	5.0000	5.0835	.084	1.67	48.003	.254	1
S5	10.000	9.8357	-.164	-1.64	92.886	.651	1



Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4033.390234 Re-Slope: 1.000000
A1 (Gain): -125.565361 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.805788 Status: Warning Negative Gain
Std Error of Est: 1.576989
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	4033.4	63.1	1
S1	.02000	-.15644	-.176	-882.	4053.0	32.4	1
S3	1.2500	3.0080	1.76	141.	3655.7	17.0	1
S4	2.5000	2.7612	.261	10.4	3686.7	23.1	1
S5	5.0000	3.1572	-1.84	-36.9	3637.0	23.9	1



Date of Fit: 4/25/2019 16:53:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -299.472850 Re-Slope: 1.000000
 A1 (Gain): 2.726515 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.144053 Status: OK.
 Std Error of Est: 0.320067
 Predicted MDL: 4.335222
 Predicted MQL: 14.450740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00286	-.003	.000	-299.48	8.24	1
S1	.02000	2.8757	2.86	14300.	-291.63	7.89	1
S3	1.2500	1.9351	.685	54.8	-294.20	11.4	1
S4	2.5000	3.7847	1.28	51.4	-289.15	5.72	1
S5	5.0000	.17450	-4.83	-96.5	-299.00	13.3	1

Sample Name: S0 Acquired: 4/25/2019 14:09:25 Type: Cal
Method: P4-ICP2(v3070) 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	.00002	-.00005	.00258	-.00010	.00054	.00064	-.00104	.00008
Stddev	.00010	.00006	.00017	.00005	.00008	.00001	.00024	.00003
%RSD	527.48	122.08	6.5600	53.343	14.990	1.1217	22.928	30.520

#1	-.00008	-.00006	.00277	-.00011	.00063	.00064	-.00126	.00009
#2	.00002	.00002	.00244	-.00014	.00054	.00065	-.00107	.00011
#3	.00012	-.00009	.00252	-.00004	.00046	.00064	-.00079	.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	-.00014	.00162	-.00007	-.00029	.00218	.00068	.00025	.00003
Stddev	.00010	.00013	.00008	.00016	.00004	.00000	.00003	.00004
%RSD	71.363	8.2718	105.88	54.537	2.0312	.72669	12.568	140.02

#1	-.00004	.00149	.00001	-.00021	.00221	.00068	.00028	.00004
#2	-.00014	.00176	-.00009	-.00047	.00213	.00067	.00023	.00006
#3	-.00024	.00160	-.00014	-.00018	.00220	.00067	.00022	-.00002

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	-.00514	.00018	.00074	-.00012	.00260	-.00272	.00004	.00000
Stddev	.00012	.00005	.00031	.00009	.00019	.00027	.00004	.00001
%RSD	2.2765	26.051	41.635	75.597	7.4339	9.8343	108.24	326.00

#1	-.00523	.00014	.00039	-.00019	.00280	-.00274	.00002	.00001
#2	-.00501	.00023	.00098	-.00014	.00256	-.00298	.00008	-.00001
#3	-.00518	.00017	.00084	-.00002	.00242	-.00245	.00001	.00002

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	.00162	.01111	.00040	.00186	.02102	-.0025	-.00535	4033.4
Stddev	.00003	.00020	.00006	.00036	.00138	.0002	.00070	63.1
%RSD	1.6220	1.7968	15.808	19.156	6.5759	6.463	13.037	1.5640

#1	.00161	.01118	.00047	.00145	.01943	-.0024	-.00608	3969.3
#2	.00165	.01088	.00034	.00203	.02168	-.0026	-.00468	4095.4
#3	.00159	.01126	.00039	.00211	.02194	-.0027	-.00530	4035.4

Sample Name: S0 Acquired: 4/25/2019 14:09:25 Type: Cal
 Method: P4-ICP2(v3070) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-299.48
Stddev	8.24
%RSD	2.7517

#1	-295.38
#2	-294.10
#3	-308.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5131.1	62683.	5695.4	80.161	5687.4
Stddev	13.0	206.	22.7	2.463	21.2
%RSD	.25293	.32915	.39903	3.0727	.37304

#1	5127.1	62841.	5690.2	83.005	5710.5
#2	5120.5	62450.	5675.8	78.709	5668.8
#3	5145.5	62758.	5720.3	78.768	5682.9

Sample Name: S1 Acquired: 4/25/2019 14:13:51 Type: Cal
Method: P4-ICP2(v3070) 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	.00086	.00560	.00530	.00123	.00639	.00146	.03282	.00466
Stddev	.00007	.00003	.00010	.00013	.00015	.00006	.00012	.00006
%RSD	8.6017	.53478	1.8458	10.460	2.2752	3.9789	.36559	1.1915

#1	.00078	.00561	.00521	.00111	.00630	.00147	.03276	.00465
#2	.00089	.00556	.00528	.00137	.00656	.00151	.03296	.00461
#3	.00092	.00562	.00540	.00122	.00631	.00140	.03274	.00472

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	.02032	.00187	.02683	.01657	.00949	.02501	.01640	.00224
Stddev	.00014	.00007	.00018	.00027	.00005	.00011	.00013	.00008
%RSD	.70344	3.7300	.66858	1.6186	.57546	.42953	.78300	3.5140

#1	.02016	.00181	.02703	.01679	.00955	.02508	.01651	.00217
#2	.02037	.00195	.02678	.01627	.00948	.02508	.01626	.00224
#3	.02043	.00185	.02668	.01665	.00944	.02489	.01644	.00232

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	.00787	.09806	.11414	.00018	.00201	.15633	.00611	.01229
Stddev	.00005	.00026	.00041	.00002	.00004	.00148	.00007	.00055
%RSD	.67312	.26566	.36092	12.532	1.7463	.94773	1.1198	4.4679

#1	.00786	.09818	.11460	.00016	.00205	.15580	.00616	.01288
#2	.00782	.09825	.11383	.00020	.00200	.15518	.00614	.01179
#3	.00792	.09777	.11398	.00018	.00198	.15800	.00603	.01222

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05204	-.0012	.19517	4053.0	-291.63
Stddev	.00113	.0001	.00035	32.4	7.89
%RSD	2.1637	6.454	.17889	.79908	2.7042

#1	.05074	-.0011	.19476	4061.3	-282.87
#2	.05268	-.0013	.19534	4080.5	-298.16
#3	.05270	-.0012	.19539	4017.3	-293.87

Sample Name: S1 Acquired: 4/25/2019 14:13:51 Type: Cal
Method: P4-ICP2(v3070) 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	5041.5	61267.	5574.4	71.266	5441.5
Stddev	5.1	216.	27.6	.933	1.8
%RSD	.10197	.35245	.49513	1.3092	.03239
#1	5035.6	61273.	5598.0	72.336	5441.4
#2	5043.9	61048.	5581.1	70.625	5439.9
#3	5045.0	61480.	5544.0	70.836	5443.4

Sample Name: S2 Acquired: 4/25/2019 14:18:15 Type: Cal
 Method: P4-ICP2(v3070) 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	.09716	.00160	.04888	.00941
Stddev	.00050	.00003	.00056	.00036
%RSD	.51412	1.7317	1.1557	3.7779

#1	.09683	.00158	.04837	.00947
#2	.09773	.00159	.04879	.00903
#3	.09690	.00164	.04949	.00974

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	62131.	5635.9
Stddev	92.	29.2
%RSD	.14888	.51747

#1	62169.	5604.4
#2	62199.	5641.2
#3	62026.	5662.0

Sample Name: S3 Acquired: 4/25/2019 14:22:26 Type: Cal
Method: P4-ICP2(v3070) 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	.10411	.35080	.60806	.15248	.28997	.03378	1.6600	.09401
Stddev	.00027	.00058	.00017	.00028	.00077	.00020	.0022	.00026
%RSD	.26232	.16671	.02722	.18187	.26675	.59457	.13480	.28106

#1	.10382	.35018	.60806	.15218	.28934	.03383	1.6602	.09428
#2	.10415	.35087	.60789	.15273	.28973	.03356	1.6576	.09376
#3	.10436	.35134	.60822	.15253	.29083	.03395	1.6621	.09398

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3244	.54863	.09347	1.1808	.42575	.20780	1.3832	.00909
Stddev	.0024	.00203	.00029	.0013	.00053	.00043	.0014	.00006
%RSD	.05510	.36980	.31453	.11021	.12447	.20582	.09912	.69144

#1	4.3217	.54673	.09338	1.1805	.42519	.20752	1.3840	.00912
#2	4.3259	.55077	.09324	1.1822	.42624	.20759	1.3816	.00913
#3	4.3257	.54839	.09380	1.1796	.42583	.20829	1.3840	.00902

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	.68405	.12694	.28133	.24906	2.6365	.06982	1.3815	.00518
Stddev	.00050	.00020	.00034	.00034	.0008	.00036	.0035	.00000
%RSD	.07241	.16089	.11948	.13771	.02883	.52163	.25344	.02979

#1	.68462	.12717	.28141	.24869	2.6362	.06982	1.3790	.00518
#2	.68371	.12679	.28162	.24911	2.6374	.06946	1.3855	.00518
#3	.68382	.12685	.28096	.24937	2.6360	.07019	1.3799	.00518

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	.08113	.88497	.37630	.65713	3.2290	.1793	24.356	3655.7
Stddev	.00013	.00297	.00077	.00124	.0073	.0004	.060	17.0
%RSD	.16581	.33534	.20420	.18907	.22552	.2457	.24561	.46395

#1	.08128	.88158	.37559	.65853	3.2212	.1797	24.289	3675.0
#2	.08102	.88627	.37619	.65668	3.2357	.1788	24.404	3643.2
#3	.08109	.88707	.37712	.65617	3.2300	.1794	24.375	3648.8

Sample Name: S3 Acquired: 4/25/2019 14:22:26 Type: Cal
 Method: P4-ICP2(v3070) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-294.20
Stddev	11.45
%RSD	3.8918

#1	-293.09
#2	-283.34
#3	-306.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4988.1	60880.	5668.5	70.163	5085.5
Stddev	17.4	208.	31.6	.803	14.4
%RSD	.34910	.34116	.55706	1.1444	.28400

#1	4991.5	60720.	5676.9	70.615	5083.0
#2	4969.3	60806.	5633.5	70.639	5072.5
#3	5003.6	61115.	5695.0	69.236	5101.0

Sample Name: S4 Acquired: 4/25/2019 14:26:25 Type: Cal
Method: P4-ICP2(v3070) 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	.20387	.68966	1.1901	.29828	.56672	.06673	3.2991	.18413
Stddev	.00038	.00110	.0014	.00080	.00156	.00037	.0156	.00057
%RSD	.18537	.15912	.11346	.26712	.27564	.56077	.47384	.31191

#1	.20389	.69082	1.1915	.29889	.56634	.06631	3.2817	.18475
#2	.20424	.68864	1.1901	.29857	.56844	.06682	3.3120	.18402
#3	.20349	.68952	1.1888	.29738	.56538	.06704	3.3037	.18362

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	8.6166	1.0726	.18445	2.3494	.82724	.40404	2.7431	.01793
Stddev	.0072	.0020	.00042	.0045	.00213	.00067	.0027	.00015
%RSD	.08374	.18645	.22867	.18946	.25804	.16572	.09784	.82617

#1	8.6224	1.0718	.18426	2.3530	.82621	.40426	2.7409	.01776
#2	8.6085	1.0711	.18493	2.3444	.82970	.40458	2.7423	.01805
#3	8.6188	1.0748	.18415	2.3508	.82582	.40329	2.7461	.01797

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	1.3673	.24832	.55399	.49084	5.2605	.14216	2.7231	.01059
Stddev	.0011	.00072	.00290	.00048	.0083	.00037	.0045	.00007
%RSD	.07947	.29065	.52286	.09720	.15738	.26117	.16530	.63261

#1	1.3684	.24914	.55066	.49091	5.2677	.14173	2.7194	.01052
#2	1.3662	.24782	.55583	.49128	5.2514	.14243	2.7281	.01065
#3	1.3673	.24799	.55550	.49034	5.2623	.14232	2.7218	.01060

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	.16433	1.7550	.75755	1.3165	6.3622	.3687	48.003	3686.7
Stddev	.00041	.0140	.00220	.0037	.0471	.0015	.254	23.1
%RSD	.25076	.79485	.28984	.27928	.74054	.4128	.52850	.62755

#1	.16478	1.7690	.75930	1.3196	6.4133	.3699	48.282	3679.3
#2	.16398	1.7411	.75508	1.3176	6.3204	.3670	47.787	3668.1
#3	.16423	1.7549	.75826	1.3125	6.3529	.3692	47.940	3712.6

Sample Name: S4 Acquired: 4/25/2019 14:26:25 Type: Cal
Method: P4-ICP2(v3070) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-289.15
Stddev	5.72
%RSD	1.9787

#1	-286.44
#2	-295.73
#3	-285.29

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4869.9	59016.	5526.5	68.477	4831.8
Stddev	8.4	247.	56.7	1.405	3.8
%RSD	.17176	.41895	1.0269	2.0518	.07917

#1	4874.8	58841.	5461.1	67.459	4827.5
#2	4860.3	58907.	5554.9	70.080	4834.9
#3	4874.7	59299.	5563.4	67.892	4832.9

Sample Name: S5 Acquired: 4/25/2019 14:30:24 Type: Cal
Method: P4-ICP2(v3070) 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	.39926	1.3362	2.3304	.57906	1.1051	.13134	6.4193	.35700
Stddev	.00101	.0014	.0017	.00051	.0016	.00082	.0200	.00056
%RSD	.25205	.10468	.07389	.08733	.14377	.62685	.31162	.15819
#1	.39811	1.3347	2.3313	.57960	1.1045	.13118	6.4131	.35702
#2	.39969	1.3374	2.3284	.57860	1.1039	.13061	6.4416	.35642
#3	.39998	1.3365	2.3315	.57898	1.1069	.13223	6.4030	.35755
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	16.992	2.0827	.35723	4.6496	1.5864	.77918	5.2632	.03494
Stddev	.007	.0063	.00058	.0034	.0025	.00304	.0250	.00031
%RSD	.03921	.30073	.16117	.07278	.15964	.38992	.47504	.87735
#1	16.998	2.0802	.35722	4.6532	1.5859	.77937	5.2491	.03464
#2	16.985	2.0781	.35666	4.6465	1.5842	.77606	5.2484	.03494
#3	16.994	2.0898	.35782	4.6492	1.5892	.78212	5.2921	.03525
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7016	.48657	1.0987	.96649	10.400	.28781	5.2919	.02112
Stddev	.0021	.00040	.0036	.00230	.006	.00138	.0056	.00012
%RSD	.07713	.08297	.32290	.23778	.05994	.48024	.10662	.59173
#1	2.7011	.48647	1.0958	.96710	10.408	.28737	5.2873	.02104
#2	2.7039	.48623	1.0976	.96396	10.396	.28670	5.2901	.02106
#3	2.6999	.48702	1.1026	.96843	10.397	.28936	5.2982	.02127
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	.33230	3.4126	1.4986	2.5697	12.522	.7438	92.886	3637.0
Stddev	.00105	.0154	.0008	.0127	.085	.0016	.651	23.9
%RSD	.31545	.45178	.05435	.49478	.68179	.2212	.70044	.65808
#1	.33306	3.4275	1.4993	2.5783	12.592	.7444	93.312	3609.7
#2	.33275	3.3967	1.4989	2.5551	12.427	.7450	92.137	3646.9
#3	.33111	3.4136	1.4977	2.5757	12.547	.7419	93.208	3654.3

Sample Name: S5 Acquired: 4/25/2019 14:30:24 Type: Cal
Method: P4-ICP2(v3070) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-299.00
Stddev	13.34
%RSD	4.4623

#1	-292.68
#2	-314.32
#3	-289.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4808.7	58461.	5544.1	68.994	4629.7
Stddev	8.6	87.	34.5	1.454	3.5
%RSD	.17897	.14928	.62257	2.1080	.07581

#1	4806.6	58377.	5504.2	67.765	4627.3
#2	4818.2	58551.	5562.9	68.618	4633.8
#3	4801.4	58455.	5565.1	70.600	4628.1

Sample Name: ICV01 Acquired: 4/25/2019 14:34:47 Type: Unk
Method: P4-ICP2(v3070) 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	1.0264	1.0695	1.0197	1.0430	1.0119	2.4222	.49744
Stddev	.0057	.0074	.0048	.0072	.0060	.0338	.00168
%RSD	.55377	.69597	.47036	.68639	.59322	1.3940	.33819
#1	1.0308	1.0754	1.0246	1.0508	1.0176	2.4573	.49602
#2	1.0284	1.0721	1.0196	1.0367	1.0124	2.4194	.49930
#3	1.0200	1.0612	1.0150	1.0414	1.0057	2.3900	.49700
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49160	.49561	10.276	.50321	.50078	.53047	5.1342
Stddev	.00126	.00051	.025	.00132	.00144	.00280	.0054
%RSD	.25733	.10294	.24225	.26288	.28680	.52836	.10585
#1	.49305	.49608	10.248	.50462	.50166	.53370	5.1371
#2	.49075	.49507	10.283	.50200	.50155	.52910	5.1279
#3	.49098	.49568	10.296	.50301	.49912	.52862	5.1376
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51082	5.9971	.50203	.51080	9.9009	.49668	1.0402
Stddev	.00288	.0262	.00292	.00127	.0361	.00092	.0009
%RSD	.56430	.43711	.58250	.24937	.36421	.18466	.08689
#1	.51412	6.0051	.50477	.50935	9.8607	.49763	1.0413
#2	.50877	6.0185	.50236	.51176	9.9303	.49661	1.0399
#3	.50958	5.9679	.49895	.51128	9.9117	.49580	1.0396
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8991	2.4787	2.4102	F -.01255	2.4554	2.4022	2.4806
Stddev	.0583	.0095	.0232	.00135	.0197	.0125	.0143
%RSD	.58919	.38482	.96219	10.785	.80093	.51985	.57751
#1	9.9344	2.4889	2.3834	-.01252	2.4517	2.4131	2.4740
#2	9.9312	2.4771	2.4246	-.01122	2.4378	2.4050	2.4708
#3	9.8318	2.4700	2.4225	-.01392	2.4766	2.3886	2.4970

Sample Name: ICV01 Acquired: 4/25/2019 14:34:47 Type: Unk
Method: P4-ICP2(v3070) 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 .00297	F .0024	F .00657	F 1.1201	F 2.9880
Stddev	.00144	.0007	.00001	.2781	4.3330
%RSD	48.351	28.82	.13504	24.826	145.01
#1	.00161	.0017	.00658	.79967	6.0048
#2	.00447	.0025	.00656	1.2622	-1.9771
#3	.00283	.0030	.00656	1.2984	4.9363
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5123.5	62936.	5754.2	71.807	5331.2
Stddev	16.7	341.	27.8	2.719	12.6
%RSD	.32679	.54158	.48296	3.7865	.23642
#1	5106.6	62581.	5731.2	70.756	5318.2
#2	5123.9	62964.	5785.1	74.895	5332.1
#3	5140.1	63261.	5746.3	69.771	5343.3

Sample Name: LLICV01 Acquired: 4/25/2019 14:38:52 Type: Unk
Method: P4-ICP2(v3070) 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	.01973	.04384	.01250	.02248	.05569	.09610	.10801
Stddev	.00203	.00052	.00110	.00051	.00034	.00596	.00100
%RSD	10.262	1.1959	8.7905	2.2852	.60749	6.2051	.92761

#1	.01980	.04429	.01172	.02225	.05600	.10207	.10907
#2	.01768	.04397	.01376	.02213	.05574	.09014	.10787
#3	.02172	.04327	.01203	.02307	.05533	.09610	.10708

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00641	.00612	2.1453	.01091	.03015	.02222	.10890
Stddev	.00009	.00008	.0153	.00041	.00011	.00022	.00053
%RSD	1.3984	1.2265	.71211	3.7320	.37195	1.0064	.48947

#1	.00636	.00619	2.1283	.01135	.03023	.02222	.10878
#2	.00635	.00604	2.1578	.01083	.03020	.02245	.10948
#3	.00651	.00613	2.1498	.01055	.03003	.02200	.10843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02271	2.0957	.04044	.01029	2.1066	.04116	.04021
Stddev	.00022	.0122	.00023	.00021	.0120	.00019	.00017
%RSD	.97490	.58217	.56286	2.0330	.56842	.46647	.42137

#1	.02255	2.0868	.04042	.01024	2.1097	.04136	.04039
#2	.02260	2.1096	.04023	.01052	2.1167	.04097	.04006
#3	.02296	2.0907	.04068	.01011	2.0934	.04115	.04017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0148	.21504	.11529	F -.00129	F .62267	.03935	.04289
Stddev	.0121	.00046	.00854	.00117	.00261	.00127	.00147
%RSD	.60056	.21160	7.4049	90.947	.41923	3.2371	3.4303

#1	2.0052	.21533	.10740	-.00132	.62012	.03917	.04442
#2	2.0284	.21451	.11411	-.00244	.62254	.04070	.04276
#3	2.0108	.21527	.12435	-.00010	.62534	.03817	.04149

Sample Name: LLICV01 Acquired: 4/25/2019 14:38:52 Type: Unk
 Method: P4-ICP2(v3070) 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	.02128	.0203	.02155	F 1.5067	F 2.2443
Stddev	.00062	.0015	.00006	.1979	3.5009
%RSD	2.8930	7.573	.25959	13.135	155.99
#1	.02167	.0221	.02151	1.5320	-.83263
#2	.02057	.0191	.02152	1.6907	6.0534
#3	.02159	.0199	.02161	1.2973	1.5120
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5084.3	62278.	5722.2	72.909	5457.7
Stddev	2.1	255.	29.8	1.202	3.1
%RSD	.04098	.40912	.52101	1.6480	.05612
#1	5085.4	62024.	5744.6	74.184	5460.6
#2	5085.6	62276.	5733.6	71.798	5454.5
#3	5081.9	62533.	5688.3	72.745	5457.9

Sample Name: ICB01 Acquired: 4/25/2019 14:43:16 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.00066	.00013	-.00013	-.00007	.00217	-.00012
Stddev	.00085	.00099	.00047	.00277	.00118	.00632	.00062
%RSD	37.130	151.77	369.92	2083.1	1791.4	291.86	526.59

#1	.00226	-.00027	.00062	-.00245	-.00092	.00066	.00059
#2	.00318	.00171	-.00031	-.00088	-.00055	.00910	-.00052
#3	.00147	.00052	.00006	.00293	.00128	-.00327	-.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00009	-.01624	.00029	.00015	-.00010	-.00009
Stddev	.00003	.00002	.01203	.00027	.00018	.00037	.00030
%RSD	2988.7	20.183	74.095	94.186	122.21	385.15	322.09

#1	.00001	.00010	-.02991	.00056	.00024	.00028	-.00039
#2	-.00003	.00007	-.01150	.00030	.00027	-.00011	-.00009
#3	.00002	.00010	-.00729	.00001	-.00006	-.00046	.00020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.03249	-.00017	-.00030	-.02532	.00005	-.00010
Stddev	.00007	.00719	.00027	.00019	.00514	.00039	.00003
%RSD	102.34	22.117	160.60	65.010	20.299	848.25	32.679

#1	.00014	.03763	-.00023	-.00011	-.03034	.00010	-.00007
#2	.00001	.02428	.00013	-.00050	-.02006	-.00037	-.00010
#3	.00005	.03556	-.00040	-.00028	-.02556	.00041	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06546	.00026	-.00313	F -.02460	.00353	-.00040	-.00039
Stddev	.02732	.00012	.00653	.00146	.00229	.00069	.00111
%RSD	41.731	47.078	208.95	5.9166	64.896	173.41	285.53

#1	-.05811	.00033	-.01042	-.02295	.00614	.00022	.00075
#2	-.09569	.00034	.00218	-.02514	.00190	-.00114	-.00045
#3	-.04256	.00012	-.00114	-.02570	.00254	-.00027	-.00147

Sample Name: ICB01 Acquired: 4/25/2019 14:43:16 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00166	.0012	.00003	F .09065	F 2.9370
Stddev	.00099	.0012	.00004	.21643	3.9664
%RSD	59.566	97.28	124.02	238.77	135.05
#1	.00232	.0002	.00008	.22447	7.0159
#2	.00052	.0025	.00001	.20652	2.7016
#3	.00214	.0009	.00001	-.15906	-.90640
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5052.8	62248.	5613.0	72.101	5519.0
Stddev	10.2	68.	10.6	.887	5.6
%RSD	.20156	.10923	.18968	1.2307	.10212
#1	5044.3	62232.	5607.9	73.125	5513.7
#2	5064.1	62189.	5625.3	71.566	5524.9
#3	5049.9	62322.	5605.9	71.611	5518.4

Sample Name: CRI01 Acquired: 4/25/2019 14:47:43 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02069	.04418	.01244	.02305	.05340	.10387	.10650
Stddev	.00120	.00112	.00114	.00100	.00119	.01140	.00138
%RSD	5.7966	2.5255	9.1499	4.3414	2.2277	10.972	1.2927

#1	.01935	.04529	.01367	.02314	.05395	.11474	.10764
#2	.02167	.04306	.01223	.02400	.05422	.09201	.10497
#3	.02104	.04418	.01142	.02200	.05204	.10486	.10690

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	.00614	2.2038	.01096	.03018	.02259	.10983
Stddev	.00002	.00007	.0204	.00029	.00011	.00031	.00015
%RSD	.24737	1.0825	.92797	2.6725	.37256	1.3713	.13484

#1	.00645	.00621	2.2254	.01122	.03019	.02242	.10974
#2	.00642	.00608	2.1847	.01101	.03006	.02295	.11000
#3	.00642	.00614	2.2011	.01064	.03028	.02241	.10975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02313	2.0770	.04084	.01043	2.1058	.04229	.04052
Stddev	.00033	.0396	.00036	.00038	.0102	.00041	.00004
%RSD	1.4251	1.9045	.87068	3.6183	.48473	.96246	.08877

#1	.02348	2.0586	.04089	.01074	2.1168	.04273	.04049
#2	.02311	2.1224	.04116	.01054	2.0966	.04222	.04051
#3	.02282	2.0500	.04046	.01001	2.1039	.04192	.04056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0514	.21771	.09056	F -.00286	F .62833	.03867	.04096
Stddev	.0194	.00049	.01603	.00232	.00427	.00046	.00224
%RSD	.94431	.22607	17.703	81.173	.67899	1.1800	5.4708

#1	2.0385	.21778	.07216	-.00313	.63282	.03893	.04057
#2	2.0421	.21817	.09803	-.00042	.62783	.03815	.03894
#3	2.0737	.21719	.10151	-.00504	.62434	.03894	.04337

Sample Name: CRI01 Acquired: 4/25/2019 14:47:43 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02391	.0221	.02173	F 1.1007	F 2.3053
Stddev	.00098	.0017	.00002	.3856	1.6668
%RSD	4.1036	7.681	.07778	35.033	72.307
#1	.02309	.0232	.02173	1.4148	4.0203
#2	.02364	.0202	.02174	.67035	.69123
#3	.02500	.0230	.02171	1.2170	2.2042
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5014.3	61280.	5537.2	72.227	5380.0
Stddev	13.8	475.	14.9	1.259	4.2
%RSD	.27541	.77478	.26922	1.7428	.07724
#1	5008.5	60735.	5528.6	72.902	5378.7
#2	5004.3	61504.	5528.6	73.005	5376.6
#3	5030.1	61601.	5554.5	70.775	5384.6

Sample Name: ICSA01 Acquired: 4/25/2019 14:52:08 Type: Unk
 Method: P4-ICP2(v3070) 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	-.00294	.00514	.00031	.01892	.00612	215.46	.00765	.00343
Stddev	.00077	.00163	.00043	.00313	.00049	.68	.00046	.00004
%RSD	26.301	31.780	138.44	16.534	8.0609	.31471	5.9593	1.1772
#1	-.00205	.00590	.00065	.01851	.00581	215.02	.00817	.00339
#2	-.00340	.00625	-.00017	.01602	.00586	216.24	.00749	.00343
#3	-.00337	.00326	.00045	.02224	.00669	215.11	.00730	.00347
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	251.53	.04872	-.00065	.00444	96.027	.01482	276.04
Stddev	.00015	.55	.00049	.00008	.00027	.216	.00014	.93
%RSD	10.076	.21801	1.0116	12.286	5.9650	.22462	.96733	.33755
#1	-.00160	251.31	.04873	-.00055	.00415	95.835	.01494	275.78
#2	-.00131	251.13	.04922	-.00069	.00467	96.260	.01466	277.08
#3	-.00151	252.16	.04823	-.00069	.00451	95.987	.01485	275.28
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00500	-.00737	.03263	.00183	-.01216	-.07851	.00012	.06060
Stddev	.00029	.00039	.00825	.00036	.00013	.00657	.00017	.00975
%RSD	5.8698	5.2395	25.278	19.514	1.0633	8.3668	150.08	16.082
#1	-.00525	-.00749	.02698	.00224	-.01207	-.07335	-.00003	.06904
#2	-.00509	-.00693	.02882	.00155	-.01231	-.08591	.00007	.06284
#3	-.00468	-.00767	.04209	.00172	-.01210	-.07627	.00031	.04993
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00241	.00284	-.00097	.01192	.0034	-.00112	4.5173
Stddev	.00351	.00108	.00122	.00129	.00111	.0008	.00049	.3952
%RSD	436.82	44.851	42.948	133.37	9.2714	25.26	43.572	8.7492
#1	.00066	-.00202	.00164	-.00186	.01228	.0034	-.00080	4.1185
#2	-.00263	-.00362	.00408	.00051	.01280	.0025	-.00169	4.9088
#3	.00438	-.00157	.00280	-.00155	.01068	.0042	-.00088	4.5245

Sample Name: ICSA01 Acquired: 4/25/2019 14:52:08 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.294
Stddev	1.929
%RSD	17.082

#1	9.3672
#2	13.226
#3	11.289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4553.1	55635.	5477.1	68.100	4354.7
Stddev	1.6	109.	19.3	.485	2.7
%RSD	.03525	.19531	.35193	.71157	.06274

#1	4553.8	55597.	5462.0	68.413	4351.6
#2	4551.3	55551.	5498.8	68.345	4356.8
#3	4554.3	55758.	5470.5	67.542	4355.7

Sample Name: ICSAB01 Acquired: 4/25/2019 14:56:46 Type: Unk
Method: P4-ICP2(v3070) 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	.10609	.12029	.05402	.07654	.66312	204.48	.58406
Stddev	.00052	.00118	.00113	.00292	.00241	.31	.00252
%RSD	.49129	.97938	2.0864	3.8183	.36270	.15171	.43082

#1	.10655	.12158	.05351	.07944	.66488	204.26	.58391
#2	.10553	.11927	.05324	.07658	.66410	204.83	.58665
#3	.10621	.12003	.05531	.07359	.66038	204.34	.58162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57697	1.0871	232.82	.58660	.53581	.53888	90.815
Stddev	.00102	.0018	1.22	.00017	.00241	.00137	.132
%RSD	.17645	.16925	.52557	.02851	.45010	.25396	.14587

#1	.57698	1.0872	231.45	.58640	.53828	.53988	90.777
#2	.57595	1.0853	233.20	.58670	.53346	.53732	90.962
#3	.57798	1.0890	233.80	.58669	.53571	.53943	90.705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55843	256.28	1.0547	.21946	.01223	.54499	1.1291
Stddev	.00251	.45	.0030	.00027	.01126	.00140	.0015
%RSD	.45000	.17453	.28164	.12419	92.012	.25626	.13235

#1	.55961	255.86	1.0570	.21951	.01189	.54472	1.1298
#2	.56014	256.21	1.0513	.21917	.02366	.54375	1.1274
#3	.55555	256.75	1.0556	.21970	.00115	.54651	1.1301

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04046	F .38729	F .45565	F .37731	F .35597	F .39052	F .38416
Stddev	.00572	.00116	.01209	.00084	.00371	.00146	.00224
%RSD	14.132	.29997	2.6531	.22136	1.0410	.37402	.58289

#1	-.04522	.38863	.44750	.37676	.35820	.39211	.38367
#2	-.04205	.38667	.44991	.37690	.35802	.38924	.38221
#3	-.03412	.38657	.46954	.37827	.35169	.39020	.38661

Sample Name: ICSAB01 Acquired: 4/25/2019 14:56:46 Type: Unk
Method: P4-ICP2(v3070) 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 .00912	F .0034	F -.00322	3.9103	9.9871
Stddev	.00263	.0005	.00021	.3731	3.7872
%RSD	28.790	14.36	6.4940	9.5425	37.921
#1	.00672	.0033	-.00318	3.8653	9.6863
#2	.00873	.0029	-.00345	3.5617	13.916
#3	.01192	.0039	-.00304	4.3039	6.3592
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4542.2	55367.	5461.0	66.080	4359.1
Stddev	3.5	146.	14.6	1.757	2.9
%RSD	.07666	.26303	.26740	2.6592	.06616
#1	4538.6	55277.	5477.7	65.034	4360.1
#2	4542.5	55290.	5454.5	65.098	4361.3
#3	4545.5	55535.	5450.8	68.109	4355.8

Sample Name: CCV01 Acquired: 4/25/2019 15:01:11 Type: Unk
Method: P4-ICP2(v3070) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1667	5.1446	5.1479	5.1982	5.1996	10.324	10.415
Stddev	.0216	.0163	.0082	.0136	.0194	.041	.038
%RSD	.41762	.31642	.15992	.26129	.37364	.39570	.36576

#1	5.1915	5.1473	5.1545	5.2133	5.2215	10.311	10.391
#2	5.1527	5.1593	5.1505	5.1871	5.1930	10.369	10.459
#3	5.1558	5.1271	5.1386	5.1941	5.1843	10.291	10.396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25798	2.5693	25.695	1.0285	2.5604	1.2975	5.1489
Stddev	.00051	.0052	.020	.0030	.0079	.0036	.0050
%RSD	.19864	.20206	.07938	.28895	.30951	.27796	.09801

#1	.25742	2.5721	25.716	1.0320	2.5638	1.3016	5.1526
#2	.25843	2.5724	25.675	1.0267	2.5661	1.2962	5.1510
#3	.25810	2.5633	25.693	1.0269	2.5514	1.2947	5.1432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5995	25.587	2.5622	1.2794	25.572	2.5485	2.5945
Stddev	.0067	.087	.0080	.0033	.072	.0052	.0076
%RSD	.25719	.34111	.31179	.26037	.28186	.20471	.29455

#1	2.6072	25.490	2.5682	1.2803	25.497	2.5538	2.6009
#2	2.5964	25.657	2.5651	1.2823	25.640	2.5482	2.5967
#3	2.5949	25.616	2.5531	1.2758	25.579	2.5434	2.5860

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.376	5.1698	5.0886	5.0744	5.1245	5.0954	5.1437
Stddev	.107	.0140	.0402	.0146	.0217	.0149	.0079
%RSD	.42306	.27059	.78918	.28848	.42297	.29220	.15302

#1	25.294	5.1850	5.1204	5.0863	5.1485	5.1045	5.1358
#2	25.497	5.1667	5.1019	5.0789	5.1064	5.1034	5.1515
#3	25.336	5.1575	5.0434	5.0580	5.1186	5.0782	5.1437

Sample Name: CCV01 Acquired: 4/25/2019 15:01:11 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.1380	5.077	5.1835	F 2.5623	F<.00000
Stddev	.0218	.015	.0085	.0878	1.4402
%RSD	.42363	.2920	.16480	3.4249	97.075

#1	5.1402	5.081	5.1801	2.4659	-1.1807
#2	5.1586	5.089	5.1932	2.6376	-3.0512
#3	5.1152	5.061	5.1772	2.5834	-.21897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4836.1	59040.	5552.6	69.222	4808.5
Stddev	23.0	157.	25.6	1.435	20.5
%RSD	.47485	.26508	.46143	2.0728	.42575

#1	4812.5	58865.	5523.2	70.817	4788.8
#2	4837.4	59089.	5570.1	68.037	4806.9
#3	4858.3	59167.	5564.5	68.812	4829.7

Sample Name: LLCCV01 Acquired: 4/25/2019 15:05:09 Type: Unk
Method: P4-ICP2(v3070) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02010	.04203	.01203	.02175	.05343	.11248	.10479
Stddev	.00095	.00048	.00044	.00158	.00123	.00370	.00030
%RSD	4.7153	1.1425	3.6334	7.2465	2.3042	3.2870	.29031

#1	.02117	.04151	.01156	.02317	.05360	.10842	.10503
#2	.01938	.04246	.01211	.02005	.05457	.11566	.10488
#3	.01973	.04212	.01242	.02202	.05212	.11337	.10444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00639	.00610	2.1271	.01084	.02960	.02216	.11012
Stddev	.00005	.00001	.0058	.00048	.00017	.00016	.00120
%RSD	.78396	.10239	.27200	4.3966	.56040	.73780	1.0865

#1	.00645	.00610	2.1239	.01036	.02951	.02232	.11117
#2	.00636	.00609	2.1237	.01084	.02949	.02215	.10882
#3	.00636	.00610	2.1338	.01131	.02979	.02200	.11037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02302	2.0831	.03994	.01042	2.0499	.04114	.03987
Stddev	.00031	.0438	.00071	.00026	.0066	.00036	.00011
%RSD	1.3379	2.1011	1.7659	2.5401	.31980	.88313	.27844

#1	.02337	2.0465	.03936	.01071	2.0454	.04155	.04000
#2	.02278	2.0713	.03972	.01019	2.0469	.04103	.03983
#3	.02293	2.1316	.04072	.01036	2.0574	.04085	.03979

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9677	.21437	.09808	F -.00548	F .62105	.03876	.04055
Stddev	.0308	.00030	.00473	.00146	.00276	.00047	.00167
%RSD	1.5661	.14196	4.8177	26.687	.44506	1.2019	4.1104

#1	1.9524	.21437	.10346	-.00625	.62422	.03927	.03945
#2	1.9475	.21406	.09458	-.00379	.61915	.03867	.03974
#3	2.0032	.21467	.09621	-.00639	.61977	.03835	.04247

Sample Name: LLCCV01 Acquired: 4/25/2019 15:05:09 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01986	.0212	.02129	F<.00000	F 6.4445
Stddev	.00151	.0003	.00004	.19386	1.2825
%RSD	7.6070	1.552	.16517	17.794	19.901

#1	.02140	.0213	.02133	-1.1785	7.7925
#2	.01838	.0208	.02128	-.86709	5.2395
#3	.01980	.0215	.02126	-1.2228	6.3014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5099.8	62174.	5653.1	71.025	5482.8
Stddev	10.6	281.	25.6	1.576	5.6
%RSD	.20806	.45194	.45304	2.2186	.10132

#1	5105.7	61871.	5653.9	69.791	5476.4
#2	5087.5	62226.	5627.1	72.800	5486.0
#3	5106.1	62426.	5678.3	70.484	5486.0

Sample Name: CCB01 Acquired: 4/25/2019 15:09:35 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00384	.00113	-.00046	.00200	-.00002	.00377	.00002
Stddev	.00134	.00049	.00034	.00185	.00093	.01906	.00041
%RSD	34.851	43.667	74.647	92.437	5890.0	505.63	1819.0

#1	.00238	.00112	-.00019	.00235	.00043	.00169	-.00012
#2	.00411	.00064	-.00034	.00365	-.00109	.02378	-.00030
#3	.00501	.00163	-.00085	.00000	.00061	-.01417	.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00001	-.01461	.00016	.00008	-.00039	.00159
Stddev	.00003	.00008	.00771	.00030	.00015	.00041	.00055
%RSD	27.490	626.22	52.750	183.87	188.72	107.32	34.669

#1	-.00012	-.00009	-.00572	-.00019	-.00009	-.00068	.00123
#2	-.00007	.00000	-.01867	.00034	.00018	.00009	.00132
#3	-.00009	.00006	-.01944	.00034	.00014	-.00057	.00223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03214	-.00048	-.00013	-.03860	.00043	-.00015
Stddev	.00006	.02187	.00009	.00039	.00990	.00021	.00007
%RSD	149.52	68.044	18.910	301.99	25.640	48.693	43.151

#1	-.00002	.02142	-.00043	-.00041	-.04932	.00059	-.00009
#2	.00009	.01769	-.00059	.00032	-.03667	.00050	-.00022
#3	.00004	.05730	-.00043	-.00030	-.02981	.00019	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.11178	.00021	-.00243	F -.02696	.00515	-.00029	-.00195
Stddev	.00963	.00020	.00547	.00118	.00147	.00020	.00184
%RSD	8.6159	93.539	224.67	4.3935	28.468	70.148	94.677

#1	-.10408	.00036	.00388	-.02562	.00542	-.00050	-.00030
#2	-.10868	-.00001	-.00552	-.02743	.00357	-.00027	-.00161
#3	-.12258	.00030	-.00566	-.02785	.00647	-.00010	-.00394

Sample Name: CCB01 Acquired: 4/25/2019 15:09:35 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00223	.0013	-0.00006	F<.00000	F 5.7261
Stddev	.00280	.0004	.00004	.10556	1.3469
%RSD	125.62	32.71	68.250	19.204	23.521

#1	.00029	.0008	-0.00010	-.44757	6.0244
#2	-.00525	.0016	-0.00003	-.65839	6.8988
#3	-.00173	.0015	-0.00004	-.54308	4.2551

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5104.2	62488.	5650.9	71.639	5582.8
Stddev	8.1	107.	2.9	.150	7.5
%RSD	.15794	.17061	.05096	.20910	.13476

#1	5099.3	62581.	5654.1	71.675	5574.4
#2	5113.5	62512.	5650.1	71.768	5588.9
#3	5099.8	62372.	5648.5	71.475	5585.2

Sample Name: LR CHECK 1 Acquired: 4/25/2019 15:14:34 Type: Unk
Method: P4-ICP2(v3070) 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	-.05468	.03859	.06852	.14507	.06700	1897.2	.01045	.04324
Stddev	.00549	.00474	.00437	.00283	.00312	6.1	.00054	.00048
%RSD	10.037	12.284	6.3735	1.9493	4.6549	.32130	5.1887	1.1142

#1	-.05406	.03881	.06400	.14189	.06780	1896.0	.00992	.04290
#2	-.06045	.03375	.07272	.14604	.06964	1903.8	.01042	.04304
#3	-.04953	.04322	.06884	.14730	.06356	1891.7	.01100	.04379

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03266	1645.8	-.09852	.05679	.06780	913.09	-.01236	1969.4
Stddev	.00069	19.8	.00100	.00049	.00270	2.64	.00035	8.1
%RSD	2.1182	1.2046	1.0131	.86675	3.9844	.28925	2.8601	.41179

#1	.03329	1626.8	-.09857	.05623	.07056	910.71	-.01198	1973.0
#2	.03275	1666.4	-.09949	.05707	.06516	915.93	-.01244	1960.1
#3	.03192	1644.2	-.09750	.05709	.06769	912.63	-.01267	1975.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04454	-.14619	1948.4	.01029	.06280	1062.4	-.00829	.17558
Stddev	.00074	.00136	18.6	.00051	.00087	7.1	.00053	.01601
%RSD	1.6708	.93242	.95565	4.9942	1.3892	.67146	6.4054	9.1174

#1	.04431	-.14566	1960.1	.01085	.06377	1065.8	-.00890	.16886
#2	.04394	-.14774	1958.3	.00984	.06208	1067.2	-.00804	.19385
#3	.04538	-.14517	1927.0	.01018	.06254	1054.2	-.00793	.16402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40843	-.01417	.02957	-.04619	.08335	.0458	-.98983	<.00000
Stddev	.01449	.00131	.00202	.00177	.00169	.0046	.00291	.18066
%RSD	3.5479	9.2413	6.8375	3.8424	2.0245	10.12	.29416	92.652

#1	.41751	-.01278	.02724	-.04535	.08201	.0505	-.98717	-.07074
#2	.41606	-.01538	.03069	-.04823	.08279	.0457	-.99294	-.11200
#3	.39172	-.01435	.03078	-.04500	.08525	.0412	-.98938	-.40224

Sample Name: LR CHECK 1 Acquired: 4/25/2019 15:14:34 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	547.79
Stddev	11.84
%RSD	2.1610

#1	555.58
#2	553.63
#3	534.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.5	42563.	4779.9	53.587	2755.1
Stddev	3.7	64.	36.8	.933	1.2
%RSD	.10980	.15105	.77020	1.7408	.04446

#1	3408.5	42629.	4801.2	52.744	2754.5
#2	3403.7	42501.	4737.4	53.429	2754.2
#3	3401.1	42558.	4801.1	54.589	2756.5

Sample Name: LR CHECK 2 Acquired: 4/25/2019 15:19:39 Type: Unk
Method: P4-ICP2(v3070) 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	.00030	-.00907	242.49	.02643	-.03274	-.08420	95.506	-.00136
Stddev	.00030	.00120	.36	.00110	.00112	.00519	.348	.00003
%RSD	100.80	13.238	.14841	4.1720	3.4116	6.1584	.36449	2.4933

#1	.00064	-.01046	242.65	.02712	-.03403	-.08948	95.362	-.00138
#2	.00012	-.00850	242.08	.02516	-.03208	-.07912	95.253	-.00137
#3	.00013	-.00827	242.74	.02701	-.03211	-.08401	95.903	-.00132

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00636	.39044	-.13490	-.00101	259.61	-.67321	42.582	.18951
Stddev	.00004	.03605	.00007	.00010	.34	.02670	.143	.04330
%RSD	.64624	9.2324	.05413	10.060	.13107	3.9663	.33620	22.846

#1	-.00631	.42952	-.13493	-.00106	259.22	-.64695	42.579	.23479
#2	-.00638	.38328	-.13481	-.00107	259.78	-.67234	42.439	.18524
#3	-.00638	.35850	-.13495	-.00089	259.84	-.70033	42.726	.14851

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.635	.00854	.69890	-.04088	34.835	.74013	-.00771	-.00470
Stddev	.050	.00039	.01219	.00008	.166	.03887	.00035	.00247
%RSD	.09959	4.6105	1.7437	.18704	.47711	5.2515	4.5110	52.610

#1	50.688	.00809	.70439	-.04079	34.913	.75898	-.00740	-.00241
#2	50.588	.00877	.70738	-.04092	34.947	.76598	-.00765	-.00732
#3	50.630	.00877	.68494	-.04093	34.644	.69544	-.00809	-.00436

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08358	-.00400	-.00063	.01945	-.00279	.1559	.00230	4.2653
Stddev	.00451	.00162	.00075	.00144	.00037	.0024	.00008	.1038
%RSD	5.4000	40.543	119.20	7.3923	13.254	1.521	3.5637	2.4334

#1	.07877	-.00378	-.00148	.02060	-.00306	.1535	.00222	4.3201
#2	.08426	-.00250	-.00037	.01990	-.00295	.1583	.00238	4.3302
#3	.08772	-.00573	-.00005	.01784	-.00237	.1559	.00231	4.1456

Sample Name: LR CHECK 2 Acquired: 4/25/2019 15:19:39 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.6104
Stddev	.5323
%RSD	20.391

#1	2.2584
#2	3.2227
#3	2.3500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4746.3	62357.	5827.6	75.108	5029.3
Stddev	11.6	19.	51.9	.996	6.9
%RSD	.24356	.03125	.89014	1.3266	.13717

#1	4735.6	62379.	5778.6	74.184	5027.1
#2	4758.5	62348.	5881.9	76.164	5037.0
#3	4744.8	62343.	5822.4	74.975	5023.8

Sample Name: PB119212BS Acquired: 4/25/2019 16:03:44 Type: Unk
Method: P4-ICP2(v3070) 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	.74673	1.9354	.95679	1.8961	.76703	1.8933	.19433	.18566
Stddev	.00106	.0050	.00327	.0053	.00348	.0255	.00135	.00021
%RSD	.14152	.25704	.34140	.28238	.45395	1.3459	.69257	.11262
#1	.74787	1.9298	.95795	1.9017	.76698	1.8936	.19359	.18590
#2	.74653	1.9392	.95931	1.8955	.77054	1.8676	.19352	.18552
#3	.74579	1.9373	.95310	1.8911	.76357	1.9186	.19588	.18555
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18464	.99992	.39303	.19132	.30793	2.9963	.20125	1.9377
Stddev	.00052	.01899	.00243	.00010	.00139	.0059	.00068	.0158
%RSD	.28129	1.8994	.61879	.05382	.45247	.19777	.33654	.81414
#1	.18476	1.0202	.39524	.19127	.30779	3.0031	.20084	1.9534
#2	.18509	.98258	.39042	.19144	.30938	2.9926	.20088	1.9218
#3	.18407	.99696	.39344	.19126	.30661	2.9932	.20203	1.9380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47451	.06774	2.9576	.29212	.18562	9.3398	.39071	.26703
Stddev	.00118	.00061	.0444	.00106	.00064	.1039	.00214	.00791
%RSD	.24839	.89780	1.5013	.36185	.34226	1.1128	.54874	2.9629
#1	.47487	.06794	2.9178	.29334	.18610	9.2616	.39125	.26000
#2	.47547	.06705	2.9496	.29160	.18587	9.3001	.39254	.26550
#3	.47319	.06822	3.0055	.29142	.18490	9.4577	.38835	.27560
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4799	.86698	.63289	.19055	.19467	5.009	.19224	.92855
Stddev	.0216	.00549	.00087	.00100	.00182	.011	.00018	.56798
%RSD	.48119	.63278	.13700	.52466	.93528	.2278	.09192	61.168
#1	4.4681	.87279	.63191	.19149	.19436	5.015	.19215	1.3509
#2	4.5048	.86188	.63358	.19065	.19663	5.016	.19212	1.1520
#3	4.4667	.86627	.63316	.18950	.19303	4.995	.19244	.28284

Sample Name: PB119212BS Acquired: 4/25/2019 16:03:44 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 12.971
Stddev 2.903
%RSD 22.380

#1 14.115
#2 15.126
#3 9.6700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5026.6	62674.	5703.8	71.903	5361.3
Stddev	13.7	296.	48.1	.867	10.8
%RSD	.27237	.47227	.84416	1.2065	.20131

#1	5010.7	62407.	5650.6	71.320	5349.2
#2	5034.2	62992.	5716.3	71.489	5370.1
#3	5034.7	62623.	5744.5	72.900	5364.5

Sample Name: PB119211BS Acquired: 4/25/2019 16:07:49 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119211BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78947	2.0596	1.0166	2.0039	.80319	2.0425	.20756
Stddev	.00168	.0052	.0029	.0072	.00362	.0272	.00145
%RSD	.21246	.25026	.28232	.35825	.45052	1.3301	.69783

#1	.79060	2.0577	1.0187	2.0118	.80688	2.0189	.20606
#2	.78754	2.0556	1.0179	1.9978	.79965	2.0722	.20769
#3	.79027	2.0654	1.0134	2.0022	.80305	2.0363	.20895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19688	.19724	1.0763	.42599	.20477	.32619	3.2166
Stddev	.00026	.00061	.0114	.00155	.00045	.00105	.0090
%RSD	.13420	.30690	1.0551	.36439	.22141	.32038	.28038

#1	.19704	.19785	1.0652	.42422	.20522	.32672	3.2069
#2	.19657	.19723	1.0879	.42663	.20480	.32499	3.2182
#3	.19702	.19664	1.0758	.42712	.20431	.32686	3.2247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21747	2.0838	.50936	.07228	3.1260	.31794	.19953
Stddev	.00067	.0272	.00024	.00043	.0265	.00143	.00024
%RSD	.30852	1.3039	.04712	.60130	.84787	.44914	.11815

#1	.21709	2.0533	.50936	.07270	3.0972	.31748	.19977
#2	.21824	2.1054	.50959	.07183	3.1494	.31680	.19930
#3	.21706	2.0927	.50911	.07231	3.1314	.31954	.19951

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.009	.41943	.29627	F -.02648	.93745	.67111	.20460
Stddev	.036	.00079	.00345	.00208	.00507	.00040	.00321
%RSD	.36112	.18898	1.1640	7.8403	.54070	.05977	1.5671

#1	9.9670	.41982	.29896	-.02636	.93238	.67074	.20150
#2	10.029	.41852	.29748	-.02446	.93743	.67105	.20790
#3	10.031	.41996	.29239	-.02861	.94252	.67154	.20440

Sample Name: PB119211BS Acquired: 4/25/2019 16:07:49 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119211BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20967	5.309	.20796	F .97213	F 12.254
Stddev	.00132	.005	.00015	.22042	2.144
%RSD	.62900	.1008	.07363	22.674	17.496
#1	.20946	5.303	.20794	1.1214	14.189
#2	.20848	5.312	.20812	.71896	9.9491
#3	.21109	5.313	.20781	1.0761	12.625
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4945.4	61562.	5563.5	70.866	5272.2
Stddev	15.1	228.	18.9	.383	14.6
%RSD	.30544	.37080	.33924	.53977	.27730
#1	4928.0	61643.	5547.6	70.425	5256.8
#2	4954.8	61305.	5558.6	71.109	5273.9
#3	4953.5	61739.	5584.4	71.064	5285.8

Sample Name: PB119162BS Acquired: 4/25/2019 16:11:54 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76162	1.9894	.98539	1.9339	.76115	1.9563	.20092
Stddev	.00071	.0043	.00113	.0053	.00255	.0225	.00158
%RSD	.09282	.21729	.11504	.27466	.33481	1.1517	.78714

#1	.76114	1.9903	.98513	1.9341	.75833	1.9374	.19970
#2	.76129	1.9933	.98441	1.9392	.76182	1.9502	.20036
#3	.76244	1.9847	.98663	1.9285	.76329	1.9812	.20271

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18902	.19094	1.0323	.41603	.19895	.31648	3.1155
Stddev	.00017	.00072	.0095	.00029	.00067	.00050	.0027
%RSD	.08740	.37528	.92492	.06904	.33572	.15658	.08661

#1	.18910	.19151	1.0216	.41588	.19962	.31599	3.1158
#2	.18882	.19117	1.0353	.41585	.19897	.31698	3.1179
#3	.18912	.19013	1.0399	.41636	.19828	.31646	3.1126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21076	2.0302	.49396	.06955	3.0244	.30960	.18622
Stddev	.00064	.0511	.00125	.00045	.0186	.00105	.00040
%RSD	.30397	2.5155	.25234	.65169	.61571	.33783	.21715

#1	.21050	2.0382	.49538	.06927	3.0315	.30997	.18667
#2	.21149	1.9757	.49347	.07007	3.0032	.30842	.18609
#3	.21029	2.0769	.49304	.06931	3.0383	.31041	.18589

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7715	.40209	.28833	F -.03380	.91236	.63542	.19341
Stddev	.0875	.00126	.01232	.00192	.00248	.00244	.00067
%RSD	.89547	.31235	4.2736	5.6808	.27130	.38397	.34821

#1	9.6730	.40065	.27531	-.03563	.91078	.63801	.19264
#2	9.8014	.40299	.29981	-.03180	.91521	.63316	.19391
#3	9.8402	.40262	.28987	-.03398	.91109	.63511	.19367

Sample Name: PB119162BS Acquired: 4/25/2019 16:11:54 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20665	5.092	.20220	.81610	F 12.705
Stddev	.00076	.009	.00031	.27794	1.826
%RSD	.36548	.1871	.15276	34.058	14.371
#1	.20625	5.084	.20190	1.0517	13.897
#2	.20617	5.103	.20252	.50957	13.615
#3	.20752	5.089	.20220	.88701	10.603
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4989.8	62421.	5618.2	70.980	5336.5
Stddev	15.1	102.	29.9	.938	10.7
%RSD	.30235	.16365	.53290	1.3215	.19987
#1	4996.7	62363.	5598.9	69.907	5330.5
#2	4972.5	62362.	5602.9	71.386	5330.2
#3	5000.3	62539.	5652.6	71.645	5348.8

Sample Name: K2538-06 Acquired: 4/25/2019 16:24:51 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-20523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04287	.00271	.11231	.01222	.11453	.71155	.01449	.00705
Stddev	.00267	.00099	.00165	.00376	.00040	.03229	.00103	.00005
%RSD	6.2264	36.604	1.4714	30.815	.35151	4.5384	7.0951	.66866
#1	.04596	.00371	.11084	.01180	.11495	.67453	.01557	.00700
#2	.04138	.00172	.11410	.01617	.11451	.72621	.01353	.00706
#3	.04128	.00271	.11198	.00868	.11414	.73391	.01437	.00709
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	3.3336	-.00779	.00501	.21336	-.00453	.07307	.86846
Stddev	.00005	.0207	.00009	.00041	.00021	.00144	.00047	.05712
%RSD	4.4859	.62162	1.1128	8.2277	.09996	31.824	.64965	6.5771
#1	-.00099	3.3235	-.00774	.00531	.21339	-.00375	.07277	.80315
#2	-.00102	3.3574	-.00789	.00518	.21356	-.00619	.07282	.89312
#3	-.00108	3.3198	-.00775	.00454	.21314	-.00364	.07362	.90910
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	-.00206	318.70	-.23481	1.2200	829.52	F 39.835	F 28.940
Stddev	.00028	.00024	1.78	.00079	.0002	2.12	.118	.312
%RSD	9.7708	11.778	.55981	.33640	.01584	.25558	.29656	1.0797
#1	-.00256	-.00195	317.41	-.23477	1.2200	831.52	39.939	28.591
#2	-.00298	-.00190	320.73	-.23404	1.2198	827.30	39.861	29.035
#3	-.00310	-.00234	317.95	-.23561	1.2202	829.74	39.706	29.194
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.700	3.3468	.04115	.00190	.00970	4.014	.02712	10.336
Stddev	.073	.0247	.00066	.00068	.00137	.021	.00009	.450
%RSD	.57654	.73742	1.6072	35.721	14.078	.5117	.34003	4.3542
#1	12.680	3.3417	.04187	.00235	.00843	4.011	.02718	10.312
#2	12.639	3.3251	.04100	.00224	.00953	3.995	.02701	10.797
#3	12.782	3.3737	.04057	.00112	.01114	4.036	.02715	9.8976

Sample Name: K2538-06 Acquired: 4/25/2019 16:24:51 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-20523 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.407
Stddev	.166
%RSD	1.0120

#1	16.443
#2	16.551
#3	16.225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3885.8	49143.	5211.3	64.017	4035.0
Stddev	19.4	139.	1.5	.723	9.4
%RSD	.49838	.28343	.02892	1.1290	.23354

#1	3866.9	49277.	5213.1	64.745	4024.2
#2	3884.8	48999.	5210.6	64.007	4039.3
#3	3905.6	49154.	5210.3	63.300	4041.4

Sample Name: K2541-01 Acquired: 4/25/2019 16:29:27 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01255	.00308	-.00851	.03870	.00637	-.01305	.10492	.00429
Stddev	.00299	.00066	.00069	.00091	.00050	.00749	.00050	.00011
%RSD	23.807	21.461	8.0643	2.3601	7.8944	57.406	.47274	2.6696

#1	-.01598	.00279	-.00809	.03953	.00684	-.00710	.10448	.00439
#2	-.01116	.00384	-.00813	.03884	.00643	-.01059	.10546	.00417
#3	-.01051	.00261	-.00930	.03772	.00584	-.02147	.10483	.00431

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00511	23.237	-.01819	.00090	.00219	138.31	2.3787	3.9769
Stddev	.00008	.037	.00026	.00014	.00035	.60	.0049	.0200
%RSD	1.5240	.15745	1.4182	15.329	15.796	.43197	.20743	.50251

#1	-.00504	23.219	-.01836	.00085	.00198	138.04	2.3810	4.0000
#2	-.00520	23.212	-.01833	.00106	.00201	138.99	2.3820	3.9654
#3	-.00509	23.279	-.01790	.00080	.00259	137.89	2.3730	3.9654

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00890	54.111	.00079	.03595	16.313	-.00121	.16200
Stddev	.00020	.00026	.219	.00020	.00016	.160	.00009	.00831
%RSD	54.477	2.9136	.40405	25.828	.44925	.97947	7.1830	5.1291

#1	.00036	-.00862	53.910	.00069	.03609	16.370	-.00128	.16993
#2	.00016	-.00893	54.344	.00065	.03598	16.437	-.00111	.16271
#3	.00056	-.00914	54.079	.00103	.03577	16.133	-.00125	.15336

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9332	.29185	-.00040	-.00040	.00291	.0161	-.00782	1.4712
Stddev	.0126	.00733	.00045	.00130	.00137	.0009	.00065	.2203
%RSD	.32137	2.5117	112.91	324.08	47.036	5.296	8.3487	14.974

#1	3.9330	.29934	.00012	-.00188	.00238	.0154	-.00718	1.3201
#2	3.9459	.28469	-.00067	.00014	.00447	.0170	-.00849	1.3695
#3	3.9206	.29153	-.00064	.00054	.00189	.0158	-.00780	1.7239

Sample Name: K2541-01 Acquired: 4/25/2019 16:29:27 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 26.579
 Stddev 2.187
 %RSD 8.2274

#1 24.054
 #2 27.859
 #3 27.824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4805.1	60034.	5664.6	69.266	4917.8
Stddev	13.1	317.	41.4	1.101	8.6
%RSD	.27288	.52826	.73153	1.5898	.17461

#1	4790.1	59888.	5617.9	70.227	4907.9
#2	4811.2	59817.	5679.3	69.507	4923.6
#3	4814.1	60398.	5696.7	68.064	4921.9

Sample Name: K2545-02 Acquired: 4/25/2019 16:33:56 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FMI-133 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00042	-.00006	.00127	-.00132	.16527	.03536	-.00013
Stddev	.00307	.00145	.00044	.00135	.00088	.00756	.00031	.00007
%RSD	274.40	344.03	759.08	106.20	66.677	4.5722	.87793	51.294

#1	.00221	-.00082	.00042	-.00027	-.00073	.15766	.03501	-.00019
#2	-.00173	.00118	-.00045	.00184	-.00234	.16538	.03547	-.00006
#3	-.00384	-.00162	-.00014	.00224	-.00091	.17277	.03561	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	3.0642	.02039	.00007	.00102	.11101	.00124	.24646
Stddev	.00005	.0189	.00021	.00016	.00026	.00101	.00006	.00397
%RSD	49.222	.61579	1.0266	241.34	25.830	.91287	4.6281	1.6114

#1	-.00013	3.0616	.02027	-.00012	.00128	.11138	.00127	.24211
#2	-.00005	3.0468	.02063	.00019	.00076	.11178	.00129	.24989
#3	-.00014	3.0842	.02026	.00012	.00102	.10986	.00118	.24738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00061	15.684	.00813	.00659	1.6720	.01239	.02642
Stddev	.00004	.00016	.032	.00050	.00012	.0301	.00008	.00855
%RSD	21.069	25.851	.20551	6.2102	1.8647	1.7981	.68224	32.366

#1	-.00026	-.00044	15.647	.00755	.00673	1.7022	.01245	.02175
#2	-.00020	-.00075	15.696	.00832	.00649	1.6421	.01243	.02122
#3	-.00018	-.00064	15.708	.00851	.00657	1.6717	.01230	.03629

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2058	1.6394	-.00240	.00344	-.00095	.0083	.01101	.36735
Stddev	.0068	.0051	.00091	.00152	.00094	.0003	.00003	.29753
%RSD	.31025	.31244	37.805	44.001	99.281	4.177	.24480	80.993

#1	2.2123	1.6336	-.00137	.00394	-.00160	.0086	.01098	.42471
#2	2.1987	1.6413	-.00273	.00464	-.00138	.0083	.01100	.63202
#3	2.2065	1.6433	-.00310	.00174	.00013	.0079	.01104	.04532

Sample Name: K2545-02 Acquired: 4/25/2019 16:33:56 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FMI-133 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.7618
Stddev 1.4245
%RSD 37.867

#1 3.2410
#2 2.6710
#3 5.3734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5045.0	63371.	5774.4	72.756	5435.6
Stddev	12.4	242.	4.3	.429	14.8
%RSD	.24566	.38135	.07381	.58982	.27159

#1	5036.9	63137.	5770.0	72.275	5419.2
#2	5038.8	63620.	5778.5	73.098	5439.6
#3	5059.3	63356.	5774.6	72.896	5447.9

Sample Name: K2545-02DUP Acquired: 4/25/2019 16:38:22 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FMI-133DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	-.00110	.00070	.00136	-.00112	.15486	.03495	-.00013
Stddev	.00065	.00070	.00026	.00171	.00049	.01585	.00028	.00010
%RSD	161.09	63.595	37.469	126.21	43.436	10.234	.79330	71.498

#1	-.00091	-.00038	.00046	.00043	-.00168	.16754	.03495	-.00015
#2	-.00064	-.00113	.00098	.00333	-.00086	.13709	.03522	-.00003
#3	.00033	-.00178	.00067	.00031	-.00081	.15994	.03467	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	3.0862	.02031	-.00007	.00091	.11053	.00116	.24889
Stddev	.00004	.0258	.00033	.00011	.00058	.00035	.00003	.00892
%RSD	48.661	.83520	1.6265	163.05	64.234	.31662	2.7786	3.5850

#1	-.00004	3.0598	.02057	-.00016	.00092	.11055	.00117	.25424
#2	-.00010	3.1113	.02042	.00006	.00032	.11087	.00119	.23859
#3	-.00012	3.0873	.01994	-.00011	.00149	.11017	.00113	.25385

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00036	15.556	.00778	.00640	1.5333	.01214	.02420
Stddev	.00015	.00073	.078	.00021	.00004	.0213	.00026	.00267
%RSD	1292.2	201.40	.50105	2.7149	.65249	1.3873	2.1396	11.041

#1	.00015	.00020	15.572	.00791	.00643	1.5223	.01219	.02322
#2	-.00005	-.00010	15.472	.00789	.00642	1.5199	.01238	.02723
#3	-.00013	-.00119	15.625	.00754	.00636	1.5578	.01186	.02217

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1749	1.6264	-.00256	.00637	-.00152	.0072	.01095	<.00000
Stddev	.0047	.0130	.00025	.00164	.00086	.0007	.00003	.20504
%RSD	.21593	.79875	9.8692	25.796	56.738	9.758	.23187	378.25

#1	2.1741	1.6196	-.00270	.00542	-.00215	.0071	.01093	-.21146
#2	2.1800	1.6414	-.00272	.00827	-.00054	.0066	.01098	-.12887
#3	2.1707	1.6183	-.00227	.00542	-.00186	.0080	.01096	.17770

Sample Name: K2545-02DUP Acquired: 4/25/2019 16:38:22 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FMI-133DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2415
Stddev	4.4897
%RSD	138.51

#1	6.0282
#2	-1.9378
#3	5.6341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5061.3	63134.	5747.8	73.031	5459.2
Stddev	9.1	234.	28.0	.486	7.9
%RSD	.18011	.37060	.48689	.66531	.14391

#1	5053.9	62864.	5769.1	73.124	5451.9
#2	5058.6	63277.	5716.1	72.506	5458.1
#3	5071.5	63261.	5758.3	73.464	5467.5

Sample Name: K2545-02LX5 Acquired: 4/25/2019 16:42:48 Type: Unk
Method: P4-ICP2(v3070) 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	-.00028	-.00004	-.00033	.00004	-.00219	.04438	.00731	-.00008
Stddev	.00139	.00063	.00128	.00128	.00096	.00205	.00066	.00008
%RSD	502.64	1481.8	381.79	3153.8	43.994	4.6086	9.0137	103.72

#1	-.00185	.00037	-.00053	-.00133	-.00113	.04659	.00658	.00000
#2	.00079	.00026	.00103	.00025	-.00302	.04398	.00748	-.00016
#3	.00023	-.00077	-.00150	.00120	-.00241	.04256	.00786	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.60971	.00407	-.00001	.00020	.02330	.00023	.06446
Stddev	.00005	.00337	.00010	.00029	.00017	.00057	.00003	.04146
%RSD	482.92	.55239	2.4945	2519.3	84.041	2.4322	14.238	64.322

#1	.00007	.61040	.00396	-.00017	.00035	.02394	.00027	.10692
#2	-.00001	.61268	.00415	-.00019	.00023	.02286	.00022	.06238
#3	-.00002	.60605	.00410	.00032	.00002	.02312	.00020	.02408

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00052	3.1970	.00153	.00214	.53782	.00245	-.00327
Stddev	.00019	.00040	.0245	.00026	.00012	.02584	.00010	.00161
%RSD	59.314	76.944	.76582	17.183	5.4794	4.8050	4.0352	49.089

#1	.00022	-.00094	3.1758	.00126	.00226	.53515	.00242	-.00217
#2	.00054	-.00045	3.1915	.00179	.00203	.51342	.00237	-.00253
#3	.00020	-.00016	3.2238	.00153	.00211	.56490	.00256	-.00511

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43253	.34467	-.00213	.00012	-.00104	.0023	.00227	.14763
Stddev	.00321	.00080	.00063	.00165	.00083	.0002	.00008	.30325
%RSD	.74103	.23160	29.464	1335.2	79.856	9.578	3.3753	205.42

#1	.43623	.34552	-.00222	.00203	-.00066	.0021	.00232	.45483
#2	.43064	.34454	-.00271	-.00086	-.00199	.0026	.00231	-.15151
#3	.43073	.34394	-.00147	-.00080	-.00047	.0023	.00218	.13956

Sample Name: K2545-02LX5 Acquired: 4/25/2019 16:42:48 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6708
Stddev	2.3594
%RSD	41.607

#1	5.6291
#2	8.0507
#3	3.3324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5186.5	65109.	5867.7	74.181	5637.4
Stddev	14.5	44.	33.1	1.915	7.2
%RSD	.27881	.06815	.56398	2.5811	.12795

#1	5194.2	65147.	5837.6	76.041	5635.6
#2	5195.5	65061.	5862.5	72.216	5645.4
#3	5169.8	65120.	5903.1	74.286	5631.4

Sample Name: CCV02 Acquired: 4/25/2019 16:47:17 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14891 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0438	5.0657	5.0193	5.1022	5.0732	9.9318	10.089	.25108
Stddev	.0151	.0063	.0060	.0138	.0131	.0391	.063	.00005
%RSD	.29899	.12408	.11888	.27095	.25872	.39368	.62231	.01856
#1	5.0604	5.0684	5.0247	5.1179	5.0883	9.8867	10.065	.25104
#2	5.0399	5.0586	5.0129	5.0920	5.0643	9.9560	10.042	.25113
#3	5.0310	5.0702	5.0203	5.0966	5.0671	9.9527	10.160	.25106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4840	25.025	.99418	2.5051	1.2625	4.9847	2.4787	24.939
Stddev	.0038	.075	.00192	.0042	.0042	.0107	.0036	.134
%RSD	.15381	.29909	.19326	.16821	.33472	.21554	.14449	.53574
#1	2.4876	25.111	.99441	2.5089	1.2671	4.9823	2.4776	25.062
#2	2.4800	24.989	.99216	2.5006	1.2617	4.9753	2.4759	24.797
#3	2.4844	24.975	.99598	2.5057	1.2587	4.9964	2.4827	24.958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4825	1.2498	24.836	2.4877	2.5399	24.455	5.0468	4.9284
Stddev	.0068	.0005	.164	.0031	.0033	.222	.0136	.0266
%RSD	.27441	.03795	.65838	.12289	.12840	.90666	.26905	.53864
#1	2.4903	1.2500	24.777	2.4907	2.5433	24.367	5.0623	4.9346
#2	2.4776	1.2492	24.710	2.4846	2.5368	24.290	5.0368	4.8993
#3	2.4795	1.2500	25.020	2.4879	2.5396	24.707	5.0413	4.9512
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0021	4.9450	4.9745	5.0065	4.9092	4.994	5.0216	F 3.5361
Stddev	.0061	.0130	.0126	.0148	.0156	.004	.0143	.0447
%RSD	.12235	.26257	.25257	.29497	.31799	.0852	.28532	1.2649
#1	5.0005	4.9526	4.9842	5.0025	4.9264	4.989	5.0295	3.5726
#2	4.9970	4.9524	4.9603	5.0229	4.9052	4.997	5.0051	3.4862
#3	5.0089	4.9300	4.9790	4.9942	4.8959	4.996	5.0303	3.5495

Sample Name: CCV02 Acquired: 4/25/2019 16:47:17 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14891 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9191
Stddev	2.1283
%RSD	110.90

#1	.68427
#2	4.3766
#3	.69648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4963.9	61513.	5780.2	71.816	4946.1
Stddev	13.3	109.	28.2	.450	10.3
%RSD	.26875	.17655	.48841	.62694	.20914

#1	4949.1	61434.	5752.2	72.333	4934.3
#2	4967.5	61637.	5779.8	71.513	4953.1
#3	4975.1	61468.	5808.6	71.601	4951.0

Sample Name: CCB02 Acquired: 4/25/2019 16:51:16 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14891 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	.00098	-.00052	.00076	.00040	-.00819	.00041
Stddev	.00159	.00082	.00029	.00230	.00091	.00554	.00023
%RSD	143.68	83.261	56.241	302.80	225.67	67.694	55.526

#1	.00072	.00039	-.00082	.00262	.00026	-.00875	.00022
#2	-.00218	.00063	-.00023	-.00182	-.00043	-.01342	.00066
#3	-.00186	.00191	-.00051	.00148	.00138	-.00238	.00035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00001	-.01889	-.00003	.00004	-.00040	-.00025
Stddev	.00002	.00005	.01715	.00009	.00011	.00047	.00063
%RSD	17.636	362.88	90.797	361.09	250.42	117.48	253.96

#1	-.00011	.00007	-.00348	.00003	.00009	-.00009	-.00059
#2	-.00008	-.00001	-.01582	.00002	-.00008	-.00094	-.00064
#3	-.00011	-.00002	-.03737	-.00013	.00011	-.00017	.00048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01073	.00023	-.00036	-.00425	.00041	-.00013
Stddev	.00002	.03781	.00012	.00059	.00343	.00016	.00001
%RSD	66.331	352.50	53.231	165.17	80.613	39.275	9.4537

#1	-.00003	.01118	.00034	.00019	-.00715	.00059	-.00013
#2	-.00001	.04830	.00026	-.00098	-.00047	.00031	-.00011
#3	-.00006	-.02731	.00010	-.00028	-.00515	.00033	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12456	.00037	.01641	F -.03191	.00700	-.00127	-.00058
Stddev	.04662	.00026	.01439	.00227	.00026	.00014	.00214
%RSD	37.423	69.831	87.685	7.0996	3.6767	11.349	371.63

#1	.10980	.00061	.02147	-.03309	.00691	-.00114	.00121
#2	.17677	.00039	.02759	-.02930	.00680	-.00124	.00002
#3	.08712	.00010	.00018	-.03335	.00729	-.00142	-.00295

Sample Name: CCB02 Acquired: 4/25/2019 16:51:16 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14891 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00110	.0001	-.00001	F 2.0290	F 1.6911
Stddev	.00094	.0009	.00004	.2519	2.0284
%RSD	85.611	978.8	531.20	12.416	119.95
#1	-.00059	.0007	.00004	2.1945	.68515
#2	-.00052	-.0009	-.00005	2.1535	4.0259
#3	-.00219	.0004	-.00002	1.7391	.36226
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5191.4	65041.	5948.4	74.811	5654.6
Stddev	11.8	167.	50.3	1.351	13.4
%RSD	.22757	.25750	.84500	1.8062	.23693
#1	5178.8	64862.	5890.4	75.327	5644.5
#2	5202.2	65194.	5979.7	73.277	5669.8
#3	5193.1	65068.	5975.1	75.827	5649.5

Sample Name: K2545-02MS Acquired: 4/25/2019 16:55:44 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FMI-133MS 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	.80369	2.0422	1.0197	2.0287	.79834	2.1462	.24330	.19735	.19896
Stddev	.00256	.0028	.0021	.0050	.00468	.0353	.00171	.00054	.00068
%RSD	.31800	.13888	.20816	.24816	.58584	1.6430	.70179	.27161	.34188

#1	.80658	2.0454	1.0221	2.0345	.80231	2.1055	.24233	.19674	.19966
#2	.80277	2.0411	1.0183	2.0253	.79952	2.1659	.24229	.19757	.19890
#3	.80172	2.0401	1.0186	2.0263	.79318	2.1673	.24527	.19774	.19831

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8194	.44288	.20732	.32334	3.2936	.21257	2.2560	.50874	.07175
Stddev	.0160	.00089	.00072	.00044	.0082	.00063	.0415	.00061	.00086
%RSD	.41784	.20168	.34794	.13726	.24979	.29843	1.8390	.11958	1.2020

#1	3.8067	.44252	.20814	.32384	3.2851	.21225	2.2433	.50919	.07077
#2	3.8142	.44222	.20681	.32299	3.2944	.21330	2.3024	.50899	.07209
#3	3.8373	.44389	.20701	.32319	3.3015	.21215	2.2224	.50805	.07239

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	17.034	.32621	.20255	10.988	.42509	.30771	1.9844	2.3660	.66524
Stddev	.068	.00186	.00055	.045	.00093	.02035	.0084	.0142	.00256
%RSD	.40180	.57153	.27016	.41105	.21918	6.6138	.42340	.60053	.38545

#1	16.970	.32427	.20303	10.946	.42503	.28822	1.9915	2.3651	.66805
#2	17.026	.32798	.20195	10.982	.42605	.32882	1.9752	2.3806	.66466
#3	17.106	.32638	.20267	11.035	.42419	.30608	1.9866	2.3522	.66302

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20575	.20314	5.432	.21714	3.0584	11.907			
Stddev	.00114	.00108	.009	.00043	.1103	.633			
%RSD	.55438	.53012	.1626	.19798	3.6078	5.3122			

#1	.20576	.20325	5.442	.21750	3.0779	12.334			
#2	.20689	.20202	5.426	.21667	2.9396	12.207			
#3	.20460	.20416	5.427	.21726	3.1577	11.181			

Sample Name: K2545-02MS Acquired: 4/25/2019 16:55:44 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FMI-133MS 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	4957.7	62625.	5724.1	73.008	5249.3
Stddev	6.8	91.	27.9	1.961	14.3
%RSD	.13745	.14470	.48783	2.6859	.27242
#1	4951.4	62657.	5707.5	71.248	5232.9
#2	4956.8	62523.	5708.4	72.654	5256.5
#3	4964.9	62696.	5756.3	75.121	5258.6

Sample Name: K2545-02MSD Acquired: 4/25/2019 16:59:47 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FMI-133MSD 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	.80931	2.0534	1.0241	2.0412	.79924	2.1637	.24519	.19952	.20025
Stddev	.00567	.0116	.0028	.0113	.00436	.0202	.00223	.00009	.00080
%RSD	.70053	.56610	.27088	.55215	.54492	.93478	.90984	.04516	.39899
#1	.81577	2.0634	1.0270	2.0539	.80415	2.1503	.24351	.19959	.20115
#2	.80513	2.0560	1.0215	2.0323	.79582	2.1539	.24434	.19941	.19963
#3	.80704	2.0406	1.0239	2.0375	.79776	2.1870	.24772	.19955	.19997
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8892	.44704	.20818	.32562	3.3170	.21483	2.3251	.51047	.07203
Stddev	.0274	.00111	.00101	.00162	.0070	.00066	.0654	.00174	.00027
%RSD	.70531	.24735	.48673	.49885	.21221	.30709	2.8136	.34004	.37470
#1	3.9182	.44829	.20935	.32746	3.3240	.21509	2.2732	.51246	.07175
#2	3.8636	.44619	.20764	.32504	3.3099	.21408	2.3034	.50924	.07228
#3	3.8859	.44663	.20755	.32437	3.3170	.21532	2.3986	.50972	.07207
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	17.341	.32817	.20309	11.071	.42807	.32019	2.0177	2.4207	.67024
Stddev	.129	.00055	.00045	.142	.00231	.01462	.0191	.0227	.00136
%RSD	.74451	.16874	.22321	1.2835	.53884	4.5647	.94403	.93959	.20349
#1	17.218	.32763	.20361	10.931	.43063	.30402	2.0301	2.4414	.67170
#2	17.331	.32873	.20282	11.068	.42616	.32407	2.0273	2.4245	.67002
#3	17.475	.32816	.20284	11.215	.42742	.33247	1.9958	2.3963	.66900
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20793	.20710	5.455	.21863	2.5547	10.439			
Stddev	.00092	.00283	.020	.00040	.1589	2.311			
%RSD	.44352	1.3646	.3717	.18483	6.2194	22.140			
#1	.20689	.20716	5.479	.21818	2.4877	10.126			
#2	.20828	.20425	5.447	.21874	2.4402	12.890			
#3	.20863	.20990	5.441	.21896	2.7361	8.3001			

Sample Name: K2545-02MSD Acquired: 4/25/2019 16:59:47 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FMI-133MSD 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	4967.3	62559.	5714.5	73.427	5260.8
Stddev	16.7	128.	44.0	.908	7.8
%RSD	.33574	.20406	.77070	1.2362	.14855
#1	4948.0	62430.	5671.0	74.071	5252.2
#2	4976.5	62685.	5713.4	72.389	5262.7
#3	4977.3	62563.	5759.1	73.821	5267.4

Sample Name: PB119211BL Acquired: 4/25/2019 17:08:21 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119211BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00060	.00028	.00096	-.00183	.00811	-.00012
Stddev	.00183	.00110	.00048	.00242	.00018	.00352	.00054
%RSD	867.36	184.15	170.92	253.74	9.7734	43.400	438.34

#1	-.00133	.00137	.00079	-.00060	-.00190	.00913	.00010
#2	.00190	-.00066	.00021	-.00028	-.00162	.01101	.00027
#3	-.00121	.00107	-.00016	.00375	-.00196	.00420	-.00074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00003	-.02248	.00003	-.00004	-.00047	.00018
Stddev	.00003	.00003	.01260	.00031	.00003	.00009	.00043
%RSD	68.128	91.478	56.057	1014.0	82.348	19.453	231.75

#1	-.00009	-.00002	-.03133	-.00002	-.00008	-.00057	-.00010
#2	-.00004	-.00006	-.02807	.00037	-.00002	-.00046	.00068
#3	-.00002	-.00001	-.00805	-.00025	-.00002	-.00039	-.00002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.03827	.00014	-.00042	-.02989	.00025	.00003
Stddev	.00001	.04116	.00017	.00035	.00882	.00038	.00010
%RSD	13.591	107.57	118.52	82.941	29.520	154.26	311.53

#1	-.00007	.07205	-.00003	-.00062	-.04001	.00014	.00012
#2	-.00006	.05033	.00030	-.00062	-.02381	-.00007	-.00007
#3	-.00007	-.00758	.00015	-.00002	-.02584	.00066	.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07665	-.00003	-.00351	F -.03002	.00178	-.00092	-.00041
Stddev	.02451	.00012	.00743	.00193	.00102	.00030	.00100
%RSD	31.977	438.56	211.85	6.4442	57.510	32.590	242.47

#1	.07029	-.00009	.00286	-.03138	.00071	-.00123	.00058
#2	.05594	-.00011	-.01167	-.02780	.00275	-.00090	-.00039
#3	.10371	.00011	-.00171	-.03087	.00188	-.00063	-.00143

Sample Name: PB119211BL Acquired: 4/25/2019 17:08:21 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119211BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00449	.0024	-.00001	F<.00000	F 3.0521
Stddev	.00089	.0004	.00005	.16589	2.0564
%RSD	19.820	17.72	506.93	22.973	67.376
#1	-.00370	.0023	-.00006	-.67328	5.3542
#2	-.00432	.0020	-.00001	-.58608	1.3972
#3	-.00545	.0028	.00004	-.90690	2.4050
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5268.1	65030.	5932.2	75.023	5719.9
Stddev	12.0	186.	47.7	.937	9.3
%RSD	.22703	.28620	.80492	1.2486	.16214
#1	5254.5	64993.	5973.2	75.975	5709.9
#2	5273.0	64864.	5879.8	74.993	5721.6
#3	5276.8	65231.	5943.6	74.102	5728.2

Sample Name: PB119212BL Acquired: 4/25/2019 17:12:48 Type: Unk
Method: P4-ICP2(v3070) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00017	-.00019	.00176	-.00079	-.00433	-.00019
Stddev	.00355	.00038	.00034	.00044	.00044	.00349	.00018
%RSD	4219.5	225.58	176.80	24.801	55.350	80.649	98.252

#1	-.00221	-.00001	.00018	.00225	-.00130	-.00417	-.00034
#2	.00401	-.00009	-.00027	.00140	-.00060	-.00092	.00002
#3	-.00205	.00061	-.00048	.00164	-.00048	-.00790	-.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00003	-.02219	.00002	-.00006	-.00023	-.00025
Stddev	.00001	.00007	.00071	.00006	.00003	.00038	.00093
%RSD	28.720	239.63	3.2024	424.75	52.909	162.28	377.90

#1	-.00003	.00002	-.02235	-.00003	-.00004	-.00066	-.00075
#2	-.00004	-.00010	-.02280	-.00001	-.00010	.00005	-.00082
#3	-.00006	.00000	-.02141	.00009	-.00005	-.00009	.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.03165	.00026	-.00020	-.01870	.00025	-.00019
Stddev	.00007	.03446	.00029	.00013	.00300	.00042	.00011
%RSD	214.29	108.89	111.05	65.416	16.051	163.00	54.699

#1	.00000	-.00814	.00028	-.00035	-.01525	.00060	-.00007
#2	-.00012	.05203	.00055	-.00015	-.02016	-.00021	-.00028
#3	.00002	.05106	-.00004	-.00010	-.02069	.00038	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03140	-.00015	-.00254	F -.03179	.00022	-.00181	-.00141
Stddev	.02721	.00006	.01068	.00085	.00037	.00053	.00221
%RSD	86.653	38.009	420.05	2.6694	167.26	29.275	156.79

#1	.00719	-.00009	.00757	-.03117	.00062	-.00120	-.00035
#2	.06085	-.00016	-.00148	-.03276	.00017	-.00206	-.00394
#3	.02616	-.00021	-.01372	-.03143	-.00012	-.00217	.00007

Sample Name: PB119212BL Acquired: 4/25/2019 17:12:48 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	.0007	.00001	F .24110	F 1.6014
Stddev	.00132	.0008	.00001	.37122	2.9597
%RSD	53.755	113.5	94.550	153.97	184.82
#1	-.00397	.0007	.00003	-.17917	2.7961
#2	-.00189	-.0001	.00001	.37821	3.7771
#3	-.00152	.0016	.00001	.52427	-1.7689
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5258.1	65095.	5948.2	75.403	5700.3
Stddev	6.7	117.	25.8	.313	9.3
%RSD	.12778	.18012	.43389	.41532	.16348
#1	5260.8	64967.	5965.5	75.380	5697.3
#2	5250.4	65196.	5960.4	75.102	5692.9
#3	5263.0	65122.	5918.5	75.727	5710.8

Sample Name: PB119211TB Acquired: 4/25/2019 17:17:15 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00136	.00001	.00314	-.00141	.00452	.00064
Stddev	.00317	.00038	.00045	.00272	.00038	.00159	.00042
%RSD	2440.4	28.111	7657.3	86.523	27.042	35.228	65.596

#1	.00290	-.00159	.00020	.00021	-.00097	.00581	.00088
#2	.00082	-.00092	.00032	.00365	-.00159	.00274	.00016
#3	-.00333	-.00158	-.00050	.00557	-.00166	.00502	.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00010	-.01209	.00055	-.00032	-.00009	.00913
Stddev	.00006	.00003	.00844	.00032	.00022	.00030	.00041
%RSD	37.223	34.062	69.801	57.783	67.699	332.11	4.5011

#1	-.00017	-.00013	-.02171	.00092	-.00033	.00018	.00899
#2	-.00020	-.00006	-.00595	.00032	-.00054	-.00041	.00959
#3	-.00009	-.00011	-.00860	.00042	-.00010	-.00004	.00881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.02167	.00061	.00096	F 268.74	.00037	.00066
Stddev	.00001	.03158	.00031	.00046	.50	.00014	.00001
%RSD	12.144	145.76	50.049	47.869	.18659	38.546	2.2266

#1	.00012	.04745	.00092	.00043	269.32	.00023	.00067
#2	.00009	.03111	.00060	.00115	268.52	.00052	.00066
#3	.00011	-.01356	.00031	.00129	268.39	.00036	.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14170	.00027	-.01235	F -.02565	.00490	-.00143	.00060
Stddev	.02217	.00016	.00686	.00480	.00089	.00059	.00098
%RSD	15.648	61.351	55.571	18.717	18.131	41.108	164.79

#1	.16729	.00008	-.01541	-.02308	.00388	-.00175	.00056
#2	.12833	.00032	-.00449	-.03118	.00544	-.00075	-.00037
#3	.12947	.00040	-.01714	-.02267	.00540	-.00179	.00159

Sample Name: PB119211TB Acquired: 4/25/2019 17:17:15 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	-.0013	.00004	4.7180	<.00000
Stddev	.00200	.0009	.00005	.5496	4.7265
%RSD	174.40	69.76	115.44	11.648	50.800
#1	-.00200	-.0007	.00002	5.0932	-3.9300
#2	-.00257	-.0023	.00000	4.0872	-11.167
#3	.00114	-.0009	.00010	4.9736	-12.815
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4830.0	59556.	5894.3	73.678	4833.2
Stddev	7.1	130.	259.8	2.531	7.5
%RSD	.14788	.21833	4.4082	3.4355	.15462
#1	4822.5	59544.	6189.3	76.320	4832.7
#2	4830.6	59433.	5699.7	71.275	4826.0
#3	4836.8	59692.	5793.7	73.439	4840.9

Sample Name: PB119212TB Acquired: 4/25/2019 17:21:52 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00211	-.00147	.00045	.00253	-.00154	.00413	.00051
Stddev	.00081	.00099	.00104	.00134	.00110	.00875	.00047
%RSD	38.221	67.392	230.86	52.830	71.421	211.96	92.001

#1	-.00212	-.00076	.00128	.00111	-.00221	-.00530	.00069
#2	-.00291	-.00260	-.00072	.00273	-.00027	.01199	-.00002
#3	-.00130	-.00105	.00079	.00376	-.00214	.00570	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.00015	-.01513	.00065	-.00025	.00017	.00131
Stddev	.00003	.00003	.00565	.00010	.00003	.00016	.00039
%RSD	20.991	18.378	37.331	15.453	12.859	93.791	29.397

#1	-.00010	-.00014	-.01108	.00071	-.00021	.00034	.00174
#2	-.00011	-.00018	-.01272	.00071	-.00026	.00002	.00098
#3	-.00015	-.00013	-.02158	.00054	-.00027	.00015	.00122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00212	.00054	.00078	F 257.02	.00027	.00027
Stddev	.00001	.01343	.00048	.00025	3.57	.00064	.00010
%RSD	251.95	632.92	88.325	32.048	1.3886	231.57	35.660

#1	.00000	.01552	.00077	.00054	253.19	.00062	.00036
#2	-.00000	.00219	-.00001	.00104	257.64	-.00046	.00029
#3	.00001	-.01134	.00085	.00076	260.24	.00067	.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17191	.00001	-.00183	F -.02953	.00740	-.00092	.00054
Stddev	.02110	.00008	.00313	.00614	.00034	.00067	.00151
%RSD	12.274	682.89	171.31	20.790	4.5930	73.304	280.94

#1	.15118	-.00008	.00063	-.02350	.00761	-.00060	.00207
#2	.19336	.00006	-.00075	-.02932	.00759	-.00169	.00050
#3	.17119	.00006	-.00535	-.03578	.00701	-.00046	-.00095

Sample Name: PB119212TB Acquired: 4/25/2019 17:21:52 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.0005	.00002	4.6639	<.00000
Stddev	.00046	.0005	.00008	.2215	1.9846
%RSD	355.00	99.83	401.98	4.7488	9.8186
#1	-.00019	.0006	-.00005	4.5685	-21.643
#2	-.00055	.0008	.00000	4.9171	-17.947
#3	.00035	-.0000	.00011	4.5062	-21.047
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4760.5	60040.	5895.2	73.107	4774.0
Stddev	15.8	837.	56.1	.715	17.1
%RSD	.33271	1.3948	.95137	.97840	.35883
#1	4745.6	60663.	5832.3	73.614	4756.1
#2	4758.8	60369.	5913.1	73.418	4775.5
#3	4777.1	59088.	5940.2	72.289	4790.3

Sample Name: K2203-18 Acquired: 4/25/2019 17:26:28 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00072	.00089	.00358	-.00206	.07917	.08943
Stddev	.00040	.00082	.00056	.00286	.00111	.01726	.00041
%RSD	54.244	114.93	62.965	79.752	53.913	21.805	.45947

#1	-.00076	-.00158	.00050	.00430	-.00079	.06075	.08953
#2	-.00113	.00006	.00152	.00601	-.00285	.08178	.08898
#3	-.00033	-.00062	.00064	.00044	-.00253	.09498	.08978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00003	12.507	-.00028	.01590	.00542	.06943
Stddev	.00001	.00002	.044	.00010	.00009	.00034	.00044
%RSD	114.65	76.221	.35485	36.942	.54815	6.3524	.63196

#1	-.00001	-.00000	12.463	-.00033	.01597	.00514	.06979
#2	.00000	-.00004	12.552	-.00035	.01580	.00531	.06956
#3	-.00002	-.00004	12.507	-.00016	.01591	.00580	.06894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80428	2.8709	.00166	-.00019	256.90	.00006	.01615
Stddev	.00450	.0304	.00041	.00036	1.50	.00024	.00010
%RSD	.56009	1.0585	24.384	186.81	.58324	371.08	.64427

#1	.80814	2.9044	.00180	-.00060	258.44	-.00004	.01604
#2	.80536	2.8633	.00121	.00005	256.80	.00034	.01616
#3	.79933	2.8451	.00198	-.00002	255.45	-.00010	.01625

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76556	-.00001	.00280	.13025	.49544	-.00117	.00051
Stddev	.02791	.00018	.01125	.00395	.00068	.00110	.00150
%RSD	3.6458	1705.4	401.08	3.0293	.13826	94.045	291.39

#1	.73743	.00014	.00436	.13418	.49622	-.00008	-.00040
#2	.79325	.00003	.01319	.13029	.49493	-.00115	.00224
#3	.76598	-.00020	-.00914	.12629	.49517	-.00228	-.00030

Sample Name: K2203-18 Acquired: 4/25/2019 17:26:28 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.0030	.03909	3.4089	F<.00000
Stddev	.00128	.0008	.00012	.1209	2.6535
%RSD	415.13	27.98	.30612	3.5466	17.715

#1	-.00177	.0026	.03904	3.2728	-12.767
#2	.00059	.0025	.03900	3.4498	-17.921
#3	.00026	.0040	.03922	3.5040	-14.248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4963.4	60600.	5859.6	72.217	4926.1
Stddev	.8	276.	22.7	2.634	8.8
%RSD	.01550	.45622	.38820	3.6473	.17841

#1	4964.2	60349.	5834.0	69.914	4924.5
#2	4962.6	60555.	5867.0	71.648	4935.6
#3	4963.4	60896.	5877.7	75.089	4918.2

Sample Name: K2203-18DUP Acquired: 4/25/2019 17:31:02 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00139	.00117	.00353	-.00256	.07722	.08890
Stddev	.00213	.00112	.00048	.00080	.00056	.00447	.00109
%RSD	568.46	80.454	40.891	22.568	22.027	5.7842	1.2222

#1	.00048	-.00204	.00150	.00351	-.00253	.08151	.08888
#2	.00245	-.00010	.00062	.00433	-.00202	.07756	.08783
#3	-.00181	-.00204	.00139	.00274	-.00315	.07260	.09000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00001	12.366	-.00003	.01609	.00549	.06723
Stddev	.00007	.00002	.042	.00009	.00005	.00008	.00066
%RSD	140.79	152.56	.33745	346.11	.33857	1.4500	.98475

#1	-.00013	-.00002	12.323	-.00005	.01614	.00540	.06647
#2	-.00001	.00001	12.407	-.00011	.01609	.00555	.06765
#3	-.00001	-.00003	12.369	.00007	.01603	.00552	.06757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79458	2.8934	.00111	-.00040	254.84	.00049	.01652
Stddev	.00374	.0717	.00013	.00020	.81	.00021	.00005
%RSD	.47041	2.4781	12.111	48.683	.31856	42.114	.30500

#1	.79113	2.8365	.00096	-.00019	255.77	.00064	.01654
#2	.79406	2.8698	.00123	-.00057	254.47	.00057	.01647
#3	.79855	2.9740	.00113	-.00045	254.28	.00025	.01656

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78830	-.00019	.01649	.12757	.48381	-.00101	.00091
Stddev	.01238	.00015	.00351	.00085	.00641	.00085	.00163
%RSD	1.5706	77.355	21.290	.66900	1.3244	83.791	179.57

#1	.79434	-.00028	.01273	.12789	.48317	-.00006	-.00062
#2	.77406	-.00002	.01705	.12822	.49051	-.00167	.00262
#3	.79651	-.00029	.01968	.12661	.47774	-.00130	.00073

Sample Name: K2203-18DUP Acquired: 4/25/2019 17:31:02 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.0032	.03856	3.5636	F<.00000
Stddev	.00089	.0010	.00028	.3259	2.9860
%RSD	590.21	29.69	.71573	9.1443	23.427

#1	-.00022	.0037	.03834	3.9386	-15.019
#2	-.00100	.0038	.03887	3.4035	-13.855
#3	.00077	.0021	.03848	3.3488	-9.3644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4908.8	60560.	5866.1	72.614	4875.2
Stddev	17.8	152.	51.9	1.152	21.8
%RSD	.36312	.25129	.88457	1.5867	.44686

#1	4922.7	60548.	5875.3	73.123	4895.6
#2	4888.7	60718.	5810.3	71.295	4852.2
#3	4915.1	60414.	5912.8	73.425	4877.9

Sample Name: K2203-18LX5 Acquired: 4/25/2019 17:35:37 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00275	-.00039	.00140	.00061	-.00127	.00995	.01785
Stddev	.00080	.00015	.00279	.00067	.00032	.00831	.00066
%RSD	29.090	38.247	199.66	110.66	25.360	83.565	3.6734

#1	-.00187	-.00052	-.00050	-.00014	-.00095	.01392	.01713
#2	-.00343	-.00023	.00460	.00115	-.00127	.01553	.01842
#3	-.00295	-.00042	.00009	.00080	-.00160	.00039	.01798

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00003	2.5065	-.00011	.00318	.00107	.01420
Stddev	.00003	.00001	.0118	.00020	.00003	.00025	.00023
%RSD	28.956	38.403	.47118	188.77	.82228	23.735	1.5884

#1	-.00008	-.00004	2.5066	-.00029	.00317	.00115	.01410
#2	-.00012	-.00003	2.4946	-.00012	.00321	.00078	.01404
#3	-.00014	-.00002	2.5182	.00010	.00316	.00127	.01446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16558	.58421	-.00016	-.00022	51.246	.00035	.00536
Stddev	.00062	.04149	.00012	.00028	.182	.00032	.00009
%RSD	.37593	7.1013	74.346	126.48	.35503	92.385	1.6800

#1	.16532	.53632	-.00003	-.00038	51.444	.00008	.00537
#2	.16513	.60696	-.00020	.00010	51.208	.00025	.00526
#3	.16629	.60935	-.00027	-.00038	51.085	.00070	.00544

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22122	.00004	-.01067	-.00181	.10548	-.00153	-.00126
Stddev	.01331	.00025	.00647	.00409	.00241	.00048	.00107
%RSD	6.0181	596.17	60.616	225.96	2.2894	31.551	84.853

#1	.21000	-.00020	-.00592	.00176	.10491	-.00193	-.00119
#2	.21772	.00004	-.01804	-.00091	.10813	-.00166	-.00023
#3	.23593	.00029	-.00806	-.00628	.10340	-.00099	-.00236

Sample Name: K2203-18LX5 Acquired: 4/25/2019 17:35:37 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.0001	.00792	.97960	F<.00000
Stddev	.00126	.0005	.00008	.15307	2.2584
%RSD	303.24	529.6	.97812	15.625	62.731

#1	.00124	.0007	.00801	1.1537	-1.4823
#2	.00104	-.0001	.00790	.91881	-3.3413
#3	-.00103	-.0003	.00786	.86626	-5.9767

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5108.0	63097.	5944.5	73.757	5274.4
Stddev	11.1	90.	6.4	.450	20.5
%RSD	.21649	.14209	.10770	.61041	.38893

#1	5119.8	62994.	5939.1	74.230	5298.0
#2	5106.0	63156.	5942.8	73.335	5263.4
#3	5098.0	63141.	5951.6	73.705	5261.6

Sample Name: K2545-02A Acquired: 4/25/2019 17:40:04 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8164 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	.80611	2.0749	1.0281	2.0415	.79864	2.1964	.24669	.20065	.20115
Stddev	.00211	.0032	.0014	.0073	.00081	.0257	.00010	.00029	.00059
%RSD	.26125	.15557	.13758	.35570	.10089	1.1682	.04178	.14447	.29113

#1	.80371	2.0713	1.0264	2.0499	.79776	2.2124	.24658	.20067	.20057
#2	.80699	2.0760	1.0287	2.0368	.79934	2.1668	.24671	.20035	.20174
#3	.80763	2.0774	1.0291	2.0379	.79882	2.2099	.24679	.20093	.20114

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9386	.45339	.20977	.33020	3.3593	.21908	2.2969	.51799	.07259
Stddev	.0165	.00051	.00081	.00080	.0027	.00050	.0459	.00075	.00058
%RSD	.41852	.11172	.38403	.24160	.08051	.22668	1.9980	.14395	.79330

#1	3.9363	.45397	.20910	.33046	3.3597	.21953	2.3008	.51786	.07279
#2	3.9561	.45305	.21066	.32931	3.3565	.21917	2.2491	.51731	.07304
#3	3.9233	.45315	.20954	.33084	3.3619	.21855	2.3407	.51879	.07194

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	17.453	.33422	.20385	11.232	.43139	.31691	2.0027	2.4215	.67610
Stddev	.016	.00080	.00014	.055	.00108	.00796	.0073	.0264	.00167
%RSD	.09318	.23968	.06846	.49071	.25015	2.5104	.36178	1.0899	.24647

#1	17.435	.33430	.20371	11.208	.43254	.32552	2.0009	2.4165	.67481
#2	17.458	.33339	.20399	11.193	.43040	.30984	1.9965	2.4500	.67551
#3	17.466	.33498	.20385	11.295	.43123	.31535	2.0106	2.3980	.67798

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20821	.21261	5.520	.22117	2.4024	9.9569
Stddev	.00128	.00117	.016	.00029	.1530	1.3618
%RSD	.61678	.55168	.2980	.13114	6.3668	13.677

#1	.20681	.21134	5.514	.22116	2.3387	8.4124
#2	.20934	.21365	5.507	.22088	2.2915	10.474
#3	.20847	.21283	5.538	.22146	2.5769	10.985

Sample Name: K2545-02A Acquired: 4/25/2019 17:40:04 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8164 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	4946.4	61721.	5610.9	70.669	5223.4
Stddev	13.0	335.	35.8	1.198	8.6
%RSD	.26370	.54197	.63886	1.6958	.16503
#1	4934.9	61358.	5585.7	71.982	5220.6
#2	4943.8	61786.	5595.0	69.634	5216.5
#3	4960.6	62018.	5651.9	70.391	5233.1

Sample Name: CCV03 Acquired: 4/25/2019 17:44:08 Type: Unk
Method: P4-ICP2(v3070) 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	5.0234	5.0584	5.0400	5.0757	5.0294	9.8785	10.092	.25148
Stddev	.0025	.0075	.0105	.0083	.0070	.0449	.055	.00017
%RSD	.05061	.14719	.20891	.16398	.14013	.45430	.54825	.06597
#1	5.0259	5.0645	5.0332	5.0673	5.0371	9.8273	10.035	.25129
#2	5.0208	5.0501	5.0346	5.0840	5.0278	9.9108	10.146	.25162
#3	5.0236	5.0606	5.0521	5.0756	5.0233	9.8974	10.095	.25152
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4991	25.112	.99924	2.5199	1.2601	5.0055	2.4738	25.005
Stddev	.0016	.041	.00153	.0040	.0014	.0041	.0036	.163
%RSD	.06476	.16469	.15323	.15862	.11461	.08225	.14655	.65331
#1	2.4988	25.079	1.0006	2.5171	1.2616	5.0040	2.4722	24.816
#2	2.4976	25.099	.99953	2.5181	1.2600	5.0101	2.4779	25.089
#3	2.5008	25.158	.99758	2.5245	1.2587	5.0023	2.4712	25.108
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4952	1.2467	24.840	2.4941	2.5314	24.271	5.0404	4.8868
Stddev	.0030	.0022	.124	.0003	.0031	.126	.0068	.0719
%RSD	.12028	.17946	.49951	.01378	.12416	.51739	.13415	1.4721
#1	2.4934	1.2483	24.751	2.4938	2.5313	24.182	5.0447	4.8077
#2	2.4936	1.2477	24.982	2.4941	2.5283	24.415	5.0326	4.9042
#3	2.4987	1.2442	24.786	2.4945	2.5346	24.215	5.0439	4.9484
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0092	4.9302	5.0272	5.0292	4.9184	5.015	5.0573	F 3.7906
Stddev	.0221	.0267	.0099	.0165	.0018	.012	.0061	.0883
%RSD	.44179	.54059	.19612	.32885	.03702	.2467	.12081	2.3303
#1	5.0211	4.9533	5.0335	5.0212	4.9175	5.029	5.0642	3.8479
#2	4.9837	4.9010	5.0158	5.0181	4.9205	5.010	5.0552	3.6888
#3	5.0228	4.9362	5.0322	5.0482	4.9171	5.006	5.0525	3.8349

Sample Name: CCV03 Acquired: 4/25/2019 17:44:08 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .74708
Stddev 2.0700
%RSD 277.07

#1 3.1226
#2 -.21168
#3 -.66966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5013.7	61825.	5770.4	71.501	4960.6
Stddev	2.9	154.	30.4	.684	4.2
%RSD	.05777	.24858	.52740	.95682	.08501

#1	5011.1	61753.	5736.4	72.052	4956.5
#2	5013.2	61719.	5795.0	71.717	4964.9
#3	5016.8	62001.	5779.9	70.736	4960.4

Sample Name: CC0B3 Acquired: 4/25/2019 17:48:06 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00096	-.00128	.00100	.00062	-.00655	.00081
Stddev	.00118	.00053	.00035	.00045	.00100	.00530	.00022
%RSD	129.68	55.014	27.117	44.461	162.40	80.958	26.531

#1	.00227	.00150	-.00166	.00050	.00135	-.00334	.00076
#2	.00024	.00044	-.00098	.00136	.00102	-.01267	.00063
#3	.00022	.00094	-.00121	.00115	-.00052	-.00364	.00105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00001	-.02665	.00025	.00007	-.00023	.00048
Stddev	.00005	.00003	.00665	.00028	.00012	.00062	.00051
%RSD	97.363	407.55	24.944	112.78	158.18	266.44	106.74

#1	-.00008	.00002	-.01986	.00055	-.00006	.00045	.00105
#2	-.00007	-.00003	-.02695	.00000	.00013	-.00076	.00034
#3	.00001	-.00000	-.03314	.00019	.00015	-.00038	.00005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00046	.00020	-.00035	.01936	.00032	-.00026
Stddev	.00004	.02188	.00016	.00016	.00721	.00008	.00012
%RSD	728.49	4781.7	78.177	45.240	37.230	23.806	45.456

#1	-.00002	-.02103	.00030	-.00023	.01151	.00023	-.00012
#2	.00004	.02254	.00002	-.00029	.02090	.00038	-.00031
#3	-.00003	-.00288	.00029	-.00052	.02567	.00036	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01835	.00044	.00012	F -.03217	.00310	-.00050	-.00154
Stddev	.00828	.00014	.00429	.00264	.00246	.00065	.00052
%RSD	45.107	32.950	3682.0	8.2092	79.237	129.09	33.876

#1	.02719	.00028	.00505	-.03350	.00318	-.00071	-.00095
#2	.01079	.00045	-.00263	-.02913	.00061	.00022	-.00171
#3	.01707	.00057	-.00208	-.03388	.00552	-.00101	-.00195

Sample Name: CC0B3 Acquired: 4/25/2019 17:48:06 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00151	-0.0009	.00005	F 1.4167	F<.00000
Stddev	.00087	.0011	.00005	.2404	2.0411
%RSD	57.536	125.9	107.51	16.969	332.97
#1	-0.00051	-0.0005	.00010	1.4210	-.85979
#2	-0.00199	-0.0021	.00005	1.6549	1.5403
#3	-0.00203	.0000	-.00001	1.1741	-2.5195
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5306.2	65954.	6051.9	78.299	5730.8
Stddev	4.0	76.	10.8	1.141	7.5
%RSD	.07555	.11521	.17829	1.4578	.13080
#1	5302.6	65870.	6064.3	76.984	5725.0
#2	5310.5	66018.	6044.3	79.032	5739.3
#3	5305.5	65974.	6047.2	78.882	5728.2

Sample Name: K2203-18MS Acquired: 4/25/2019 17:52:35 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86391	2.0891	1.0801	2.2310	.82385	2.2503	.33763
Stddev	.00236	.0068	.0027	.0056	.00134	.0268	.00136
%RSD	.27267	.32649	.25364	.25079	.16214	1.1928	.40388

#1	.86130	2.0947	1.0831	2.2360	.82234	2.2522	.33630
#2	.86588	2.0815	1.0792	2.2249	.82489	2.2761	.33903
#3	.86454	2.0911	1.0778	2.2320	.82430	2.2225	.33757

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21434	.21847	16.396	.44390	.24108	.33203	3.3778
Stddev	.00104	.00106	.024	.00095	.00035	.00097	.0059
%RSD	.48423	.48679	.14380	.21308	.14652	.29343	.17373

#1	.21423	.21852	16.374	.44307	.24133	.33288	3.3754
#2	.21542	.21950	16.421	.44493	.24124	.33223	3.3844
#3	.21335	.21737	16.393	.44371	.24068	.33097	3.3734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1965	5.7209	.54715	.07560	317.15	.33660	.23958
Stddev	.0046	.0304	.00072	.00017	1.30	.00063	.00092
%RSD	.38598	.53213	.13084	.22333	.41035	.18720	.38586

#1	1.1912	5.7248	.54785	.07557	315.65	.33593	.24016
#2	1.1987	5.7493	.54718	.07545	317.75	.33669	.24007
#3	1.1995	5.6887	.54642	.07578	318.04	.33718	.23851

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.668	.42596	.31787	.15811	1.5258	.72162	.20955
Stddev	.059	.00075	.00635	.00381	.0077	.00186	.00306
%RSD	.50859	.17626	1.9970	2.4086	.50672	.25708	1.4625

#1	11.600	.42515	.31058	.16230	1.5238	.72334	.20632
#2	11.695	.42664	.32219	.15718	1.5192	.72187	.21242
#3	11.709	.42610	.32084	.15486	1.5343	.71965	.20991

Sample Name: K2203-18MS Acquired: 4/25/2019 17:52:35 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20761	6.373	.25651	5.3175	F<.00000
Stddev	.00175	.021	.00141	.3453	2.2150
%RSD	.84357	.3310	.55150	6.4945	13.475

#1	.20655	6.397	.25494	5.5350	-18.323
#2	.20665	6.357	.25768	5.4981	-13.998
#3	.20963	6.365	.25692	4.9193	-16.993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4765.3	58640.	5660.6	71.700	4683.4
Stddev	17.0	328.	7.6	.619	17.5
%RSD	.35581	.55961	.13412	.86383	.37371

#1	4749.4	58791.	5667.1	72.070	4664.8
#2	4763.5	58263.	5652.3	70.985	4685.9
#3	4783.1	58866.	5662.5	72.044	4699.5

Sample Name: K2203-18MSD Acquired: 4/25/2019 17:56:47 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81289	1.9843	1.0208	2.0995	.78005	2.0614	.29637
Stddev	.01033	.0232	.0107	.0202	.01049	.0295	.00225
%RSD	1.2712	1.1705	1.0510	.96286	1.3444	1.4301	.75958

#1	.80103	1.9575	1.0086	2.0762	.76800	2.0339	.29377
#2	.81992	1.9970	1.0286	2.1113	.78712	2.0925	.29762
#3	.81773	1.9985	1.0253	2.1110	.78504	2.0579	.29771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19784	.20647	13.220	.40816	.22390	.31426	3.1145
Stddev	.00049	.00221	.080	.00116	.00238	.00428	.0034
%RSD	.24781	1.0718	.60803	.28307	1.0636	1.3624	.11079

#1	.19746	.20392	13.134	.40725	.22119	.30932	3.1106
#2	.19840	.20790	13.230	.40946	.22566	.31682	3.1169
#3	.19768	.20758	13.294	.40777	.22484	.31665	3.1162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98715	4.8475	.51409	.07033	251.21	.31245	.22331
Stddev	.00147	.0619	.00637	.00022	2.38	.00043	.00261
%RSD	.14857	1.2763	1.2395	.30697	.94679	.13618	1.1667

#1	.98646	4.7858	.50677	.07054	248.50	.31196	.22030
#2	.98884	4.8472	.51844	.07011	252.95	.31274	.22491
#3	.98616	4.9095	.51705	.07034	252.18	.31265	.22471

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.715	.40370	.30907	.12326	1.3535	.67911	.19312
Stddev	.085	.00594	.01768	.00243	.0098	.00785	.00429
%RSD	.79378	1.4725	5.7199	1.9742	.72789	1.1558	2.2197

#1	10.620	.39683	.28989	.12111	1.3648	.67049	.19000
#2	10.785	.40728	.32472	.12276	1.3492	.68585	.19135
#3	10.739	.40697	.31259	.12590	1.3465	.68098	.19801

Sample Name: K2203-18MSD Acquired: 4/25/2019 17:56:47 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19566	5.960	.23360	4.2045	F<.00000
Stddev	.00377	.073	.00050	.3602	1.1492
%RSD	1.9270	1.230	.21363	8.5669	7.0716

#1	.19154	5.875	.23305	3.8374	-16.898
#2	.19894	6.002	.23375	4.2187	-16.931
#3	.19651	6.002	.23402	4.5574	-14.924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4797.8	60096.	5765.0	71.902	4752.6
Stddev	47.5	118.	27.4	.413	41.9
%RSD	.98957	.19706	.47581	.57407	.88191

#1	4851.8	60136.	5733.4	72.055	4800.1
#2	4762.4	59963.	5783.1	71.434	4720.5
#3	4779.3	60190.	5778.4	72.216	4737.3

Sample Name: K2203-18A Acquired: 4/25/2019 18:05:35 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83300	2.0352	1.0509	2.1518	.80133	2.1886	.31559
Stddev	.00153	.0036	.0051	.0093	.00477	.0072	.00271
%RSD	.18406	.17873	.48170	.43399	.59481	.32842	.86006

#1	.83476	2.0310	1.0459	2.1412	.79584	2.1846	.31540
#2	.83227	2.0379	1.0560	2.1585	.80435	2.1844	.31298
#3	.83197	2.0366	1.0509	2.1558	.80381	2.1969	.31840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20602	.21319	14.901	.42772	.23248	.32424	3.2546
Stddev	.00033	.00058	.040	.00211	.00063	.00114	.0005
%RSD	.16076	.27107	.26850	.49352	.27032	.35174	.01503

#1	.20608	.21253	14.926	.42755	.23176	.32324	3.2550
#2	.20567	.21344	14.855	.42570	.23290	.32400	3.2549
#3	.20632	.21361	14.922	.42991	.23279	.32548	3.2541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1051	5.3023	.53211	.07301	281.90	.32499	.23245
Stddev	.0058	.0575	.00093	.00011	1.00	.00104	.00073
%RSD	.52089	1.0841	.17480	.14981	.35550	.31959	.31332

#1	1.1044	5.3174	.53113	.07292	281.72	.32593	.23203
#2	1.0998	5.2388	.53298	.07299	281.00	.32387	.23202
#3	1.1112	5.3507	.53221	.07313	282.98	.32516	.23329

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.318	.41548	.30708	.14176	1.4438	.69959	.20244
Stddev	.077	.00203	.02098	.00229	.0092	.00095	.00193
%RSD	.67685	.48751	6.8323	1.6154	.63359	.13600	.95252

#1	11.231	.41318	.32952	.13951	1.4542	.69886	.20370
#2	11.349	.41698	.30378	.14409	1.4368	.69925	.20341
#3	11.375	.41629	.28795	.14167	1.4405	.70067	.20022

Sample Name: K2203-18A Acquired: 4/25/2019 18:05:35 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20331	6.161	.24636	4.1481	F<.00000
Stddev	.00185	.020	.00160	.3926	.99595
%RSD	.91166	.3276	.64932	9.4648	7.0637

#1	.20130	6.147	.24744	4.0321	-15.214
#2	.20494	6.184	.24452	4.5856	-13.297
#3	.20370	6.153	.24712	3.8266	-13.788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4772.7	58961.	5664.1	71.217	4709.0
Stddev	5.6	74.	18.4	.798	4.1
%RSD	.11629	.12611	.32484	1.1204	.08779

#1	4775.7	59020.	5643.4	71.882	4707.4
#2	4776.1	58986.	5670.4	70.332	4713.7
#3	4766.3	58878.	5678.5	71.436	4705.9

Sample Name: K2203-20 Acquired: 4/25/2019 18:09:48 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	-.00171	.00228	.00313	-.00136	.07534	.09338
Stddev	.00013	.00100	.00032	.00375	.00157	.00318	.00045
%RSD	4.7004	58.138	13.974	119.59	115.24	4.2184	.47794

#1	-.00280	-.00073	.00239	.00431	-.00308	.07281	.09313
#2	-.00258	-.00170	.00253	-.00106	.00001	.07430	.09390
#3	-.00280	-.00272	.00192	.00615	-.00103	.07891	.09312

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00014	15.208	-.00054	.02552	.00717	.30158
Stddev	.00009	.00003	.061	.00035	.00014	.00047	.00207
%RSD	620.04	17.847	.40357	63.787	.53031	6.4963	.68475

#1	.00004	.00017	15.157	-.00026	.02557	.00751	.30377
#2	-.00012	.00012	15.191	-.00093	.02537	.00664	.29967
#3	.00004	.00014	15.276	-.00044	.02562	.00737	.30129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0514	3.1608	.00265	.00032	269.07	.00042	.01943
Stddev	.0028	.0511	.00033	.00017	1.44	.00020	.00017
%RSD	.26356	1.6168	12.586	52.448	.53625	46.921	.85108

#1	1.0504	3.1228	.00244	.00013	268.26	.00026	.01940
#2	1.0492	3.2189	.00247	.00044	268.20	.00064	.01928
#3	1.0545	3.1407	.00303	.00040	270.73	.00036	.01961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46715	.00017	.01477	.11215	.63191	-.00093	.00137
Stddev	.04643	.00022	.01176	.00103	.00061	.00070	.00049
%RSD	9.9398	130.39	79.667	.91629	.09640	74.564	35.960

#1	.41699	.00034	.01271	.11288	.63205	-.00097	.00100
#2	.47583	.00026	.02743	.11097	.63124	-.00022	.00193
#3	.50864	-.00008	.00417	.11258	.63243	-.00161	.00119

Sample Name: K2203-20 Acquired: 4/25/2019 18:09:48 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-042419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00354	.0034	.04780	4.2967	F<.00000
Stddev	.00145	.0012	.00024	.0906	.78079
%RSD	40.973	36.09	.51238	2.1081	3.2919
#1	.00261	.0023	.04807	4.3335	-23.555
#2	.00521	.0047	.04771	4.3630	-23.032
#3	.00280	.0032	.04760	4.1935	-24.568
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4810.7	58650.	5674.1	69.901	4774.4
Stddev	27.5	118.	19.7	1.649	26.1
%RSD	.57194	.20178	.34672	2.3590	.54579
#1	4787.0	58688.	5688.1	71.064	4749.1
#2	4840.9	58744.	5682.6	68.014	4801.2
#3	4804.3	58517.	5651.6	70.625	4772.9

Sample Name: K2544-02 Acquired: 4/25/2019 18:14:20 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 135-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00167	.03689	.00325	-.00170	.02629	.13358
Stddev	.00186	.00073	.00078	.00084	.00061	.00167	.00141
%RSD	143.73	43.520	2.1127	25.782	35.749	6.3497	1.0533

#1	-.00292	-.00091	.03601	.00399	-.00189	.02459	.13245
#2	.00073	-.00235	.03717	.00234	-.00220	.02793	.13515
#3	-.00170	-.00175	.03750	.00341	-.00102	.02635	.13312

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00142	117.72	-.00011	.00483	.00715	.08543
Stddev	.00004	.00017	.36	.00031	.00022	.00029	.00098
%RSD	109.87	12.030	.30839	280.57	4.5835	4.0089	1.1519

#1	-.00004	.00147	117.67	-.00037	.00508	.00709	.08434
#2	.00001	.00123	117.38	-.00019	.00478	.00747	.08570
#3	-.00008	.00156	118.10	.00023	.00465	.00690	.08625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93138	1.9887	.00964	-.00024	282.99	.00079	.61595
Stddev	.00298	.0323	.00021	.00029	.60	.00012	.00044
%RSD	.32040	1.6256	2.1442	120.73	.21204	15.168	.07116

#1	.92997	1.9668	.00946	-.00033	283.59	.00065	.61646
#2	.93481	1.9736	.00960	-.00046	282.39	.00086	.61573
#3	.92936	2.0258	.00987	.00008	282.97	.00086	.61567

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7527	.00102	.02050	3.0206	2.8141	-.00164	-.00169
Stddev	.0344	.00023	.00618	.0031	.0215	.00061	.00139
%RSD	1.2486	22.980	30.164	.10294	.76453	37.158	82.462

#1	2.7217	.00129	.01384	3.0208	2.8390	-.00145	-.00009
#2	2.7897	.00091	.02607	3.0236	2.8025	-.00233	-.00235
#3	2.7468	.00086	.02158	3.0174	2.8009	-.00115	-.00262

Sample Name: K2544-02 Acquired: 4/25/2019 18:14:20 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 135-20 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00956	.0066	.43244	5.5099	F<.00000
Stddev	.00266	.0010	.00161	.2781	4.0845
%RSD	27.812	15.80	.37196	5.0474	16.325
#1	.00893	.0054	.43401	5.4608	-27.473
#2	.00728	.0074	.43079	5.2596	-20.304
#3	.01248	.0069	.43252	5.8093	-27.281
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4725.1	58713.	5711.4	70.266	4685.9
Stddev	13.9	103.	42.6	2.003	10.4
%RSD	.29377	.17522	.74667	2.8512	.22110
#1	4709.1	58654.	5671.1	68.465	4675.7
#2	4731.7	58654.	5756.1	72.424	4696.4
#3	4734.5	58832.	5707.0	69.908	4685.5

Sample Name: K2553-03 Acquired: 4/25/2019 18:18:49 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00042	.00290	.00292	-.00250	.06763	.12108
Stddev	.00222	.00065	.00066	.00188	.00136	.01381	.00022
%RSD	420.01	153.76	22.883	64.512	54.541	20.423	.18076

#1	-.00250	-.00008	.00215	.00360	-.00097	.06837	.12131
#2	-.00097	-.00117	.00315	.00436	-.00295	.08105	.12105
#3	.00188	-.00002	.00340	.00079	-.00358	.05346	.12088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00005	11.811	.00050	-.00008	.00450	.03557
Stddev	.00003	.00005	.020	.00033	.00014	.00032	.00088
%RSD	95.295	106.66	.16795	64.570	165.21	7.1664	2.4749

#1	-.00000	-.00009	11.806	.00087	.00006	.00477	.03657
#2	.00006	.00001	11.833	.00038	-.00009	.00414	.03490
#3	.00005	-.00007	11.795	.00026	-.00022	.00459	.03525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05679	3.7172	-.00077	-.00014	257.05	.00057	.02422
Stddev	.00038	.0489	.00024	.00004	1.76	.00043	.00006
%RSD	.66281	1.3144	31.646	26.373	.68484	75.527	.26021

#1	.05688	3.7533	-.00105	-.00010	259.01	.00041	.02415
#2	.05712	3.7366	-.00066	-.00017	255.60	.00105	.02423
#3	.05638	3.6616	-.00060	-.00015	256.54	.00024	.02428

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54980	.00009	.01136	.14703	.64673	-.00118	.00118
Stddev	.01762	.00024	.01229	.00208	.00308	.00071	.00147
%RSD	3.2040	275.42	108.15	1.4155	.47690	59.786	124.67

#1	.56732	.00032	.02387	.14676	.64603	-.00199	.00255
#2	.55001	-.00017	.01090	.14923	.65011	-.00085	-.00037
#3	.53209	.00011	-.00069	.14509	.64406	-.00070	.00136

Sample Name: K2553-03 Acquired: 4/25/2019 18:18:49 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200034 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.0072	.07992	5.3194	F<.00000
Stddev	.00121	.0008	.00009	.3566	1.9950
%RSD	44.285	10.79	.11873	6.7040	12.614

#1	.00169	.0065	.07991	5.3744	-18.114
#2	.00246	.0081	.07983	4.9385	-14.531
#3	.00406	.0072	.08002	5.6454	-14.802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4828.4	59751.	5846.4	72.456	4815.0
Stddev	12.3	232.	9.7	.676	5.5
%RSD	.25457	.38871	.16539	.93246	.11487

#1	4818.2	59489.	5835.3	72.707	4812.7
#2	4825.0	59831.	5852.0	71.691	4810.9
#3	4842.0	59933.	5852.0	72.970	4821.3

Sample Name: K2553-06 Acquired: 4/25/2019 18:23:22 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	-.00165	.00428	.00136	-.00225	.34494	.08835
Stddev	.00338	.00034	.00083	.00068	.00065	.00843	.00126
%RSD	120.07	20.380	19.483	50.097	28.830	2.4445	1.4307

#1	-.00481	-.00159	.00332	.00147	-.00150	.35345	.08708
#2	-.00472	-.00135	.00471	.00063	-.00269	.33659	.08838
#3	.00109	-.00201	.00481	.00198	-.00255	.34479	.08961

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00001	1.6686	.00045	.00303	.00476	.16796
Stddev	.00010	.00004	.0140	.00018	.00015	.00038	.00088
%RSD	181.93	346.05	.83970	38.576	4.9018	7.9688	.52609

#1	-.00006	-.00001	1.6844	.00066	.00303	.00506	.16780
#2	-.00014	-.00002	1.6635	.00037	.00289	.00433	.16717
#3	.00005	.00006	1.6578	.00034	.00319	.00489	.16891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09204	.35769	.00060	-.00029	274.99	.00063	.04543
Stddev	.00014	.03151	.00023	.00045	2.04	.00033	.00018
%RSD	.14668	8.8090	37.635	156.17	.74061	52.081	.39860

#1	.09199	.35663	.00044	-.00070	272.77	.00028	.04553
#2	.09194	.38971	.00086	.00018	276.77	.00069	.04555
#3	.09219	.32672	.00051	-.00034	275.43	.00093	.04522

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48027	.00015	.00926	.15595	.43761	-.00185	.00782
Stddev	.03642	.00018	.00656	.00337	.00564	.00021	.00140
%RSD	7.5829	119.80	70.889	2.1590	1.2897	11.135	17.967

#1	.44790	.00021	.01590	.15555	.44322	-.00172	.00647
#2	.51970	.00029	.00908	.15950	.43768	-.00208	.00771
#3	.47321	-.00005	.00278	.15280	.43193	-.00174	.00927

Sample Name: K2553-06 Acquired: 4/25/2019 18:23:22 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00226	.0037	.01258	4.4905	F<.00000
Stddev	.00099	.0005	.00002	.1300	1.9755
%RSD	44.059	13.67	.13425	2.8957	13.683

#1	.00198	.0032	.01256	4.3465	-15.424
#2	.00143	.0042	.01259	4.5993	-15.726
#3	.00336	.0036	.01260	4.5256	-12.163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4876.6	60311.	5854.0	72.758	4865.1
Stddev	13.7	324.	45.5	1.091	16.7
%RSD	.28055	.53690	.77806	1.4989	.34249

#1	4862.4	60529.	5803.4	73.964	4847.0
#2	4889.7	60464.	5866.7	72.468	4868.5
#3	4877.6	59939.	5891.8	71.841	4879.8

Sample Name: K2554-03 Acquired: 4/25/2019 18:27:55 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT3860 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	-.00081	.00421	.00265	-.00081	.03839	.15232
Stddev	.00089	.00044	.00057	.00262	.00064	.01641	.00057
%RSD	44.398	54.129	13.613	98.860	79.190	42.750	.37510

#1	-.00271	-.00119	.00386	.00104	-.00120	.02108	.15205
#2	-.00232	-.00033	.00487	.00124	-.00007	.04037	.15298
#3	-.00101	-.00092	.00390	.00568	-.00114	.05373	.15194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00002	7.1156	.00055	.00058	.00043	.00443
Stddev	.00006	.00005	.0128	.00022	.00020	.00065	.00039
%RSD	63.989	191.58	.18026	40.267	33.561	151.53	8.8009

#1	-.00004	.00008	7.1257	.00074	.00078	.00109	.00403
#2	-.00015	.00000	7.1012	.00031	.00039	-.00021	.00481
#3	-.00007	-.00001	7.1199	.00059	.00059	.00040	.00444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03558	1.4014	-.00063	-.00033	252.09	.00003	.12159
Stddev	.00018	.0423	.00010	.00067	2.12	.00045	.00067
%RSD	.49921	3.0192	16.033	204.51	.84199	1324.4	.55212

#1	.03577	1.3916	-.00052	.00045	250.49	-.00027	.12130
#2	.03554	1.4478	-.00072	-.00072	254.50	.00055	.12111
#3	.03542	1.3649	-.00065	-.00070	251.27	-.00018	.12236

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73436	.00015	.03005	.22368	.32844	-.00108	.00005
Stddev	.02796	.00015	.00886	.00136	.00298	.00037	.00122
%RSD	3.8080	98.109	29.475	.60674	.90859	34.295	2658.0

#1	.71121	.00032	.02007	.22525	.33149	-.00088	.00105
#2	.72644	.00005	.03312	.22290	.32552	-.00086	.00039
#3	.76543	.00008	.03697	.22290	.32832	-.00151	-.00131

Sample Name: K2554-03 Acquired: 4/25/2019 18:27:55 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT3860 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00118	.0017	.04653	4.1315	F<.00000
Stddev	.00147	.0022	.00007	.1803	1.9969
%RSD	125.06	133.5	.15582	4.3641	15.617

#1	-.00045	-.0009	.04651	4.0877	-15.016
#2	.00156	.0025	.04647	3.9771	-11.163
#3	.00241	.0034	.04661	4.3297	-12.181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4918.7	61069.	5898.7	73.561	4908.4
Stddev	6.7	150.	48.6	.907	11.8
%RSD	.13702	.24524	.82474	1.2328	.23986

#1	4923.6	61000.	5842.9	72.536	4905.6
#2	4921.4	60966.	5921.0	73.884	4921.3
#3	4911.0	61241.	5932.2	74.261	4898.2

Sample Name: CCV04 Acquired: 4/25/2019 18:32:29 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9635	4.9867	4.9868	5.0442	4.9736	9.7944	10.124
Stddev	.0127	.0059	.0082	.0159	.0142	.0215	.004
%RSD	.25576	.11774	.16444	.31604	.28521	.21907	.03985

#1	4.9748	4.9934	4.9934	5.0499	4.9788	9.8057	10.120
#2	4.9497	4.9845	4.9894	5.0262	4.9576	9.7696	10.128
#3	4.9660	4.9823	4.9776	5.0565	4.9845	9.8078	10.124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25141	2.4756	24.749	.98943	2.4867	1.2445	4.9715
Stddev	.00015	.0041	.086	.00132	.0029	.0045	.0032
%RSD	.05801	.16719	.34558	.13348	.11675	.35887	.06467

#1	.25124	2.4782	24.708	.98790	2.4894	1.2471	4.9677
#2	.25148	2.4778	24.692	.99017	2.4869	1.2393	4.9731
#3	.25151	2.4708	24.848	.99020	2.4836	1.2471	4.9735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4441	25.001	2.4670	1.2357	24.874	2.4735	2.4957
Stddev	.0041	.090	.0038	.0008	.018	.0010	.0033
%RSD	.16879	.35906	.15311	.06752	.07374	.04101	.13324

#1	2.4452	25.015	2.4713	1.2349	24.857	2.4733	2.4985
#2	2.4475	25.084	2.4653	1.2366	24.894	2.4726	2.4965
#3	2.4395	24.906	2.4644	1.2357	24.872	2.4746	2.4920

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.332	4.9824	4.8926	4.9665	4.7915	4.9792	4.9360
Stddev	.075	.0120	.0190	.0090	.0094	.0089	.0150
%RSD	.30955	.24102	.38861	.18045	.19517	.17917	.30304

#1	24.260	4.9957	4.8934	4.9725	4.7954	4.9881	4.9428
#2	24.411	4.9725	4.8731	4.9562	4.7808	4.9702	4.9189
#3	24.326	4.9789	4.9111	4.9708	4.7982	4.9792	4.9464

Sample Name: CCV04 Acquired: 4/25/2019 18:32:29 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7625	4.952	4.9515	F 3.7444	F<.00000
Stddev	.0150	.019	.0100	.2779	4.4372
%RSD	.31454	.3815	.20162	7.4218	182.65
#1	4.7675	4.968	4.9569	3.4659	-6.8486
#2	4.7456	4.931	4.9400	3.7455	2.0256
#3	4.7743	4.956	4.9577	4.0217	-2.4650
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5084.7	62549.	5969.4	74.614	5027.8
Stddev	10.3	103.	19.6	2.592	2.9
%RSD	.20229	.16467	.32885	3.4735	.05755
#1	5080.1	62648.	5975.0	74.862	5024.5
#2	5096.5	62558.	5985.7	77.073	5028.8
#3	5077.5	62442.	5947.6	71.908	5030.1

Sample Name: CCB04 Acquired: 4/25/2019 18:36:27 Type: Unk
Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00029	-.00107	.00026	.00011	-.00348	.00032
Stddev	.00209	.00073	.00044	.00174	.00095	.00634	.00057
%RSD	826.75	253.75	41.354	664.53	902.75	182.03	175.85

#1	-.00060	.00083	-.00088	-.00133	.00120	-.00717	.00055
#2	.00264	.00058	-.00158	.00001	-.00055	-.00711	-.00032
#3	-.00128	-.00055	-.00076	.00211	-.00033	.00384	.00074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00003	-.01095	.00018	.00012	-.00050	-.00059
Stddev	.00002	.00005	.01381	.00006	.00003	.00017	.00031
%RSD	27.452	173.96	126.04	34.063	26.098	33.275	51.896

#1	-.00011	.00008	.00209	.00019	.00008	-.00070	-.00026
#2	-.00006	.00003	-.00954	.00012	.00014	-.00039	-.00087
#3	-.00008	-.00002	-.02541	.00024	.00013	-.00043	-.00065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00286	-.00021	-.00066	.08208	.00021	-.00022
Stddev	.00005	.00529	.00034	.00029	.00987	.00045	.00002
%RSD	1901.2	185.24	160.45	44.197	12.021	210.96	11.059

#1	.00000	-.00323	-.00050	-.00098	.07409	-.00023	-.00020
#2	-.00005	.00542	.00017	-.00041	.09311	.00020	-.00024
#3	.00004	.00638	-.00030	-.00059	.07904	.00066	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00839	.00043	-.00254	F -.03306	.00183	-.00032	-.00036
Stddev	.01302	.00011	.00976	.00033	.00124	.00073	.00058
%RSD	155.15	26.836	384.26	1.0032	67.953	231.17	158.75

#1	.01711	.00056	.00722	-.03313	.00176	.00042	-.00103
#2	-.00658	.00034	-.01230	-.03269	.00311	-.00105	-.00008
#3	.01465	.00038	-.00254	-.03334	.00062	-.00032	.00001

Sample Name: CCB04 Acquired: 4/25/2019 18:36:27 Type: Unk
 Method: P4-ICP2(v3070) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	.0005	.00005	F .67608	F<.00000
Stddev	.00035	.0005	.00006	.19292	3.3558
%RSD	53.529	101.1	126.44	28.535	1439.4
#1	-.00029	.0010	.00003	.45388	-.96965
#2	-.00068	.0005	-.00001	.77357	-3.1595
#3	-.00098	-.0000	.00011	.80080	3.4297
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5323.3	65401.	5999.7	76.498	5756.6
Stddev	9.8	92.	28.7	1.715	6.8
%RSD	.18500	.14123	.47864	2.2414	.11871
#1	5312.1	65363.	5982.8	76.357	5749.7
#2	5330.8	65333.	5983.5	74.859	5763.3
#3	5326.9	65506.	6032.9	78.280	5756.9