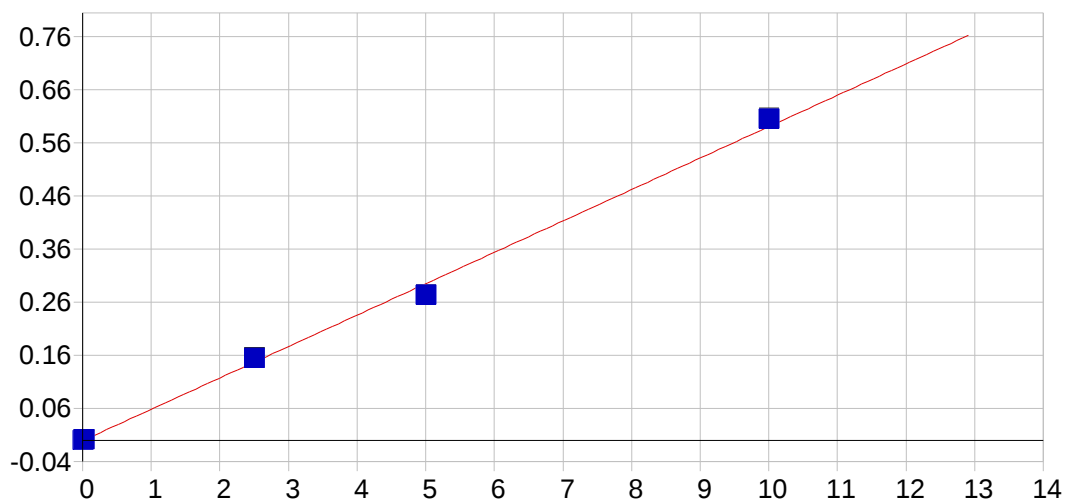




As 189.042 {478}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000761

Re-Slope: 1.000000

A1 (Gain): 0.059141

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998879

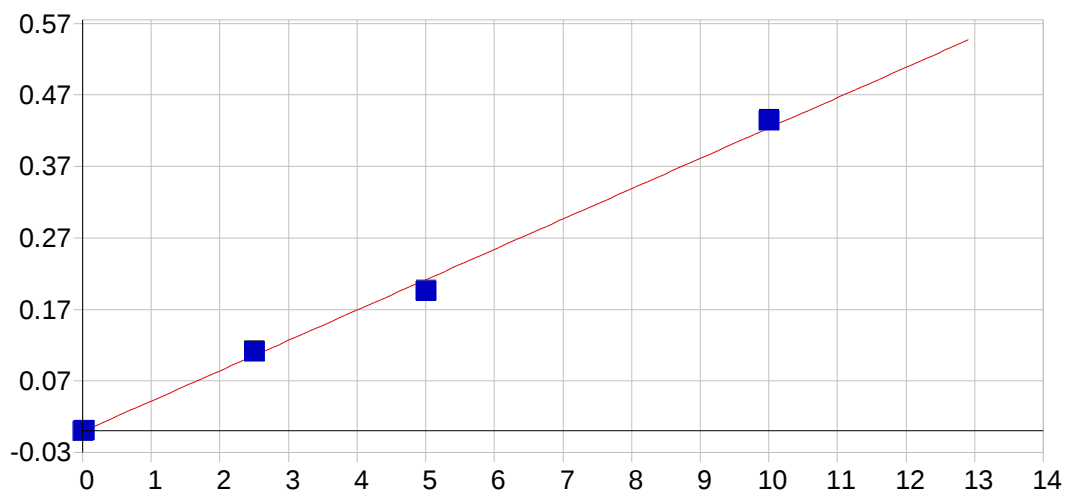
Status: OK.

Std Error of Est: 0.000068

Predicted MDL: 0.003171

Predicted MQL: 0.010570

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00076	.000	1
S1	.02000	.01992	-.000	-.406	.00042	.000	1
S3	2.5000	2.6250	.125	5.00	.15447	.000	1
S4	5.0000	4.6314	-.369	-7.37	.27312	.000	1
S5	10.000	10.244	.244	2.44	.60502	.001	1



As 189.042 {479}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

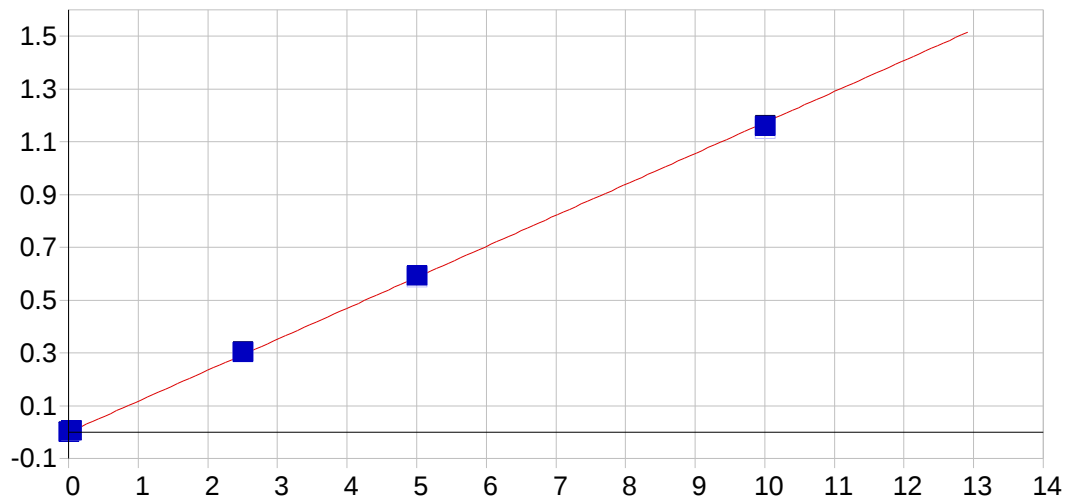
Weighting: 1/Conc

A0 (Offset): -0.000580

Re-Slope: 1.000000

A1 (Gain): 0.042422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998866 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002894
 Predicted MQL: 0.009647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.02000	.02163	.002	8.17	.00034	.000	1
S3	2.5000	2.6249	.125	4.99	.11073	.001	1
S4	5.0000	4.6295	-.371	-7.41	.19573	.000	1
S5	10.000	10.244	.244	2.44	.43384	.001	1

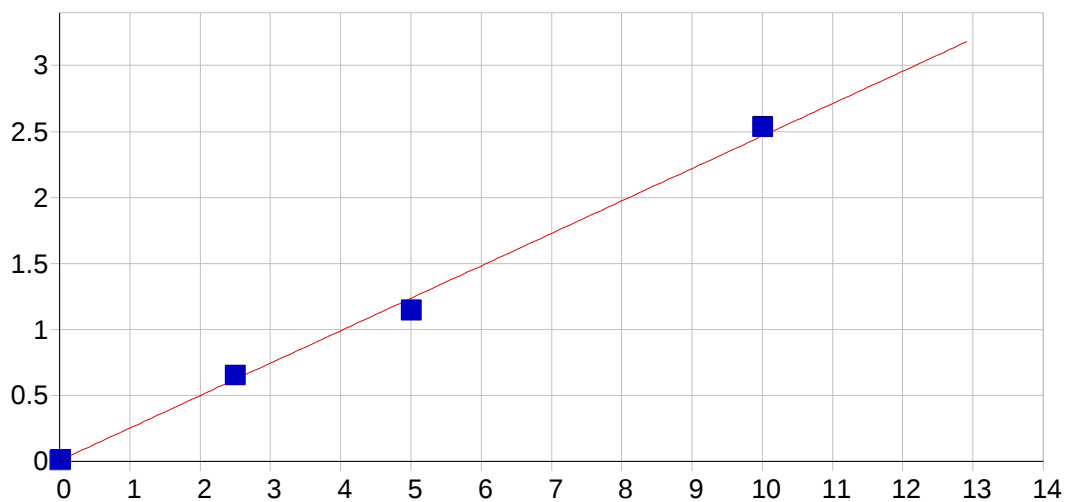


TI 190.856 {477}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.117337 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001267
 Predicted MQL: 0.004223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00035	.000	1
S1	.04000	.04656	.007	16.4	.00500	.000	1
S3	2.5000	2.5810	.081	3.24	.29949	.001	1
S4	5.0000	5.0343	.034	.687	.58435	.001	1
S5	10.000	9.8782	-.122	-1.22	1.1467	.002	1

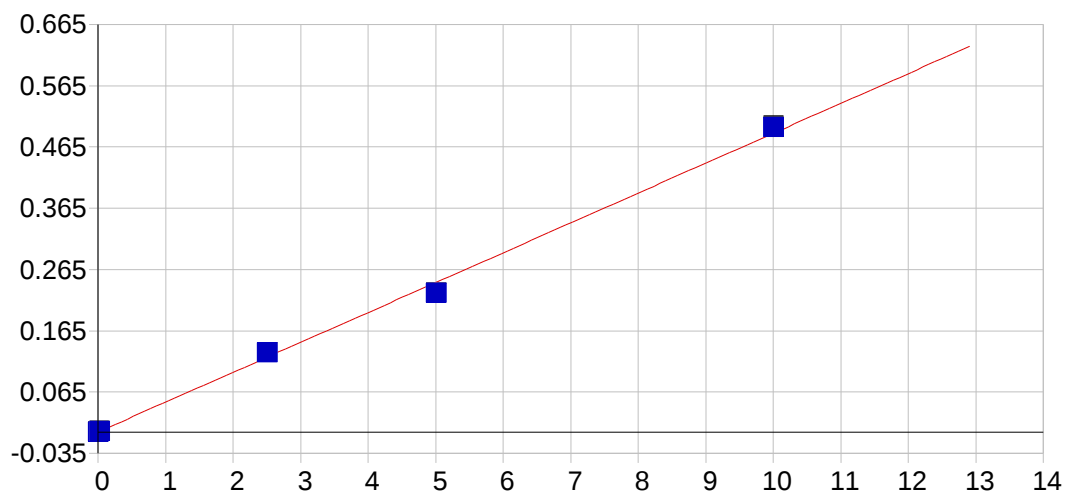


Pb 220.353 {453}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006613 Re-Slope: 1.000000
 A1 (Gain): 0.245864 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998822 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.001051
 Predicted MQL: 0.003505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00661	.000	1
S1	.01200	.01234	.000	2.81	.00959	.000	1
S3	2.5000	2.6091	.109	4.37	.64738	.001	1
S4	5.0000	4.6188	-.381	-7.62	1.1408	.002	1
S5	10.000	10.272	.272	2.72	2.5292	.003	1



Se 196.090 {472}

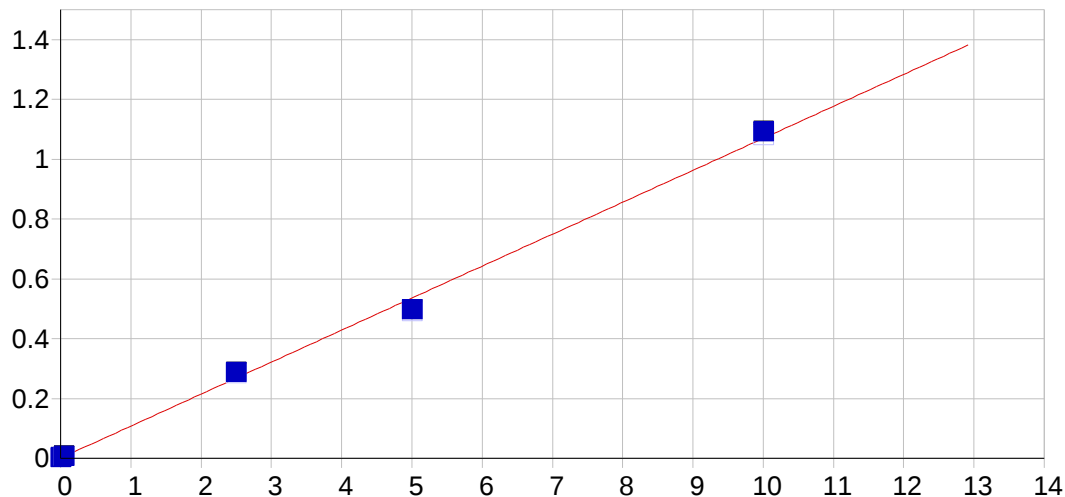
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000238 Re-Slope: 1.000000
 A1 (Gain): 0.048753 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998897
 Std Error of Est: 0.000055
 Predicted MDL: 0.003547
 Predicted MQL: 0.011824

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02000	.02219	.002	11.0	.00084	.000	1
S3	2.5000	2.6512	.151	6.05	.12900	.000	1
S4	5.0000	4.6447	-.355	-7.11	.22618	.000	1
S5	10.000	10.202	.202	2.02	.49708	.002	1



Sb 206.833 {463}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

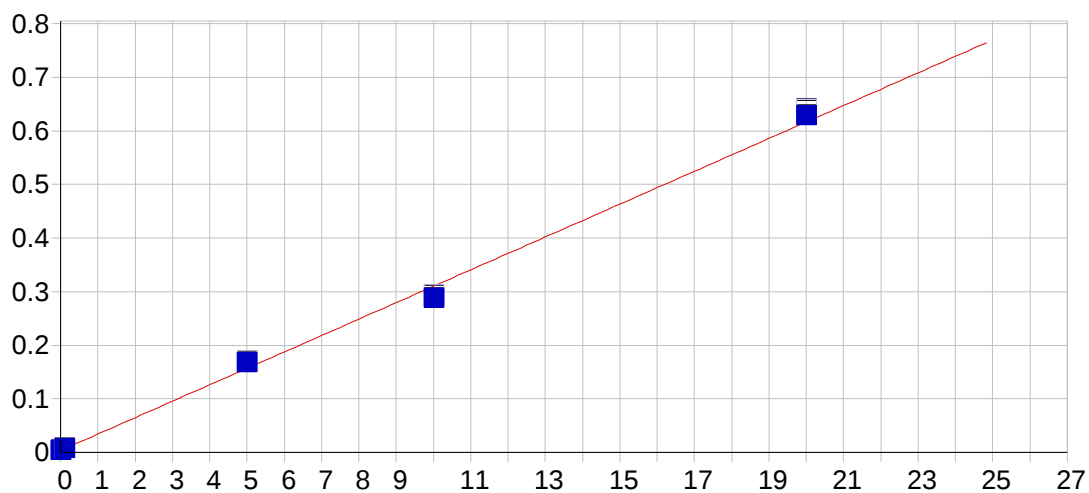
Weighting: 1/Conc

A0 (Offset): 0.001110
 A1 (Gain): 0.106882
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998730
 Std Error of Est: 0.000204
 Predicted MDL: 0.002006
 Predicted MQL: 0.006688

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	.00111	.000	1
S1	.05000	.05791	.008	15.8	.00717	.000	1
S3	2.5000	2.6656	.166	6.62	.28301	.000	1
S4	5.0000	4.6289	-.371	-7.42	.48985	.001	1
S5	10.000	10.198	.198	1.98	1.0790	.003	1

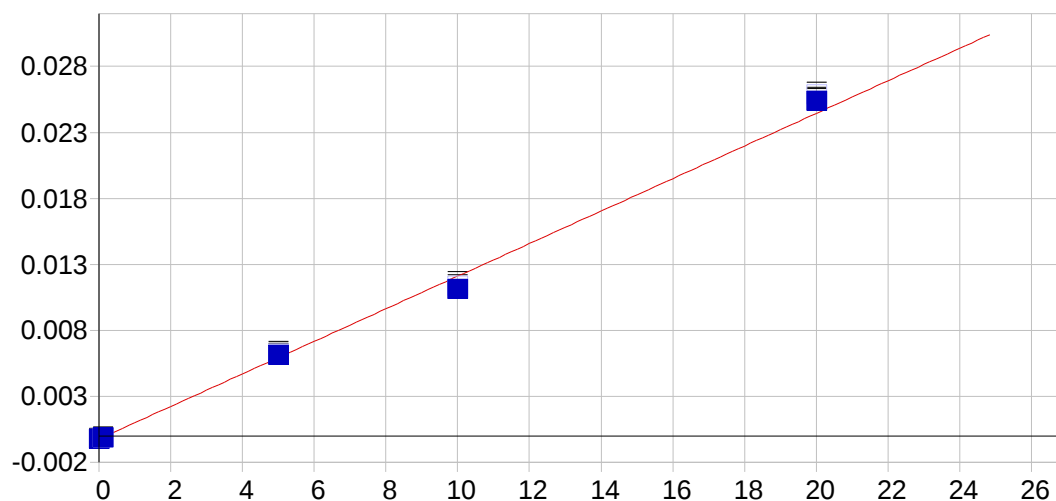


AI 308.215 {109}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003555 Re-Slope: 1.000000
 A1 (Gain): 0.030647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998780 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.003207
 Predicted MQL: 0.010689

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00355	.000	1
S1	.10000	.11708	.017	17.1	.00736	.000	1
S3	5.0000	5.3548	.355	7.10	.17071	.000	1
S4	10.000	9.2620	-.738	-7.38	.29351	.000	1
S5	20.000	20.365	.365	1.83	.63989	.002	1



AI 309.271 {109}

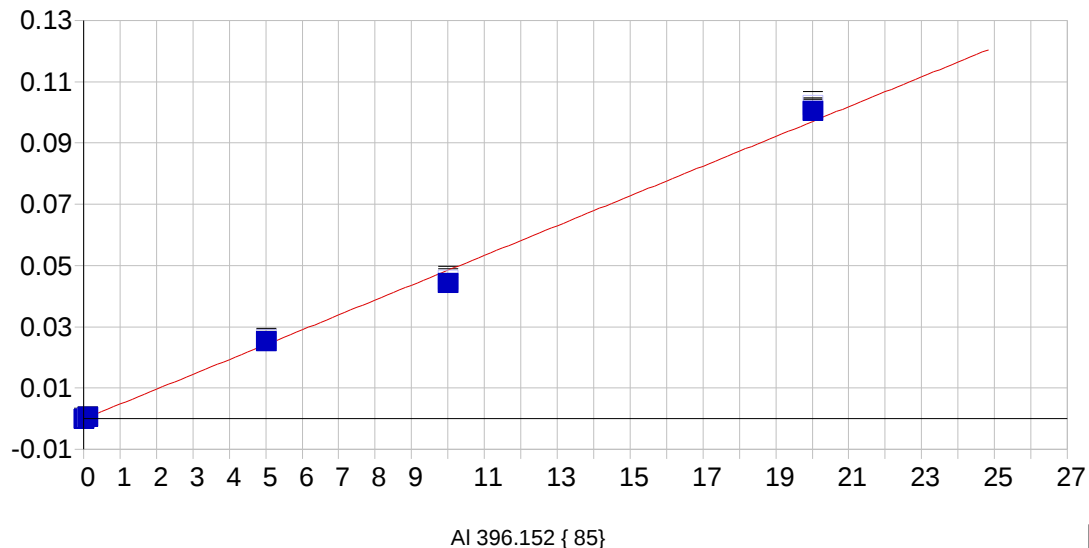
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000237 Re-Slope: 1.000000
 A1 (Gain): 0.001234 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998535
 Std Error of Est: 0.000005
 Predicted MDL: 0.041613
 Predicted MQL: 0.138709

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00024	.000	1
S1	.10000	.07157	-.028	-28.4	-.00014	.000	1
S3	5.0000	5.1252	.125	2.50	.00621	.000	1
S4	10.000	9.1694	-.831	-8.31	.01132	.000	1
S5	20.000	20.735	.735	3.68	.02584	.000	1



Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

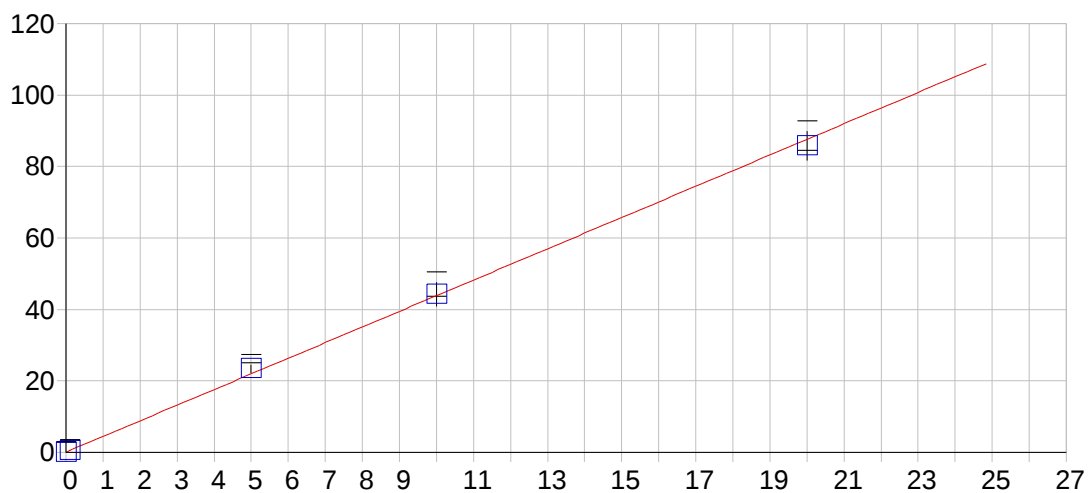
Weighting: 1/Conc

A0 (Offset): -0.000118
 A1 (Gain): 0.004856
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998488
 Std Error of Est: 0.000021
 Predicted MDL: 0.018479
 Predicted MQL: 0.061598

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	-.00012	.000	1
S1	.10000	.10952	.010	9.52	.00045	.000	1
S3	5.0000	5.2090	.209	4.18	.02566	.000	1
S4	10.000	9.1129	-.887	-8.87	.04510	.001	1
S5	20.000	20.668	.668	3.34	.10219	.001	1

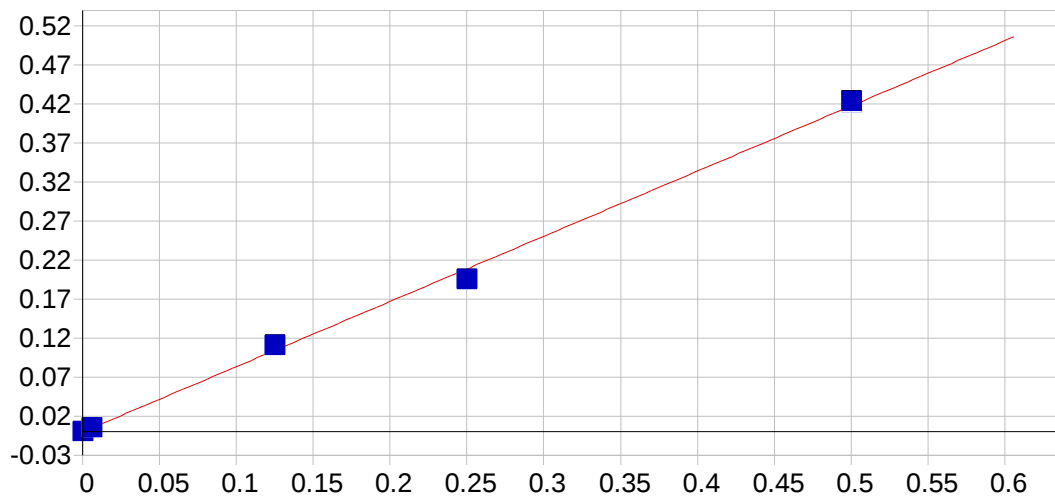


Ba 493.409 { 68}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.087192 Re-Slope: 1.000000
 A1 (Gain): 4.375972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.010361
 Predicted MDL: 0.000881
 Predicted MQL: 0.002938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.08710	.007	1
S1	.10000	.11600	.016	16.0	.59482	.049	1
S3	5.0000	5.3234	.323	6.47	23.382	1.24	1
S5	20.000	19.568	-.432	-2.16	85.716	4.11	1
S4	10.000	10.093	.093	.927	44.253	3.36	1



Be 234.861 {144}

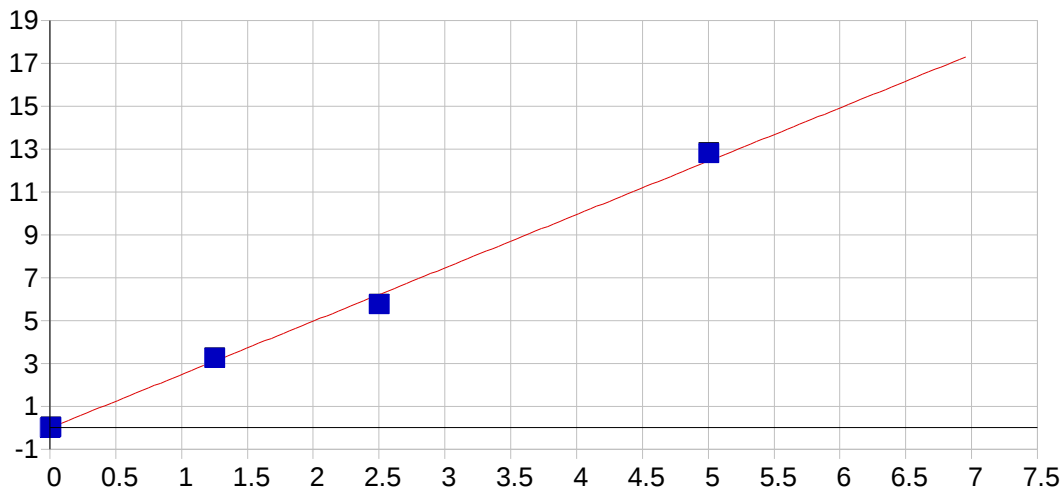
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.835543 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999012
 Std Error of Est: 0.000110
 Predicted MDL: 0.000074
 Predicted MQL: 0.000248

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.00600	.00658	.001	9.71	.00542	.000	1
S3	.12500	.13307	.008	6.45	.11049	.000	1
S4	.25000	.23393	-.016	-6.43	.19411	.000	1
S5	.50000	.50743	.007	1.49	.42132	.001	1



Cd 226.502 {449}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

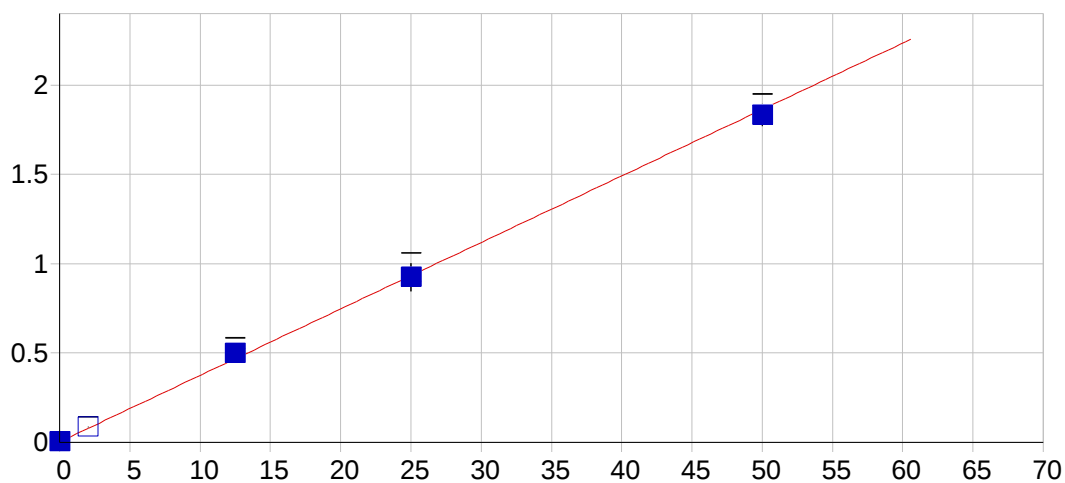
Weighting: 1/Conc

A0 (Offset): -0.002210
 A1 (Gain): 2.487899
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998831
 Std Error of Est: 0.001126
 Predicted MDL: 0.000104
 Predicted MQL: 0.000347

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	-.00221	.000	1
S1	.00600	.00635	.000	5.79	.01359	.000	1
S3	1.2500	1.2995	.050	3.96	3.2309	.006	1
S4	2.5000	2.3093	-.191	-7.63	5.7432	.003	1
S5	5.0000	5.1409	.141	2.82	12.788	.023	1

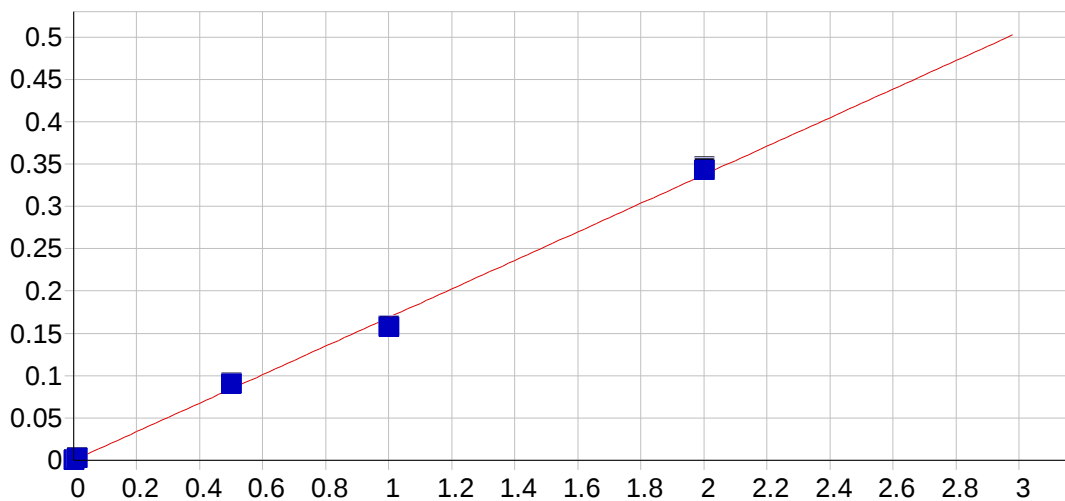


Ca 373.690 { 90}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003199 Re-Slope: 1.000000
 A1 (Gain): 0.037196 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999444 Status: OK.
 Std Error of Est: 0.000677
 Predicted MDL: 0.022761
 Predicted MQL: 0.075869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2391	.239	12.0	.08648	.001	1
S0	.00000	-.00032	-.000	.000	.00319	.000	1
S3	12.500	13.328	.828	6.62	.49918	.029	1
S4	25.000	24.774	-.226	-.902	.92521	.079	1
S5	50.000	49.159	-.841	-1.68	1.8327	.060	1



Cr 267.716 {126}

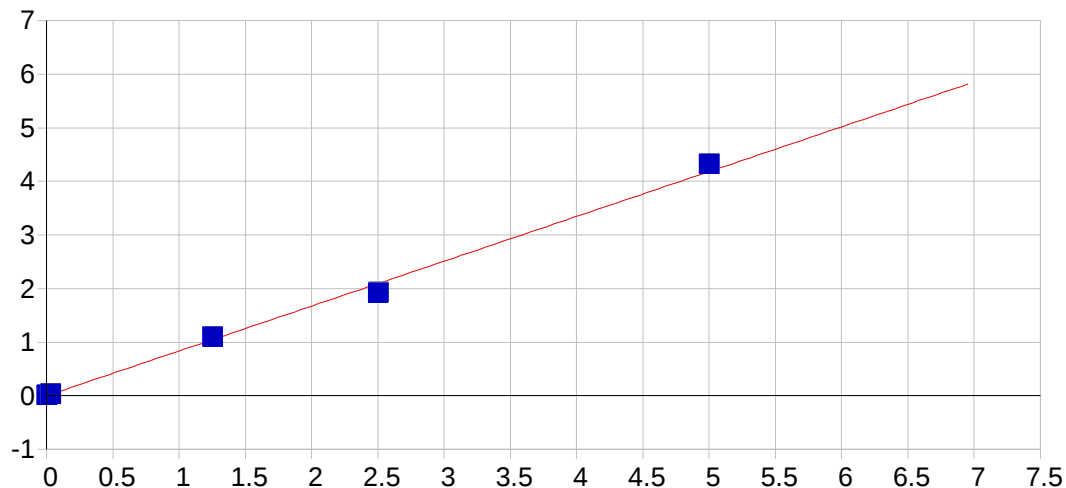
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.168596 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998917
 Std Error of Est: 0.000060
 Predicted MDL: 0.000469
 Predicted MQL: 0.001563

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.01000	.01159	.002	15.9	.00208	.000	1
S3	.50000	.53411	.034	6.82	.09080	.000	1
S4	1.0000	.93198	-.068	-6.80	.15850	.000	1
S5	2.0000	2.0323	.032	1.62	.34528	.001	1



Co 228.616 {447}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

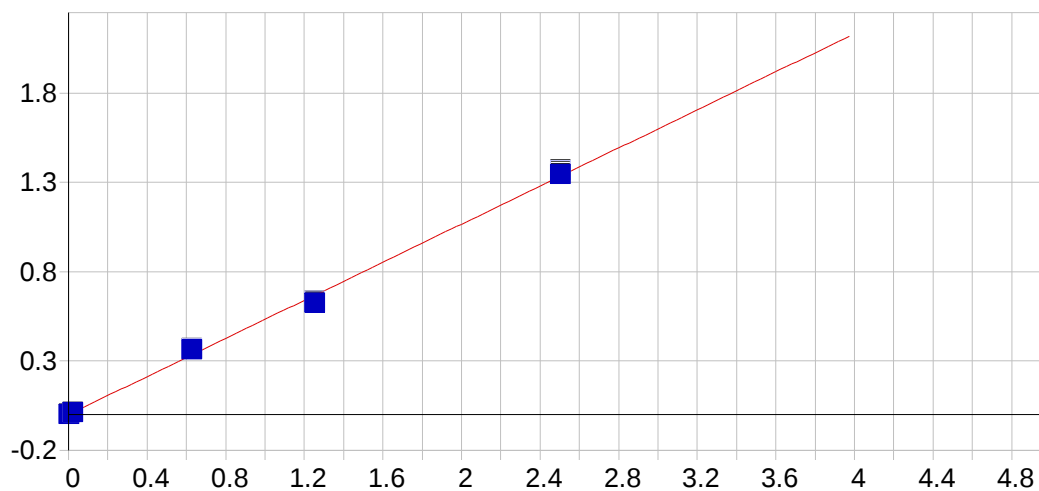
Weighting: 1/Conc

A0 (Offset): -0.000722
 A1 (Gain): 0.836289
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998640
 Std Error of Est: 0.000915
 Predicted MDL: 0.000279
 Predicted MQL: 0.000931

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	-.00073	.000	1
S1	.03000	.03470	.005	15.7	.02813	.000	1
S3	1.2500	1.2980	.048	3.84	1.0856	.001	1
S4	2.5000	2.2953	-.205	-8.19	1.9204	.004	1
S5	5.0000	5.1520	.152	3.04	4.3111	.003	1

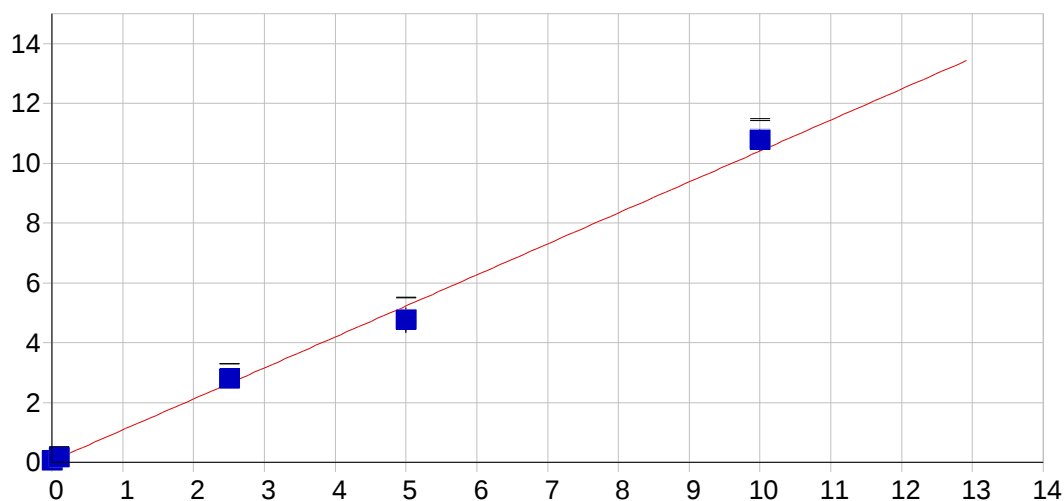


Cu 224.700 {450}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.533069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998762 Status: OK.
 Std Error of Est: 0.000326
 Predicted MDL: 0.000560
 Predicted MQL: 0.001866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.02000	.02371	.004	18.5	.01280	.000	1
S3	.62500	.68123	.056	9.00	.36853	.000	1
S4	1.2500	1.1685	-.082	-6.52	.63363	.001	1
S5	2.5000	2.5216	.022	.864	1.3657	.003	1



Fe 240.488 {140}

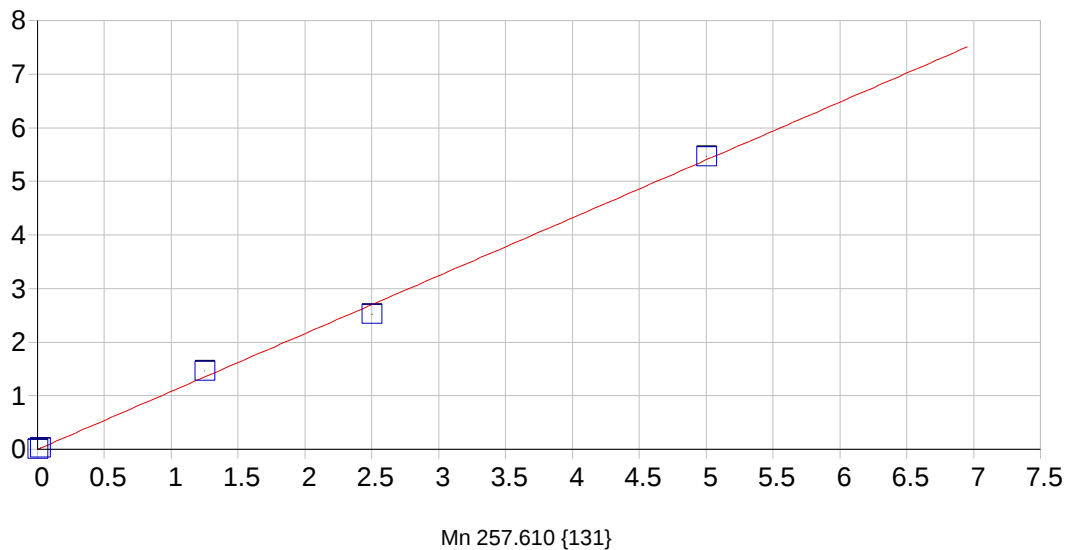
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.045706 Re-Slope: 1.000000
 A1 (Gain): 1.036417 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998249
 Std Error of Est: 0.003341
 Predicted MDL: 0.008986
 Predicted MQL: 0.029953

Status: OK.

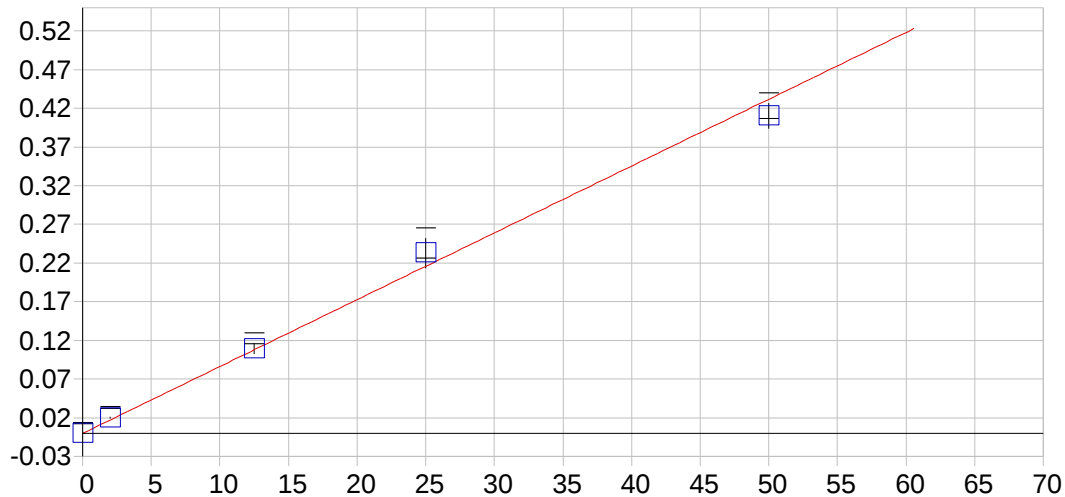
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.04571	.006	1
S1	.10000	.09542	-.005	-4.58	.14511	.030	1
S3	2.5000	2.6340	.134	5.36	2.7886	.175	1
S4	5.0000	4.5330	-.467	-9.34	4.7698	.414	1
S5	10.000	10.338	.338	3.38	10.812	.333	1



Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000524 Re-Slope: 1.000000
 A1 (Gain): 1.079568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998844 Status: OK.
 Std Error of Est: 0.000888
 Predicted MDL: 0.000069
 Predicted MQL: 0.000231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.02000	.02402	.004	20.1	.02645	.000	1
S3	1.2500	1.3518	.102	8.14	1.4599	.003	1
S4	2.5000	2.3374	-.163	-6.50	2.5239	.001	1
S5	5.0000	5.0567	.057	1.13	5.4596	.007	1

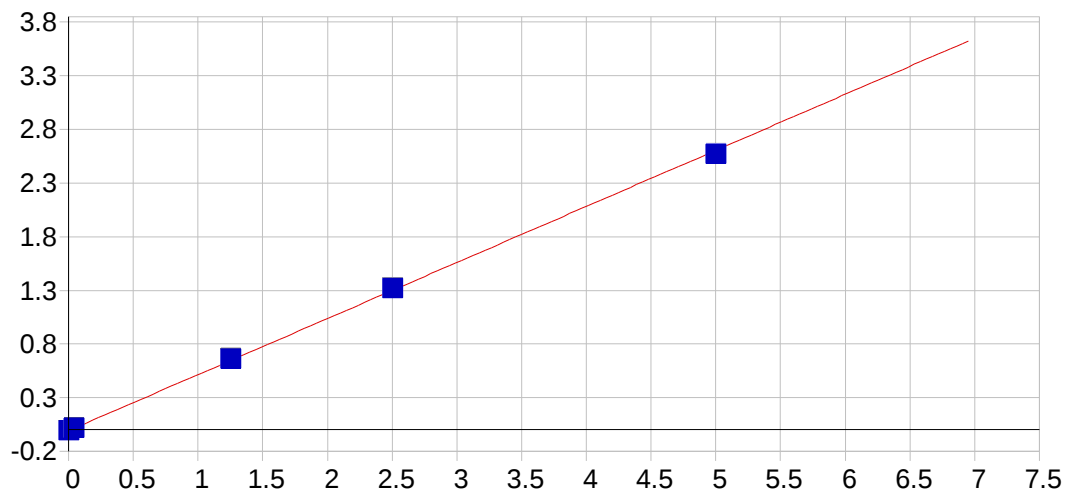


Mg 279.079 {121}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000207 Re-Slope: 1.000000
 A1 (Gain): 0.008638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998098 Status: OK.
 Std Error of Est: 0.000291
 Predicted MDL: 0.054597
 Predicted MQL: 0.181990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3427	.343	17.1	.02003	.001	1
S0	.00000	-.00043	-.000	.000	-.00021	.001	1
S3	12.500	12.682	.182	1.46	.10935	.007	1
S4	25.000	26.971	1.97	7.88	.23278	.020	1
S5	50.000	47.505	-2.50	-4.99	.41016	.016	1



Ni 231.604 {445}

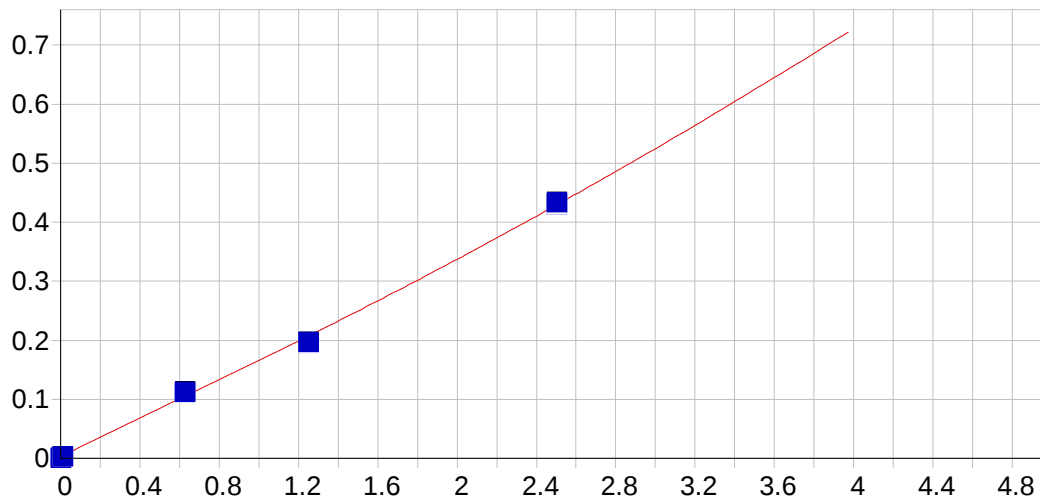
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007778 Re-Slope: 1.000000
 A1 (Gain): 0.522521 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837
 Std Error of Est: 0.000228
 Predicted MDL: 0.000477
 Predicted MQL: 0.001591

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00778	.000	1
S1	.04000	.04527	.005	13.2	.01589	.000	1
S3	1.2500	1.2797	.030	2.38	.66163	.001	1
S4	2.5000	2.5348	.035	1.39	1.3182	.001	1
S5	5.0000	4.9301	-.070	-1.40	2.5712	.003	1



Ag 328.068 {103}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Full Fit

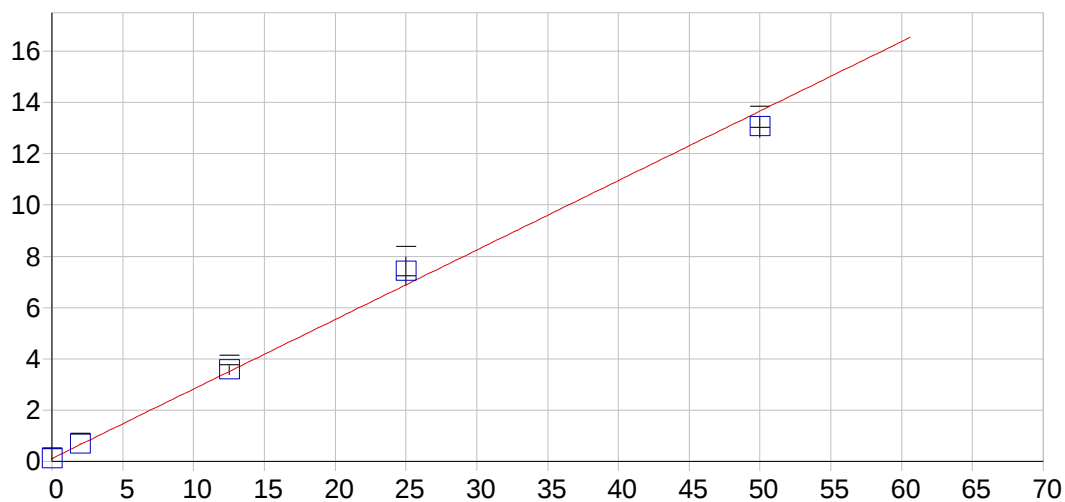
Weighting: 1/Conc

A0 (Offset): 0.000382
 A1 (Gain): 0.147629
 A2 (Curvature): 0.017624
 n (Exponent): 0.900000
 Correlation: 0.999168
 Std Error of Est: 0.000101
 Predicted MDL: 0.000799
 Predicted MQL: 0.002663

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	.00038	.000	1
S1	.01000	.00833	-.002	-16.7	.00234	.000	1
S3	.62500	.67124	.046	7.40	.11106	.000	1
S4	1.2500	1.1840	-.066	-5.28	.19405	.000	1
S5	2.5000	2.5207	.021	.830	.42855	.001	1

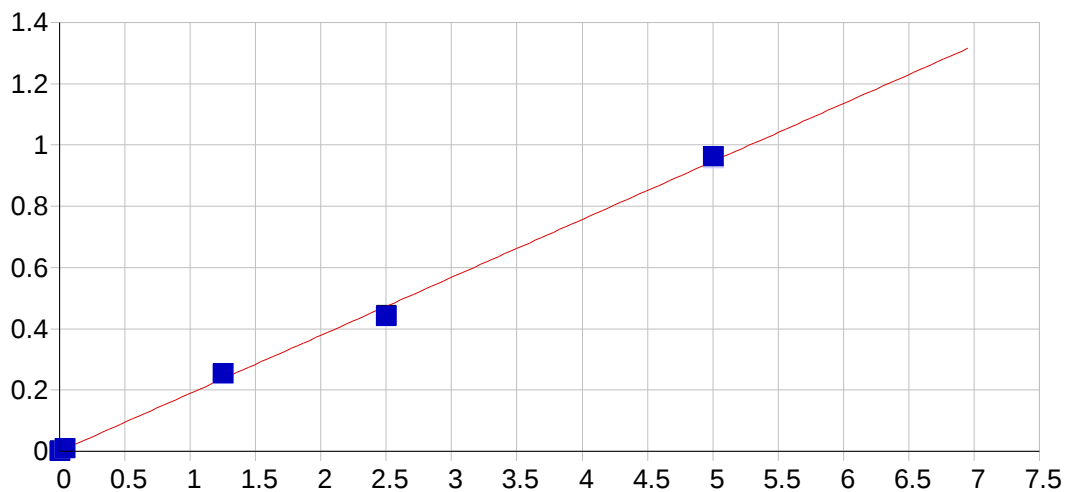


Na 589.592 { 57}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.111084 Re-Slope: 1.000000
 A1 (Gain): 0.271135 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998532 Status: OK.
 Std Error of Est: 0.008026
 Predicted MDL: 0.012456
 Predicted MQL: 0.041521

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1116	.112	5.58	.68361	.011	1
S0	.00000	-.00021	-.000	.000	.11103	.011	1
S3	12.500	12.744	.244	1.95	3.5664	.189	1
S4	25.000	26.925	1.92	7.70	7.4113	.574	1
S5	50.000	47.720	-2.28	-4.56	13.050	.408	1



V 292.402 {115}

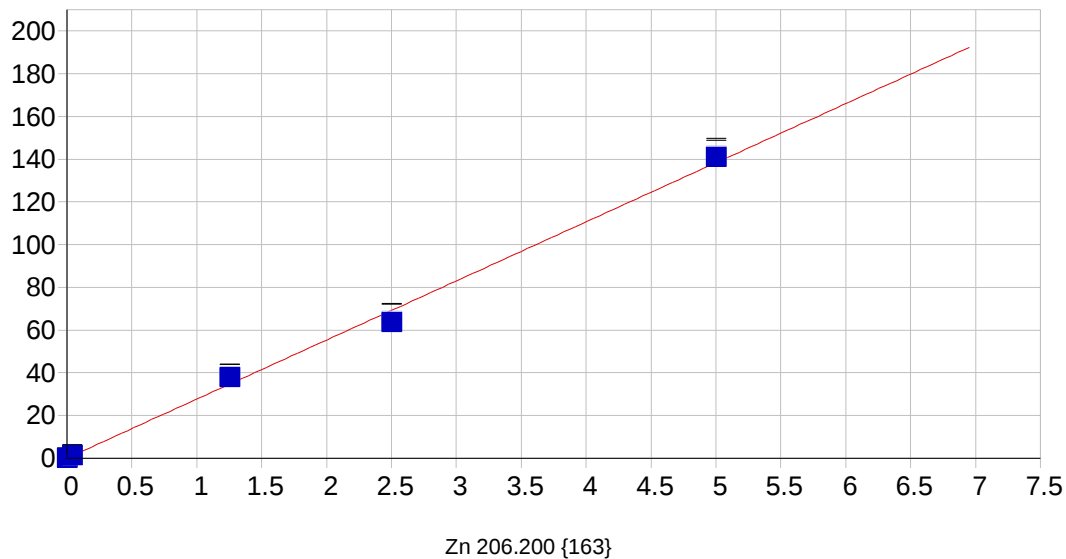
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.189213 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998875
 Std Error of Est: 0.000216
 Predicted MDL: 0.000529
 Predicted MQL: 0.001763

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00016	.000	1
S1	.04000	.04776	.008	19.4	.00908	.000	1
S3	1.2500	1.3333	.083	6.67	.25090	.000	1
S4	2.5000	2.3319	-.168	-6.72	.43829	.001	1
S5	5.0000	5.0771	.077	1.54	.95462	.001	1



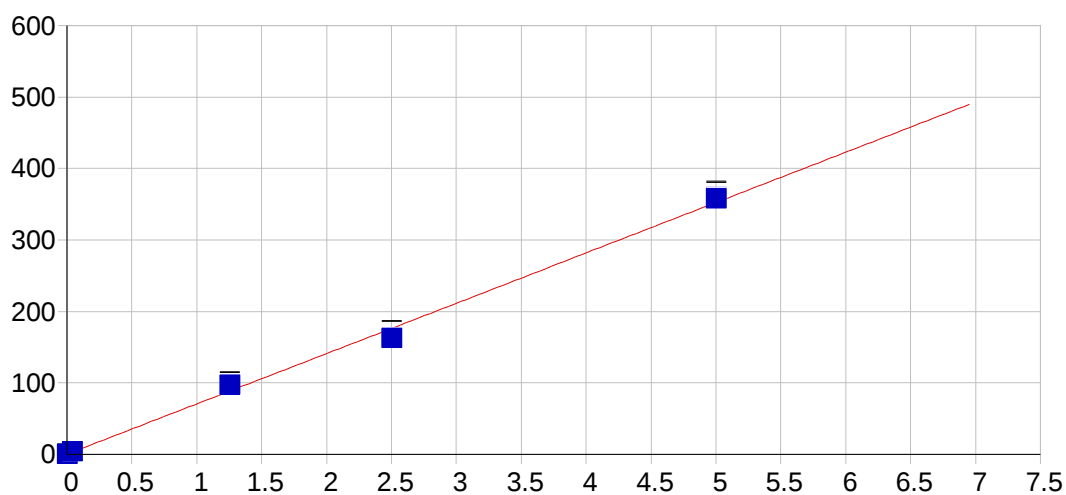
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.072650
 A1 (Gain): 27.654980
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998372
 Std Error of Est: 0.038455
 Predicted MDL: 0.000489
 Predicted MQL: 0.001629

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	.07250	.019	1
S1	.04000	.04425	.004	10.6	1.3037	.054	1
S3	1.2500	1.3644	.114	9.15	38.013	1.37	1
S4	2.5000	2.2959	-.204	-8.16	63.985	3.70	1
S5	5.0000	5.0855	.085	1.71	141.55	3.49	1

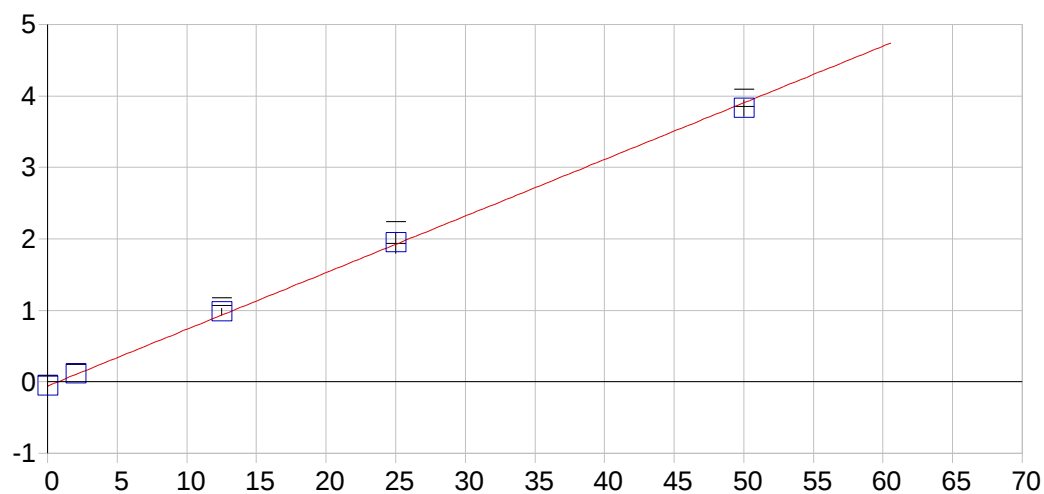


Zn 213.856 {458}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.232079 Re-Slope: 1.000000
 A1 (Gain): 70.421453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998327 Status: OK.
 Std Error of Est: 0.099263
 Predicted MDL: 0.000101
 Predicted MQL: 0.000338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.23153	.013	1
S1	.04000	.04662	.007	16.5	3.5335	.146	1
S3	1.2500	1.3704	.120	9.63	97.269	3.57	1
S4	2.5000	2.2996	-.200	-8.02	163.24	9.61	1
S5	5.0000	5.0734	.073	1.47	359.64	8.76	1



K 766.490 {44}

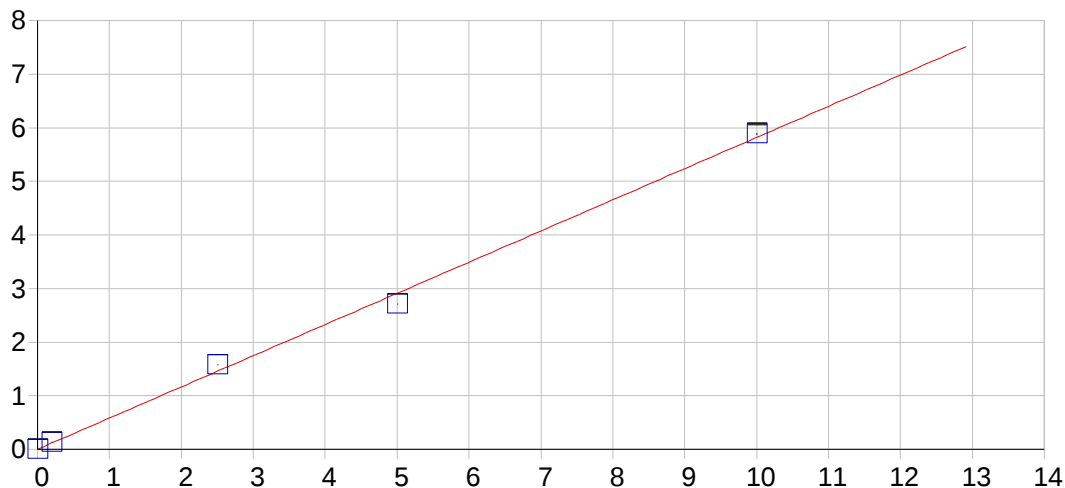
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.057101 Re-Slope: 1.000000
 A1 (Gain): 0.079221 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724
 Std Error of Est: 0.001016
 Predicted MDL: 0.045327
 Predicted MQL: 0.151091

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0785	.079	3.93	.10756	.004	1
S0	.00000	-.00015	-.000	.000	-.05711	.004	1
S3	12.500	13.066	.566	4.53	.97799	.055	1
S4	25.000	25.287	.287	1.15	1.9462	.150	1
S5	50.000	49.068	-.932	-1.86	3.8302	.122	1



Mo 202.030 {467}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

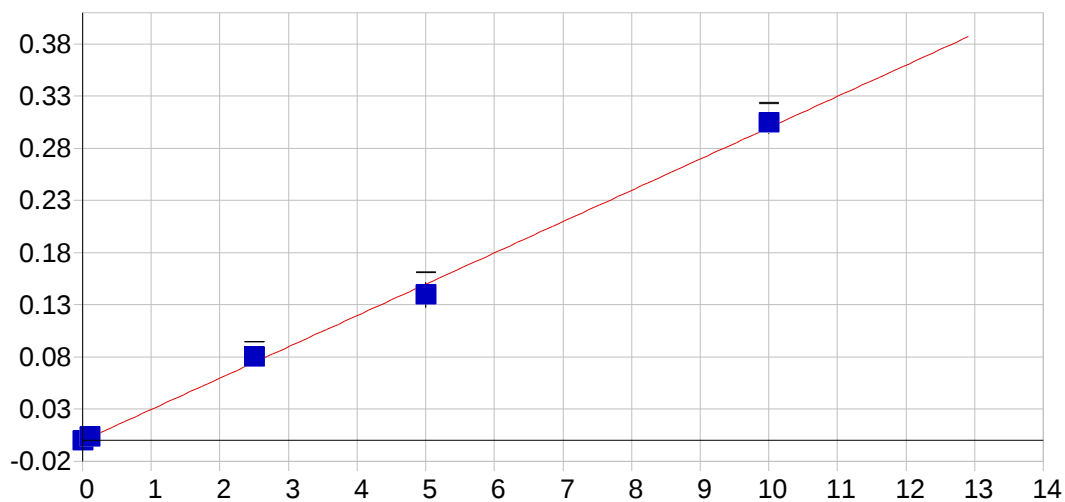
Weighting: 1/Conc

A0 (Offset): 0.001085
 A1 (Gain): 0.581718
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998751
 Std Error of Est: 0.002234
 Predicted MDL: 0.000332
 Predicted MQL: 0.001107

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00107	.000	1
S1	.20000	.22577	.026	12.9	.13242	.000	1
S3	2.5000	2.7052	.205	8.21	1.5747	.002	1
S4	5.0000	4.6611	-.339	-6.78	2.7125	.003	1
S5	10.000	10.108	.108	1.08	5.8811	.015	1

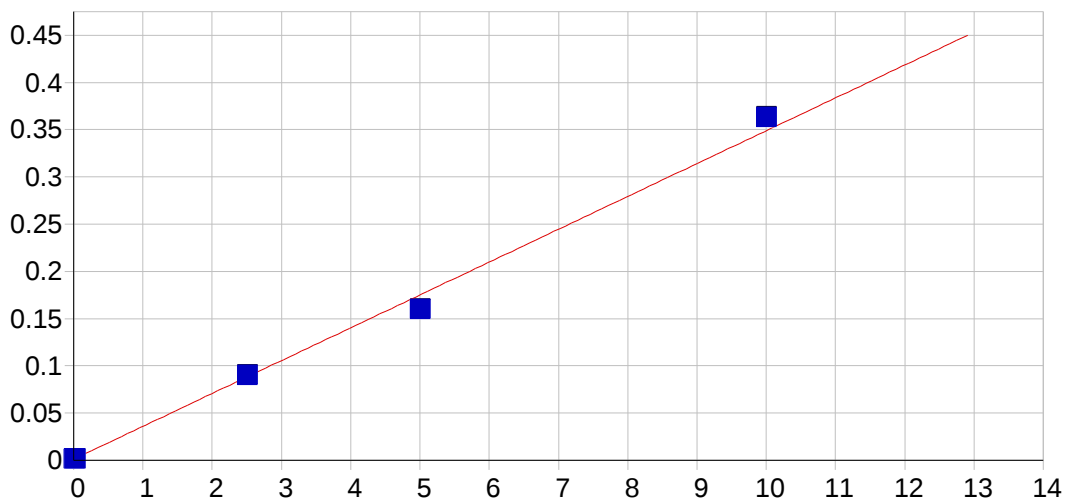


B 249.678 {135}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.030001 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998900 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.013130
 Predicted MQL: 0.043767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00023	.000	1
S1	.10000	.10926	.009	9.26	.00304	.000	1
S3	2.5000	2.6771	.177	7.08	.07991	.005	1
S4	5.0000	4.6616	-.338	-6.77	.13927	.012	1
S5	10.000	10.152	.152	1.52	.30364	.010	1



S 182.034 {485}

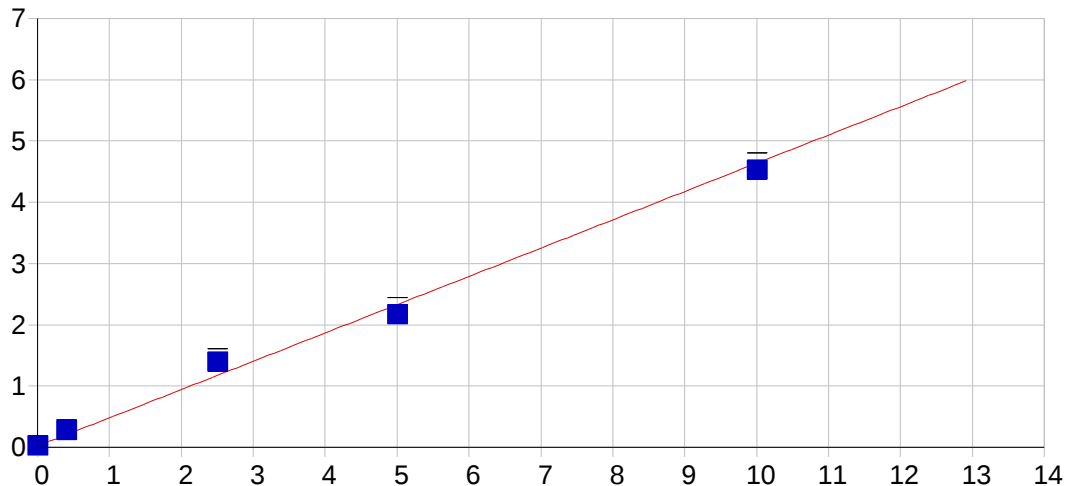
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001208 Re-Slope: 1.000000
 A1 (Gain): 0.034771 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998230
 Std Error of Est: 0.000050
 Predicted MDL: 0.003466
 Predicted MQL: 0.011553

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00121	.000	1
S1	.02000	.00908	-.011	-54.6	.00150	.000	1
S3	2.5000	2.5477	.048	1.91	.08970	.000	1
S4	5.0000	4.5591	-.441	-8.82	.15954	.000	1
S5	10.000	10.404	.404	4.04	.36257	.001	1



Si 288.158 {117}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

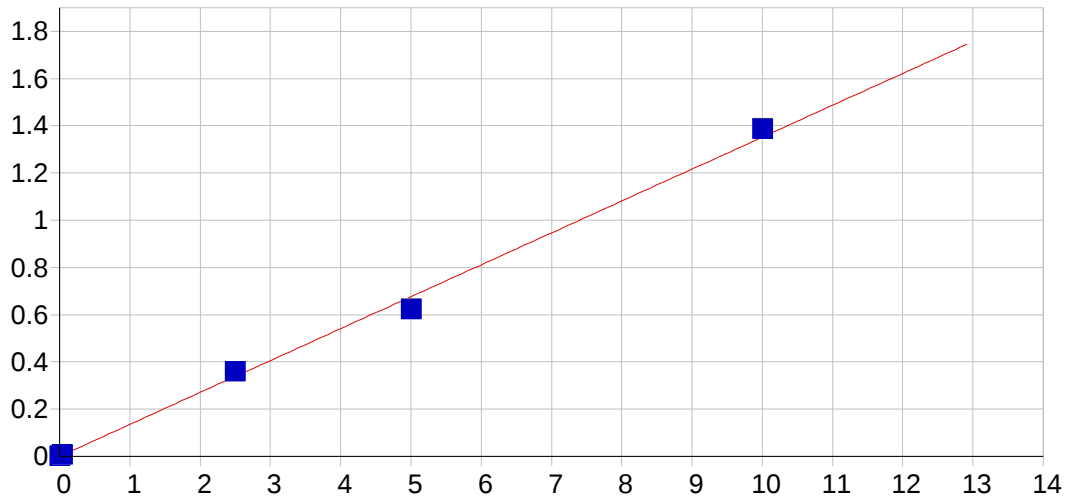
Weighting: 1/Conc

A0 (Offset): 0.019495
 A1 (Gain): 0.461745
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995347
 Std Error of Est: 0.004876
 Predicted MDL: 0.003015
 Predicted MQL: 0.010050

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	-.00018	-.000	.000	.01941	.004	1
S1	.40000	.53996	.140	35.0	.26867	.018	1
S3	2.5000	2.9647	.465	18.6	1.3878	.055	1
S4	5.0000	4.6381	-.362	-7.24	2.1599	.121	1
S5	10.000	9.7573	-.243	-2.43	4.5224	.115	1

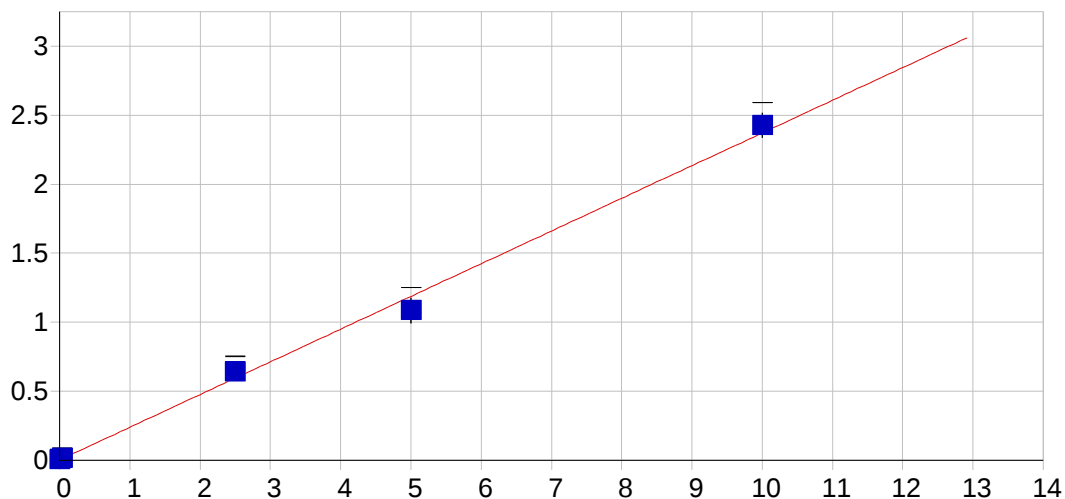


Sn 189.989 {477}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000564 Re-Slope: 1.000000
 A1 (Gain): 0.135110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998649 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.000818
 Predicted MQL: 0.002728

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00056	.000	1
S1	.04000	.04403	.004	10.1	.00651	.000	1
S3	2.5000	2.6477	.148	5.91	.35835	.001	1
S4	5.0000	4.5990	-.401	-8.02	.62205	.001	1
S5	10.000	10.249	.249	2.49	1.3856	.003	1



Ti 336.121 {100}

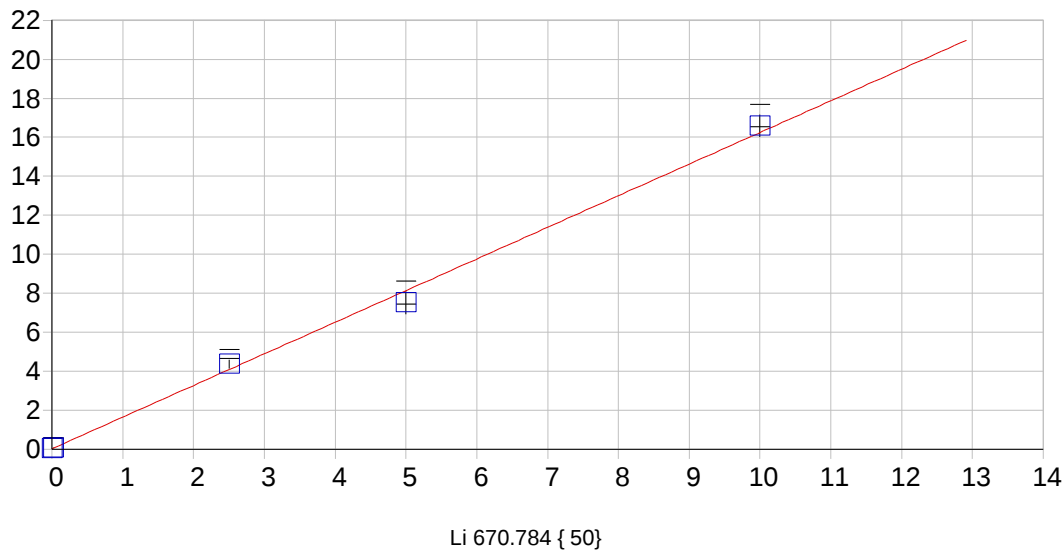
Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003014 Re-Slope: 1.000000
 A1 (Gain): 0.236832 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998317
 Std Error of Est: 0.000470
 Predicted MDL: 0.002935
 Predicted MQL: 0.009784

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00301	.000	1
S1	.04000	.04567	.006	14.2	.01383	.001	1
S3	2.5000	2.6966	.197	7.86	.64158	.038	1
S4	5.0000	4.5666	-.433	-8.67	1.0844	.091	1
S5	10.000	10.231	.231	2.31	2.4258	.091	1



Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

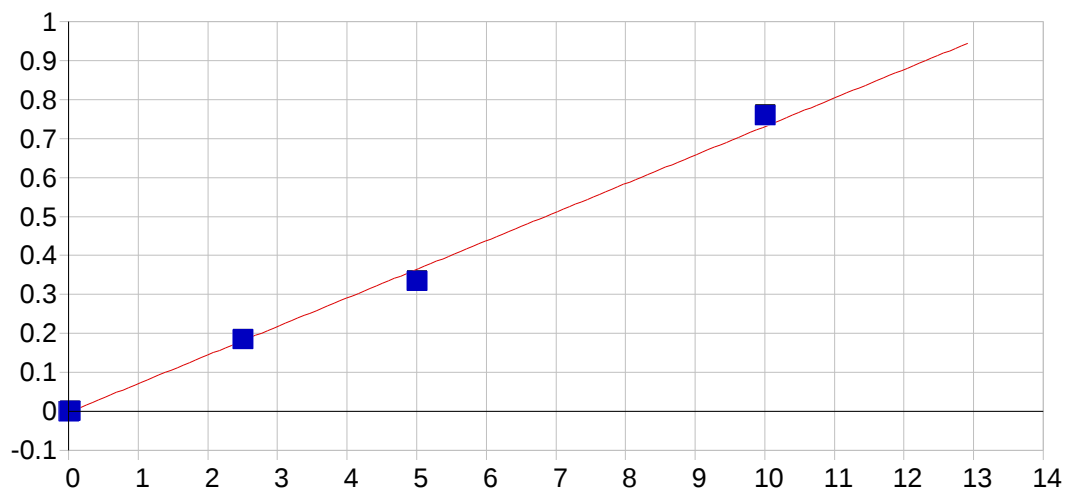
Weighting: 1/Conc

A0 (Offset): 0.028857
 A1 (Gain): 1.622002
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998657
 Std Error of Est: 0.002033
 Predicted MDL: 0.002165
 Predicted MQL: 0.007215

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	.02885	.006	1
S1	.02000	.02150	.001	7.49	.06373	.009	1
S3	2.5000	2.6800	.180	7.20	4.3758	.230	1
S4	5.0000	4.6134	-.387	-7.73	7.5118	.585	1
S5	10.000	10.205	.205	2.05	16.582	.567	1



P 177.495 {490}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002033 Re-Slope: 1.000000
 A1 (Gain): 0.073276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998614 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.001627
 Predicted MQL: 0.005422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00203	.000	1
S1	.02000	.01879	-.001	-6.05	-.00066	.000	1
S3	2.5000	2.5364	.036	1.46	.18356	.001	1
S4	5.0000	4.5889	-.411	-8.22	.33369	.001	1
S5	10.000	10.376	.376	3.76	.75721	.002	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

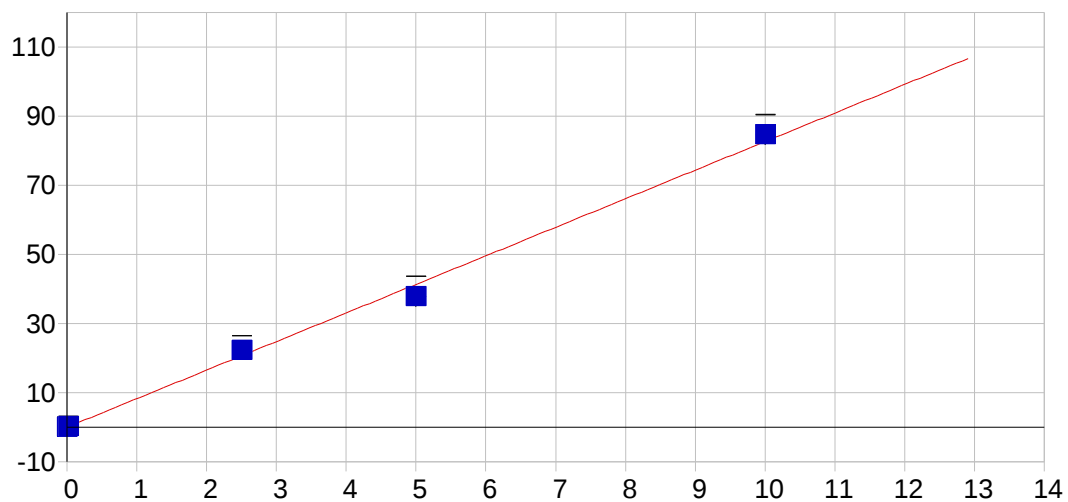
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006591

Re-Slope: 1.000000

A1 (Gain): 8.265270

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998411

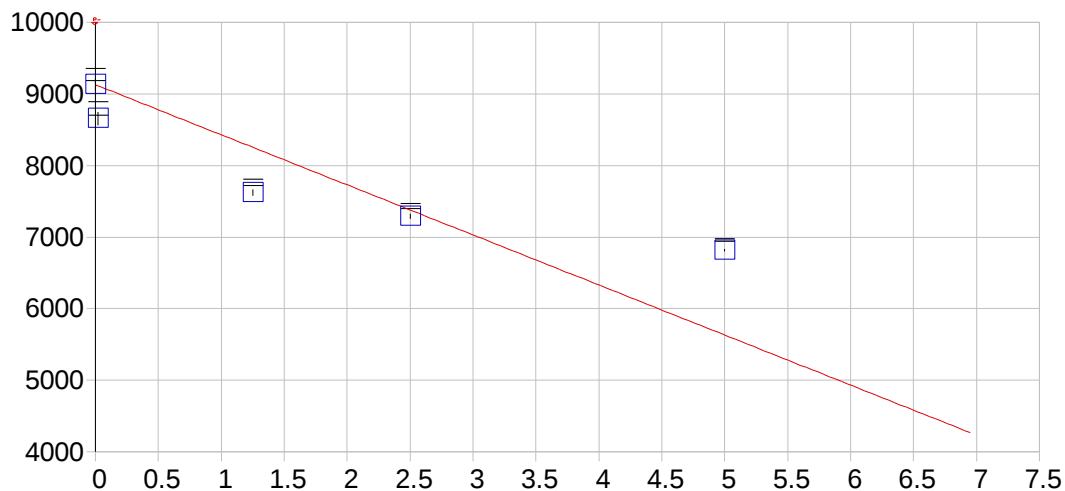
Status: OK.

Std Error of Est: 0.011280

Predicted MDL: 0.000161

Predicted MQL: 0.000536

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00661	.000	1
S1	.02000	.02160	.002	7.98	.17282	.015	1
S3	2.5000	2.6910	.191	7.64	22.258	1.21	1
S4	5.0000	4.5764	-.424	-8.47	37.864	2.95	1
S5	10.000	10.231	.231	2.31	84.646	2.94	1

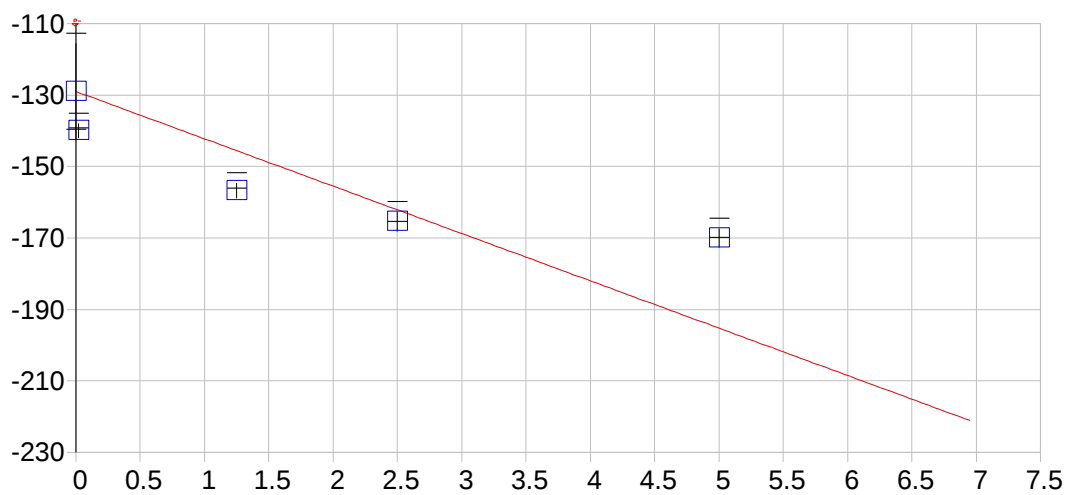


U 367.007 { 92}

Date of Fit: 1/22/2019 13:27:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 9128.022037 Re-Slope: 1.000000
A1 (Gain): -699.381502 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.526616 Status: Warning Negative Gain
Std Error of Est: 19.292984
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00067	-.001	.000	9128.5	85.0	1
S1	.02000	.67721	.657	3290.	8654.4	92.4	1
S3	1.2500	2.1552	.905	72.4	7620.7	44.8	1
S4	2.5000	2.6293	.129	5.17	7289.1	35.3	1
S5	5.0000	3.3083	-1.69	-33.8	6814.3	19.9	1



U 385.958 { 87}

Date of Fit: 1/22/2019 13:27:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -129.001661

Re-Slope: 1.000000

A1 (Gain): -13.245334

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.453675

Status: Warning Negative Gain

Std Error of Est: 0.444617

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00081	-.001	.000	-128.99	13.4	1
S1	.02000	.82598	.806	4030.	-139.94	2.04	1
S3	1.2500	2.0980	.848	67.8	-156.79	2.16	1
S4	2.5000	2.7504	.250	10.0	-165.43	2.75	1
S5	5.0000	3.0956	-1.90	-38.1	-170.00	2.61	1

Sample Name: S0 Acquired: 1/22/2019 11:23:05 Type: Cal
Method: P4-ICP2(v2757) 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	-.00058	-.00035	.00661	-.00024	.00111	-.00012	.08710	-.00003
Stddev	.00012	.00017	.00008	.00011	.00009	.00010	.00732	.00005
%RSD	20.453	48.866	1.2613	46.050	8.1394	85.484	8.4013	169.97

#1	-.00049	-.00029	.00653	-.00036	.00102	-.00016	.07907	-.00008
#2	-.00071	-.00021	.00661	-.00018	.00120	-.00019	.09339	-.00005
#3	-.00054	-.00054	.00670	-.00017	.00110	-.00000	.08883	.00003

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	-.00221	.00319	.00012	-.00073	-.00001	.04571	.00052	-.00021
Stddev	.00011	.00049	.00008	.00022	.00026	.00556	.00002	.00067
%RSD	4.8825	15.245	70.400	30.983	5093.2	12.174	2.9470	316.35

#1	-.00209	.00266	.00003	-.00064	-.00016	.04441	.00053	.00055
#2	-.00225	.00328	.00013	-.00098	.00030	.05181	.00053	-.00070
#3	-.00229	.00362	.00019	-.00056	-.00016	.04091	.00050	-.00049

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	-.00778	.00038	.11103	.00016	.23153	-.05711	.00107	-.00023
Stddev	.00013	.00002	.01113	.00010	.01280	.00377	.00010	.00015
%RSD	1.7324	5.8202	10.024	64.411	5.5272	6.6042	9.2187	66.803

#1	-.00777	.00036	.09828	.00027	.21920	-.05655	.00108	-.00020
#2	-.00792	.00041	.11882	.00008	.24474	-.05366	.00096	-.00009
#3	-.00765	.00038	.11598	.00011	.23064	-.06114	.00116	-.00039

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	.00121	.01941	.00056	.00301	.02885	-.0020	-.00661	9128.5
Stddev	.00008	.00375	.00011	.00041	.00599	.0001	.00050	85.0
%RSD	6.4391	19.291	20.099	13.678	20.761	2.839	7.5184	.93157

#1	.00112	.01517	.00069	.00340	.02463	-.0020	-.00668	9115.0
#2	.00127	.02226	.00052	.00306	.03571	-.0021	-.00706	9051.0
#3	.00123	.02081	.00047	.00258	.02622	-.0021	-.00608	9219.5

Sample Name: S0 Acquired: 1/22/2019 11:23:05 Type: Cal
 Method: P4-ICP2(v2757) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-128.99
Stddev	13.40
%RSD	10.391

#1	-132.35
#2	-140.39
#3	-114.23

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.2	53713.	3617.1	113.93	4636.2
Stddev	6.2	203.	304.8	8.91	7.5
%RSD	.15096	.37707	8.4265	7.8176	.16073

#1	4087.5	53496.	3968.9	124.21	4638.1
#2	4079.5	53748.	3448.7	108.41	4628.0
#3	4091.6	53896.	3433.6	109.18	4642.6

Sample Name: S1 Acquired: 1/22/2019 11:27:32 Type: Cal
Method: P4-ICP2(v2757) 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	.00034	.00500	.00959	.00084	.00717	.00045	.59482	.00542
Stddev	.00004	.00010	.00019	.00011	.00023	.00002	.04910	.00001
%RSD	13.319	2.0695	1.9981	13.448	3.2106	5.4243	8.2547	.13916

#1	.00037	.00488	.00974	.00072	.00739	.00047	.53843	.00541
#2	.00036	.00507	.00938	.00089	.00693	.00045	.61797	.00542
#3	.00028	.00504	.00967	.00093	.00717	.00042	.62807	.00542

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	.01359	.00208	.02813	.01280	.14511	.02645	.01589	.00234
Stddev	.00008	.00005	.00021	.00024	.03027	.00012	.00018	.00002
%RSD	.55400	2.2927	.76424	1.8873	20.859	.46412	1.1218	.75203

#1	.01357	.00211	.02796	.01308	.11351	.02657	.01608	.00232
#2	.01367	.00202	.02807	.01265	.14796	.02633	.01584	.00236
#3	.01352	.00211	.02837	.01267	.17384	.02646	.01574	.00234

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	.00908	3.5335	.13242	.00304	.00150	.26867	.00651	.01383
Stddev	.00007	.1456	.00009	.00023	.00011	.01765	.00014	.00090
%RSD	.78845	4.1195	.06789	7.5770	7.5984	6.5700	2.1824	6.4789

#1	.00907	3.3702	.13249	.00285	.00157	.24830	.00649	.01281
#2	.00901	3.6496	.13245	.00329	.00137	.27824	.00667	.01449
#3	.00915	3.5807	.13232	.00297	.00157	.27946	.00638	.01417

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06373	-.0007	.17282	8654.4	-139.94
Stddev	.00941	.0001	.01536	92.4	2.04
%RSD	14.773	12.13	8.8868	1.0676	1.4604

#1	.05312	-.0006	.15508	8593.4	-138.53
#2	.06695	-.0007	.18146	8609.1	-139.01
#3	.07110	-.0007	.18190	8760.7	-142.29

Sample Name: S1 Acquired: 1/22/2019 11:27:32 Type: Cal
 Method: P4-ICP2(v2757) 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	4045.8	52656.	3616.3	111.44	4563.5
Stddev	6.7	305.	216.1	5.23	3.5
%RSD	.16598	.57859	5.9753	4.6920	.07674
#1	4053.4	52341.	3864.9	117.32	4566.8
#2	4041.0	52677.	3510.5	107.29	4563.7
#3	4042.9	52949.	3473.5	109.73	4559.8

Sample Name: S2 Acquired: 1/22/2019 11:32:37 Type: Cal
Method: P4-ICP2(v2757) 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	.08648	.02003	.68361	.10756
Stddev	.00055	.00089	.01130	.00396
%RSD	.63968	4.4375	1.6528	3.6824

#1	.08591	.02067	.67084	.10319
#2	.08702	.02041	.68767	.11092
#3	.08652	.01901	.69231	.10858

Int. Std.	Y_3710
Units	Cts/S
Avg	3465.4
Stddev	15.8
%RSD	.45478

#1	3477.3
#2	3447.5
#3	3471.3

Sample Name: S3 Acquired: 1/22/2019 11:36:53 Type: Cal
Method: P4-ICP2(v2757) 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	.11073	.29949	.64738	.12900	.28301	.02566	23.382	.11049
Stddev	.00066	.00073	.00095	.00028	.00035	.00047	1.242	.00011
%RSD	.59469	.24417	.14715	.21565	.12274	1.8509	5.3119	.09630
#1	.11016	.29865	.64770	.12889	.28318	.02513	21.953	.11044
#2	.11145	.29995	.64631	.12932	.28324	.02605	23.996	.11043
#3	.11059	.29988	.64813	.12880	.28261	.02581	24.197	.11062
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2309	.49918	.09080	1.0856	.36853	2.7886	1.4599	.10935
Stddev	.0058	.02926	.00029	.0013	.00017	.1747	.0030	.00671
%RSD	.18059	5.8614	.31804	.12311	.04563	6.2646	.20369	6.1404
#1	3.2372	.46544	.09112	1.0870	.36870	2.5890	1.4630	.10163
#2	3.2258	.51451	.09071	1.0843	.36837	2.9135	1.4597	.11261
#3	3.2297	.51759	.09056	1.0856	.36851	2.8633	1.4570	.11381
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	.66163	.11106	3.5664	.25090	97.269	.97799	1.5747	.07991
Stddev	.00057	.00035	.1887	.00042	3.565	.05475	.0017	.00483
%RSD	.08657	.31704	5.2915	.16605	3.6657	5.5981	.10579	6.0405
#1	.66221	.11102	3.3491	.25124	93.505	.91479	1.5766	.07434
#2	.66107	.11073	3.6620	.25102	100.60	1.0084	1.5741	.08256
#3	.66161	.11143	3.6883	.25043	97.706	1.0108	1.5735	.08284
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	.08970	1.3878	.35835	.64158	4.3758	.1836	22.258	7620.7
Stddev	.00013	.0553	.00051	.03758	.2299	.0007	1.211	44.8
%RSD	.14515	3.9823	.14309	5.8579	5.2534	.3794	5.4419	.58843
#1	.08963	1.3265	.35865	.59821	4.1113	.1844	20.862	7569.3
#2	.08962	1.4032	.35776	.66199	4.4885	.1832	22.875	7651.8
#3	.08985	1.4337	.35864	.66454	4.5276	.1831	23.035	7641.0

Sample Name: S3 Acquired: 1/22/2019 11:36:53 Type: Cal
Method: P4-ICP2(v2757) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-156.79
Stddev	2.16
%RSD	1.3790

#1	-159.25
#2	-155.17
#3	-155.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3898.0	49921.	3613.0	103.98	4208.1
Stddev	8.4	106.	132.6	3.95	5.4
%RSD	.21670	.21178	3.6706	3.7964	.12881

#1	3901.7	49799.	3765.0	108.18	4205.2
#2	3888.3	49983.	3552.6	100.34	4204.8
#3	3903.9	49981.	3521.2	103.44	4214.4

Sample Name: S4 Acquired: 1/22/2019 11:40:55 Type: Cal
Method: P4-ICP2(v2757) 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	.19573	.58435	1.1408	.22618	.48985	.04510	44.253	.19411
Stddev	.00048	.00091	.0023	.00013	.00107	.00139	3.356	.00031
%RSD	.24514	.15558	.20381	.05615	.21772	3.0906	7.5833	.16123
#1	.19525	.58466	1.1381	.22603	.48862	.04352	40.410	.19445
#2	.19575	.58333	1.1421	.22625	.49053	.04565	45.743	.19406
#3	.19621	.58507	1.1421	.22626	.49039	.04614	46.605	.19383
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	5.7432	.92521	.15850	1.9204	.63363	4.7698	2.5239	.23278
Stddev	.0028	.07860	.00032	.0037	.00099	.4140	.0012	.01962
%RSD	.04870	8.4955	.20332	.19387	.15643	8.6797	.04850	8.4293
#1	5.7413	.83475	.15816	1.9162	.63251	4.2923	2.5245	.21029
#2	5.7418	.96400	.15881	1.9219	.63439	5.0273	2.5248	.24162
#3	5.7464	.97687	.15854	1.9232	.63400	4.9900	2.5225	.24642
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	1.3182	.19405	7.4113	.43829	163.24	1.9462	2.7125	.13927
Stddev	.0014	.00036	.5742	.00100	9.61	.1498	.0029	.01206
%RSD	.10716	.18545	7.7475	.22716	5.8845	7.6947	.10875	8.6596
#1	1.3171	.19439	6.7517	.43909	152.33	1.7752	2.7106	.12562
#2	1.3198	.19367	7.6830	.43718	170.45	2.0098	2.7110	.14375
#3	1.3176	.19407	7.7992	.43861	166.93	2.0537	2.7159	.14846
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	.15954	2.1599	.62205	1.0844	7.5118	.3337	37.864	7289.1
Stddev	.00031	.1205	.00123	.0909	.5850	.0005	2.948	35.3
%RSD	.19317	5.5803	.19710	8.3857	7.7878	.1516	7.7846	.48471
#1	.15989	2.0216	.62067	.98074	6.8403	.3342	34.483	7254.8
#2	.15931	2.2156	.62303	1.1216	7.7841	.3332	39.216	7325.4
#3	.15942	2.2425	.62244	1.1508	7.9110	.3336	39.893	7287.3

Sample Name: S4 Acquired: 1/22/2019 11:40:55 Type: Cal
Method: P4-ICP2(v2757) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-165.43
Stddev	2.75
%RSD	1.6634

#1	-165.03
#2	-168.36
#3	-162.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.4	48684.	3657.9	103.60	4039.3
Stddev	8.1	79.	191.3	6.07	9.1
%RSD	.21134	.16183	5.2300	5.8623	.22612

#1	3825.5	48593.	3878.5	110.53	4033.0
#2	3838.7	48724.	3558.2	99.219	4049.8
#3	3823.9	48735.	3537.1	101.05	4035.1

Sample Name: S5 Acquired: 1/22/2019 11:44:56 Type: Cal
Method: P4-ICP2(v2757) 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	.43384	1.1467	2.5292	.49708	1.0790	.10219	85.716	.42132
Stddev	.00101	.0024	.0030	.00177	.0030	.00121	4.110	.00057
%RSD	.23329	.20746	.12009	.35513	.28076	1.1884	4.7953	.13525
#1	.43300	1.1445	2.5258	.49528	1.0755	.10081	81.212	.42081
#2	.43355	1.1464	2.5299	.49716	1.0808	.10312	86.670	.42120
#3	.43497	1.1492	2.5318	.49881	1.0808	.10263	89.265	.42194
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	12.788	1.8327	.34528	4.3111	1.3657	10.812	5.4596	.41016
Stddev	.023	.0605	.00072	.0034	.0032	.333	.0067	.01641
%RSD	.18004	3.2989	.20822	.07862	.23089	3.0798	.12307	4.0014
#1	12.769	1.7650	.34591	4.3072	1.3640	10.427	5.4525	.39227
#2	12.781	1.8517	.34543	4.3128	1.3638	11.006	5.4606	.41369
#3	12.814	1.8814	.34449	4.3133	1.3694	11.002	5.4658	.42452
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	2.5712	.42855	13.050	.95462	359.64	3.8302	5.8811	.30364
Stddev	.0026	.00099	.408	.00074	8.76	.1217	.0152	.00967
%RSD	.10145	.23028	3.1251	.07719	2.4367	3.1774	.25821	3.1853
#1	2.5683	.42859	12.600	.95401	349.54	3.6936	5.8712	.29288
#2	2.5720	.42755	13.153	.95442	364.19	3.8696	5.8735	.30642
#3	2.5733	.42952	13.396	.95544	365.19	3.9273	5.8986	.31162
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	.36257	4.5224	1.3856	2.4258	16.582	.7572	84.646	6814.3
Stddev	.00062	.1147	.0027	.0910	.567	.0021	2.935	19.9
%RSD	.17025	2.5355	.19629	3.7494	3.4199	.2714	3.4675	.29142
#1	.36190	4.3966	1.3825	2.3234	15.944	.7550	81.330	6794.5
#2	.36269	4.5496	1.3875	2.4567	16.772	.7577	85.700	6834.2
#3	.36312	4.6210	1.3868	2.4972	17.029	.7590	86.909	6814.2

Sample Name: S5 Acquired: 1/22/2019 11:44:56 Type: Cal
Method: P4-ICP2(v2757) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-170.00
Stddev	2.61
%RSD	1.5372

#1	-172.75
#2	-169.72
#3	-167.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3694.4	46940.	3598.4	98.505	3786.5
Stddev	3.4	146.	83.0	2.276	3.6
%RSD	.09255	.30999	2.3075	2.3106	.09401

#1	3693.4	46784.	3687.3	101.13	3783.0
#2	3698.2	47073.	3584.8	97.314	3790.2
#3	3691.5	46963.	3522.9	97.072	3786.4

Sample Name: ICV01 Acquired: 1/22/2019 11:58:01 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0407	1.0138	1.0390	1.0457	1.0426	2.6879	.50632	.51156
Stddev	.0027	.0020	.0006	.0075	.0033	.0418	.02544	.00134
%RSD	.26142	.19970	.05825	.71211	.31400	1.5543	5.0251	.26221
#1	1.0411	1.0117	1.0387	1.0436	1.0419	2.6414	.47751	.51116
#2	1.0378	1.0158	1.0397	1.0396	1.0396	2.7001	.51574	.51046
#3	1.0432	1.0139	1.0387	1.0540	1.0461	2.7222	.52571	.51306
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50191	10.159	.53589	.52303	.53978	5.2310	.53960	5.8070
Stddev	.00039	.529	.00181	.00064	.00089	.2746	.00160	.3611
%RSD	.07696	5.2039	.33852	.12164	.16545	5.2489	.29621	6.2180
#1	.50235	9.5492	.53390	.52373	.54041	4.9244	.53903	5.3914
#2	.50169	10.437	.53744	.52248	.53876	5.4543	.53837	5.9869
#3	.50168	10.490	.53635	.52287	.54017	5.3142	.54141	6.0429
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49833	.50809	9.2075	.51574	1.0330	9.8434	2.7493	2.7059
Stddev	.00132	.00076	.4849	.00139	.0424	.4820	.0011	.1411
%RSD	.26530	.14963	5.2659	.26928	4.1072	4.8967	.04053	5.2149
#1	.49933	.50817	8.6530	.51439	.99004	9.3058	2.7500	2.5432
#2	.49883	.50730	9.4178	.51716	1.0749	9.9876	2.7480	2.7946
#3	.49683	.50881	9.5516	.51567	1.0341	10.237	2.7499	2.7799
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7309	2.5654	2.7348	F 2.8124	F 2.8997	F 2.772	F 2.7800	F 3.0775
Stddev	.0121	.0955	.0022	.1569	.1439	.006	.1391	.0459
%RSD	.44491	3.7209	.08012	5.5803	4.9607	.2119	5.0020	1.4915
#1	2.7417	2.4560	2.7368	2.6314	2.7357	2.776	2.6196	3.1209
#2	2.7334	2.6087	2.7352	2.8949	2.9588	2.774	2.8531	3.0822
#3	2.7177	2.6317	2.7325	2.9108	3.0046	2.765	2.8672	3.0295

Sample Name: ICV01 Acquired: 1/22/2019 11:58:01 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6719
Stddev	.3833
%RSD	14.347

#1	2.9216
#2	2.2306
#3	2.8637

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.3	48418.	3750.8	105.73	4185.7
Stddev	10.5	60.	136.9	4.16	14.2
%RSD	.27521	.12315	3.6512	3.9325	.34020

#1	3798.2	48362.	3908.4	109.96	4170.8
#2	3815.3	48411.	3683.0	101.65	4187.0
#3	3817.3	48481.	3661.0	105.58	4199.2

Sample Name: LLICV01 Acquired: 1/22/2019 12:03:05 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01764	.04307	.01389	.01796	.05691	.11072	.10650	.00639
Stddev	.00156	.00107	.00054	.00192	.00192	.01826	.00056	.00008
%RSD	8.8404	2.4774	3.8607	10.686	3.3803	16.495	.52290	1.1762
#1	.01925	.04357	.01408	.01945	.05641	.12465	.10596	.00645
#2	.01752	.04379	.01328	.01580	.05904	.11747	.10646	.00643
#3	.01614	.04184	.01430	.01864	.05529	.09004	.10707	.00631
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	2.0936	.01152	.03311	.02153	.09927	.02283	2.0059
Stddev	.00006	.0329	.00021	.00047	.00055	.00384	.00015	.0394
%RSD	1.0273	1.5693	1.8658	1.4267	2.5379	3.8726	.67226	1.9629
#1	.00583	2.1307	.01170	.03289	.02159	.09505	.02292	1.9641
#2	.00588	2.0682	.01128	.03279	.02204	.10020	.02265	2.0112
#3	.00595	2.0819	.01157	.03365	.02096	.10257	.02291	2.0423
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04132	.00887	1.7440	.04377	.04479	1.8912	.20593	.11281
Stddev	.00033	.00035	.0310	.00006	.00028	.0194	.00024	.01038
%RSD	.80451	3.9511	1.7795	.13997	.62352	1.0237	.11569	9.1978
#1	.04170	.00846	1.7643	.04371	.04481	1.8894	.20620	.11676
#2	.04106	.00903	1.7083	.04378	.04450	1.9115	.20575	.10104
#3	.04122	.00910	1.7594	.04383	.04505	1.8729	.20584	.12062
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00040	.47192	.04444	.04248	.01669	F .0147	.02146	F 3.0929
Stddev	.00401	.00013	.00093	.00168	.00148	.0014	.00005	.1021
%RSD	995.62	.02695	2.0991	3.9584	8.8672	9.827	.21355	3.3012
#1	.00418	.47177	.04536	.04076	.01580	.0156	.02150	3.0798
#2	.00084	.47200	.04349	.04412	.01586	.0153	.02141	3.2010
#3	-.00381	.47199	.04447	.04256	.01839	.0130	.02147	2.9980

Sample Name: LLICV01 Acquired: 1/22/2019 12:03:05 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2953
Stddev	.2320
%RSD	7.0398

#1	3.5576
#2	3.2109
#3	3.1173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3819.1	48529.	3633.2	102.89	4353.3
Stddev	4.0	60.	40.3	.12	8.8
%RSD	.10460	.12335	1.1083	.11765	.20247

#1	3817.7	48508.	3588.2	102.88	4345.6
#2	3816.0	48482.	3665.7	103.02	4362.9
#3	3823.6	48597.	3645.7	102.78	4351.4

Sample Name: ICB01 Acquired: 1/22/2019 12:12:18 Type: Unk
Method: P4-ICP2(v2757) 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	-.00117	.00109	-.00046	-.00193	-.00291	.00407	.00097
Stddev	.00283	.00203	.00173	.00435	.00063	.01231	.00189
%RSD	242.61	185.03	377.01	225.05	21.729	302.63	195.07

#1	-.00021	.00228	.00153	-.00629	-.00323	.01022	-.00120
#2	.00106	.00225	-.00160	.00241	-.00218	.01209	.00224
#3	-.00436	-.00124	-.00130	-.00191	-.00331	-.01011	.00187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00001	-.00247	.00013	-.00011	.00043	-.00945
Stddev	.00006	.00009	.02194	.00023	.00014	.00075	.00859
%RSD	26490.	1593.7	889.58	169.43	123.97	173.21	90.855

#1	-.00007	-.00007	-.01381	.00012	-.00012	.00100	.00046
#2	.00004	-.00002	.02282	-.00009	-.00024	-.00042	-.01409
#3	.00004	.00011	-.01641	.00036	.00003	.00072	-.01473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.03164	-.00006	.00036	-.24139	.00042	-.00095
Stddev	.00006	.03636	.00025	.00044	.01150	.00021	.00006
%RSD	61.859	114.91	425.63	122.11	4.7648	49.500	6.0685

#1	-.00015	.00954	-.00002	.00056	-.25124	.00066	-.00102
#2	-.00004	.07360	-.00033	-.00014	-.22875	.00026	-.00092
#3	-.00007	.01177	.00017	.00066	-.24418	.00035	-.00092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07390	.00011	-.00573	F -.01861	.00339	.00047	.00069
Stddev	.04797	.00027	.00818	.00268	.00402	.00102	.00013
%RSD	64.906	251.30	142.75	14.387	118.34	218.15	18.644

#1	-.02558	.00005	-.01132	-.01906	.00079	.00163	.00054
#2	-.12151	.00040	.00366	-.01574	.00137	-.00031	.00075
#3	-.07461	-.00013	-.00951	-.02104	.00802	.00009	.00078

Sample Name: ICB01 Acquired: 1/22/2019 12:12:18 Type: Unk
Method: P4-ICP2(v2757) 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	-.00187	-.0039	.00013	F 3.2398	F 2.5738
Stddev	.00133	.0018	.00009	.1085	.8336
%RSD	70.956	46.69	66.220	3.3489	32.387
#1	-.00339	-.0034	.00017	3.2446	3.4483
#2	-.00091	-.0059	.00019	3.1289	1.7883
#3	-.00132	-.0023	.00003	3.3458	2.4846
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.0	48745.	3763.3	105.11	4382.3
Stddev	11.6	188.	110.1	4.72	6.3
%RSD	.30207	.38497	2.9252	4.4880	.14387
#1	3815.7	48715.	3890.3	110.26	4379.7
#2	3835.7	48946.	3703.5	101.00	4377.7
#3	3835.7	48574.	3696.0	104.06	4389.5

Sample Name: CRI01 Acquired: 1/22/2019 12:16:47 Type: Unk
Method: P4-ICP2(v2757) 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	.02086	.04708	.01441	.02051	.05889	.11287	.11220
Stddev	.00200	.00104	.00113	.00062	.00168	.03163	.00454
%RSD	9.6101	2.2051	7.8569	3.0421	2.8544	28.024	4.0481

#1	.01864	.04821	.01567	.01986	.06080	.14715	.10702
#2	.02254	.04687	.01407	.02057	.05824	.08482	.11406
#3	.02140	.04616	.01348	.02111	.05763	.10664	.11551

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00699	.00642	2.2170	.01270	.03650	.02414	.11580
Stddev	.00007	.00005	.0960	.00013	.00021	.00032	.01407
%RSD	.97696	.83371	4.3290	1.0436	.58434	1.3361	12.154

#1	.00705	.00642	2.1062	.01255	.03648	.02378	.12144
#2	.00700	.00648	2.2740	.01282	.03672	.02423	.09978
#3	.00691	.00637	2.2708	.01272	.03629	.02441	.12618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02519	2.1814	.04504	.00972	1.8189	.04883	.04916
Stddev	.00012	.0497	.00042	.00048	.0821	.00026	.00200
%RSD	.47428	2.2772	.93811	4.9684	4.5158	.53451	4.0717

#1	.02513	2.1241	.04506	.00969	1.7245	.04901	.04689
#2	.02533	2.2081	.04545	.00925	1.8582	.04853	.04989
#3	.02511	2.2121	.04461	.01021	1.8741	.04896	.05069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0378	.22507	.11757	F -.00386	.50290	.04658	.04854
Stddev	.0595	.00070	.01839	.00212	.01312	.00069	.00070
%RSD	2.9179	.31323	15.644	54.818	2.6080	1.4731	1.4387

#1	2.0040	.22426	.10715	-.00269	.48878	.04725	.04777
#2	2.1064	.22556	.13881	-.00631	.50519	.04662	.04913
#3	2.0029	.22539	.10675	-.00259	.51471	.04588	.04873

Sample Name: CRI01 Acquired: 1/22/2019 12:16:47 Type: Unk
Method: P4-ICP2(v2757) 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	.01621	.0166	.02285	F 3.3940	F 3.2556
Stddev	.00167	.0005	.00071	.0512	.3194
%RSD	10.276	3.032	3.1172	1.5079	9.8094
#1	.01473	.0171	.02203	3.4354	3.0108
#2	.01588	.0167	.02319	3.4099	3.1392
#3	.01801	.0161	.02333	3.3368	3.6169
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3804.0	48096.	3753.6	102.70	4331.7
Stddev	7.0	66.	83.3	3.77	2.8
%RSD	.18293	.13621	2.2200	3.6694	.06482
#1	3802.7	48130.	3846.8	106.85	4328.5
#2	3811.5	48021.	3728.0	101.76	4332.8
#3	3797.8	48137.	3686.1	99.492	4333.8

Sample Name: ICSA01 Acquired: 1/22/2019 12:32:13 Type: Unk
 Method: P4-ICP2(v2757) 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	-.00006	-.00123	-.00027	-.01514	-.00285	302.90	.00664	-.00209
Stddev	.00214	.00282	.00536	.00718	.00168	6.68	.00080	.00011
%RSD	3546.1	229.59	2013.3	47.426	58.998	2.2069	12.013	5.2035

#1	-.00132	-.00411	.00590	-.02289	-.00236	295.60	.00588	-.00217
#2	.00242	.00153	-.00383	-.01382	-.00473	304.40	.00655	-.00196
#3	-.00128	-.00111	-.00287	-.00871	-.00148	308.71	.00747	-.00212

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00575	252.72	.06112	-.00065	-.00212	112.82	.01612	237.84
Stddev	.00010	13.11	.00061	.00016	.00076	6.41	.00012	11.55
%RSD	1.7300	5.1870	1.0019	24.893	35.841	5.6800	.76819	4.8549

#1	.00581	237.82	.06052	-.00062	-.00150	105.43	.01600	224.69
#2	.00563	257.86	.06110	-.00083	-.00189	116.86	.01625	242.53
#3	.00580	262.47	.06174	-.00051	-.00296	116.16	.01610	246.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01924	-.00906	-.16803	-.00020	-.00110	-.00747	.00155	.06871
Stddev	.00077	.00168	.03109	.00050	.00022	.02630	.00010	.01105
%RSD	3.9876	18.551	18.505	253.19	19.919	352.21	6.4084	16.084

#1	-.02008	-.01099	-.18461	.00027	-.00088	.01205	.00153	.07030
#2	-.01858	-.00829	-.18732	-.00013	-.00110	-.03738	.00147	.07887
#3	-.01905	-.00791	-.13216	-.00073	-.00131	.00293	.00166	.05694

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00569	.00367	-.00462	.00750	.0145	-.01447	4.9398
Stddev	.00343	.00401	.00032	.00218	.00072	.0013	.00204	.0344
%RSD	3397.1	70.515	8.6923	47.132	9.5708	8.768	14.121	.69636

#1	.00338	.00221	.00392	-.00232	.00686	.0144	-.01235	4.9078
#2	-.00348	.00479	.00378	-.00665	.00827	.0132	-.01642	4.9356
#3	-.00020	.01008	.00331	-.00490	.00736	.0157	-.01464	4.9762

Sample Name: ICSA01 Acquired: 1/22/2019 12:32:13 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.5432
%RSD	2.6484

#1	-56.589
#2	-59.622
#3	-58.602

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.1	41611.	3629.4	93.039	3462.2
Stddev	15.1	82.	115.6	3.491	.8
%RSD	.44706	.19684	3.1858	3.7526	.02437

#1	3356.7	41676.	3762.5	96.920	3461.3
#2	3385.2	41639.	3571.8	90.153	3462.2
#3	3362.6	41519.	3554.0	92.045	3463.0

Sample Name: ICSAB01 Acquired: 1/22/2019 12:36:40 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11435	.10061	.04590	.04776	.69907	231.44	.54892	.53052
Stddev	.00513	.00101	.00019	.00239	.00543	.78	.00430	.00098
%RSD	4.4889	1.0067	.40382	4.9988	.77744	.33531	.78414	.18384
#1	.11012	.09951	.04575	.04976	.70406	230.55	.55373	.52944
#2	.11288	.10082	.04611	.04512	.69328	231.91	.54545	.53135
#3	.12006	.10150	.04584	.04841	.69987	231.87	.54756	.53075
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1064	259.55	.64564	.56744	.55294	116.48	.59876	241.83
Stddev	.0021	1.34	.00255	.00097	.00066	.48	.00045	1.19
%RSD	.18647	.51665	.39495	.17057	.12010	.40946	.07547	.49069
#1	1.1055	260.71	.64422	.56651	.55340	116.94	.59844	243.05
#2	1.1087	258.08	.64858	.56844	.55218	116.52	.59928	241.75
#3	1.1048	259.86	.64411	.56737	.55324	115.98	.59857	240.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0222	.23536	-.18257	.55785	1.1319	-.06751	1.1774	F 1.2181
Stddev	.0011	.00039	.00839	.00160	.0154	.00829	.0029	.0135
%RSD	.10368	.16420	4.5946	.28632	1.3572	12.278	.25064	1.1105
#1	1.0213	.23574	-.19224	.55699	1.1464	-.07707	1.1802	1.2307
#2	1.0221	.23538	-.17813	.55969	1.1336	-.06304	1.1743	1.2197
#3	1.0234	.23497	-.17732	.55687	1.1158	-.06241	1.1775	1.2038
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0848	1.0449	F 1.2221	F 1.2450	1.1122	1.098	1.0160	5.1507
Stddev	.0053	.0063	.0018	.0036	.0050	.002	.0068	.0699
%RSD	.48892	.60004	.14405	.28963	.44883	.1702	.66818	1.3571
#1	1.0892	1.0503	1.2200	1.2472	1.1142	1.097	1.0218	5.1356
#2	1.0789	1.0462	1.2233	1.2468	1.1065	1.097	1.0085	5.2270
#3	1.0864	1.0380	1.2229	1.2408	1.1158	1.100	1.0176	5.0896

Sample Name: ICSAB01 Acquired: 1/22/2019 12:36:40 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.26664
%RSD	.45347

#1	-58.581
#2	-59.098
#3	-58.724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.0	41575.	3580.7	91.123	3465.3
Stddev	7.2	148.	36.6	1.288	7.8
%RSD	.21467	.35521	1.0209	1.4135	.22653

#1	3366.9	41544.	3539.3	89.920	3465.1
#2	3366.7	41446.	3594.2	90.967	3457.6
#3	3379.3	41736.	3608.5	92.482	3473.3

Sample Name: CCV01 Acquired: 1/22/2019 12:50:18 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0666	5.2671	5.1120	5.0962	5.0791	10.656	10.471	.25491	2.4426
Stddev	.0177	.0089	.0161	.0185	.0128	.056	.058	.00069	.0034
%RSD	.34884	.16973	.31543	.36210	.25261	.52445	.55072	.27066	.13924
#1	5.0603	5.2569	5.1101	5.0900	5.0865	10.598	10.405	.25542	2.4422
#2	5.0865	5.2730	5.1290	5.1169	5.0864	10.661	10.499	.25519	2.4462
#3	5.0529	5.2715	5.0969	5.0816	5.0643	10.709	10.510	.25413	2.4394
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.053	1.0507	2.5026	1.2474	5.4442	2.5486	26.863	2.6425	1.3709
Stddev	.247	.0057	.0033	.0033	.1368	.0043	.222	.0037	.0087
%RSD	.91413	.54177	.13236	.26323	2.5126	.16688	.82544	.13952	.63427
#1	26.774	1.0552	2.5008	1.2451	5.2952	2.5530	26.663	2.6407	1.3797
#2	27.144	1.0443	2.5064	1.2512	5.5641	2.5483	26.824	2.6467	1.3623
#3	27.243	1.0525	2.5006	1.2461	5.4733	2.5445	27.101	2.6400	1.3707
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	26.854	2.4278	2.5676	26.138	4.8872	4.6748	4.7304	4.6168	4.9589
Stddev	.138	.0025	.0493	.140	.0079	.0444	.0134	.0135	.0029
%RSD	.51519	.10334	1.9198	.53527	.16149	.94887	.28366	.29184	.05750
#1	26.699	2.4278	2.5139	25.999	4.8920	4.6312	4.7156	4.6080	4.9583
#2	26.897	2.4303	2.6108	26.279	4.8915	4.6735	4.7341	4.6101	4.9563
#3	26.966	2.4252	2.5780	26.136	4.8781	4.7199	4.7416	4.6323	4.9620
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0718	4.7871	4.911	5.1170	5.2023	5.1658			
Stddev	.0511	.0277	.010	.0234	.0993	.3268			
%RSD	1.0067	.57831	.2051	.45750	1.9091	6.3271			
#1	5.0129	4.7552	4.901	5.0901	5.3050	4.8006			
#2	5.0992	4.8007	4.921	5.1283	5.1067	5.2659			
#3	5.1032	4.8053	4.910	5.1327	5.1951	5.4310			

Sample Name: CCV01 Acquired: 1/22/2019 12:50:18 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 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	3401.5	42304.	3491.0	90.160	3627.3
Stddev	10.0	222.	6.4	1.678	9.1
%RSD	.29309	.52376	.18253	1.8608	.24996
#1	3395.4	42076.	3498.1	91.981	3624.4
#2	3396.0	42518.	3488.8	88.677	3620.0
#3	3413.0	42319.	3485.9	89.823	3637.4

Sample Name: LLCCV01 Acquired: 1/22/2019 12:54:18 Type: Unk
Method: P4-ICP2(v2757) 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	.01726	.03945	.01015	.01774	.05004	.10766	.09759
Stddev	.00107	.00079	.00081	.00344	.00222	.00491	.00108
%RSD	6.1876	2.0053	8.0238	19.409	4.4268	4.5592	1.1045

#1	.01665	.03949	.01061	.01948	.05258	.10586	.09635
#2	.01849	.04022	.00921	.01378	.04854	.10390	.09808
#3	.01664	.03864	.01064	.01997	.04900	.11321	.09833

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00597	.00521	1.9235	.01047	.02981	.01910	.10423
Stddev	.00007	.00007	.0112	.00010	.00069	.00066	.00658
%RSD	1.2149	1.3489	.57973	.92992	2.3276	3.4426	6.3098

#1	.00604	.00529	1.9133	.01047	.03042	.01983	.11128
#2	.00589	.00518	1.9354	.01057	.02995	.01891	.09826
#3	.00598	.00516	1.9217	.01038	.02905	.01856	.10314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02148	1.7929	.03597	.00855	1.6253	.04100	.04069
Stddev	.00010	.0714	.00141	.00054	.0240	.00011	.00110
%RSD	.45093	3.9809	3.9285	6.3702	1.4764	.26760	2.7097

#1	.02140	1.7999	.03748	.00807	1.6038	.04088	.04155
#2	.02145	1.8606	.03577	.00914	1.6208	.04110	.04108
#3	.02159	1.7184	.03467	.00844	1.6512	.04103	.03945

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6363	.18429	.09547	F -.00653	.42478	.03966	.04308
Stddev	.0115	.00484	.00445	.00241	.00256	.00165	.00115
%RSD	.70485	2.6265	4.6585	36.918	.60343	4.1569	2.6768

#1	1.6303	.18947	.09655	-.00722	.42449	.04098	.04238
#2	1.6290	.18351	.09928	-.00385	.42238	.04019	.04245
#3	1.6496	.17988	.09058	-.00852	.42748	.03781	.04441

Sample Name: LLCCV01 Acquired: 1/22/2019 12:54:18 Type: Unk
 Method: P4-ICP2(v2757) 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	F .01542	F .0128	.02012	F 4.5578	F 4.0520
Stddev	.00316	.0015	.00017	.1374	.9270
%RSD	20.484	11.75	.85432	3.0156	22.877
#1	.01537	.0118	.01995	4.5668	2.9816
#2	.01860	.0145	.02030	4.6905	4.5958
#3	.01229	.0120	.02012	4.4160	4.5785
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.2	44255.	3498.5	94.908	4013.8
Stddev	6.9	125.	13.3	.742	11.9
%RSD	.19682	.28164	.38062	.78175	.29654
#1	3504.7	44272.	3500.5	95.067	4001.2
#2	3510.5	44123.	3510.7	94.100	4024.9
#3	3518.5	44370.	3484.3	95.558	4015.3

Sample Name: PB116521TB Acquired: 1/22/2019 13:25:54 Type: Unk
Method: P4-ICP2(v2757) 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	-.00688	-.00390	.00361	-.00022	.00055	-.00215	.00191
Stddev	.00263	.00103	.00071	.00130	.00229	.00344	.00060
%RSD	38.220	26.300	19.793	597.53	413.85	159.98	31.353

#1	-.00975	-.00271	.00415	-.00131	-.00187	-.00588	.00166
#2	-.00458	-.00449	.00388	-.00057	.00085	.00089	.00148
#3	-.00632	-.00449	.00280	.00122	.00268	-.00146	.00259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00016	.02235	.00104	-.00057	-.00042	-.00871
Stddev	.00004	.00005	.02632	.00045	.00027	.00076	.00629
%RSD	63.528	33.022	117.72	43.317	48.029	183.77	72.206

#1	-.00005	-.00016	-.00073	.00155	-.00074	-.00001	-.01205
#2	-.00011	-.00011	.01679	.00072	-.00025	.00006	-.00146
#3	-.00003	-.00021	.05101	.00084	-.00071	-.00130	-.01262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00708	.00139	.00461	F 315.40	.00079	.00002
Stddev	.00009	.03008	.00029	.00083	3.57	.00012	.00005
%RSD	499.10	425.03	20.724	18.018	1.1334	15.119	277.35

#1	.00012	.02180	.00125	.00527	313.70	.00074	.00001
#2	-.00007	.02696	.00172	.00487	312.99	.00070	.00007
#3	.00002	-.02753	.00120	.00368	319.51	.00093	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15011	.00063	.01340	F -.02274	.01604	-.00030	.00032
Stddev	.02552	.00002	.00972	.00505	.00194	.00079	.00182
%RSD	17.000	3.3231	72.512	22.223	12.109	260.73	567.61

#1	-.12678	.00065	.02408	-.01791	.01775	.00061	.00142
#2	-.17737	.00061	.01107	-.02799	.01644	-.00074	-.00178
#3	-.14619	.00063	.00506	-.02233	.01393	-.00077	.00132

Sample Name: PB116521TB Acquired: 1/22/2019 13:25:54 Type: Unk
Method: P4-ICP2(v2757) 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	.00095	-.0038	.00021	5.5700	5.7777
Stddev	.00114	.0004	.00014	.0495	.8683
%RSD	120.69	10.69	69.535	.88944	15.028
#1	.00181	-.0038	.00010	5.5351	5.0102
#2	-.00035	-.0041	.00016	5.6267	5.6028
#3	.00137	-.0033	.00037	5.5482	6.7202
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.2	40658.	3508.3	91.739	3575.2
Stddev	28.7	34.	29.0	.586	29.9
%RSD	.86427	.08411	.82753	.63873	.83748
#1	3308.5	40680.	3500.9	91.258	3564.0
#2	3346.7	40675.	3540.3	91.567	3609.1
#3	3290.6	40618.	3483.7	92.392	3552.5

Sample Name: PB116522BL Acquired: 1/22/2019 13:30:30 Type: Unk
Method: P4-ICP2(v2757) 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	-.00230	-.00023	-.00048	-.00382	-.00105	-.01591	.00289
Stddev	.00375	.00077	.00076	.00377	.00165	.00554	.00115
%RSD	163.52	340.11	158.79	98.716	157.72	34.803	39.903

#1	.00107	.00006	-.00120	-.00042	.00010	-.00972	.00187
#2	-.00161	.00036	.00031	-.00316	-.00294	-.01761	.00414
#3	-.00635	-.00110	-.00053	-.00787	-.00030	-.02040	.00266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00004	-.00191	.00025	-.00039	.00053	.00451
Stddev	.00002	.00007	.00493	.00019	.00034	.00036	.01539
%RSD	115.24	148.30	257.79	78.276	85.461	68.366	341.37

#1	.00004	-.00005	.00320	.00003	-.00072	.00024	.02136
#2	.00002	-.00010	-.00664	.00041	-.00040	.00042	-.00880
#3	-.00000	.00003	-.00230	.00030	-.00005	.00094	.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.01365	-.00009	.00154	-.13461	.00093	-.00092
Stddev	.00005	.04593	.00042	.00046	.02687	.00043	.00013
%RSD	12378.	336.38	476.67	29.798	19.963	46.691	13.703

#1	-.00000	.06453	-.00012	.00120	-.11987	.00124	-.00080
#2	.00006	.00120	-.00049	.00136	-.11834	.00043	-.00105
#3	-.00005	-.02477	.00035	.00206	-.16563	.00111	-.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12501	.00007	.00671	F -.03127	.00898	-.00271	.00150
Stddev	.03722	.00009	.01121	.00109	.00250	.00081	.00290
%RSD	29.776	135.86	167.23	3.4826	27.847	30.092	193.11

#1	-.08294	-.00001	-.00622	-.03252	.00783	-.00364	.00458
#2	-.15365	.00005	.01390	-.03058	.01185	-.00215	.00112
#3	-.13846	.00017	.01244	-.03070	.00726	-.00233	-.00119

Sample Name: PB116522BL Acquired: 1/22/2019 13:30:30 Type: Unk
Method: P4-ICP2(v2757) 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	.00001	-.0042	.00019	F 4.5942	F 4.4840
Stddev	.00078	.0005	.00010	.0924	.1896
%RSD	12814.	12.90	56.402	2.0118	4.2281
#1	-.00022	-.0038	.00010	4.5000	4.3667
#2	-.00064	-.0048	.00030	4.6847	4.7027
#3	.00087	-.0041	.00016	4.5978	4.3826
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.3	44776.	3607.8	94.253	4062.9
Stddev	15.0	130.	28.4	1.561	12.9
%RSD	.42575	.29098	.78690	1.6563	.31647
#1	3503.0	44922.	3619.9	94.083	4048.4
#2	3529.1	44673.	3628.2	95.892	4073.0
#3	3528.9	44733.	3575.4	92.783	4067.2

Sample Name: PB116522TB Acquired: 1/22/2019 13:39:30 Type: Unk
Method: P4-ICP2(v2757) 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	-.00622	-.00571	.00267	.00135	-.00056	.02411	.00137
Stddev	.00398	.00097	.00130	.00096	.00151	.01179	.00108
%RSD	63.976	17.015	48.707	71.300	269.11	48.878	79.026

#1	-.01030	-.00466	.00373	.00103	-.00035	.02782	.00178
#2	-.00600	-.00657	.00122	.00059	.00083	.01092	.00014
#3	-.00235	-.00591	.00307	.00243	-.00217	.03360	.00219

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00018	.01044	.00084	-.00031	-.00024	-.00148
Stddev	.00014	.00009	.00763	.00039	.00009	.00030	.01221
%RSD	141.35	47.022	73.102	45.871	27.683	125.55	826.53

#1	-.00024	-.00028	.01773	.00079	-.00041	-.00031	-.01547
#2	.00002	-.00015	.00251	.00125	-.00026	-.00049	.00411
#3	-.00006	-.00012	.01109	.00048	-.00026	.00009	.00694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.02527	.00170	.00500	F 313.72	.00070	-.00008
Stddev	.00013	.04334	.00011	.00031	2.30	.00017	.00012
%RSD	144.77	171.48	6.6179	6.2541	.73168	24.098	158.23

#1	.00004	.07496	.00158	.00524	312.06	.00087	.00003
#2	.00024	.00560	.00171	.00511	312.76	.00070	-.00020
#3	-.00000	-.00474	.00181	.00464	316.34	.00053	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09057	.00038	.01487	F -.02360	.01289	-.00042	-.00253
Stddev	.00815	.00013	.00021	.00394	.00153	.00042	.00295
%RSD	9.0012	34.097	1.4173	16.684	11.841	100.94	116.27

#1	-.09800	.00023	.01471	-.01907	.01313	.00007	-.00192
#2	-.08185	.00047	.01511	-.02556	.01429	-.00065	.00006
#3	-.09186	.00042	.01480	-.02618	.01126	-.00069	-.00574

Sample Name: PB116522TB Acquired: 1/22/2019 13:39:30 Type: Unk
Method: P4-ICP2(v2757) 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	.00055	-.0047	.00027	5.4271	5.5547
Stddev	.00241	.0022	.00005	.0577	.0339
%RSD	436.08	48.25	18.628	1.0640	.61074
#1	-.00116	-.0034	.00025	5.4472	5.5564
#2	.00330	-.0073	.00023	5.3620	5.5877
#3	-.00049	-.0033	.00033	5.4721	5.5199
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.6	40950.	3537.6	92.394	3574.3
Stddev	13.6	52.	7.6	.953	25.5
%RSD	.41524	.12804	.21611	1.0314	.71412
#1	3270.9	40998.	3530.0	92.617	3550.1
#2	3295.6	40957.	3537.4	93.217	3571.9
#3	3293.3	40894.	3545.3	91.350	3601.0

Sample Name: K1009-02 Acquired: 1/22/2019 13:44:07 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00548	-.00498	.01093	-.00250	-.00384	.11680	.11804	.00011
Stddev	.00142	.00197	.00116	.00365	.00203	.01308	.00084	.00006
%RSD	25.851	39.457	10.646	146.13	52.998	11.201	.70860	52.917

#1	-.00408	-.00640	.01027	-.00491	-.00571	.13074	.11879	.00005
#2	-.00543	-.00274	.01026	.00170	-.00167	.11487	.11819	.00016
#3	-.00691	-.00582	.01228	-.00429	-.00413	.10478	.11714	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	29.054	-.00022	.00571	.00435	.21998	1.0445	3.7156
Stddev	.00006	.049	.00024	.00017	.00005	.01443	.0012	.0469
%RSD	28.389	.16719	108.21	3.0176	1.1905	6.5606	.11587	1.2618

#1	.00017	29.098	-.00049	.00571	.00430	.23603	1.0442	3.7270
#2	.00028	29.063	-.00005	.00589	.00436	.21586	1.0435	3.6641
#3	.00018	29.002	-.00012	.00554	.00440	.20806	1.0458	3.7558

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	.00109	279.77	-.00187	.04011	1.0398	.00048	.02161
Stddev	.00036	.00070	1.68	.00044	.00143	.0108	.00014	.00172
%RSD	29.162	64.004	.59981	23.614	3.5709	1.0357	29.335	7.9586

#1	.00092	.00114	281.15	-.00175	.04167	1.0278	.00062	.02312
#2	.00164	.00175	277.90	-.00149	.03980	1.0429	.00033	.01974
#3	.00119	.00037	280.25	-.00235	.03886	1.0487	.00049	.02199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35185	1.5397	-.00082	.00213	-.00491	.0008	.10251	5.3310
Stddev	.00172	.0044	.00064	.00016	.00046	.0030	.00054	.0694
%RSD	.48755	.28507	78.336	7.7225	9.2884	376.6	.52976	1.3024

#1	.35366	1.5392	-.00142	.00224	-.00542	.0025	.10286	5.3911
#2	.35165	1.5444	-.00091	.00194	-.00475	-.0026	.10189	5.2550
#3	.35024	1.5356	-.00014	.00220	-.00455	.0025	.10280	5.3469

Sample Name: K1009-02 Acquired: 1/22/2019 13:44:07 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8846
Stddev	.6032
%RSD	10.251

#1	5.2103
#2	6.0703
#3	6.3731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.0	41427.	3601.2	92.967	3575.4
Stddev	11.2	38.	7.5	2.570	19.7
%RSD	.33773	.09075	.20761	2.7648	.55087

#1	3321.8	41387.	3600.4	90.075	3597.8
#2	3304.0	41432.	3594.2	93.833	3567.1
#3	3301.2	41462.	3609.1	94.992	3561.1

Sample Name: K1009-02DUP Acquired: 1/22/2019 13:48:42 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00543	-.00550	.01190	-.00099	-.00111	.09037	.11743	.00006
Stddev	.00439	.00011	.00087	.00555	.00313	.01423	.00053	.00001
%RSD	80.800	1.9415	7.2716	562.85	283.09	15.745	.45408	13.114

#1	-.00951	-.00538	.01194	.00248	.00125	.09079	.11708	.00005
#2	-.00079	-.00559	.01275	-.00739	-.00466	.10438	.11805	.00006
#3	-.00598	-.00553	.01102	.00195	.00009	.07593	.11717	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	29.186	.00059	.00563	.00372	.21726	1.0495	3.8027
Stddev	.00010	.139	.00063	.00009	.00087	.00253	.0040	.1039
%RSD	70.393	.47670	106.12	1.5287	23.471	1.1667	.38058	2.7311

#1	.00009	29.029	-.00011	.00559	.00289	.21520	1.0469	3.6908
#2	.00009	29.234	.00110	.00572	.00364	.21649	1.0475	3.8216
#3	.00027	29.295	.00080	.00556	.00463	.22009	1.0541	3.8959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	.00143	277.09	-.00126	.03946	1.0934	.00041	.01452
Stddev	.00084	.00020	2.06	.00031	.00082	.0123	.00014	.00163
%RSD	59.885	13.865	.74345	25.029	2.0781	1.1250	35.020	11.249

#1	.00155	.00161	274.72	-.00105	.03974	1.0997	.00025	.01387
#2	.00050	.00122	278.06	-.00162	.04011	1.1013	.00047	.01331
#3	.00218	.00145	278.48	-.00110	.03854	1.0792	.00052	.01638

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34013	1.5161	-.00120	-.00110	.00757	.0004	.10229	5.5994
Stddev	.00246	.0161	.00067	.00231	.00178	.0013	.00052	.0463
%RSD	.72304	1.0633	55.824	210.17	23.518	316.8	.50675	.82643

#1	.33859	1.5074	-.00186	.00112	.00594	.0014	.10170	5.5752
#2	.33882	1.5063	-.00052	-.00093	.00947	-.0011	.10267	5.5703
#3	.34296	1.5347	-.00122	-.00348	.00731	.0009	.10251	5.6528

Sample Name: K1009-02DUP Acquired: 1/22/2019 13:48:42 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7938
Stddev .4475
%RSD 6.5869

#1 7.3084
#2 6.5779
#3 6.4952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3269.5	40401.	3520.9	90.547	3538.0
Stddev	15.0	45.	2.3	1.986	21.6
%RSD	.46003	.11088	.06563	2.1939	.60958

#1	3270.3	40423.	3523.5	89.242	3521.3
#2	3254.0	40350.	3520.1	89.567	3530.3
#3	3284.1	40431.	3519.1	92.833	3562.3

Sample Name: PB116510BS Acquired: 1/22/2019 14:27:46 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116521BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84866	1.9687	1.0432	2.1702	.86446	2.2161	.20507
Stddev	.01066	.0187	.0063	.0199	.00697	.0262	.00116
%RSD	1.2556	.95178	.60862	.91511	.80630	1.1833	.56605

#1	.84114	1.9599	1.0386	2.1504	.85853	2.2402	.20452
#2	.84398	1.9559	1.0405	2.1702	.86271	2.2198	.20641
#3	.86085	1.9902	1.0505	2.1901	.87214	2.1882	.20429

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21404	.20082	1.0226	.45058	.21511	.33752	3.4191
Stddev	.00062	.00120	.0146	.00046	.00109	.00251	.0314
%RSD	.28810	.59634	1.4250	.10170	.50795	.74509	.91846

#1	.21455	.20019	1.0265	.45082	.21450	.33538	3.4417
#2	.21336	.20006	1.0348	.45086	.21447	.33690	3.4324
#3	.21421	.20220	1.0065	.45005	.21638	.34029	3.3833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22527	1.8058	.48726	.08547	2.6121	.29889	.22086
Stddev	.00048	.0224	.00326	.00095	.0075	.00015	.00247
%RSD	.21227	1.2428	.66869	1.1141	.28604	.04883	1.1182

#1	.22580	1.7828	.48493	.08498	2.6178	.29883	.22357
#2	.22488	1.8070	.48588	.08487	2.6149	.29905	.21875
#3	.22511	1.8276	.49099	.08657	2.6037	.29878	.22026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5683	.41264	.29046	F -.03572	.89023	.72533	.21750
Stddev	.0492	.00387	.00771	.00145	.01499	.00602	.00286
%RSD	.51414	.93816	2.6539	4.0584	1.6835	.82990	1.3167

#1	9.5443	.40868	.28156	-.03738	.87842	.72510	.21449
#2	9.5358	.41284	.29499	-.03473	.88517	.71943	.21785
#3	9.6249	.41641	.29483	-.03504	.90709	.73146	.22018

Sample Name: PB116510BS Acquired: 1/22/2019 14:27:46 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116521BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20146	5.614	.21389	F 5.3351	F<.00000
Stddev	.00138	.039	.00099	.0790	.89472
%RSD	.68649	.6871	.46207	1.4808	210.43
#1	.20215	5.598	.21288	5.3825	.54141
#2	.20236	5.585	.21485	5.3789	-1.2244
#3	.19986	5.657	.21395	5.2439	-.59255
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3324.3	42094.	3463.2	92.228	3799.2
Stddev	24.2	121.	18.1	1.136	7.0
%RSD	.72719	.28849	.52326	1.2311	.18419
#1	3351.4	41954.	3477.5	90.917	3804.0
#2	3316.6	42174.	3469.2	92.883	3802.5
#3	3304.9	42153.	3442.8	92.883	3791.2

Sample Name: PB116522BS Acquired: 1/22/2019 14:31:50 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86237	1.9927	1.0606	2.1947	.87425	2.2661	.20841
Stddev	.00254	.0029	.0023	.0033	.00107	.0284	.00149
%RSD	.29480	.14530	.22003	.15193	.12219	1.2533	.71582

#1	.86231	1.9955	1.0580	2.1942	.87420	2.2341	.20691
#2	.86494	1.9930	1.0625	2.1983	.87534	2.2755	.20843
#3	.85986	1.9897	1.0613	2.1917	.87321	2.2885	.20989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21826	.20284	1.0758	.45823	.21732	.34196	3.5223
Stddev	.00016	.00033	.0050	.00196	.00054	.00174	.0406
%RSD	.07524	.16144	.46296	.42804	.24780	.50874	1.1513

#1	.21834	.20247	1.0802	.45766	.21691	.34331	3.4935
#2	.21807	.20295	1.0767	.46041	.21793	.34256	3.5048
#3	.21837	.20309	1.0704	.45662	.21712	.33999	3.5687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23002	1.8550	.49192	.08757	2.5924	.30464	.22485
Stddev	.00049	.0858	.00046	.00173	.0293	.00121	.00190
%RSD	.21427	4.6236	.09404	1.9802	1.1296	.39871	.84368

#1	.22980	1.7869	.49244	.08563	2.5587	.30395	.22382
#2	.23059	1.9513	.49159	.08895	2.6113	.30604	.22368
#3	.22968	1.8267	.49172	.08813	2.6072	.30393	.22704

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7148	.41689	.29712	F -.03414	.90272	.73141	.21666
Stddev	.0769	.00063	.01111	.00538	.01067	.00184	.00248
%RSD	.79127	.15050	3.7394	15.743	1.1816	.25161	1.1464

#1	9.6309	.41745	.30692	-.03068	.91482	.73352	.21381
#2	9.7313	.41700	.28505	-.04034	.89865	.73049	.21780
#3	9.7820	.41621	.29938	-.03142	.89468	.73020	.21837

Sample Name: PB116522BS Acquired: 1/22/2019 14:31:50 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20322	5.691	.21876	F 5.3067	F<.00000
Stddev	.00048	.015	.00104	.0984	.66389
%RSD	.23822	.2687	.47596	1.8539	68.441
#1	.20278	5.706	.21804	5.2727	-1.7197
#2	.20313	5.691	.21828	5.4176	-.73391
#3	.20374	5.675	.21995	5.2299	-.45646
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.1	42189.	3469.6	92.039	3807.0
Stddev	3.4	179.	10.2	.778	1.2
%RSD	.10306	.42436	.29291	.84482	.03174
#1	3318.0	42130.	3467.7	92.458	3808.3
#2	3322.9	42047.	3480.5	92.517	3806.9
#3	3316.3	42390.	3460.5	91.142	3805.9

Sample Name: CCV02 Acquired: 1/22/2019 14:35:58 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14487 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0898	5.0649	4.9327	5.0860	5.0608	10.720	10.029	.25108
Stddev	.0103	.0194	.0180	.0106	.0218	.094	.059	.00014
%RSD	.20149	.38393	.36391	.20816	.43139	.87730	.58981	.05452
#1	5.0795	5.0490	4.9153	5.0785	5.0378	10.628	10.090	.25122
#2	5.0899	5.0591	4.9315	5.0814	5.0812	10.816	9.9723	.25095
#3	5.1000	5.0866	4.9512	5.0981	5.0634	10.718	10.025	.25107
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3855	25.883	1.0254	2.4806	1.2257	5.3063	2.5058	25.126
Stddev	.0091	.113	.0010	.0105	.0065	.1168	.0034	.188
%RSD	.38209	.43650	.10103	.42329	.52733	2.2002	.13742	.74934
#1	2.3762	25.794	1.0256	2.4742	1.2196	5.1715	2.5095	24.918
#2	2.3859	26.010	1.0264	2.4748	1.2325	5.3735	2.5027	25.174
#3	2.3944	25.845	1.0243	2.4927	1.2249	5.3739	2.5052	25.285
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5479	1.3411	24.922	2.2959	2.4969	24.840	4.7201	F 4.3812
Stddev	.0129	.0051	.148	.0054	.0401	.078	.0230	.0445
%RSD	.50708	.37707	.59435	.23365	1.6051	.31480	.48650	1.0162
#1	2.5360	1.3381	25.075	2.3018	2.4507	24.924	4.6973	4.3325
#2	2.5461	1.3469	24.779	2.2914	2.5189	24.770	4.7432	4.3912
#3	2.5616	1.3382	24.913	2.2944	2.5212	24.825	4.7200	4.4199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5006	F 4.2028	4.8843	4.9550	4.5376	4.779	4.9810	F 5.8434
Stddev	.0059	.0096	.0166	.0017	.0220	.020	.0257	.0475
%RSD	.13174	.22757	.34076	.03499	.48372	.4257	.51593	.81346
#1	4.4942	4.2135	4.8727	4.9563	4.5623	4.765	5.0105	5.8632
#2	4.5060	4.1951	4.8768	4.9530	4.5203	4.770	4.9632	5.8779
#3	4.5014	4.1998	4.9034	4.9556	4.5304	4.802	4.9694	5.7892

Sample Name: CCV02 Acquired: 1/22/2019 14:35:58 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14487 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6210
Stddev	.5689
%RSD	12.312

#1	4.0675
#2	4.5914
#3	5.2042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.7	40430.	3493.3	88.664	3480.5
Stddev	12.0	138.	20.9	1.286	7.2
%RSD	.37159	.34012	.59893	1.4505	.20737

#1	3229.1	40313.	3469.2	90.149	3483.8
#2	3207.9	40395.	3503.9	87.954	3485.5
#3	3228.1	40581.	3506.9	87.890	3472.2

Sample Name: CCB02 Acquired: 1/22/2019 14:39:58 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14487 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.00124	F .00324	-.00192	-.00044	-.01222	.00205
Stddev	.00236	.00121	.00056	.00133	.00193	.00983	.00027
%RSD	132.55	97.987	17.190	69.141	439.61	80.424	13.112

#1	-.00206	.00005	.00356	-.00321	.00056	-.00837	.00222
#2	-.00399	-.00235	.00355	-.00056	.00079	-.02340	.00174
#3	.00071	-.00141	.00259	-.00199	-.00266	-.00490	.00220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00001	.00978	.00063	-.00016	.00045	.00732
Stddev	.00007	.00011	.03441	.00043	.00019	.00024	.00722
%RSD	177.73	1669.6	351.95	68.080	119.46	54.312	98.587

#1	.00006	-.00013	-.00123	.00053	.00006	.00017	.01210
#2	.00010	.00002	-.01778	.00109	-.00025	.00062	-.00098
#3	-.00004	.00009	.04835	.00025	-.00029	.00055	.01084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.05525	-.00106	.00194	-.24132	.00086	-.00089
Stddev	.00003	.06187	.00061	.00067	.00500	.00051	.00008
%RSD	262.40	111.99	57.897	34.705	2.0701	58.648	8.6910

#1	.00004	-.00681	-.00138	.00118	-.24674	.00072	-.00092
#2	.00001	.05563	-.00035	.00244	-.24033	.00044	-.00095
#3	-.00002	.11694	-.00143	.00222	-.23689	.00142	-.00080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.22527	.00035	-.01317	F -.03235	.01188	-.00141	-.00037
Stddev	.04208	.00036	.01788	.00480	.00152	.00050	.00239
%RSD	18.682	101.86	135.81	14.838	12.762	35.519	646.42

#1	-.18822	.00076	-.00024	-.03665	.01036	-.00085	-.00195
#2	-.27102	.00018	-.03357	-.03324	.01189	-.00157	-.00153
#3	-.21656	.00011	-.00568	-.02717	.01339	-.00181	.00238

Sample Name: CCB02 Acquired: 1/22/2019 14:39:58 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14487 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00332	-.0064	.00020	F 5.2922	F 4.6665
Stddev	.00222	.0015	.00011	.0877	.5704
%RSD	66.827	23.43	54.732	1.6580	12.222
#1	-.00416	-.0050	.00029	5.1949	5.3151
#2	-.00080	-.0080	.00024	5.3163	4.2433
#3	-.00500	-.0063	.00008	5.3653	4.4411
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.6	42396.	3516.3	92.347	3863.8
Stddev	20.8	105.	27.2	1.853	4.3
%RSD	.62062	.24702	.77251	2.0063	.11142
#1	3326.4	42452.	3505.4	92.992	3861.7
#2	3343.0	42461.	3547.2	93.792	3861.0
#3	3367.6	42275.	3496.2	90.258	3868.8

Sample Name: K1009-02LX5 Acquired: 1/22/2019 14:44:27 Type: Unk
Method: P4-ICP2(v2757) 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	-.00257	-.00153	.00426	-.00168	-.00231	.03160	.02691	.00006
Stddev	.00085	.00073	.00095	.00234	.00144	.02473	.00045	.00007
%RSD	33.054	47.623	22.261	139.50	62.554	78.273	1.6853	111.84

#1	-.00167	-.00146	.00536	.00000	-.00344	.00349	.02667	.00003
#2	-.00335	-.00084	.00378	-.00069	-.00280	.04127	.02662	.00002
#3	-.00268	-.00229	.00366	-.00435	-.00068	.05003	.02743	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	6.1624	.00041	.00097	.00091	.04798	.22843	.79152
Stddev	.00012	.0294	.00012	.00015	.00043	.01596	.00119	.03163
%RSD	570.81	.47774	29.309	15.880	47.036	33.270	.52157	3.9962

#1	.00006	6.1528	.00032	.00112	.00090	.03161	.22943	.82678
#2	-.00011	6.1389	.00054	.00096	.00134	.04882	.22711	.78211
#3	.00012	6.1954	.00036	.00082	.00048	.06350	.22875	.76565

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	.00240	58.817	-.00020	.01136	.05416	.00019	.00313
Stddev	.00025	.00039	.288	.00032	.00014	.03934	.00047	.02320
%RSD	66.171	16.308	.48923	164.42	1.2479	72.638	249.35	742.36

#1	-.00056	.00224	59.145	.00013	.01134	.04214	-.00016	-.00626
#2	-.00009	.00284	58.608	-.00021	.01123	.02223	.00073	-.01391
#3	-.00048	.00211	58.698	-.00051	.01151	.09812	.00000	.02955

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04497	.33863	-.00182	.00016	-.00488	-.0037	.02207	5.5627
Stddev	.00163	.00239	.00121	.00103	.00184	.0015	.00013	.0602
%RSD	3.6168	.70717	66.425	628.75	37.716	41.09	.59100	1.0829

#1	.04330	.34130	-.00255	.00045	-.00699	-.0043	.02210	5.5872
#2	.04655	.33669	-.00042	.00102	-.00362	-.0049	.02193	5.6068
#3	.04507	.33789	-.00248	-.00098	-.00402	-.0020	.02219	5.4940

Sample Name: K1009-02LX5 Acquired: 1/22/2019 14:44:27 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7639
Stddev	.2038
%RSD	4.2775

#1	4.9785
#2	4.7401
#3	4.5730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3281.1	41378.	3532.0	91.641	3687.6
Stddev	9.3	186.	37.6	.260	6.2
%RSD	.28308	.45032	1.0653	.28372	.16903

#1	3273.4	41198.	3490.1	91.935	3680.4
#2	3291.4	41367.	3562.9	91.547	3690.4
#3	3278.4	41570.	3543.1	91.440	3691.9

Sample Name: K1009-02MS Acquired: 1/22/2019 14:53:26 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 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	.91719	1.9643	1.0985	2.3047	.91217	2.6064	.32582	.22263	.21483
Stddev	.02584	.0518	.0338	.0589	.02650	.0668	.00172	.00027	.00617
%RSD	2.8173	2.6358	3.0750	2.5556	2.9048	2.5626	.52796	.12018	2.8699

#1	.89114	1.9144	1.0642	2.2508	.88916	2.5508	.32776	.22250	.20847
#2	.91762	1.9607	1.0996	2.2957	.90620	2.5879	.32450	.22244	.21524
#3	.94282	2.0178	1.1317	2.3675	.94114	2.6805	.32520	.22293	.22078

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.163	.46984	.23692	.34138	3.7606	1.3455	5.6701	.51583	.08619
Stddev	.091	.00145	.00663	.01095	.0550	.0023	.0852	.01550	.00051
%RSD	.28200	.30912	2.7969	3.2079	1.4626	.16862	1.5028	3.0052	.58867

#1	32.228	.46890	.23000	.33018	3.7414	1.3481	5.7225	.50025	.08609
#2	32.201	.46911	.23755	.34191	3.7177	1.3441	5.5718	.51599	.08674
#3	32.059	.47152	.24321	.35206	3.8226	1.3443	5.7160	.53126	.08574

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	290.15	.31684	.26994	11.003	.45395	.30337	.35127	2.4334	.79594
Stddev	2.34	.00171	.00864	.116	.01245	.01242	.00828	.0177	.01905
%RSD	.80655	.53967	3.1998	1.0581	2.7419	4.0943	2.3566	.72919	2.3930

#1	291.60	.31860	.26329	11.078	.44166	.28908	.36034	2.4396	.77654
#2	291.40	.31518	.26683	10.869	.45363	.31157	.34937	2.4473	.79665
#3	287.45	.31674	.27970	11.063	.46655	.30947	.34411	2.4134	.81461

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22707	.20285	6.501	.32827	6.3890	2.8421
Stddev	.00150	.00113	.171	.00191	.0801	.5296
%RSD	.65942	.55593	2.636	.58132	1.2531	18.633

#1	.22668	.20247	6.332	.33047	6.3907	2.2416
#2	.22581	.20196	6.497	.32718	6.3081	3.0423
#3	.22872	.20412	6.675	.32715	6.4682	3.2423

Sample Name: K1009-02MS Acquired: 1/22/2019 14:53:26 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-011819 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	3097.0	38209.	3399.4	87.558	3363.6
Stddev	8.6	154.	20.7	.822	7.8
%RSD	.27650	.40366	.61039	.93847	.23261
#1	3087.2	38076.	3376.2	87.342	3357.8
#2	3100.8	38378.	3405.8	88.467	3360.5
#3	3103.0	38173.	3416.1	86.867	3372.5

Sample Name: K1009-02MSD Acquired: 1/22/2019 14:57:44 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 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	.97737	2.0731	1.1655	2.4314	.97013	2.8173	.34331	.24312	.22739
Stddev	.00514	.0101	.0079	.0145	.00938	.0209	.00273	.00093	.00097
%RSD	.52540	.48867	.67687	.59766	.96735	.74089	.79445	.38391	.42747

#1	.97810	2.0615	1.1600	2.4206	.96165	2.7952	.34020	.24226	.22654
#2	.98210	2.0782	1.1745	2.4479	.98021	2.8367	.34445	.24298	.22845
#3	.97191	2.0797	1.1620	2.4256	.96853	2.8201	.34528	.24411	.22718

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.519	.51368	.25034	.36338	4.1247	1.3471	5.6780	.54609	.09398
Stddev	.350	.00292	.00075	.00214	.0506	.0021	.0990	.00202	.00083
%RSD	1.1108	.56828	.30091	.58951	1.2276	.15706	1.7435	.37071	.87859

#1	31.124	.51300	.24959	.36125	4.0678	1.3452	5.5666	.54398	.09378
#2	31.640	.51116	.25109	.36553	4.1414	1.3468	5.7117	.54801	.09488
#3	31.792	.51688	.25033	.36336	4.1648	1.3494	5.7558	.54628	.09327

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	282.91	.34611	.27864	11.935	.48069	.36434	.33926	2.4651	.84220
Stddev	.88	.00214	.00172	.035	.00290	.01647	.00313	.0089	.00442
%RSD	.30970	.61722	.61645	.29404	.60269	4.5207	.92228	.35945	.52475

#1	282.86	.34505	.28059	11.901	.47961	.36685	.33610	2.4694	.83903
#2	283.81	.34857	.27801	11.931	.48397	.34676	.33933	2.4710	.84725
#3	282.06	.34472	.27734	11.971	.47848	.37941	.34236	2.4549	.84032

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25232	.22630	6.841	.34709	6.1538	1.4492
Stddev	.00584	.00256	.016	.00168	.0757	.6009
%RSD	2.3136	1.1307	.2377	.48540	1.2305	41.465

#1	.24578	.22361	6.822	.34515	6.2177	1.0213
#2	.25418	.22660	6.854	.34808	6.0702	1.1902
#3	.25700	.22870	6.846	.34806	6.1734	2.1362

Sample Name: K1009-02MSD Acquired: 1/22/2019 14:57:44 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 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	3135.6	39024.	3496.1	90.231	3410.2
Stddev	22.8	50.	27.9	.714	19.9
%RSD	.72608	.12913	.79717	.79084	.58261
#1	3143.1	38966.	3467.3	89.425	3415.4
#2	3110.0	39051.	3498.1	90.483	3388.3
#3	3153.7	39055.	3522.9	90.783	3427.0

Sample Name: K1009-02A Acquired: 1/22/2019 15:02:00 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97992	2.0815	1.1708	2.4270	.97140	2.8146	.34427	.24407	.22801
Stddev	.00611	.0071	.0058	.0152	.00477	.0158	.00089	.00056	.00089
%RSD	.62354	.34303	.49781	.62472	.49147	.56204	.25727	.22775	.39097
#1	.97691	2.0896	1.1769	2.4423	.97691	2.8010	.34495	.24471	.22904
#2	.98696	2.0792	1.1652	2.4269	.96877	2.8110	.34327	.24371	.22741
#3	.97591	2.0759	1.1703	2.4119	.96851	2.8320	.34459	.24379	.22759
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.526	.51489	.25115	.36339	4.1402	1.3445	5.7371	.54646	.09517
Stddev	.080	.00158	.00070	.00047	.0507	.0010	.0258	.00208	.00026
%RSD	.25327	.30737	.27916	.12960	1.2237	.07344	.44973	.38094	.27346
#1	31.594	.51330	.25147	.36372	4.0833	1.3455	5.7554	.54880	.09546
#2	31.544	.51646	.25163	.36360	4.1567	1.3435	5.7483	.54573	.09497
#3	31.438	.51491	.25034	.36285	4.1805	1.3446	5.7076	.54484	.09507
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	283.28	.34876	.28324	12.078	.48124	.34707	.34058	2.4791	.84586
Stddev	2.06	.00064	.00348	.064	.00194	.01459	.00341	.0268	.00498
%RSD	.72756	.18423	1.2281	.53256	.40286	4.2050	1.0026	1.0796	.58930
#1	282.46	.34886	.27979	12.090	.47939	.34005	.34339	2.4920	.85093
#2	285.63	.34808	.28674	12.135	.48106	.33732	.34157	2.4970	.84097
#3	281.76	.34935	.28320	12.008	.48326	.36385	.33678	2.4483	.84568
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.25114	.23001	6.873	.34762	6.1746	1.0029			
Stddev	.00587	.00146	.022	.00102	.0654	.9805			
%RSD	2.3359	.63376	.3257	.29477	1.0590	97.761			
#1	.25068	.22834	6.899	.34708	6.1634	-.10983			
#2	.25723	.23066	6.859	.34880	6.2448	1.3786			
#3	.24553	.23104	6.861	.34697	6.1155	1.7400			

Sample Name: K1009-02A Acquired: 1/22/2019 15:02:00 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.5	39019.	3456.9	88.686	3404.4
Stddev	7.7	104.	41.6	1.199	14.1
%RSD	.24498	.26602	1.2035	1.3517	.41425
#1	3135.3	39119.	3428.2	89.708	3389.6
#2	3125.2	38912.	3437.8	87.367	3406.1
#3	3140.2	39026.	3504.6	88.983	3417.6

Sample Name: K1009-04 Acquired: 1/22/2019 15:06:17 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00943	-.00608	.01470	.00130	-.00047	.12413	.16558	.00006
Stddev	.00070	.00186	.00066	.00095	.00103	.02493	.00169	.00008
%RSD	7.3886	30.535	4.4721	73.370	218.47	20.088	1.0183	141.07

#1	-.00968	-.00738	.01420	.00147	-.00064	.13012	.16678	-.00003
#2	-.00865	-.00690	.01545	.00027	.00063	.14552	.16365	.00008
#3	-.00997	-.00395	.01445	.00214	-.00141	.09674	.16631	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	34.701	.00039	.00532	.00508	.07033	1.4230	3.7592
Stddev	.00013	.245	.00079	.00042	.00064	.01420	.0012	.1062
%RSD	106.33	.70512	203.07	7.9212	12.570	20.190	.08684	2.8248

#1	.00026	34.423	-.00010	.00581	.00577	.07365	1.4217	3.6366
#2	-.00001	34.884	-.00004	.00503	.00451	.08258	1.4232	3.8237
#3	.00013	34.796	.00130	.00513	.00495	.05477	1.4242	3.8171

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00126	290.83	-.00213	.05601	1.3150	.00064	.02029
Stddev	.00040	.00050	1.33	.00022	.00042	.0380	.00028	.01268
%RSD	27.423	39.277	.45821	10.467	.74354	2.8885	43.102	62.470

#1	.00175	.00069	289.66	-.00207	.05586	1.2767	.00036	.02993
#2	.00100	.00153	292.28	-.00194	.05648	1.3157	.00092	.02501
#3	.00161	.00157	290.55	-.00238	.05568	1.3527	.00064	.00593

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53914	1.6342	-.00060	-.00070	.00583	.0016	.11773	6.1926
Stddev	.00240	.0137	.00118	.00204	.00267	.0031	.00012	.0308
%RSD	.44605	.83854	197.19	291.34	45.731	197.9	.10079	.49715

#1	.53969	1.6198	-.00004	-.00135	.00412	.0022	.11779	6.2255
#2	.54122	1.6357	.00020	-.00233	.00446	.0042	.11759	6.1878
#3	.53651	1.6471	-.00195	.00158	.00890	-.0018	.11781	6.1645

Sample Name: K1009-04 Acquired: 1/22/2019 15:06:17 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.2137
 Stddev 1.0972
 %RSD 15.210

#1 7.3273
 #2 6.0641
 #3 8.2497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.1	38754.	3468.0	88.956	3400.0
Stddev	12.0	21.	8.3	1.019	11.5
%RSD	.38612	.05517	.23899	1.1453	.33826

#1	3110.4	38753.	3477.5	88.825	3391.8
#2	3113.6	38776.	3462.5	88.008	3395.1
#3	3091.4	38733.	3464.0	90.033	3413.2

Sample Name: K1009-06 Acquired: 1/22/2019 15:10:51 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00284	-.00681	.02163	-.00001	-.00245	.19022	.15614	.00017
Stddev	.00232	.00109	.00108	.00455	.00068	.01902	.00066	.00011
%RSD	81.700	16.071	4.9904	44863.	27.660	9.9981	.42219	64.348

#1	-.00507	-.00653	.02287	-.00103	-.00241	.21150	.15572	.00011
#2	-.00044	-.00588	.02093	-.00396	-.00179	.18428	.15690	.00030
#3	-.00300	-.00802	.02108	.00496	-.00314	.17488	.15580	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	36.872	.00116	.00451	.00843	.04306	.91337	2.9766
Stddev	.00005	.053	.00031	.00042	.00050	.01917	.00160	.0318
%RSD	28.737	.14364	27.035	9.2395	5.8700	44.525	.17535	1.0673

#1	.00018	36.812	.00103	.00427	.00803	.05863	.91158	3.0114
#2	.00025	36.893	.00152	.00427	.00828	.02165	.91466	2.9696
#3	.00014	36.911	.00094	.00500	.00899	.04890	.91387	2.9490

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	.00183	298.47	-.00069	.05105	1.0702	.00085	.01088
Stddev	.00041	.00054	.51	.00055	.00126	.0371	.00033	.00737
%RSD	11.394	29.398	.16924	79.597	2.4677	3.4637	39.311	67.721

#1	.00341	.00243	297.95	-.00106	.05054	1.1121	.00057	.01608
#2	.00412	.00138	298.48	-.00006	.05014	1.0567	.00122	.01411
#3	.00339	.00168	298.96	-.00094	.05249	1.0418	.00077	.00245

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51803	1.6367	-.00070	-.00245	.00651	.0022	.12666	6.1196
Stddev	.00177	.0154	.00017	.00287	.00128	.0007	.00020	.0515
%RSD	.34072	.94119	24.526	117.10	19.676	30.74	.15759	.84200

#1	.51955	1.6464	-.00072	-.00577	.00574	.0024	.12651	6.1118
#2	.51846	1.6448	-.00053	-.00085	.00799	.0015	.12657	6.0724
#3	.51609	1.6190	-.00087	-.00074	.00580	.0028	.12688	6.1746

Sample Name: K1009-06 Acquired: 1/22/2019 15:10:51 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.1831
 Stddev .9577
 %RSD 13.332

#1 7.8180
 #2 6.0815
 #3 7.6497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.2	38773.	3506.6	89.672	3403.8
Stddev	16.4	15.	2.1	1.737	12.0
%RSD	.52596	.03905	.06058	1.9369	.35238

#1	3110.4	38757.	3504.3	90.683	3396.7
#2	3115.2	38787.	3506.9	90.667	3397.2
#3	3141.0	38775.	3508.5	87.667	3417.7

Sample Name: K1009-08 Acquired: 1/22/2019 15:15:23 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00563	-.00686	.01380	-.00033	.00117	.19173	.14081	.00012
Stddev	.00301	.00218	.00036	.00314	.00146	.01753	.00109	.00004
%RSD	53.529	31.852	2.6103	958.65	124.94	9.1424	.77195	37.253

#1	-.00701	-.00751	.01362	.00272	.00062	.17789	.14183	.00009
#2	-.00770	-.00442	.01357	-.00015	.00283	.18586	.13966	.00017
#3	-.00217	-.00865	.01422	-.00355	.00006	.21144	.14092	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	32.151	.00065	.00395	.00578	.07551	.79934	2.7952
Stddev	.00012	.018	.00025	.00019	.00022	.00620	.00100	.0311
%RSD	68.787	.05479	38.112	4.8110	3.7498	8.2128	.12527	1.1141

#1	.00004	32.133	.00047	.00409	.00590	.07202	.79974	2.7677
#2	.00026	32.151	.00056	.00373	.00553	.07185	.80007	2.7890
#3	.00022	32.168	.00093	.00402	.00591	.08267	.79820	2.8290

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	.00134	283.89	.00001	.05042	1.6234	.00055	.02800
Stddev	.00019	.00040	2.42	.00001	.00108	.0241	.00014	.00984
%RSD	10.380	29.776	.85336	53.975	2.1477	1.4848	25.390	35.134

#1	.00207	.00149	285.90	.00001	.05159	1.6401	.00062	.02562
#2	.00184	.00165	281.20	.00002	.04946	1.6343	.00039	.03881
#3	.00169	.00089	284.56	.00002	.05020	1.5957	.00065	.01957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39315	1.4815	-.00188	.00334	.00636	.0017	.11306	6.2065
Stddev	.00233	.0124	.00099	.00257	.00129	.0023	.00022	.0027
%RSD	.59389	.83768	52.694	76.943	20.286	137.8	.19338	.04333

#1	.39583	1.4865	-.00084	.00619	.00616	.0007	.11331	6.2041
#2	.39153	1.4674	-.00198	.00267	.00518	.0043	.11295	6.2094
#3	.39210	1.4907	-.00281	.00118	.00774	.0000	.11291	6.2058

Sample Name: K1009-08 Acquired: 1/22/2019 15:15:23 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-011819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5631
 Stddev .5699
 %RSD 8.6834

#1 5.9385
 #2 7.0547
 #3 6.6962

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.2	38911.	3497.9	88.769	3400.3
Stddev	7.9	20.	32.1	1.164	9.7
%RSD	.25271	.05068	.91670	1.3111	.28535

#1	3126.0	38932.	3468.8	87.575	3390.8
#2	3118.5	38893.	3532.3	89.900	3410.2
#3	3134.3	38907.	3492.6	88.833	3400.0

Sample Name: K1013-02 Acquired: 1/22/2019 15:19:56 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00823	-.00552	.00794	.00259	-.00341	.11984	.21880	.00034
Stddev	.00501	.00118	.00069	.00147	.00087	.00944	.00149	.00008
%RSD	60.793	21.288	8.6304	56.497	25.527	7.8801	.68045	22.206

#1	-.01224	-.00509	.00785	.00399	-.00385	.12986	.22031	.00043
#2	-.00984	-.00685	.00730	.00272	-.00240	.11111	.21874	.00028
#3	-.00262	-.00463	.00866	.00107	-.00396	.11855	.21734	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	15.985	.00031	.00826	.00825	.02309	1.6065	4.0538
Stddev	.00007	.070	.00058	.00026	.00041	.01630	.0037	.0310
%RSD	505.23	.43783	187.86	3.1806	5.0021	70.616	.23231	.76535

#1	.00004	15.925	.00096	.00797	.00779	.03167	1.6057	4.0186
#2	-.00006	15.969	.00011	.00848	.00858	.03331	1.6032	4.0656
#3	.00007	16.062	-.00015	.00833	.00837	.00429	1.6105	4.0772

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00486	.00145	296.04	-.00282	.03601	1.1794	.00050	.05123
Stddev	.00010	.00029	3.38	.00052	.00031	.0429	.00022	.01224
%RSD	2.1054	19.843	1.1408	18.308	.85157	3.6340	43.047	23.893

#1	.00478	.00155	299.41	-.00252	.03591	1.2162	.00062	.06084
#2	.00498	.00168	292.65	-.00252	.03636	1.1897	.00025	.05539
#3	.00484	.00113	296.05	-.00342	.03577	1.1324	.00064	.03745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26147	.93208	-.00049	.00015	.00755	.0002	.06216	6.3255
Stddev	.00480	.01460	.00059	.00133	.00043	.0007	.00032	.0637
%RSD	1.8361	1.5667	120.22	883.35	5.7143	359.4	.52091	1.0076

#1	.26699	.94813	-.00000	.00098	.00732	.0001	.06241	6.2748
#2	.25827	.91957	-.00114	.00085	.00804	.0010	.06180	6.3047
#3	.25916	.92855	-.00032	-.00138	.00727	-.0005	.06228	6.3970

Sample Name: K1013-02 Acquired: 1/22/2019 15:19:56 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.7222
 Stddev .3234
 %RSD 4.8108

#1 6.3796
 #2 6.7650
 #3 7.0221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.3	38638.	3480.9	86.956	3391.6
Stddev	2.0	124.	37.8	.661	4.1
%RSD	.06481	.32103	1.0851	.76044	.12047

#1	3093.0	38734.	3437.3	86.792	3386.9
#2	3096.9	38681.	3503.4	86.392	3394.2
#3	3095.8	38497.	3502.0	87.683	3393.7

Sample Name: K1013-04 Acquired: 1/22/2019 15:24:29 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00745	-.00675	.00800	.00019	-.00113	.12292	.20639	.00019
Stddev	.00323	.00147	.00115	.00160	.00360	.01158	.00120	.00011
%RSD	43.337	21.827	14.333	821.36	318.62	9.4218	.58373	59.015

#1	-.00607	-.00566	.00930	-.00003	-.00383	.12587	.20507	.00027
#2	-.00513	-.00843	.00713	.00190	.00296	.11015	.20743	.00024
#3	-.01113	-.00616	.00757	-.00128	-.00251	.13275	.20666	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	13.895	.00089	.00223	.00691	.03855	1.1284	2.7476
Stddev	.00003	.014	.00029	.00061	.00082	.00640	.0032	.0359
%RSD	20.908	.10218	32.139	27.153	11.804	16.595	.28626	1.3050

#1	.00017	13.885	.00082	.00287	.00785	.04591	1.1306	2.7102
#2	.00011	13.888	.00065	.00167	.00643	.03547	1.1247	2.7509
#3	.00013	13.911	.00121	.00216	.00645	.03428	1.1299	2.7817

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00115	278.04	-.00179	.05397	.90257	.00064	.02939
Stddev	.00023	.00042	2.52	.00039	.00075	.02400	.00024	.02097
%RSD	6.7186	36.948	.90566	22.032	1.3858	2.6588	38.221	71.357

#1	.00363	.00111	278.21	-.00225	.05330	.88432	.00044	.04782
#2	.00325	.00159	280.47	-.00158	.05383	.89364	.00091	.00657
#3	.00323	.00074	275.45	-.00155	.05477	.92975	.00057	.03377

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25857	1.0540	-.00075	.00021	.00607	.0009	.06672	6.3001
Stddev	.00336	.0101	.00102	.00389	.00220	.0010	.00023	.0267
%RSD	1.3006	.95530	135.22	1835.9	36.225	116.3	.34110	.42308

#1	.25893	1.0561	.00016	-.00428	.00784	.0002	.06647	6.3159
#2	.25504	1.0628	-.00056	.00245	.00675	.0020	.06690	6.3150
#3	.26173	1.0430	-.00186	.00246	.00361	.0004	.06680	6.2693

Sample Name: K1013-04 Acquired: 1/22/2019 15:24:29 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3123
Stddev .4275
%RSD 6.7720

#1 6.7490
#2 6.2932
#3 5.8947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.8	38730.	3505.8	87.586	3393.4
Stddev	18.3	110.	14.2	1.233	2.1
%RSD	.58993	.28495	.40387	1.4082	.06108

#1	3117.6	38612.	3501.6	88.825	3394.2
#2	3108.4	38746.	3494.2	87.575	3395.0
#3	3082.3	38831.	3521.5	86.358	3391.1

Sample Name: K1013-06 Acquired: 1/22/2019 15:29:02 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00738	-.00643	.00762	-.00001	-.00233	.09303	.13376	.00017
Stddev	.00320	.00204	.00131	.00108	.00210	.00746	.00074	.00006
%RSD	43.363	31.682	17.176	7664.6	90.275	8.0207	.55414	38.917

#1	-.01100	-.00560	.00899	.00121	-.00356	.09852	.13348	.00018
#2	-.00493	-.00875	.00746	-.00082	.00010	.09604	.13320	.00022
#3	-.00621	-.00494	.00639	-.00043	-.00352	.08453	.13460	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	25.904	.00102	.00850	.00877	.05590	1.0924	3.7931
Stddev	.00009	.164	.00073	.00032	.00043	.01500	.0008	.0640
%RSD	44.187	.63305	71.777	3.7442	4.9363	26.832	.07143	1.6883

#1	.00010	25.753	.00018	.00845	.00829	.06889	1.0921	3.7206
#2	.00027	25.881	.00143	.00820	.00914	.03949	1.0933	3.8169
#3	.00023	26.079	.00147	.00883	.00886	.05932	1.0918	3.8419

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	.00146	287.86	-.00180	.03344	1.1168	.00062	.00777
Stddev	.00052	.00055	3.43	.00033	.00092	.0273	.00033	.00562
%RSD	11.886	37.338	1.1898	18.458	2.7429	2.4449	52.944	72.297

#1	.00394	.00104	286.12	-.00202	.03438	1.1139	.00079	.00352
#2	.00495	.00208	285.65	-.00142	.03254	1.0910	.00084	.00565
#3	.00421	.00127	291.81	-.00196	.03340	1.1454	.00024	.01415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16263	.81798	-.00052	.00114	.00876	-.0013	.07505	6.3699
Stddev	.00096	.01065	.00051	.00325	.00166	.0015	.00053	.0661
%RSD	.58883	1.3019	97.731	286.16	18.999	120.8	.71019	1.0381

#1	.16176	.81818	-.00108	.00483	.00684	-.0019	.07500	6.3073
#2	.16247	.80723	-.00039	-.00129	.00962	-.0024	.07455	6.4391
#3	.16366	.82852	-.00009	-.00013	.00981	.0005	.07561	6.3632

Sample Name: K1013-06 Acquired: 1/22/2019 15:29:02 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.3547
 Stddev .4849
 %RSD 6.5924

#1 7.3371
 #2 6.8790
 #3 7.8482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.5	38532.	3458.6	87.983	3388.2
Stddev	6.8	73.	20.7	2.560	7.9
%RSD	.21926	.18991	.59968	2.9098	.23375

#1	3082.8	38548.	3447.4	85.683	3379.3
#2	3095.6	38452.	3482.5	90.742	3394.4
#3	3093.2	38595.	3445.8	87.525	3390.9

Sample Name: CCV03 Acquired: 1/22/2019 15:33:36 Type: Unk
Method: P4-ICP2(v2757) 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	5.0270	4.8454	4.8393	4.9621	4.9787	10.382	9.5667	.24235
Stddev	.0037	.0073	.0024	.0250	.0021	.030	.1302	.00045
%RSD	.07469	.15171	.04858	.50410	.04287	.29088	1.3607	.18719
#1	5.0263	4.8538	4.8413	4.9340	4.9775	10.409	9.4237	.24222
#2	5.0236	4.8401	4.8397	4.9819	4.9812	10.386	9.5982	.24197
#3	5.0310	4.8422	4.8367	4.9703	4.9775	10.349	9.6783	.24285
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3047	24.820	.99596	2.4297	1.1908	5.1743	2.4392	23.682
Stddev	.0044	.190	.00225	.0029	.0028	.0575	.0024	.238
%RSD	.19052	.76521	.22635	.11741	.23555	1.1111	.10064	1.0055
#1	2.3095	24.614	.99363	2.4265	1.1940	5.2044	2.4412	23.541
#2	2.3010	24.858	.99614	2.4308	1.1898	5.1080	2.4364	23.548
#3	2.3036	24.988	.99813	2.4318	1.1887	5.2105	2.4399	23.957
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4376	1.3261	23.635	2.2960	2.4459	23.880	4.5441	F 4.1545
Stddev	.0031	.0006	.303	.0057	.0321	.339	.0154	.0706
%RSD	.12718	.04289	1.2829	.24660	1.3119	1.4192	.33919	1.6998
#1	2.4406	1.3258	23.320	2.2999	2.4476	23.528	4.5612	4.1051
#2	2.4378	1.3258	23.660	2.2895	2.4130	23.908	4.5397	4.1232
#3	2.4344	1.3268	23.925	2.2985	2.4771	24.204	4.5313	4.2354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.2296	F 3.9778	4.7529	4.7881	F 4.3367	4.598	4.8304	F 6.1416
Stddev	.0132	.0472	.0055	.0505	.0590	.001	.0578	.0220
%RSD	.31167	1.1858	.11609	1.0541	1.3595	.0260	1.1968	.35793
#1	4.2144	3.9337	4.7472	4.7445	4.2710	4.599	4.7667	6.1166
#2	4.2380	3.9724	4.7534	4.7765	4.3541	4.598	4.8452	6.1504
#3	4.2365	4.0275	4.7582	4.8434	4.3851	4.596	4.8794	6.1578

Sample Name: CCV03 Acquired: 1/22/2019 15:33:36 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.3836
Stddev	.7166
%RSD	16.347

#1	4.9550
#2	4.6163
#3	3.5796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3156.2	40154.	3500.6	87.809	3458.1
Stddev	5.4	76.	40.9	1.224	6.0
%RSD	.17156	.18807	1.1676	1.3933	.17223

#1	3150.0	40237.	3544.8	87.682	3452.8
#2	3159.6	40090.	3492.6	89.092	3464.5
#3	3159.2	40134.	3464.2	86.655	3456.8

Sample Name: CCB03 Acquired: 1/22/2019 16:14:14 Type: Unk
Method: P4-ICP2(v2757) 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	-.00186	-.00057	F .00344	-.00433	-.00323	-.00473	.00105
Stddev	.00070	.00207	.00078	.00282	.00192	.01373	.00026
%RSD	37.794	363.27	22.621	65.098	59.534	290.14	24.837

#1	-.00263	-.00034	.00257	-.00434	-.00298	.00121	.00076
#2	-.00167	.00137	.00365	-.00714	-.00526	.00502	.00127
#3	-.00126	-.00274	.00408	-.00151	-.00144	-.02043	.00110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00003	.00108	.00034	-.00002	-.00035	.01985
Stddev	.00002	.00006	.01244	.00026	.00021	.00006	.02490
%RSD	27.980	194.89	1148.5	77.215	985.46	17.788	125.44

#1	.00007	.00000	.01241	.00038	-.00026	-.00034	.04590
#2	.00009	.00009	.00307	.00057	.00009	-.00042	.01738
#3	.00005	-.00001	-.01223	.00006	.00011	-.00029	-.00372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01598	-.00063	.00200	-.22626	.00025	-.00104
Stddev	.00004	.01066	.00064	.00077	.01472	.00019	.00008
%RSD	37.335	66.756	101.26	38.255	6.5053	77.023	7.7450

#1	-.00015	.02741	-.00135	.00239	-.23429	.00045	-.00097
#2	-.00007	.01421	-.00038	.00250	-.20928	.00008	-.00113
#3	-.00013	.00630	-.00015	.00112	-.23522	.00020	-.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08823	.00026	-.00099	F -.03121	.01278	-.00063	-.00145
Stddev	.05057	.00051	.00411	.00457	.00144	.00056	.00306
%RSD	57.322	195.81	415.25	14.641	11.285	88.897	211.03

#1	-.08574	-.00013	.00355	-.03647	.01231	-.00004	.00161
#2	-.03894	.00007	-.00444	-.02824	.01440	-.00070	-.00451
#3	-.13999	.00084	-.00207	-.02891	.01164	-.00117	-.00144

Sample Name: CCB03 Acquired: 1/22/2019 16:14:14 Type: Unk
Method: P4-ICP2(v2757) 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	-.00585	-.0066	.00017	F 5.8850	F 4.5895
Stddev	.00097	.0007	.00006	.0480	.9396
%RSD	16.633	10.04	36.604	.81543	20.472
#1	-.00624	-.0071	.00012	5.9325	3.5086
#2	-.00474	-.0059	.00024	5.8860	5.2108
#3	-.00656	-.0069	.00015	5.8365	5.0492
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.1	41097.	3571.1	90.061	3787.4
Stddev	2.5	83.	14.2	.473	3.1
%RSD	.07882	.20108	.39684	.52484	.08309
#1	3205.9	41029.	3562.3	89.867	3783.8
#2	3205.4	41074.	3563.5	89.717	3788.6
#3	3210.0	41189.	3587.4	90.600	3789.7

Sample Name: K1013-08 Acquired: 1/22/2019 16:18:39 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00459	-.00864	.00904	.00095	-.00464	.10157	.32852	.00020
Stddev	.00479	.00212	.00083	.00025	.00077	.00945	.00182	.00003
%RSD	104.29	24.515	9.2161	26.156	16.665	9.3068	.55453	14.445

#1	.00083	-.01037	.00992	.00088	-.00487	.10292	.32657	.00018
#2	-.00637	-.00628	.00895	.00074	-.00378	.11029	.32881	.00018
#3	-.00823	-.00928	.00826	.00122	-.00528	.09152	.33017	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	40.100	.00023	.00763	.00647	.04310	2.2259	12.331
Stddev	.00007	.267	.00047	.00011	.00026	.02745	.0124	.009
%RSD	54.085	.66561	199.25	1.4756	4.0788	63.680	.55797	.07569

#1	.00018	39.793	.00075	.00774	.00621	.02252	2.2276	12.322
#2	.00005	40.238	-.00015	.00752	.00645	.07426	2.2374	12.331
#3	.00018	40.270	.00010	.00764	.00674	.03251	2.2127	12.341

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.00197	265.50	-.00420	.03016	.96653	.00084	.04875
Stddev	.00046	.00088	3.23	.00071	.00023	.03271	.00042	.01041
%RSD	8.1118	44.666	1.2151	16.945	.76700	3.3841	49.611	21.352

#1	.00523	.00236	262.22	-.00361	.03027	.93310	.00095	.03695
#2	.00564	.00097	265.61	-.00401	.02990	.96803	.00120	.05264
#3	.00615	.00260	268.67	-.00499	.03032	.99847	.00038	.05664

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25191	1.1800	.00087	-.00009	.00209	-.0000	.09797	6.6543
Stddev	.00363	.0079	.00063	.00207	.00140	.0024	.00071	.0936
%RSD	1.4426	.67019	72.674	2346.1	67.309	6711.	.72358	1.4065

#1	.24820	1.1715	.00158	-.00243	.00173	.0028	.09716	6.7304
#2	.25546	1.1813	.00038	.00068	.00089	-.0013	.09843	6.6828
#3	.25208	1.1872	.00064	.00149	.00363	-.0016	.09833	6.5498

Sample Name: K1013-08 Acquired: 1/22/2019 16:18:39 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-01-011819 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.9225
Stddev	.4927
%RSD	7.1177

#1	6.9122
#2	6.4350
#3	7.4203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.3	37880.	3491.1	85.753	3317.9
Stddev	20.3	172.	11.0	.386	14.9
%RSD	.67598	.45506	.31462	.45063	.44906

#1	3008.9	37788.	3482.3	85.417	3314.9
#2	2979.6	37774.	3503.4	86.175	3304.7
#3	3018.5	38079.	3487.7	85.667	3334.0

Sample Name: K1201-01 Acquired: 1/22/2019 16:23:14 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 23885-23703 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00773	-.00737	.01252	-.00267	.00089	.04240	.48399	.00057
Stddev	.00199	.00213	.00119	.00464	.00214	.01395	.00238	.00003
%RSD	25.772	28.899	9.5111	174.17	240.15	32.912	.49211	4.9618

#1	-.00860	-.00492	.01385	-.00010	-.00086	.03990	.48673	.00054
#2	-.00545	-.00876	.01157	-.00803	.00327	.02986	.48273	.00058
#3	-.00914	-.00845	.01213	.00013	.00026	.05743	.48249	.00059

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	62.507	.00093	.01816	.00500	1.9963	.52721	18.803
Stddev	.00002	.583	.00046	.00050	.00060	.0323	.00114	.191
%RSD	3.1635	.93242	50.085	2.7361	11.930	1.6167	.21573	1.0150

#1	.00071	63.180	.00070	.01760	.00546	1.9751	.52821	18.629
#2	.00067	62.187	.00146	.01855	.00520	1.9802	.52598	18.772
#3	.00069	62.155	.00062	.01833	.00433	2.0334	.52746	19.007

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01489	.00038	310.18	-.00025	.41885	8.8021	.00119	.10759
Stddev	.00051	.00007	.58	.00041	.00818	.0356	.00038	.01038
%RSD	3.4379	18.260	.18738	167.19	1.9519	.40482	31.861	9.6488

#1	.01430	.00034	310.36	.00023	.41137	8.8196	.00128	.10715
#2	.01511	.00046	310.65	-.00052	.41760	8.7611	.00078	.11818
#3	.01524	.00034	309.53	-.00044	.42758	8.8256	.00152	.09743

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6793	7.5050	-.00169	-.00194	.04216	.0069	.28899	6.6670
Stddev	.0015	.0671	.00104	.00054	.00218	.0009	.00037	.0539
%RSD	.05672	.89460	61.571	27.929	5.1698	13.42	.12806	.80898

#1	2.6801	7.5709	-.00192	-.00231	.03981	.0064	.28910	6.7017
#2	2.6804	7.5074	-.00259	-.00221	.04256	.0080	.28929	6.6048
#3	2.6776	7.4367	-.00055	-.00132	.04412	.0063	.28858	6.6944

Sample Name: K1201-01 Acquired: 1/22/2019 16:23:14 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 23885-23703 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9693
 Stddev .9415
 %RSD 15.772

#1 6.0007
 #2 5.0125
 #3 6.8947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.5	37559.	3487.6	86.529	3294.3
Stddev	8.5	201.	16.9	1.457	6.4
%RSD	.28364	.53573	.48359	1.6843	.19392

#1	2981.8	37585.	3469.2	87.908	3287.3
#2	2997.5	37746.	3491.3	86.674	3295.8
#3	2995.2	37346.	3502.3	85.004	3299.8

Sample Name: K1202-01 Acquired: 1/22/2019 16:27:46 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 990 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08771	-.00724	.00556	.00418	.00595	.03140	.03873	.00021
Stddev	.00118	.00145	.00036	.00148	.00103	.01937	.00113	.00006
%RSD	1.3494	20.075	6.4475	35.484	17.240	61.677	2.9066	29.346

#1	.08889	-.00692	.00559	.00247	.00615	.04898	.03914	.00027
#2	.08652	-.00597	.00519	.00500	.00484	.03458	.03746	.00020
#3	.08772	-.00882	.00590	.00507	.00686	.01064	.03959	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	4.0659	.01393	-.00031	.03323	.03440	.03025	1.0613
Stddev	.00006	.0325	.00045	.00022	.00029	.01249	.00017	.0440
%RSD	65.191	.79967	3.2367	71.572	.86113	36.298	.56179	4.1478

#1	-.00002	4.0342	.01405	-.00024	.03342	.02162	.03043	1.1052
#2	-.00014	4.0642	.01344	-.00056	.03335	.04657	.03022	1.0616
#3	-.00012	4.0992	.01432	-.00013	.03290	.03501	.03009	1.0172

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	.00141	323.62	.00060	.17304	4.1893	.00294	.08667
Stddev	.00019	.00061	2.46	.00039	.00535	.0085	.00016	.00048
%RSD	6.5845	43.458	.75919	65.236	3.0930	.20304	5.4435	.55145

#1	.00301	.00084	326.16	.00032	.16815	4.1826	.00299	.08671
#2	.00308	.00206	321.25	.00104	.17876	4.1989	.00276	.08712
#3	.00272	.00133	323.45	.00043	.17222	4.1864	.00306	.08617

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3435	.06549	-.00019	.00102	.00196	F 359.3	.02840	6.5791
Stddev	.0111	.00103	.00117	.00442	.00127	.7	.00001	.0117
%RSD	.47478	1.5726	614.17	431.54	64.979	.2038	.05057	.17715

#1	2.3400	.06459	.00108	-.00385	.00101	360.0	.02840	6.5676
#2	2.3346	.06661	-.00121	.00214	.00341	358.6	.02841	6.5909
#3	2.3560	.06527	-.00045	.00478	.00146	359.2	.02838	6.5788

Sample Name: K1202-01 Acquired: 1/22/2019 16:27:46 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 990 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.6670
Stddev .6713
%RSD 10.068

#1 5.8920
#2 7.0451
#3 7.0639

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.3	37549.	3436.0	89.567	3343.2
Stddev	11.4	90.	19.5	2.470	10.2
%RSD	.38046	.23849	.56817	2.7583	.30524

#1	2976.2	37483.	3420.5	91.833	3332.6
#2	2994.9	37512.	3457.9	86.933	3352.9
#3	2996.8	37651.	3429.6	89.933	3344.1

Sample Name: K1203-01 Acquired: 1/22/2019 16:40:10 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BBOD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00808	-.00613	.00586	.00148	-.00108	.01671	.13721	.00000
Stddev	.00215	.00025	.00044	.00171	.00124	.00266	.00027	.00006
%RSD	26.642	4.1554	7.5572	115.60	114.56	15.949	.19463	4494.9

#1	-.00591	-.00636	.00541	.00292	-.00055	.01721	.13743	-.00006
#2	-.00811	-.00585	.00629	.00191	-.00250	.01382	.13730	.00001
#3	-.01021	-.00618	.00587	-.00040	-.00020	.01908	.13691	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.34138	.00153	.00421	.01386	.18956	.00882	-.03206
Stddev	.00006	.00902	.00031	.00020	.00114	.01268	.00008	.04740
%RSD	69.106	2.6424	20.516	4.8478	8.2554	6.6897	.91168	147.84

#1	.00005	.33533	.00122	.00435	.01518	.18251	.00879	-.01216
#2	.00006	.33706	.00152	.00398	.01313	.20420	.00876	-.08617
#3	.00016	.35174	.00185	.00431	.01327	.18198	.00891	.00214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	.00237	289.33	.00061	.15661	.21985	.00069	.04754
Stddev	.00026	.00065	2.51	.00031	.00344	.00699	.00060	.01476
%RSD	10.007	27.433	.86904	49.865	2.1984	3.1783	85.944	31.056

#1	.00246	.00291	289.46	.00064	.16040	.22770	.00001	.05715
#2	.00292	.00256	291.78	.00091	.15576	.21754	.00112	.03054
#3	.00248	.00165	286.76	.00030	.15368	.21430	.00095	.05494

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15734	.03131	.00016	.00219	.00390	-.0056	.00243	6.5026
Stddev	.00471	.00491	.00049	.00153	.00121	.0016	.00014	.0239
%RSD	2.9929	15.681	299.67	69.962	30.965	29.02	5.8421	.36793

#1	.16096	.03622	.00017	.00067	.00250	-.0075	.00248	6.4840
#2	.15905	.03131	.00065	.00216	.00459	-.0046	.00227	6.4941
#3	.15202	.02640	-.00033	.00374	.00459	-.0047	.00255	6.5296

Sample Name: K1203-01 Acquired: 1/22/2019 16:40:10 Type: Unk
 Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BBOD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8856
 Stddev .3324
 %RSD 5.6475

#1 6.2578
 #2 5.7806
 #3 5.6184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.9	37581.	3394.0	83.689	3338.7
Stddev	.8	76.	17.2	1.746	1.9
%RSD	.02515	.20149	.50808	2.0864	.05809

#1	2999.2	37493.	3379.8	81.733	3340.2
#2	2998.0	37623.	3389.0	84.242	3339.5
#3	2999.5	37625.	3413.2	85.092	3336.5

Sample Name: K1200-01 Acquired: 1/22/2019 16:44:47 Type: Unk
Method: P4-ICP2(v2757) 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	.07258	-.01028	.04353	.00051	-.00881	48.610	.15049
Stddev	.00248	.00310	.00196	.00395	.00227	.087	.00061
%RSD	3.4113	30.141	4.5106	770.18	25.716	.17921	.40463

#1	.07173	-.01342	.04448	-.00309	-.00699	48.612	.15062
#2	.07537	-.01019	.04127	.00473	-.00809	48.696	.15102
#3	.07064	-.00723	.04484	-.00010	-.01135	48.522	.14982

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	.00878	36.187	.08052	.07773	.39414	148.00
Stddev	.00010	.00013	.082	.00059	.00024	.00215	.88
%RSD	4.2479	1.4314	.22681	.73334	.30384	.54440	.59433

#1	-.00234	.00864	36.151	.08012	.07772	.39578	147.89
#2	-.00255	.00887	36.130	.08120	.07751	.39171	147.18
#3	-.00248	.00885	36.281	.08025	.07798	.39493	148.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8876	15.991	.04704	-.00522	10.022	.40543	1.5429
Stddev	.0008	.167	.00078	.00037	.072	.00023	.0090
%RSD	.04266	1.0474	1.6494	7.1008	.71700	.05724	.58380

#1	1.8882	15.980	.04744	-.00494	10.047	.40558	1.5476
#2	1.8880	15.829	.04615	-.00508	9.9407	.40554	1.5325
#3	1.8867	16.163	.04754	-.00564	10.078	.40516	1.5486

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8519	.00459	.31090	2.9396	F 53.225	.00820	1.6458
Stddev	.0755	.00025	.00775	.0033	.070	.00127	.0104
%RSD	1.2893	5.5093	2.4929	.11088	.13234	15.444	.63465

#1	5.8656	.00480	.30204	2.9361	53.208	.00710	1.6561
#2	5.7705	.00431	.31644	2.9426	53.165	.00958	1.6352
#3	5.9195	.00467	.31421	2.9399	53.303	.00791	1.6463

Sample Name: K1200-01 Acquired: 1/22/2019 16:44:47 Type: Unk
Method: P4-ICP2(v2757) 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	.02626	1.250	.15183	5.6533	F<.00000
Stddev	.00151	.004	.00076	.0247	.59843
%RSD	5.7683	.3216	.50201	.43618	.63685
#1	.02671	1.249	.15232	5.6815	-93.329
#2	.02749	1.247	.15222	5.6429	-94.053
#3	.02457	1.254	.15095	5.6356	-94.517
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.1	41276.	3587.7	86.571	3471.9
Stddev	7.5	193.	17.6	.439	3.6
%RSD	.23394	.46838	.48941	.50689	.10410
#1	3206.0	41090.	3567.4	86.279	3468.2
#2	3220.5	41262.	3597.0	87.076	3471.9
#3	3209.7	41476.	3598.6	86.359	3475.4

Sample Name: PB116547BL Acquired: 1/22/2019 16:49:04 Type: Unk
Method: P4-ICP2(v2757) 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	-.00387	-.00082	.00259	.00026	-.00337	.00375	.00289
Stddev	.00187	.00019	.00009	.00122	.00011	.01478	.00029
%RSD	48.316	23.347	3.3648	472.15	3.3195	393.87	10.095

#1	-.00592	-.00104	.00267	.00164	-.00348	.02028	.00288
#2	-.00341	-.00074	.00260	-.00067	-.00325	-.00819	.00260
#3	-.00227	-.00068	.00250	-.00019	-.00338	-.00083	.00319

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00008	.02099	.00048	-.00047	-.00007	.00647
Stddev	.00007	.00004	.02298	.00029	.00017	.00066	.01950
%RSD	1437.6	55.335	109.46	61.043	35.952	898.70	301.67

#1	-.00001	-.00003	.04669	.00034	-.00043	-.00006	.02899
#2	.00007	-.00011	.01387	.00028	-.00033	-.00074	-.00467
#3	-.00007	-.00010	.00242	.00082	-.00066	.00058	-.00492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00215	-.00137	.00235	-.11925	.00056	-.00087
Stddev	.00002	.03397	.00056	.00072	.01484	.00020	.00018
%RSD	50.238	1581.0	41.147	30.460	12.445	34.983	21.014

#1	.00005	-.02829	-.00191	.00247	-.10290	.00038	-.00081
#2	.00005	.03880	-.00141	.00300	-.13187	.00053	-.00072
#3	.00002	-.00406	-.00079	.00158	-.12299	.00077	-.00107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12905	.00043	-.00216	F -.02695	.01279	-.00179	.00238
Stddev	.03730	.00012	.01677	.00380	.00111	.00061	.00183
%RSD	28.901	28.685	775.28	14.098	8.6656	34.295	76.848

#1	-.15154	.00054	-.01112	-.03133	.01190	-.00109	.00303
#2	-.14960	.00030	-.01255	-.02463	.01245	-.00224	.00031
#3	-.08600	.00045	.01718	-.02488	.01403	-.00203	.00379

Sample Name: PB116547BL Acquired: 1/22/2019 16:49:04 Type: Unk
Method: P4-ICP2(v2757) 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	-.00451	-.0060	.00001	F 5.9559	F 5.0786
Stddev	.00208	.0005	.00004	.0506	.2132
%RSD	46.227	8.099	649.83	.84988	4.1975
#1	-.00337	-.0054	-.00004	5.9676	4.9718
#2	-.00691	-.0062	.00004	5.9995	5.3241
#3	-.00324	-.0063	.00001	5.9004	4.9400
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.3	40235.	3416.3	88.103	3686.7
Stddev	4.0	34.	27.9	.289	1.0
%RSD	.12831	.08331	.81570	.32798	.02623
#1	3118.9	40199.	3389.7	88.425	3686.6
#2	3121.3	40266.	3413.8	87.867	3687.7
#3	3126.7	40239.	3445.3	88.017	3685.8

Sample Name: PB116510BL Acquired: 1/22/2019 16:57:40 Type: Unk
Method: P4-ICP2(v2757) 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	-.00431	-.00236	.00179	-.00232	-.00245	-.00232	.00180
Stddev	.00337	.00108	.00116	.00293	.00110	.00351	.00080
%RSD	78.058	45.676	64.668	126.10	45.034	151.69	44.186

#1	-.00359	-.00327	.00303	.00088	-.00134	.00122	.00101
#2	-.00137	-.00117	.00073	-.00297	-.00246	-.00581	.00261
#3	-.00798	-.00265	.00162	-.00487	-.00355	-.00235	.00180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00003	.01522	.00002	-.00024	-.00019	.01516
Stddev	.00012	.00013	.01429	.00052	.00034	.00038	.00171
%RSD	265.54	368.80	93.895	2688.2	142.15	202.20	11.278

#1	.00015	-.00001	-.00091	.00058	.00015	.00006	.01677
#2	.00006	.00008	.02630	-.00045	-.00044	-.00000	.01535
#3	-.00008	-.00017	.02027	-.00007	-.00042	-.00062	.01337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01007	-.00104	.00116	-.19328	.00036	-.00118
Stddev	.00001	.03809	.00051	.00058	.01184	.00056	.00008
%RSD	64.370	378.04	48.867	50.333	6.1240	153.15	6.5741

#1	.00002	.01621	-.00162	.00182	-.19424	.00022	-.00114
#2	.00003	.04472	-.00082	.00072	-.20460	-.00010	-.00127
#3	.00001	-.03070	-.00067	.00093	-.18099	.00098	-.00113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14650	.00049	.00007	F -.02934	.01224	-.00144	-.00125
Stddev	.06459	.00023	.01150	.00300	.00204	.00056	.00289
%RSD	44.084	45.867	16161.	10.209	16.693	38.987	230.77

#1	-.07238	.00049	.00645	-.03038	.01446	-.00174	-.00347
#2	-.19069	.00027	.00697	-.02597	.01043	-.00179	-.00231
#3	-.17644	.00072	-.01321	-.03168	.01183	-.00079	.00202

Sample Name: PB116510BL Acquired: 1/22/2019 16:57:40 Type: Unk
Method: P4-ICP2(v2757) 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	-.00567	-.0064	.00019	F 5.8480	F 4.5078
Stddev	.00070	.0001	.00019	.0321	1.1040
%RSD	12.399	2.067	97.015	.54930	24.491
#1	-.00639	-.0064	.00037	5.8600	5.7600
#2	-.00565	-.0064	.00021	5.8725	4.0889
#3	-.00498	-.0062	-.00000	5.8117	3.6746
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.4	40699.	3473.9	88.672	3757.9
Stddev	30.2	219.	15.4	.607	21.1
%RSD	.94436	.53720	.44411	.68472	.56082
#1	3184.8	40609.	3460.0	88.742	3743.5
#2	3175.5	40539.	3471.3	88.033	3748.1
#3	3231.8	40948.	3490.5	89.242	3782.1

Sample Name: PB116521BS Acquired: 1/22/2019 17:02:07 Type: Unk
Method: P4-ICP2(v2757) 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	.82352	1.8394	1.0008	2.0743	.83718	2.1803	.19158	.20606
Stddev	.00228	.0107	.0039	.0199	.00520	.0231	.00168	.00073
%RSD	.27726	.58246	.39196	.95898	.62167	1.0612	.87627	.35665

#1	.82156	1.8323	.99634	2.0514	.83118	2.1562	.19237	.20633
#2	.82297	1.8341	1.0026	2.0856	.83996	2.1824	.19271	.20662
#3	.82602	1.8517	1.0036	2.0860	.84040	2.2023	.18965	.20523

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18938	.99047	.43103	.20613	.32015	3.3876	.21796	1.6195
Stddev	.00049	.01889	.00235	.00049	.00200	.0667	.00040	.0642
%RSD	.25957	1.9073	.54476	.23905	.62557	1.9692	.18456	3.9637

#1	.18922	.99154	.43315	.20600	.31807	3.3317	.21769	1.6505
#2	.18898	1.0088	.43143	.20571	.32034	3.3698	.21843	1.5457
#3	.18993	.97107	.42851	.20667	.32206	3.4615	.21778	1.6623

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45562	.08390	2.3150	.27970	.21631	8.9879	.38842	.25975
Stddev	.00246	.00046	.0263	.00107	.00394	.0458	.00206	.01689
%RSD	.54085	.54698	1.1375	.38201	1.8220	.50984	.53106	6.5019

#1	.45331	.08440	2.3056	.27850	.21401	9.0354	.38604	.27727
#2	.45532	.08381	2.3448	.28009	.21406	8.9440	.38962	.24358
#3	.45822	.08349	2.2947	.28052	.22086	8.9842	.38961	.25841

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03469	.81512	.69416	.20661	.18384	5.282	.20448	6.1060
Stddev	.00212	.01455	.00392	.00181	.00234	.012	.00049	.0585
%RSD	6.1081	1.7851	.56495	.87837	1.2734	.2280	.24185	.95821

#1	-.03714	.83062	.69058	.20871	.18262	5.274	.20391	6.0710
#2	-.03355	.80176	.69355	.20560	.18654	5.277	.20480	6.1736
#3	-.03338	.81296	.69835	.20553	.18236	5.296	.20474	6.0734

Sample Name: PB116521BS Acquired: 1/22/2019 17:02:07 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.50194
%RSD	63.871

#1	-.36427
#2	-1.3411
#3	-.65221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3143.6	39713.	3393.0	86.528	3639.8
Stddev	10.8	106.	18.8	1.316	3.2
%RSD	.34494	.26735	.55538	1.5213	.08742

#1	3154.1	39807.	3373.1	87.142	3636.2
#2	3132.5	39598.	3395.2	87.425	3640.8
#3	3144.2	39734.	3410.6	85.017	3642.3

Sample Name: PB116547BS Acquired: 1/22/2019 17:11:35 Type: Unk
Method: P4-ICP2(v2757) 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	.85991	1.9357	1.0492	2.1819	.88322	2.2844	.20340
Stddev	.00488	.0025	.0040	.0063	.00478	.0276	.00194
%RSD	.56739	.12739	.37865	.28793	.54109	1.2067	.95152
#1	.86176	1.9368	1.0502	2.1793	.88710	2.2812	.20333
#2	.85438	1.9329	1.0448	2.1891	.87789	2.2586	.20537
#3	.86359	1.9375	1.0525	2.1773	.88469	2.3135	.20151
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21761	.19771	1.0301	.45027	.21565	.33766	3.5124
Stddev	.00079	.00084	.0116	.00273	.00054	.00193	.0455
%RSD	.36385	.42344	1.1216	.60645	.24842	.57068	1.2948
#1	.21670	.19737	1.0406	.44779	.21540	.33934	3.5044
#2	.21818	.19710	1.0178	.45320	.21528	.33556	3.4714
#3	.21793	.19867	1.0320	.44982	.21627	.33807	3.5613
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22923	1.7123	.47601	.08719	2.4736	.29340	.22425
Stddev	.00011	.0875	.00115	.00071	.0276	.00155	.00256
%RSD	.04633	5.1078	.24112	.81720	1.1147	.52807	1.1415
#1	.22925	1.8130	.47502	.08759	2.4971	.29369	.22392
#2	.22911	1.6557	.47574	.08637	2.4805	.29172	.22188
#3	.22931	1.6681	.47727	.08761	2.4433	.29478	.22696
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5933	.40729	.27061	F -.03607	.86713	.72034	.21795
Stddev	.0737	.00056	.02032	.00213	.00363	.00186	.00363
%RSD	.76798	.13722	7.5074	5.9118	.41907	.25783	1.6659
#1	9.6662	.40763	.24925	-.03815	.86578	.71829	.21604
#2	9.5189	.40760	.28969	-.03389	.87125	.72190	.22213
#3	9.5949	.40665	.27290	-.03617	.86437	.72084	.21567

Sample Name: PB116547BS Acquired: 1/22/2019 17:11:35 Type: Unk
Method: P4-ICP2(v2757) 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	.19528	5.513	.21671	F 5.8016	F<.00000
Stddev	.00238	.011	.00103	.0556	.64280
%RSD	1.2187	.2055	.47449	.95915	94.416
#1	.19797	5.522	.21606	5.8633	.05759
#2	.19344	5.500	.21790	5.7552	-1.1152
#3	.19444	5.516	.21618	5.7865	-.98483
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.6	40533.	3434.6	89.017	3713.8
Stddev	15.5	81.	18.3	.721	9.0
%RSD	.48668	.20101	.53284	.81030	.24307
#1	3172.1	40441.	3419.0	88.750	3704.0
#2	3190.9	40563.	3430.1	89.833	3721.7
#3	3202.9	40596.	3454.7	88.467	3715.9

Sample Name: CCB04 Acquired: 1/22/2019 17:42:32 Type: Unk
 Method: P4-ICP2(v2757) 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	-.00335	-.00024	F .00350	-.00053	-.00107	.01013	.00137
Stddev	.00486	.00114	.00084	.00318	.00090	.00870	.00027
%RSD	144.75	466.85	24.093	605.15	83.857	85.893	19.420

#1	.00198	.00107	.00437	.00196	-.00202	.00017	.00135
#2	-.00752	-.00100	.00345	.00057	-.00095	.01394	.00111
#3	-.00453	-.00080	.00269	-.00411	-.00024	.01626	.00164

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00005	-.00824	.00032	-.00052	.00003	-.00071
Stddev	.00004	.00013	.02556	.00057	.00014	.00037	.01654
%RSD	279.67	283.43	310.04	175.89	27.186	1458.2	2327.9

#1	.00006	.00019	.01875	-.00032	-.00045	-.00036	.01423
#2	.00000	-.00004	-.01141	.00075	-.00042	.00006	-.01848
#3	-.00002	-.00002	-.03207	.00053	-.00068	.00037	.00211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00703	-.00081	.00140	-.24321	.00066	-.00103
Stddev	.00002	.08134	.00049	.00011	.00428	.00029	.00002
%RSD	96.161	1157.5	60.250	7.6764	1.7605	44.601	2.4095

#1	-.00001	-.01360	-.00090	.00148	-.24049	.00068	-.00104
#2	-.00004	-.08488	-.00028	.00143	-.24099	.00093	-.00100
#3	-.00001	.07740	-.00124	.00127	-.24814	.00035	-.00105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15902	.00025	.00481	F -.03678	.01290	-.00060	-.00060
Stddev	.02289	.00015	.01413	.00139	.00316	.00070	.00408
%RSD	14.397	60.060	293.79	3.7841	24.521	118.13	680.03

#1	-.13477	.00031	.00597	-.03763	.01187	-.00065	-.00516
#2	-.18026	.00036	.01832	-.03518	.01037	.00014	.00068
#3	-.16203	.00008	-.00986	-.03754	.01644	-.00127	.00269

Sample Name: CCB04 Acquired: 1/22/2019 17:42:32 Type: Unk
 Method: P4-ICP2(v2757) 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	-0.00319	-0.0064	.00013	F 5.5483	F 4.6246
Stddev	.00122	.0008	.00017	.1027	.3076
%RSD	38.272	12.88	129.53	1.8503	6.6524
#1	-0.00211	-0.0071	.00005	5.6567	4.5059
#2	-0.00295	-0.0067	.00033	5.5357	4.3939
#3	-0.00451	-0.0055	.00002	5.4526	4.9739
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.1	41587.	3485.1	90.914	3858.3
Stddev	17.1	165.	9.6	1.403	11.0
%RSD	.52497	.39727	.27412	1.5427	.28487
#1	3254.2	41414.	3475.8	92.183	3851.3
#2	3284.8	41602.	3484.5	89.408	3871.0
#3	3256.2	41744.	3494.9	91.150	3852.7

Sample Name: CCV04 Acquired: 1/22/2019 17:38:26 Type: Unk
Method: P4-ICP2(v2757) 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	5.3250	4.6989	5.1319	5.2956	5.3666	10.977	9.4096	.26217
Stddev	.0300	.0077	.0074	.0256	.0128	.095	.0675	.00043
%RSD	.56275	.16500	.14478	.48269	.23931	.86149	.71708	.16236
#1	5.3572	4.6910	5.1376	5.3093	5.3799	10.879	9.4407	.26183
#2	5.2979	4.7065	5.1235	5.2661	5.3543	11.067	9.3322	.26264
#3	5.3200	4.6993	5.1346	5.3114	5.3656	10.985	9.4559	.26202
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4478	24.845	1.0559	2.5789	1.2721	4.6746	2.6236	23.948
Stddev	.0026	.065	.0047	.0021	.0033	.0880	.0014	.042
%RSD	.10599	.26074	.44439	.07951	.26021	1.8828	.05320	.17460
#1	2.4499	24.776	1.0526	2.5789	1.2759	4.6143	2.6239	23.905
#2	2.4449	24.854	1.0613	2.5769	1.2703	4.6340	2.6221	23.988
#3	2.4486	24.905	1.0539	2.5810	1.2701	4.7756	2.6249	23.952
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2976	1.2756	23.843	2.3380	2.6558	23.109	4.8868	4.5103
Stddev	.0030	.0039	.191	.0030	.0444	.104	.0121	.0357
%RSD	.12979	.30274	.80049	.12802	1.6710	.44920	.24772	.79186
#1	2.2977	1.2732	23.940	2.3365	2.6225	23.179	4.8972	4.5276
#2	2.2946	1.2801	23.623	2.3415	2.6388	22.989	4.8735	4.5341
#3	2.3006	1.2737	23.965	2.3361	2.7062	23.157	4.8898	4.4692
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5275	F 4.3177	5.0566	5.1581	4.7429	4.883	5.2225	F 6.0279
Stddev	.0121	.0397	.0089	.0147	.0352	.014	.0302	.0209
%RSD	.26637	.91871	.17599	.28600	.74242	.2920	.57879	.34678
#1	4.5150	4.3609	5.0668	5.1746	4.7624	4.888	5.2437	6.0056
#2	4.5391	4.2829	5.0510	5.1461	4.7023	4.867	5.1879	6.0309
#3	4.5285	4.3093	5.0519	5.1537	4.7641	4.893	5.2359	6.0471

Sample Name: CCV04 Acquired: 1/22/2019 17:38:26 Type: Unk
Method: P4-ICP2(v2757) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.5516
Stddev	.2435
%RSD	5.3496

#1	4.6274
#2	4.7482
#3	4.2792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.2	39820.	3447.0	86.977	3465.3
Stddev	11.4	93.	30.5	1.405	7.7
%RSD	.35926	.23280	.88588	1.6156	.22150

#1	3148.0	39915.	3420.7	87.982	3456.7
#2	3170.4	39814.	3480.5	87.578	3471.4
#3	3162.1	39730.	3439.7	85.372	3467.8