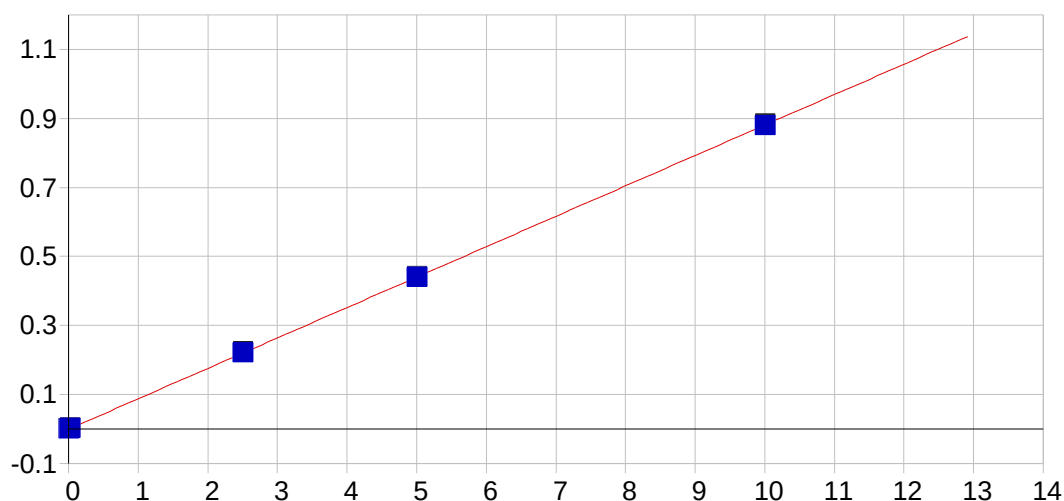




As 189.042 {478}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000516

Re-Slope: 1.000000

A1 (Gain): 0.088135

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999988

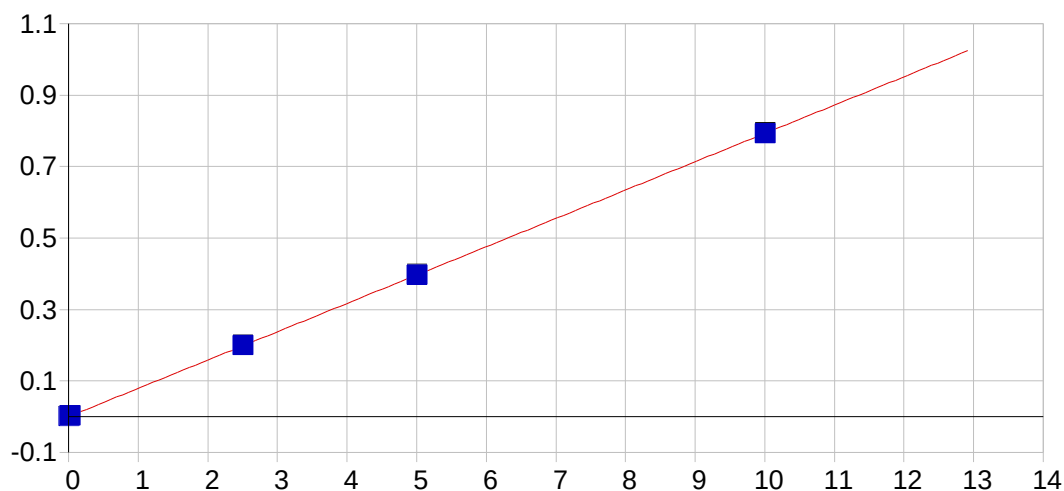
Status: OK.

Std Error of Est: 0.000010

Predicted MDL: 0.002343

Predicted MQL: 0.007809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00052	.000	1
S1	.02000	.02212	.002	10.6	.00143	.000	1
S3	2.5000	2.5195	.020	.780	.22153	.000	1
S4	5.0000	4.9880	-.012	-.239	.43908	.002	1
S5	10.000	9.9903	-.010	-.097	.87992	.002	1



As 189.042 {479}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

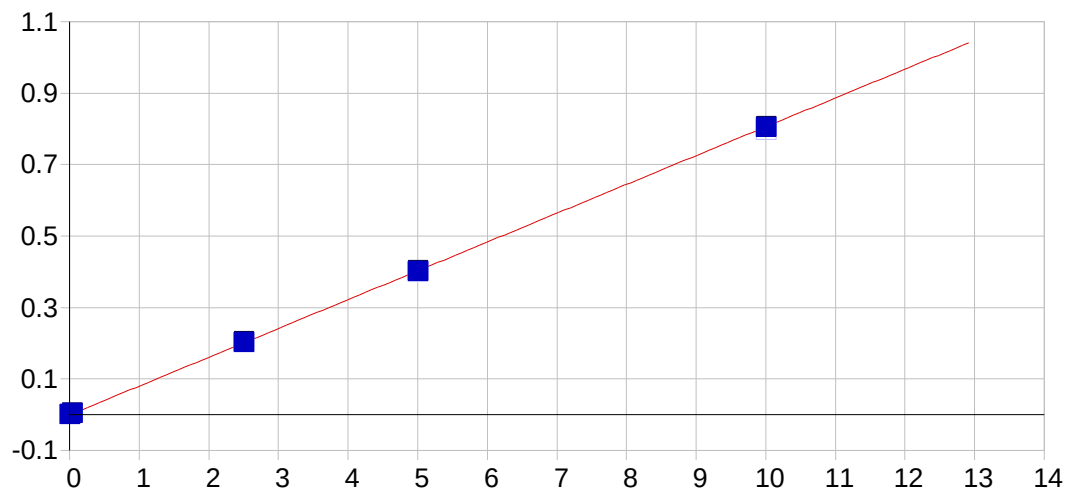
Weighting: 1/Conc

A0 (Offset): -0.000012

Re-Slope: 1.000000

A1 (Gain): 0.079295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001907
 Predicted MQL: 0.006356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.02000	.02179	.002	8.97	.00172	.000	1
S3	2.5000	2.5160	.016	.640	.19950	.000	1
S4	5.0000	4.9959	-.004	-.081	.39614	.001	1
S5	10.000	9.9863	-.014	-.137	.79186	.002	1

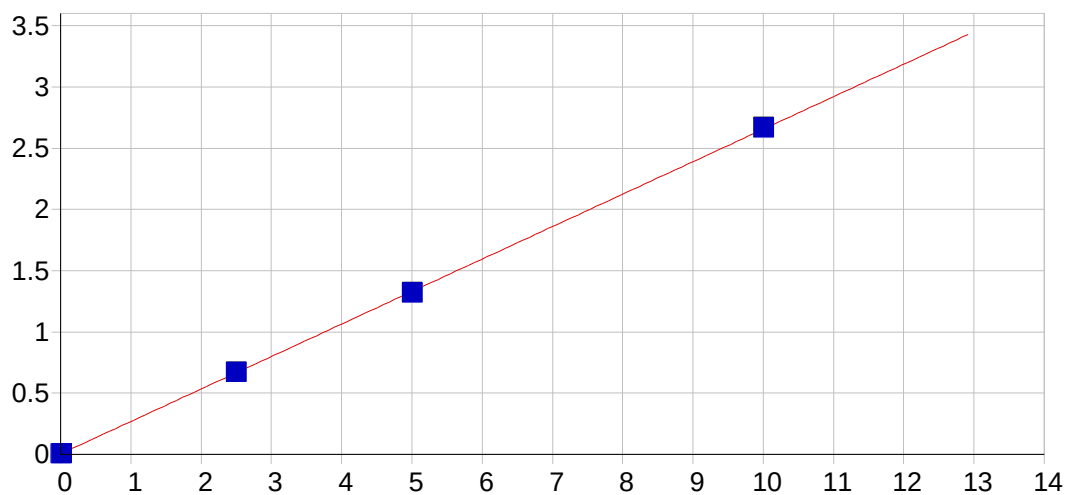


TI 190.856 {477}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000551 Re-Slope: 1.000000
 A1 (Gain): 0.080643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001630
 Predicted MQL: 0.005432

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00055	.000	1
S1	.04000	.04774	.008	19.4	.00321	.000	1
S3	2.5000	2.5259	.026	1.03	.20107	.000	1
S4	5.0000	4.9820	-.018	-.360	.39707	.002	1
S5	10.000	9.9845	-.015	-.155	.79636	.002	1

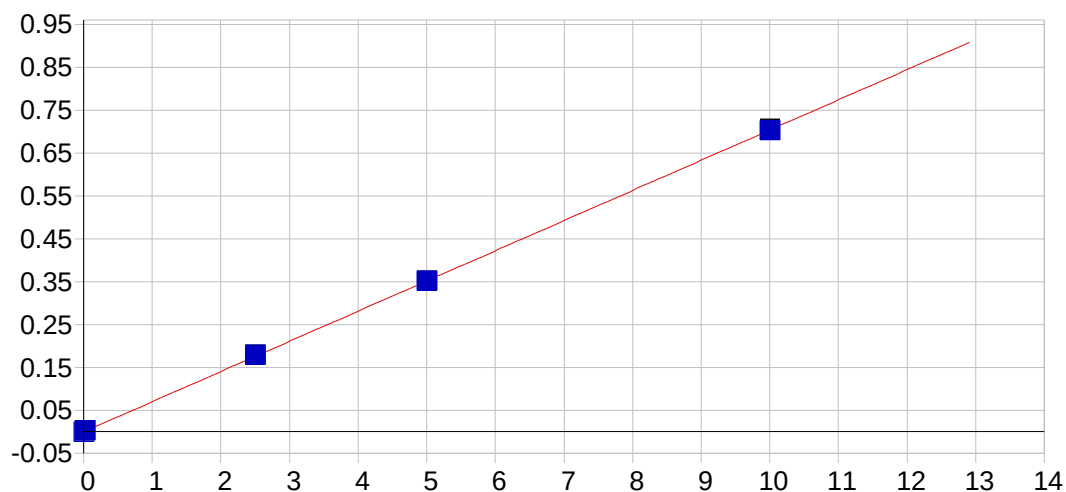


Pb 220.353 {453}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003835 Re-Slope: 1.000000
 A1 (Gain): 0.265095 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.000833
 Predicted MQL: 0.002778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00383	.000	1
S1	.01200	.01415	.002	17.9	.00753	.000	1
S3	2.5000	2.5064	.006	.257	.66741	.001	1
S4	5.0000	4.9514	-.049	-.973	1.3147	.003	1
S5	10.000	10.040	.040	.401	2.6620	.002	1



Se 196.090 {472}

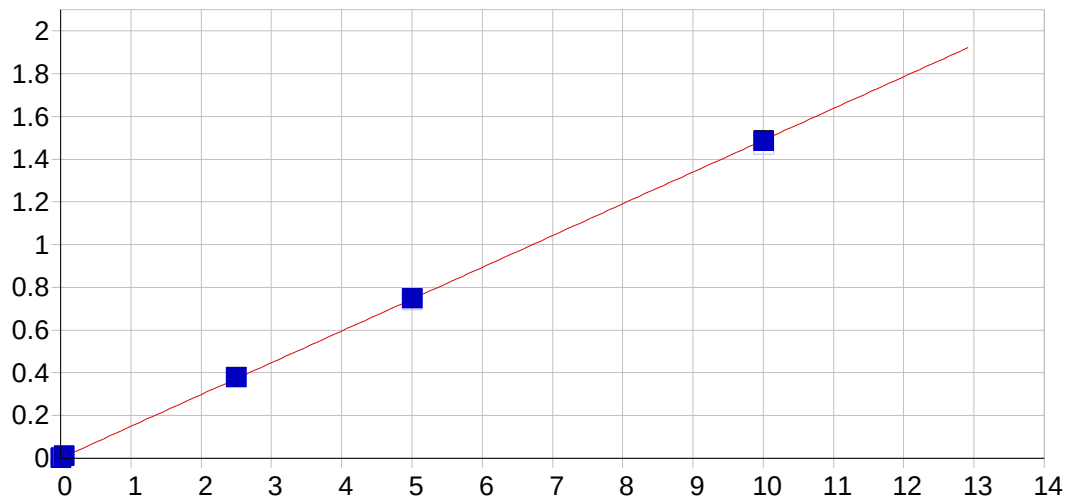
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.070357 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000011
 Predicted MDL: 0.002695
 Predicted MQL: 0.008984

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02272	.003	13.6	.00153	.000	1
S3	2.5000	2.5268	.027	1.07	.17770	.000	1
S4	5.0000	4.9924	-.008	-.153	.35114	.001	1
S5	10.000	9.9781	-.022	-.219	.70188	.003	1



Sb 206.833 {463}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

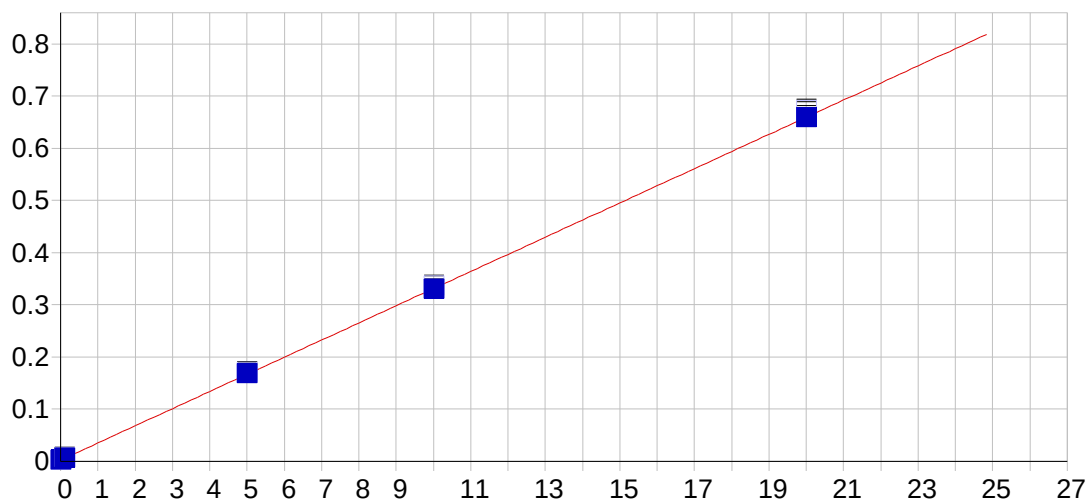
Weighting: 1/Conc

A0 (Offset): 0.000734
 A1 (Gain): 0.148805
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000072
 Predicted MDL: 0.001531
 Predicted MQL: 0.005102

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	.00073	.000	1
S1	.05000	.06073	.011	21.5	.00958	.000	1
S3	2.5000	2.5300	.030	1.20	.37303	.000	1
S4	5.0000	4.9995	-.001	-.010	.73632	.002	1
S5	10.000	9.9599	-.040	-.401	1.4661	.003	1

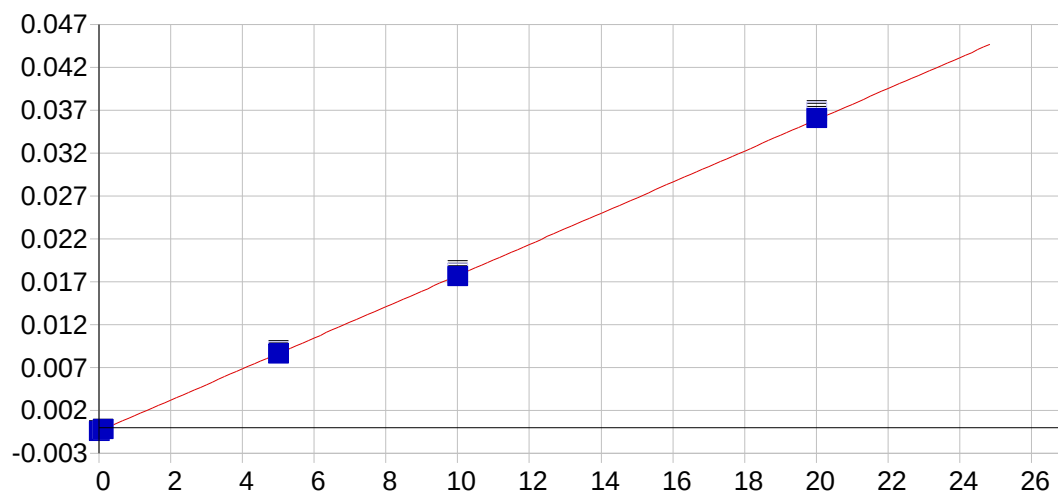


AI 308.215 {109}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002523 Re-Slope: 1.000000
 A1 (Gain): 0.032861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002524
 Predicted MQL: 0.008413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00252	.000	1
S1	.10000	.12633	.026	26.3	.00690	.001	1
S3	5.0000	5.0265	.027	.531	.17097	.000	1
S4	10.000	9.9563	-.044	-.437	.33624	.001	1
S5	20.000	19.990	-.010	-.052	.67250	.003	1



AI 309.271 {109}

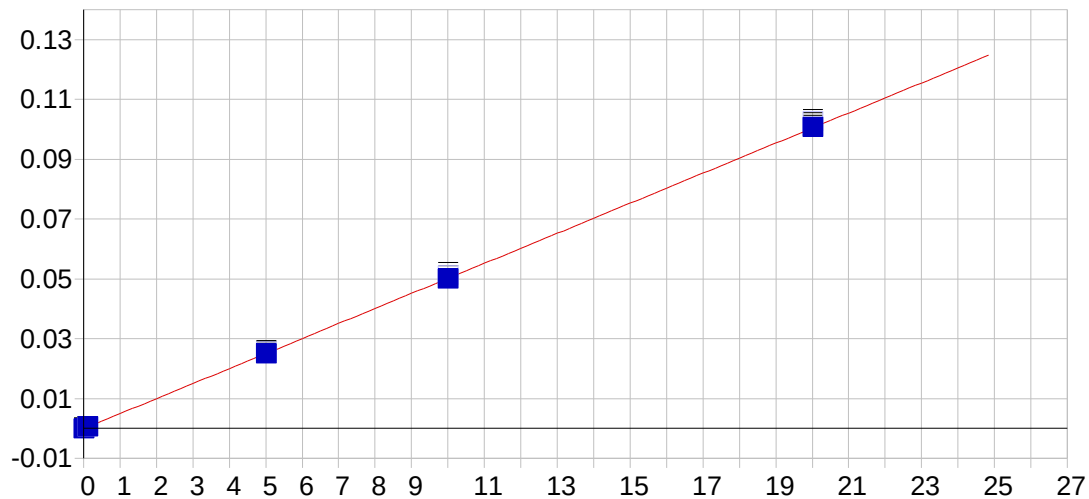
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000433 Re-Slope: 1.000000
 A1 (Gain): 0.001816 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000001
 Predicted MDL: 0.027721
 Predicted MQL: 0.092404

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.10000	.09576	-.004	-4.24	-.00025	.000	1
S3	5.0000	4.9668	-.033	-.664	.00877	.000	1
S4	10.000	9.9457	-.054	-.543	.01799	.000	1
S5	20.000	20.092	.092	.460	.03677	.000	1



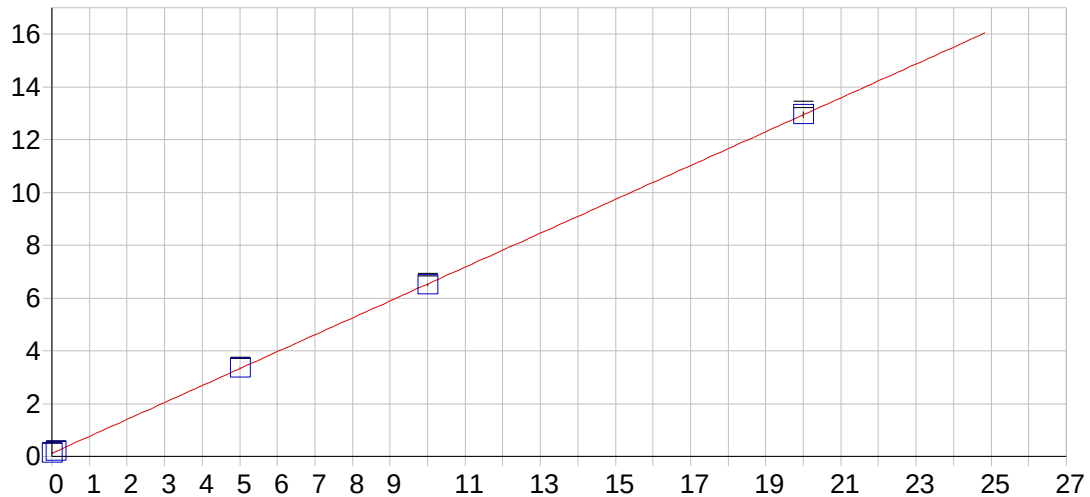
AI 396.152 { 85}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000111 Re-Slope: 1.000000
 A1 (Gain): 0.005026 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000003
 Predicted MDL: 0.014723
 Predicted MQL: 0.049076

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.10000	.11257	.013	12.6	.00049	.000	1
S3	5.0000	4.9876	-.012	-.248	.02546	.001	1
S4	10.000	9.9607	-.039	-.393	.05095	.001	1
S5	20.000	20.039	.039	.193	.10261	.001	1

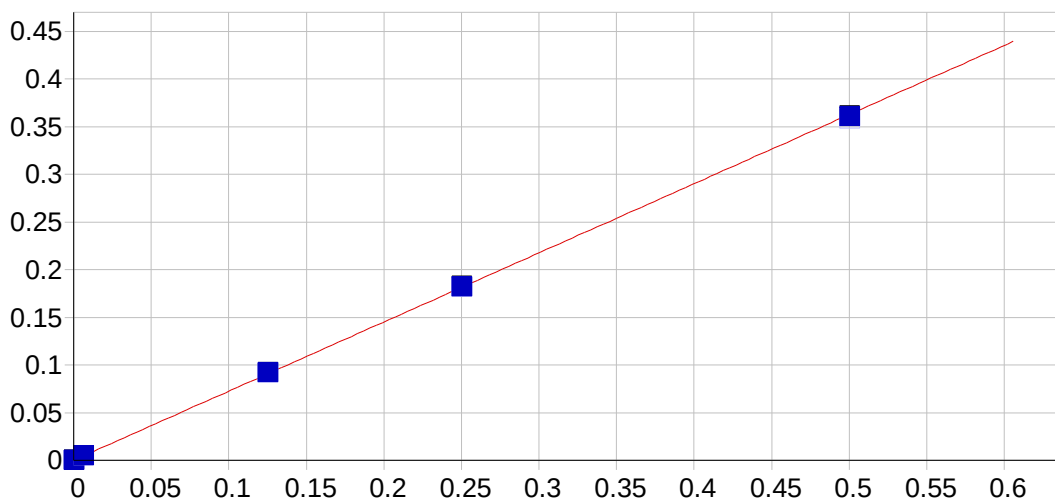


Ba 493.409 { 68}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.119249 Re-Slope: 1.000000
 A1 (Gain): 0.641209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000525
 Predicted MDL: 0.004707
 Predicted MQL: 0.015692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.11924	.002	1
S1	.10000	.11886	.019	18.9	.19547	.001	1
S3	5.0000	5.0335	.033	.670	3.3468	.017	1
S5	20.000	19.997	-.003	-.014	12.942	.119	1
S4	10.000	9.9505	-.049	-.495	6.4996	.052	1



Be 234.861 {144}

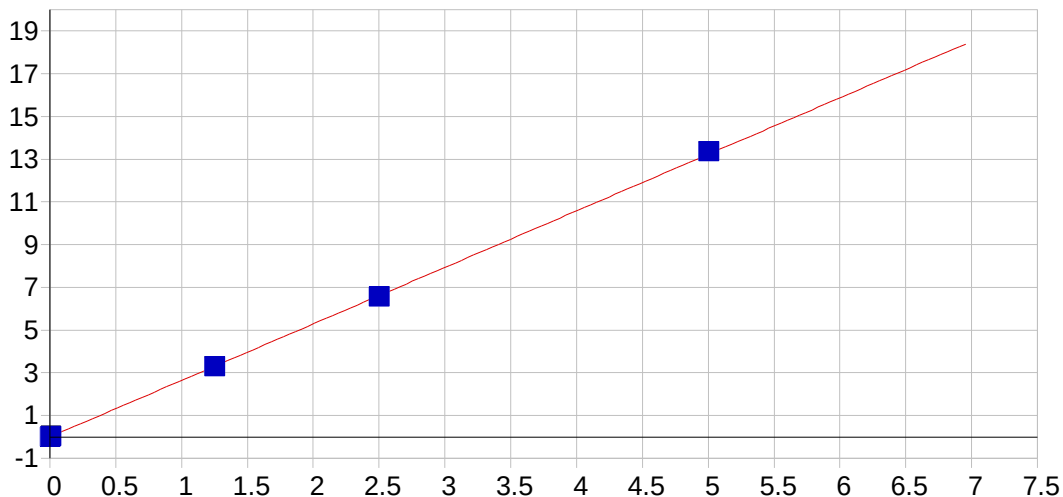
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.725351 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000024
 Predicted MDL: 0.000063
 Predicted MQL: 0.000209

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	.00662	.001	10.4	.00479	.000	1
S3	.12500	.12650	.002	1.20	.09122	.000	1
S4	.25000	.25106	.001	.425	.18099	.000	1
S5	.50000	.49681	-.003	-.637	.35811	.001	1

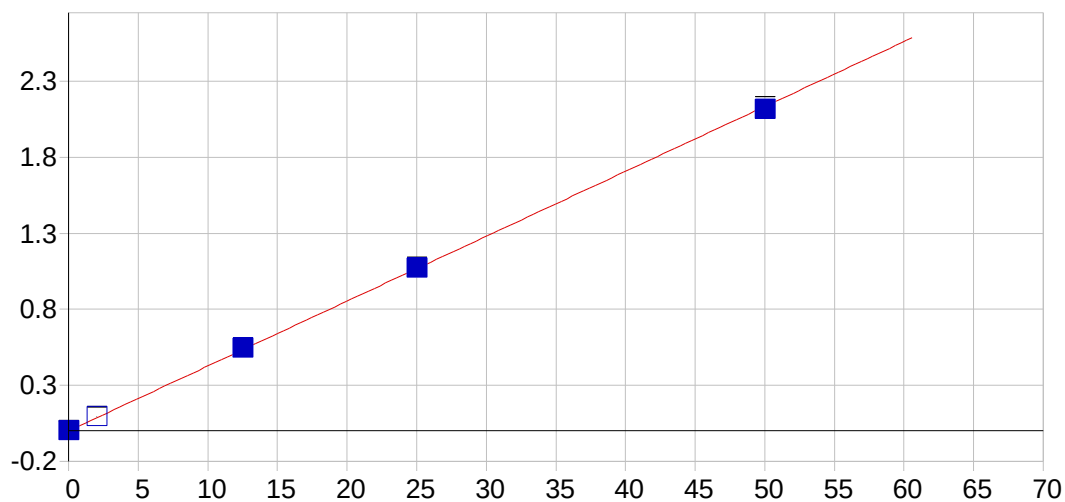


Cd 226.502 {449}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001307 Re-Slope: 1.000000
 A1 (Gain): 2.645909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.000087
 Predicted MQL: 0.000289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00131	.000	1
S1	.00600	.00624	.000	4.07	.01524	.000	1
S3	1.2500	1.2368	-.013	-1.05	3.2720	.005	1
S4	2.5000	2.4711	-.029	-1.16	6.5385	.019	1
S5	5.0000	5.0418	.042	.837	13.342	.015	1

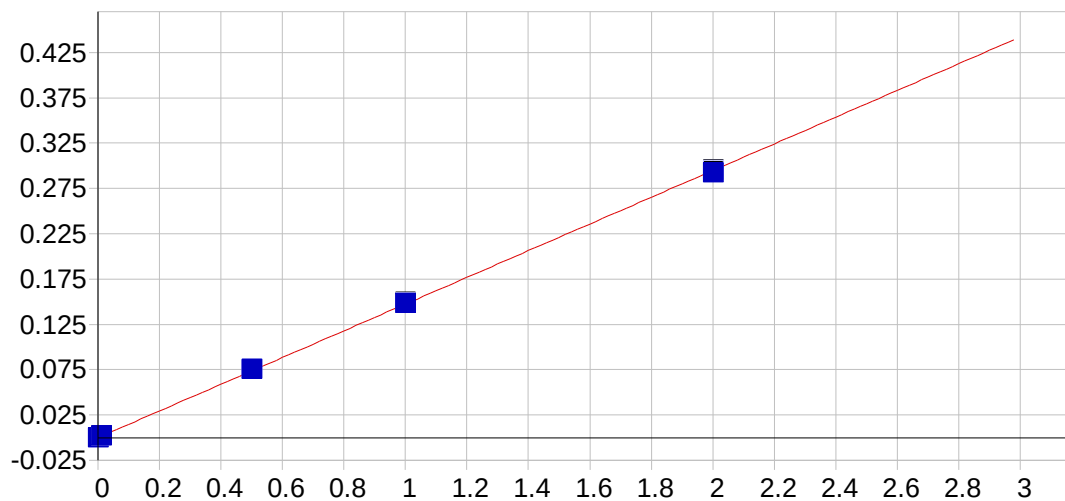


Ca 373.690 { 90}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000440 Re-Slope: 1.000000
 A1 (Gain): 0.042665 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000370
 Predicted MDL: 0.019699
 Predicted MQL: 0.065665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1677	.168	8.38	.09292	.001	1
S0	.00000	-.00019	-.000	.000	.00043	.001	1
S3	12.500	12.722	.222	1.78	.54350	.003	1
S4	25.000	25.078	.078	.311	1.0710	.005	1
S5	50.000	49.533	-.467	-.935	2.1149	.017	1



Cr 267.716 {126}

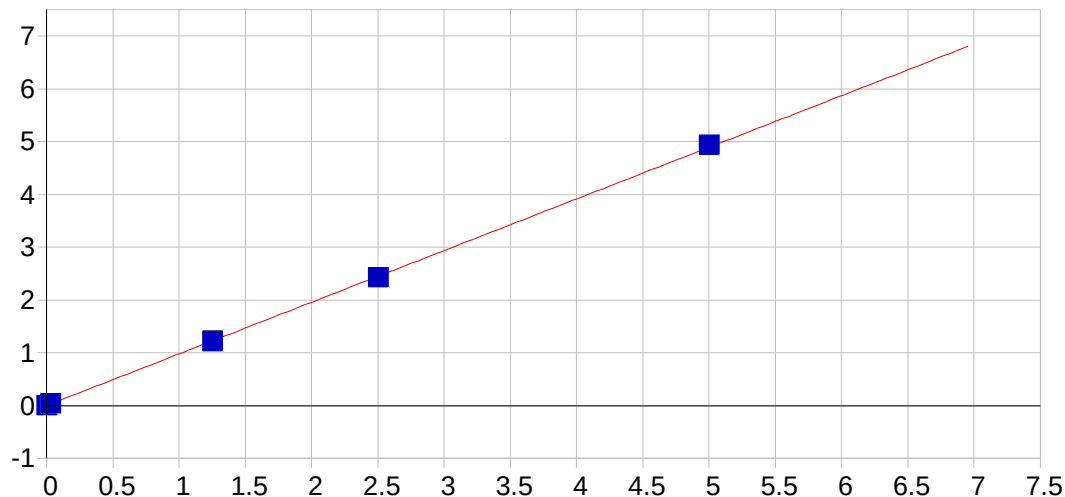
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.147362 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926
 Std Error of Est: 0.000014
 Predicted MDL: 0.000418
 Predicted MQL: 0.001394

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01124	.001	12.4	.00162	.000	1
S3	.50000	.51088	.011	2.18	.07579	.000	1
S4	1.0000	1.0037	.004	.371	.14896	.001	1
S5	2.0000	1.9842	-.016	-.791	.29455	.001	1



Co 228.616 {447}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

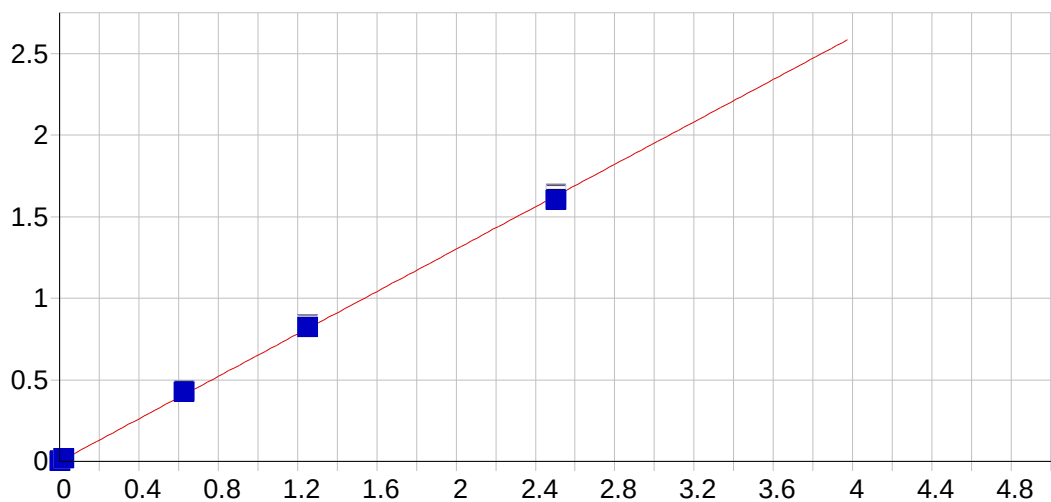
Weighting: 1/Conc

A0 (Offset): 0.000023
 A1 (Gain): 0.978505
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895
 Std Error of Est: 0.000297
 Predicted MDL: 0.000216
 Predicted MQL: 0.000719

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	.00002	.000	1
S1	.03000	.03537	.005	17.9	.03444	.000	1
S3	1.2500	1.2382	-.012	-.944	1.2126	.001	1
S4	2.5000	2.4664	-.034	-1.35	2.4153	.008	1
S5	5.0000	5.0401	.040	.802	4.9356	.003	1

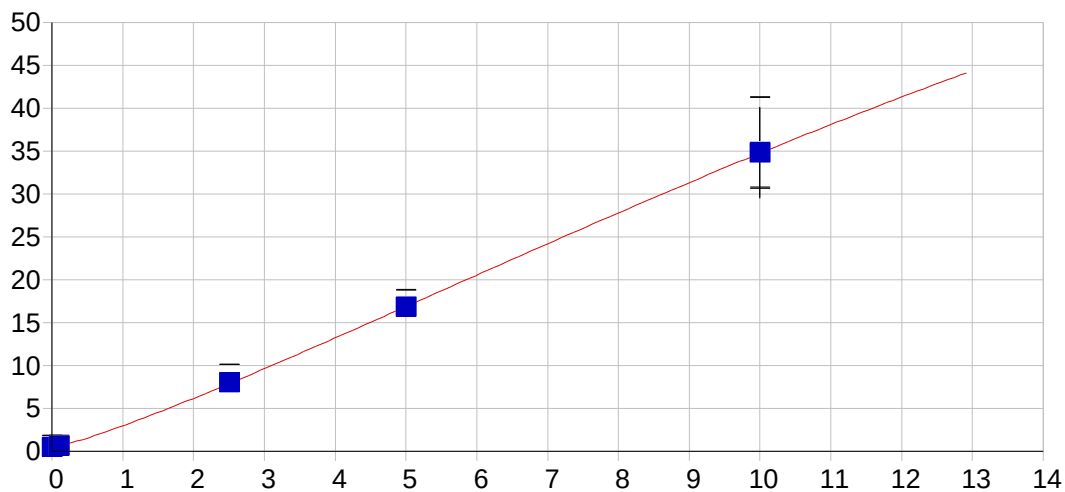


Cu 224.700 {450}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.650151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.000469
 Predicted MQL: 0.001565

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.02000	.02376	.004	18.8	.01620	.000	1
S3	.62500	.64890	.024	3.82	.42994	.002	1
S4	1.2500	1.2610	.011	.880	.83544	.001	1
S5	2.5000	2.4613	-.039	-1.55	1.6309	.003	1



Fe 240.488 {140}

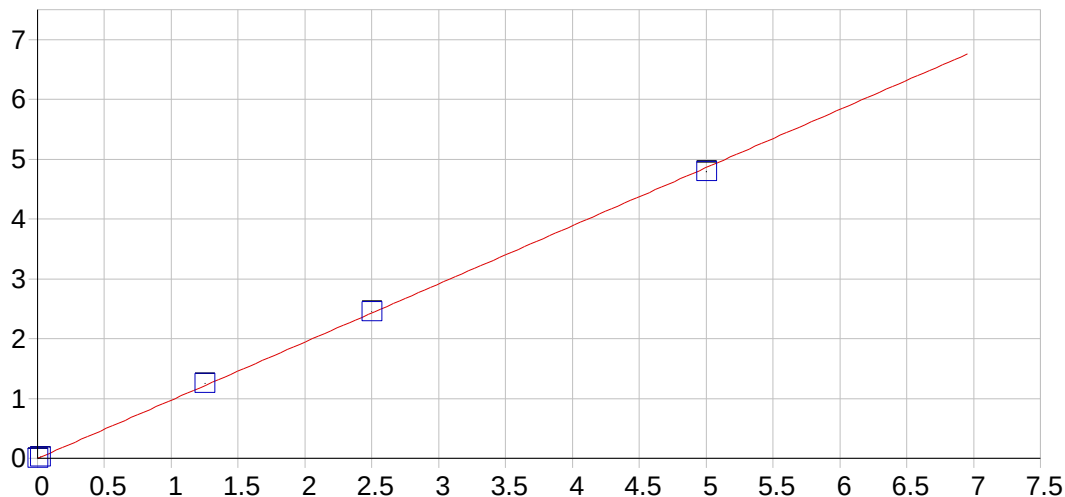
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.445921 Re-Slope: 1.000000
 A1 (Gain): 2.548904 Y-int: 0.000000

A2 (Curvature): -0.024185
 n (Exponent): 1.200000
 Correlation: 0.999940
 Std Error of Est: 0.003436
 Predicted MDL: 0.022107
 Predicted MQL: 0.073689

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.44596	.200	1
S1	.10000	.07603	-.024	-24.0	.56287	.080	1
S3	2.5000	2.5229	.023	.918	7.9933	.979	1
S4	5.0000	4.9828	-.017	-.343	16.880	.776	1
S5	10.000	10.004	.004	.037	34.909	5.27	1



Mn 257.610 {131}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

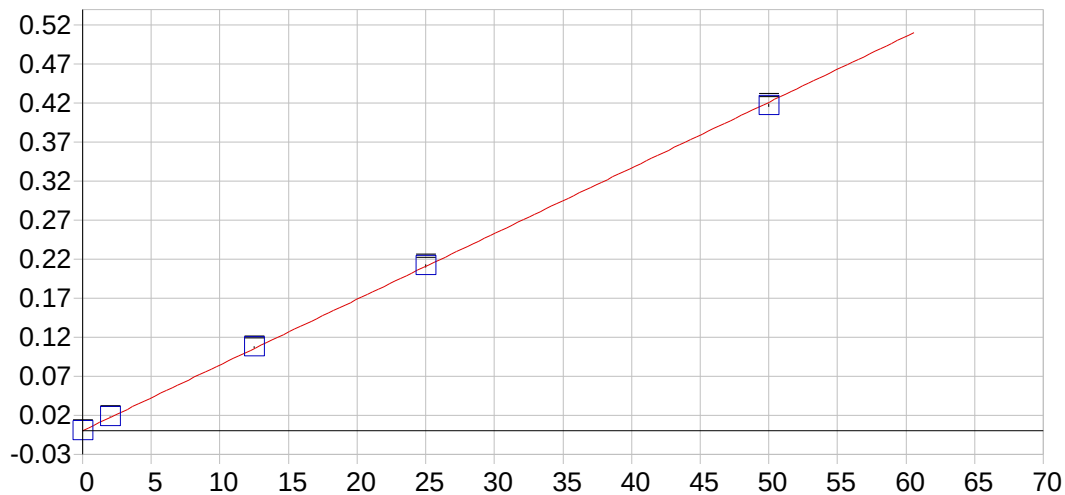
Weighting: 1/Conc

A0 (Offset): 0.000127
 A1 (Gain): 0.971961
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806
 Std Error of Est: 0.000327
 Predicted MDL: 0.000058
 Predicted MQL: 0.000195

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	.00012	.000	1
S1	.02000	.02440	.004	22.0	.02384	.000	1
S3	1.2500	1.2901	.040	3.21	1.2541	.001	1
S4	2.5000	2.5237	.024	.946	2.4530	.007	1
S5	5.0000	4.9318	-.068	-1.36	4.7937	.007	1

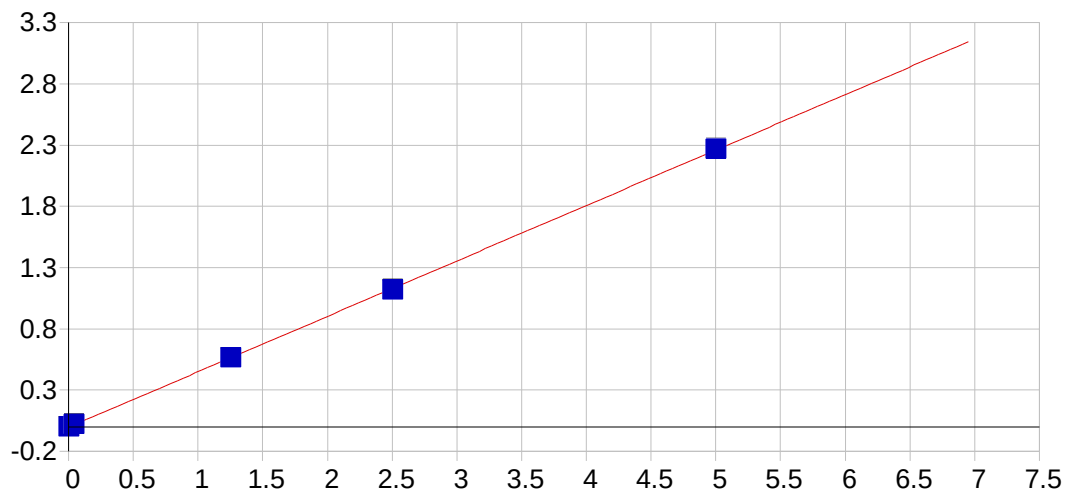


Mg 279.079 {121}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000405 Re-Slope: 1.000000
 A1 (Gain): 0.008418 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.048158
 Predicted MQL: 0.160528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1784	.178	8.92	.01874	.001	1
S0	.00000	-.00020	-.000	.000	.00040	.000	1
S3	12.500	12.707	.207	1.66	.10738	.001	1
S4	25.000	25.084	.084	.335	.21157	.002	1
S5	50.000	49.530	-.470	-.939	.41737	.002	1



Ni 231.604 {445}

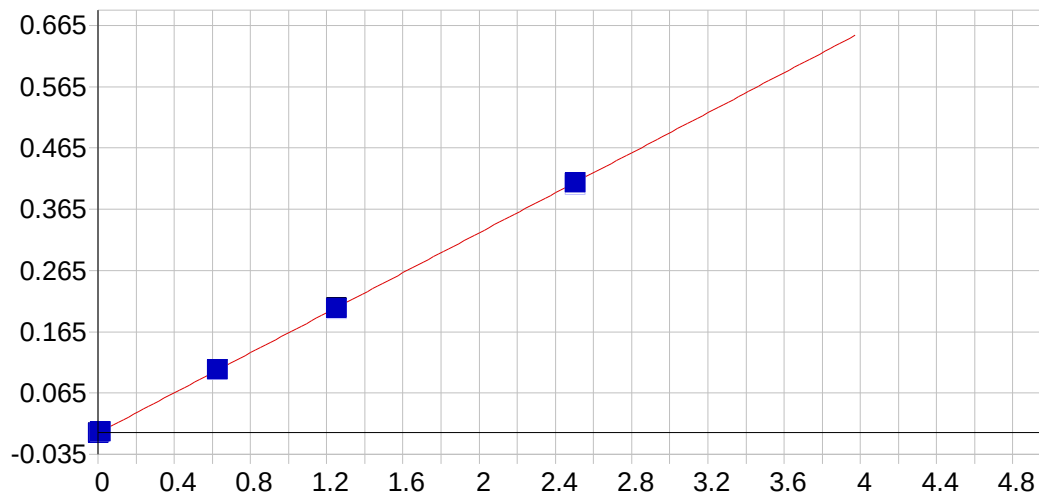
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003363 Re-Slope: 1.000000
 A1 (Gain): 0.452750 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000130
 Predicted MDL: 0.000434
 Predicted MQL: 0.001447

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00337	.000	1
S1	.04000	.04618	.006	15.4	.01755	.000	1
S3	1.2500	1.2481	-.002	-.149	.56235	.001	1
S4	2.5000	2.4768	-.023	-.927	1.1193	.002	1
S5	5.0000	5.0189	.019	.377	2.2714	.002	1



Ag 328.068 {103}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

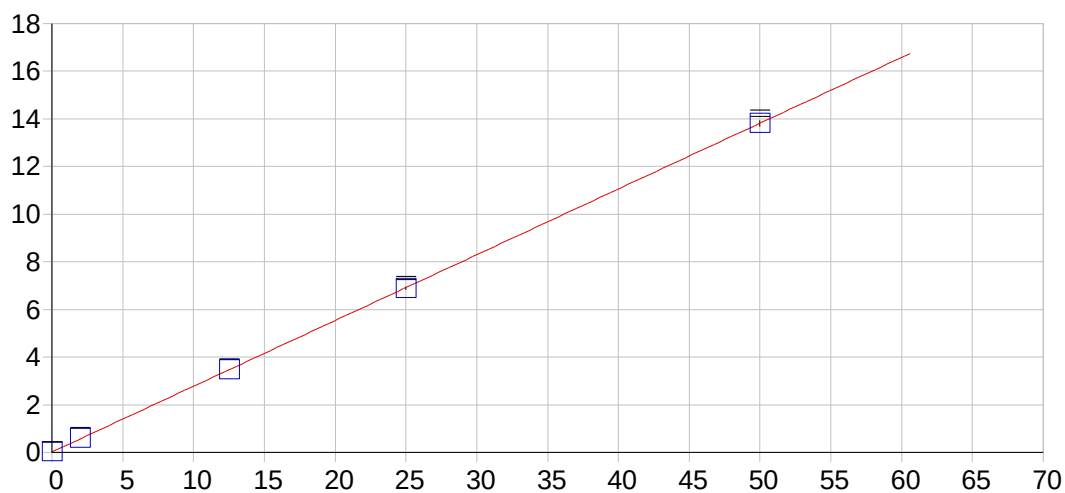
Weighting: 1/Conc

A0 (Offset): -0.000045
 A1 (Gain): 0.163293
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000009
 Predicted MDL: 0.000552
 Predicted MQL: 0.001840

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	-.00005	.000	1
S1	.01000	.01108	.001	10.8	.00173	.000	1
S3	.62500	.63016	.005	.825	.10170	.000	1
S4	1.2500	1.2448	-.005	-.412	.20091	.001	1
S5	2.5000	2.4989	-.001	-.043	.40338	.000	1

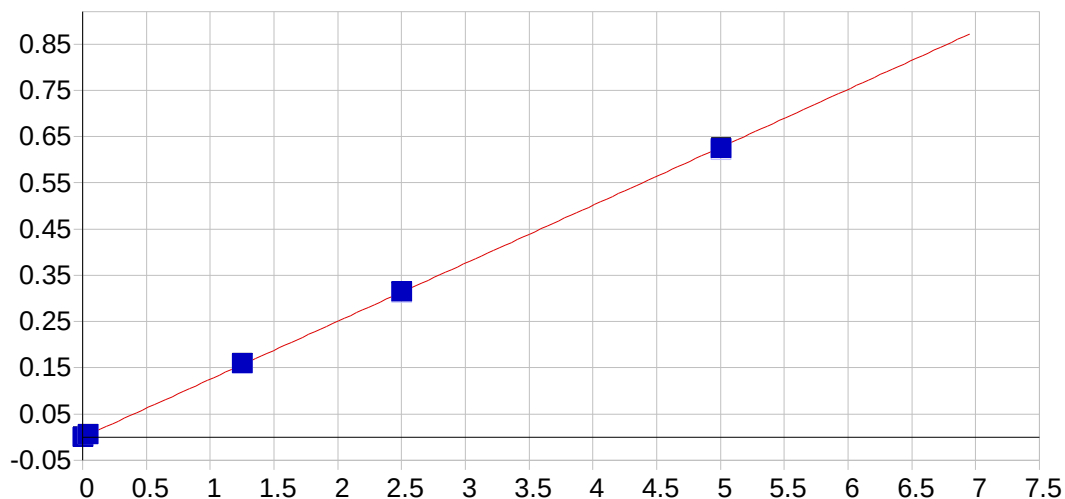


Na 589.592 { 57}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014988 Re-Slope: 1.000000
 A1 (Gain): 0.276124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.001482
 Predicted MDL: 0.010794
 Predicted MQL: 0.035981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1249	.125	6.24	.60172	.004	1
S0	.00000	-.00012	-.000	.000	.01495	.005	1
S3	12.500	12.543	.043	.346	3.4785	.022	1
S4	25.000	24.870	-.130	-.518	6.8823	.067	1
S5	50.000	49.961	-.039	-.077	13.811	.143	1



V 292.402 {115}

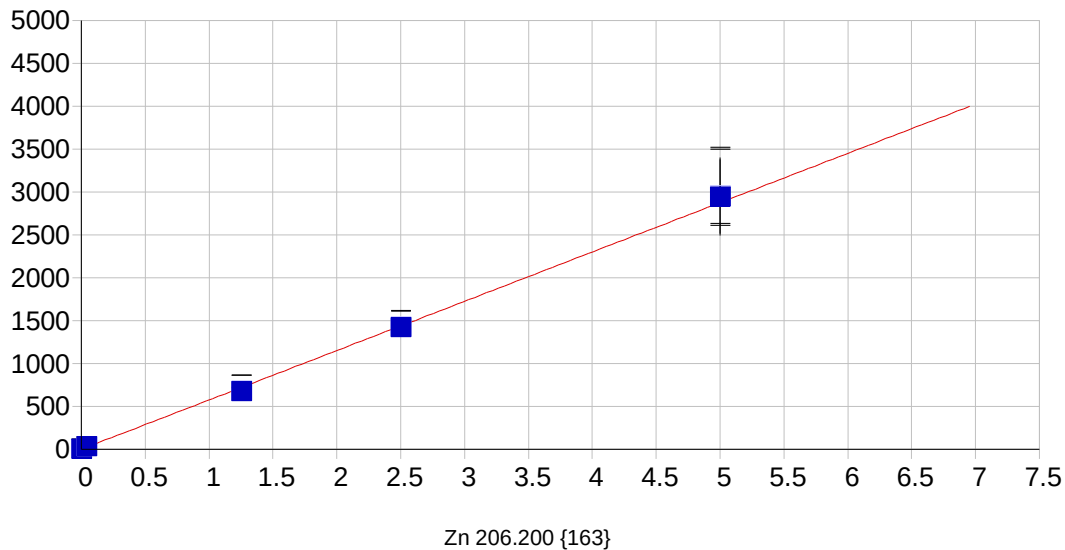
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.125356 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000046
 Predicted MDL: 0.000525
 Predicted MQL: 0.001750

Status: OK.

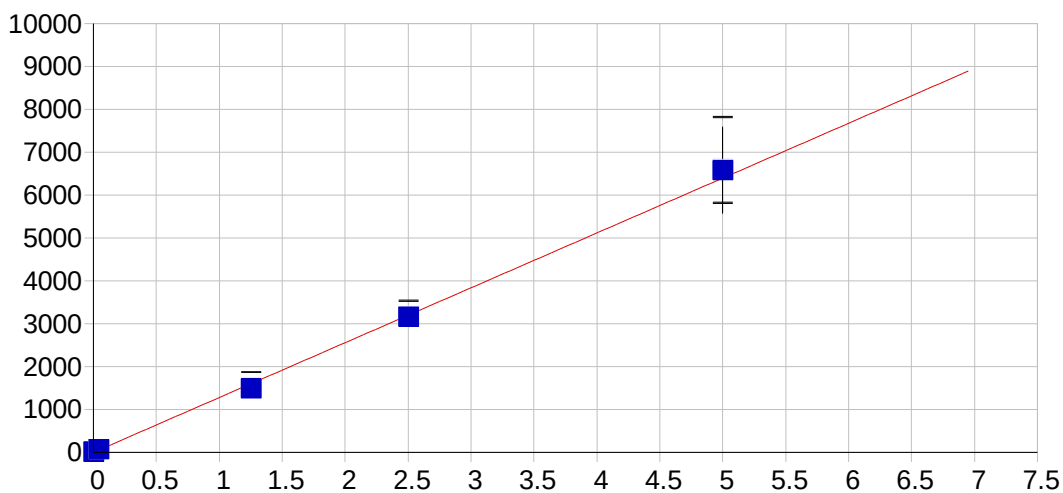
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04803	.008	20.1	.00586	.000	1
S3	1.2500	1.2677	.018	1.41	.15780	.000	1
S4	2.5000	2.5009	.001	.035	.31137	.001	1
S5	5.0000	4.9735	-.026	-.530	.61928	.002	1



Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.968629 Re-Slope: 1.000000
 A1 (Gain): 574.974876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999473 Status: OK.
 Std Error of Est: 0.454330
 Predicted MDL: 0.000173
 Predicted MQL: 0.000575

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.96624	.291	1
S1	.04000	.04646	.006	16.1	27.831	1.93	1
S3	1.2500	1.1671	-.083	-6.63	676.36	73.3	1
S4	2.5000	2.4670	-.033	-1.32	1428.1	69.8	1
S5	5.0000	5.1095	.109	2.19	2956.2	445.	1

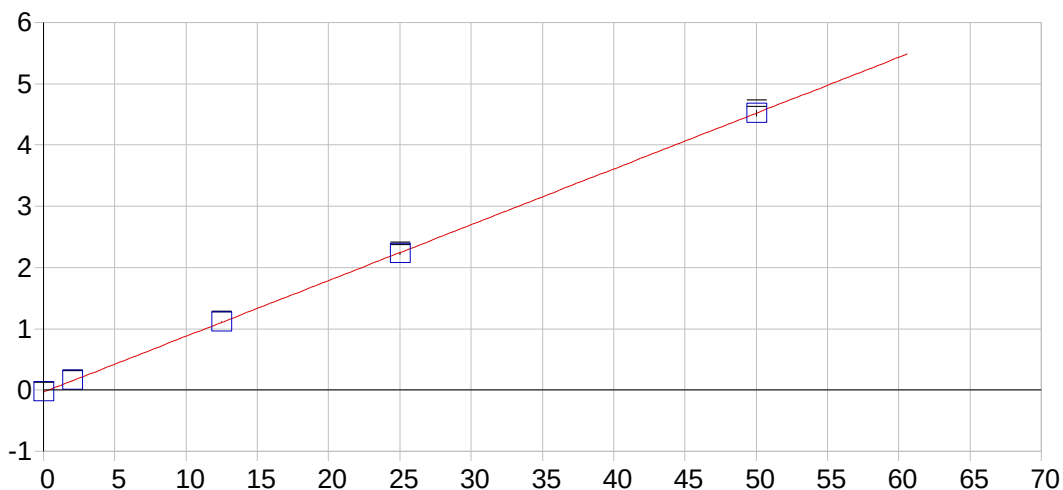


Zn 213.856 {458}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.030159 Re-Slope: 1.000000
 A1 (Gain): 1278.656873 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999314 Status: OK.
 Std Error of Est: 1.153202
 Predicted MDL: 0.000037
 Predicted MQL: 0.000125

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	2.0264	.243	1
S1	.04000	.04564	.006	14.1	60.721	5.42	1
S3	1.2500	1.1557	-.094	-7.54	1489.4	154.	1
S4	2.5000	2.4559	-.044	-1.77	3161.6	148.	1
S5	5.0000	5.1328	.133	2.66	6603.8	999.	1



K 766.490 {44}

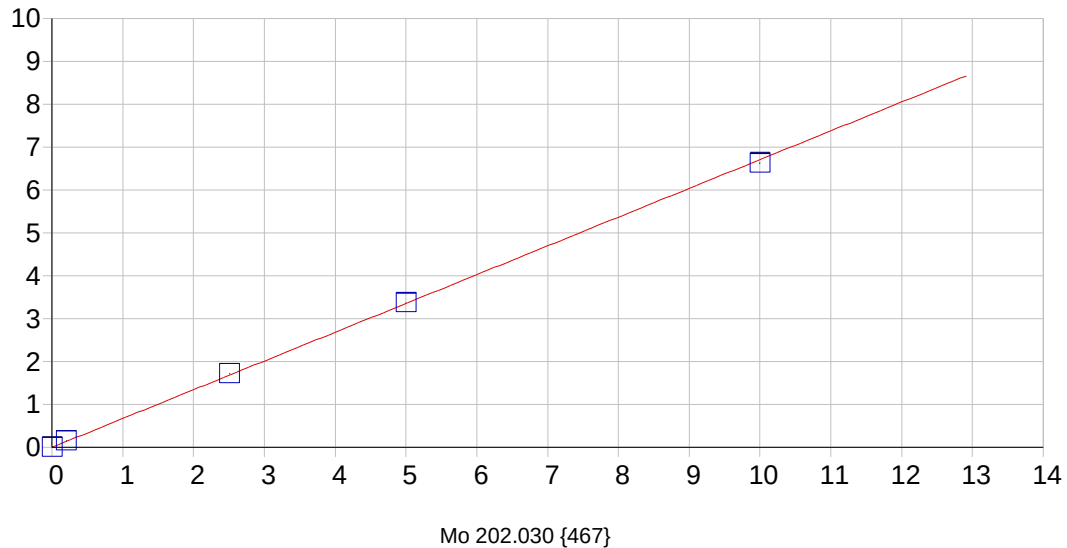
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.033158 Re-Slope: 1.000000
 A1 (Gain): 0.091053 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000378
 Predicted MDL: 0.036022
 Predicted MQL: 0.120072

Status: OK.

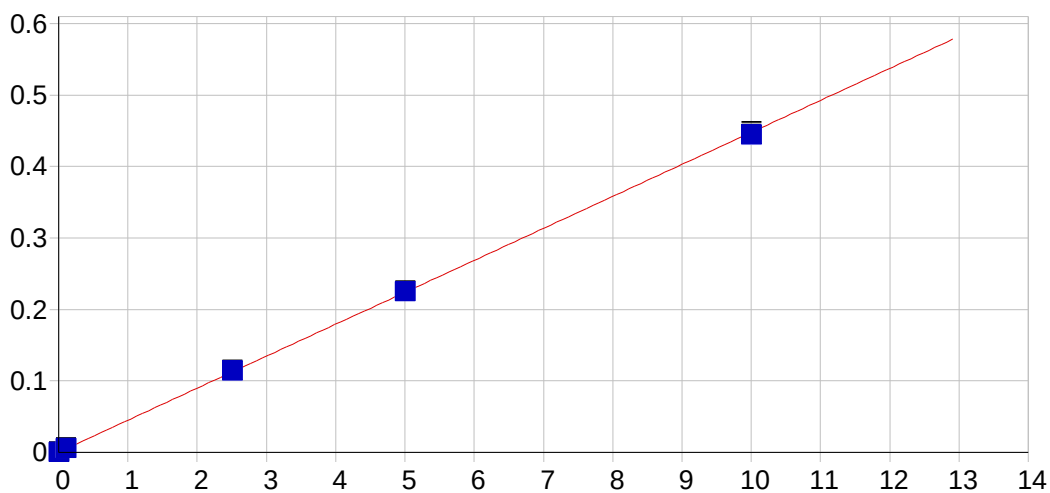
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0838	.084	4.19	.15658	.004	1
S0	.00000	-.00009	-.000	.000	-.03317	.003	1
S3	12.500	12.599	.099	.795	1.1140	.007	1
S4	25.000	24.856	-.144	-.578	2.2300	.019	1
S5	50.000	49.961	-.039	-.077	4.5160	.048	1



Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.670923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.001007
 Predicted MDL: 0.000276
 Predicted MQL: 0.000919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00020	.000	1
S1	.20000	.22757	.028	13.8	.15291	.000	1
S3	2.5000	2.5637	.064	2.55	1.7202	.003	1
S4	5.0000	5.0209	.021	.417	3.3688	.010	1
S5	10.000	9.8879	-.112	-1.12	6.6342	.015	1

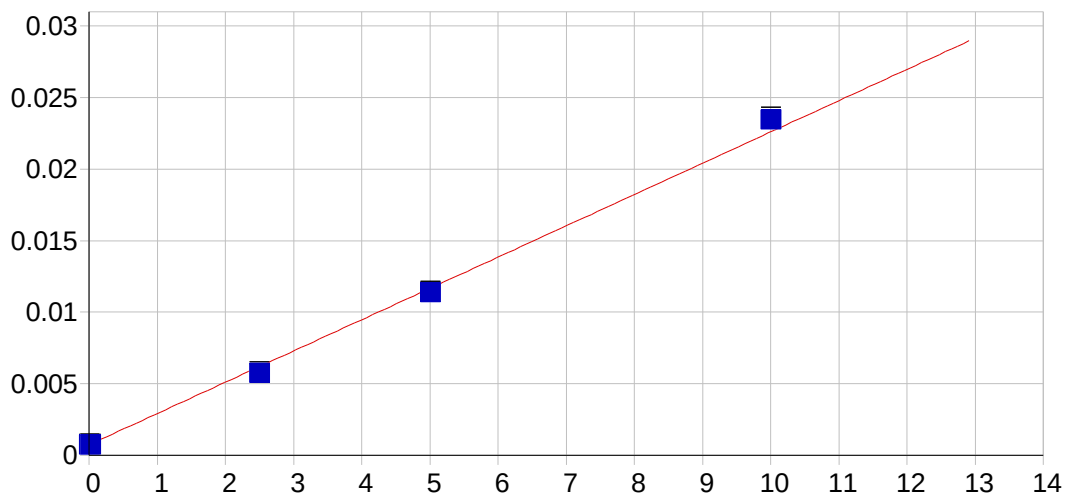


B 249.678 {135}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000259 Re-Slope: 1.000000
 A1 (Gain): 0.044762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.008133
 Predicted MQL: 0.027108

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00026	.000	1
S1	.10000	.11926	.019	19.3	.00558	.001	1
S3	2.5000	2.5383	.038	1.53	.11361	.001	1
S4	5.0000	5.0238	.024	.476	.22461	.000	1
S5	10.000	9.9187	-.081	-.813	.44319	.004	1



S 182.034 {485}

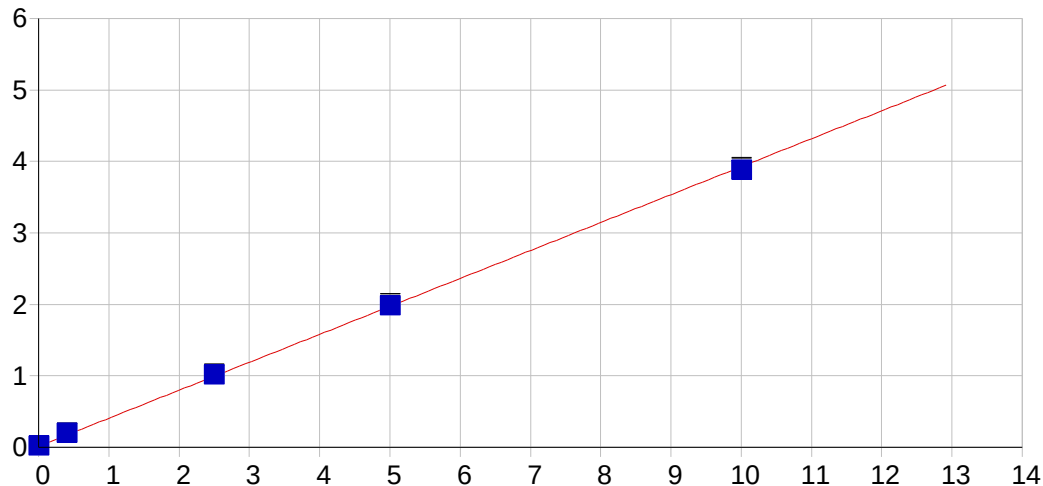
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000732 Re-Slope: 1.000000
 A1 (Gain): 0.002187 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997516
 Std Error of Est: 0.000004
 Predicted MDL: 0.036445
 Predicted MQL: 0.121484

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00073	.000	1
S1	.02000	-.01150	-.031	-157.	.00071	.000	1
S3	2.5000	2.2835	-.216	-8.66	.00572	.000	1
S4	5.0000	4.8612	-.139	-2.78	.01135	.000	1
S5	10.000	10.386	.386	3.86	.02342	.000	1



Si 288.158 {117}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

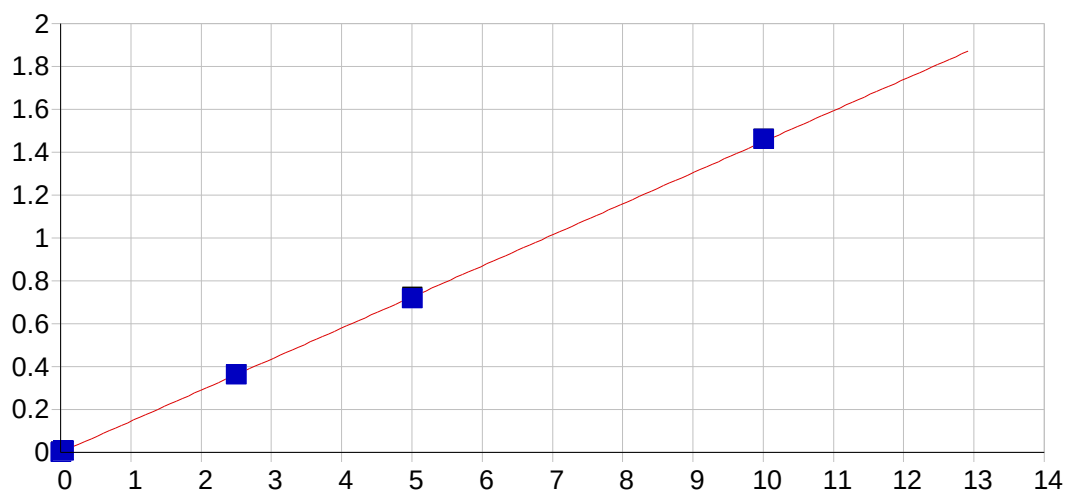
Weighting: 1/Conc

A0 (Offset): 0.016575
 A1 (Gain): 0.391001
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750
 Std Error of Est: 0.000955
 Predicted MDL: 0.002558
 Predicted MQL: 0.008527

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	-.00006	-.000	.000	.01655	.001	1
S1	.40000	.45217	.052	13.0	.19325	.000	1
S3	2.5000	2.5442	.044	1.77	1.0108	.009	1
S4	5.0000	5.0175	.018	.351	1.9774	.029	1
S5	10.000	9.8861	-.114	-1.14	3.8800	.028	1

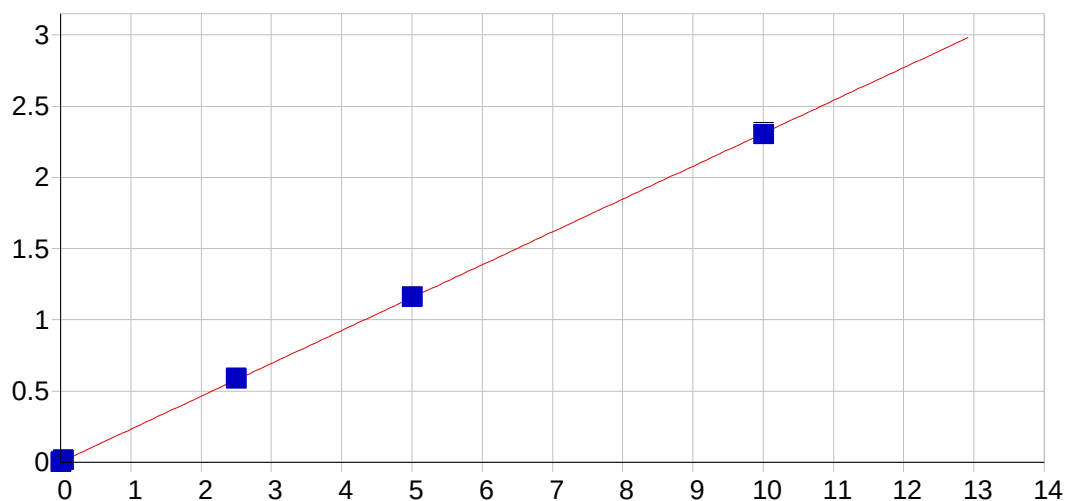


Sn 189.989 {477}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000428 Re-Slope: 1.000000
 A1 (Gain): 0.144859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.000721
 Predicted MQL: 0.002402

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00043	.000	1
S1	.04000	.04411	.004	10.3	.00682	.000	1
S3	2.5000	2.4810	-.019	-7.59	.35989	.001	1
S4	5.0000	4.9469	-.053	-1.06	.71716	.004	1
S5	10.000	10.068	.068	.680	1.4591	.002	1



Ti 336.121 {100}

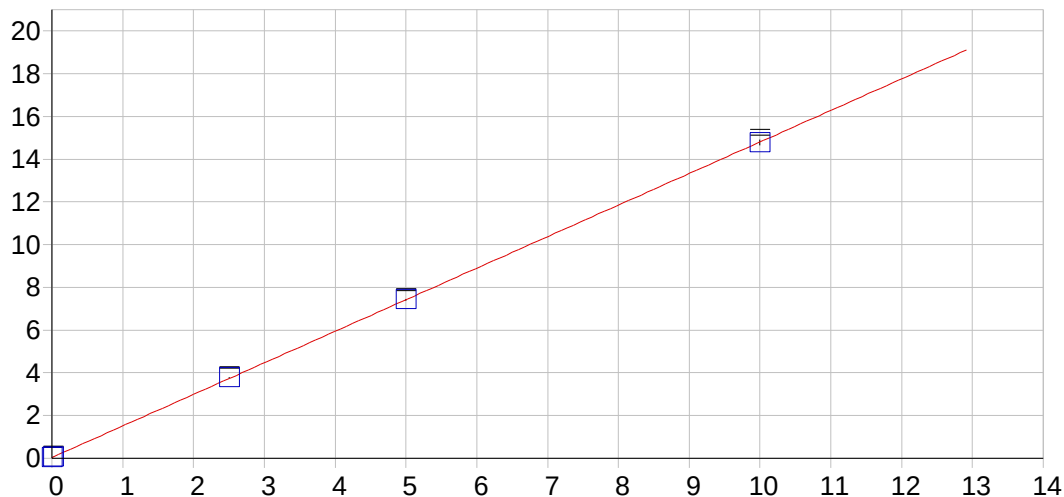
Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001987 Re-Slope: 1.000000
 A1 (Gain): 0.230778 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000073
 Predicted MDL: 0.002671
 Predicted MQL: 0.008905

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00199	.001	1
S1	.04000	.04683	.007	17.1	.01279	.001	1
S3	2.5000	2.5222	.022	.887	.58397	.002	1
S4	5.0000	5.0061	.006	.122	1.1571	.003	1
S5	10.000	9.9649	-.035	-.351	2.3014	.014	1



Li 670.784 { 50}

Date of Fit: 1/23/2019 17:27:45

Type of Fit: Linear

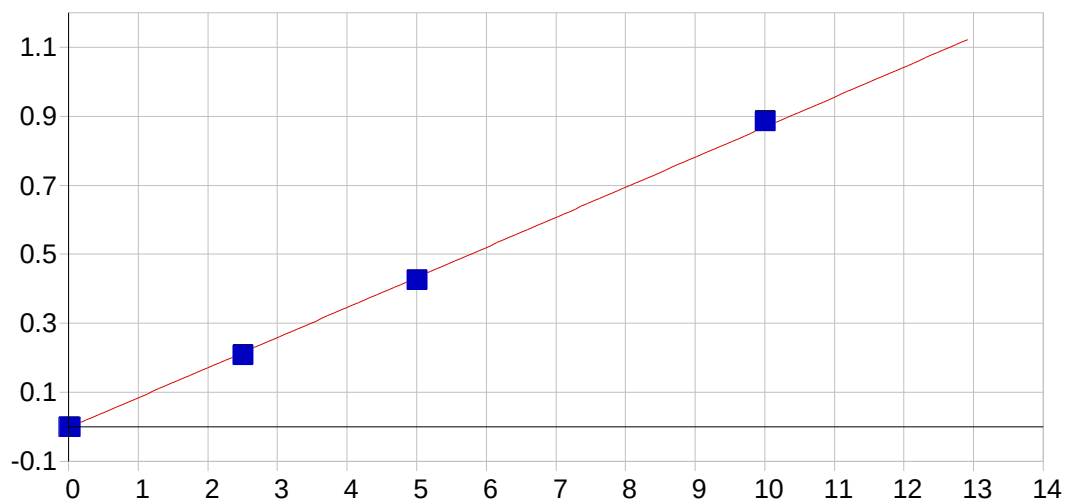
Weighting: 1/Conc

A0 (Offset): 0.038192
 A1 (Gain): 1.476987
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000247
 Predicted MDL: 0.002186
 Predicted MQL: 0.007288

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	.03819	.001	1
S1	.02000	.02326	.003	16.3	.07255	.003	1
S3	2.5000	2.5250	.025	.999	3.7675	.023	1
S4	5.0000	4.9958	-.004	-.085	7.4169	.057	1
S5	10.000	9.9760	-.024	-.240	14.773	.132	1

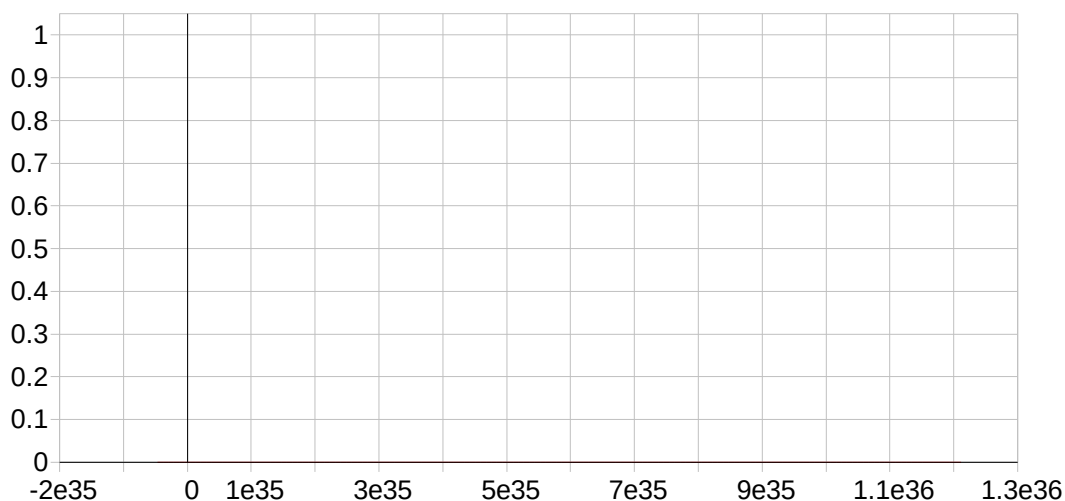


P 177.495 {490}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002516 Re-Slope: 1.000000
 A1 (Gain): 0.087090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.001368
 Predicted MQL: 0.004561

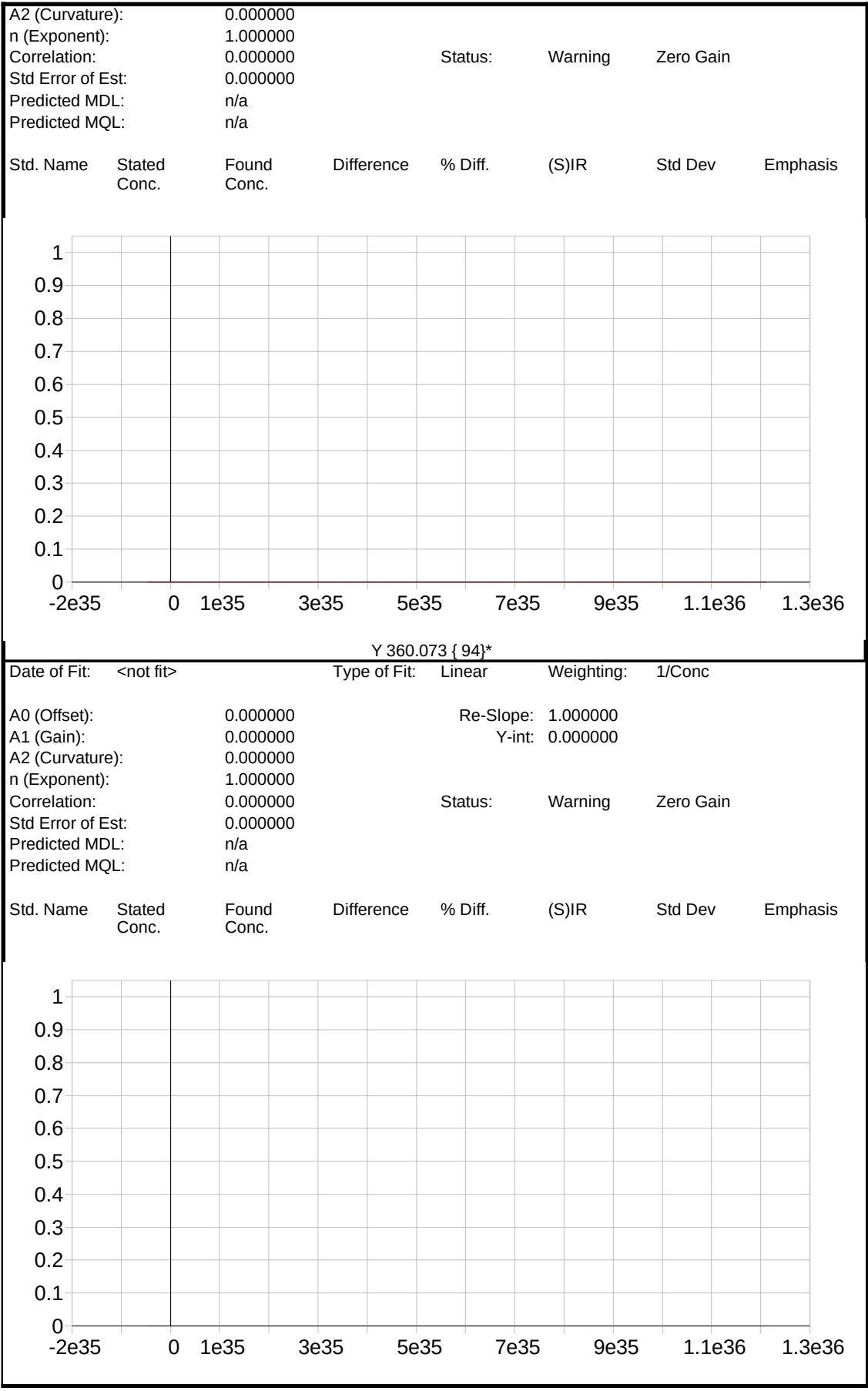
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00252	.000	1
S1	.02000	.01908	-.001	-4.60	-.00086	.000	1
S3	2.5000	2.4060	-.094	-3.76	.20671	.001	1
S4	5.0000	4.9110	-.089	-1.78	.42455	.000	1
S5	10.000	10.184	.184	1.84	.88313	.002	1

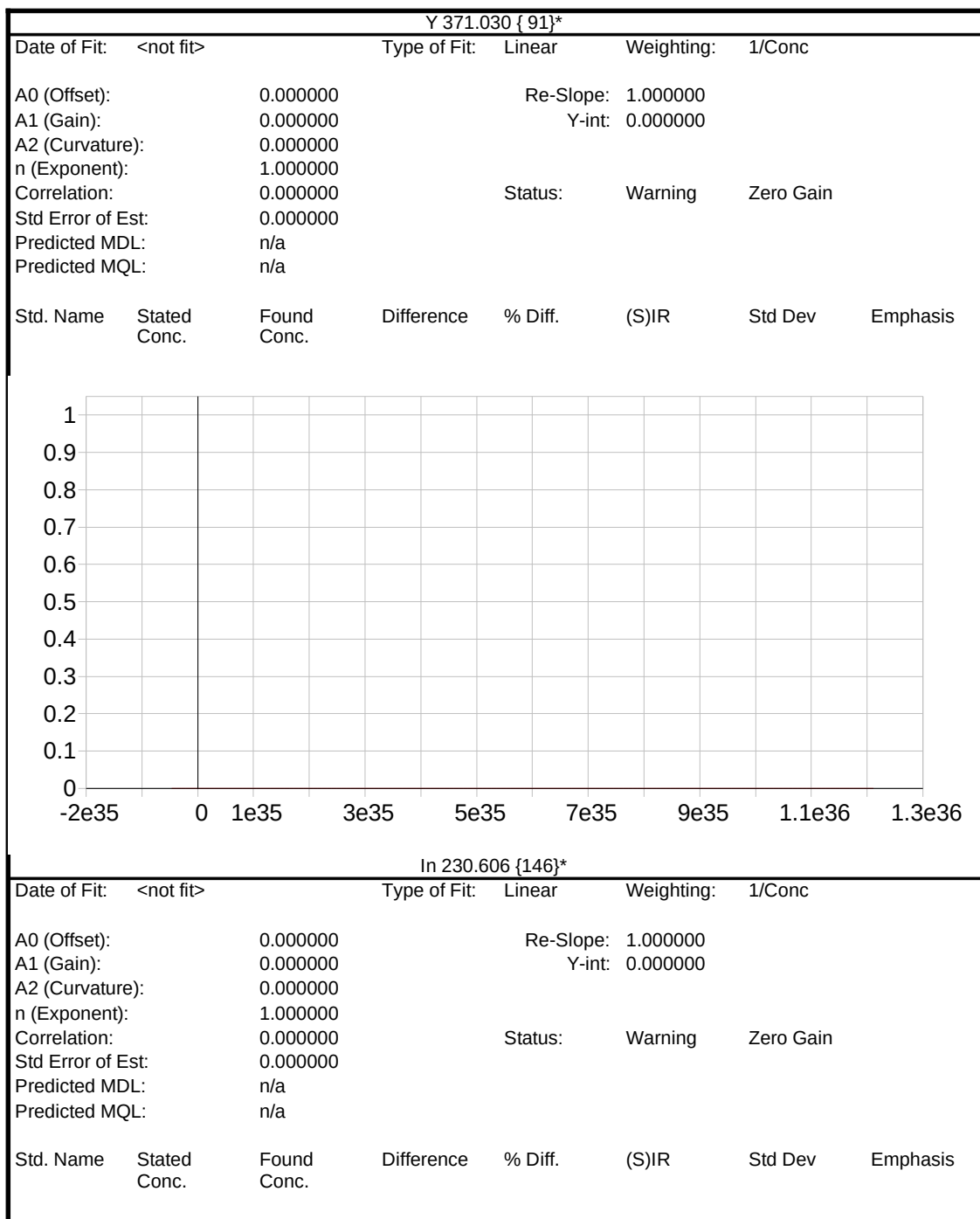


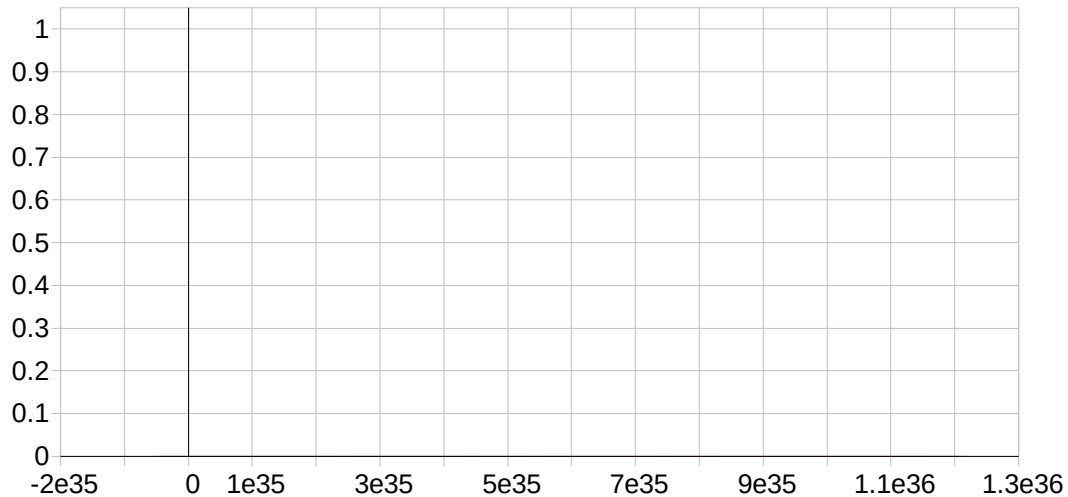
Y 224.306 {450}*

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



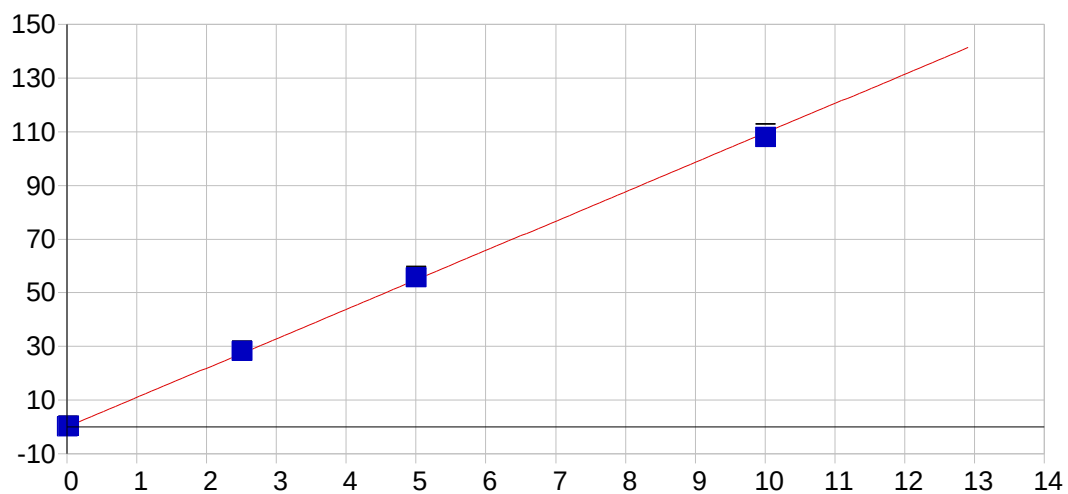




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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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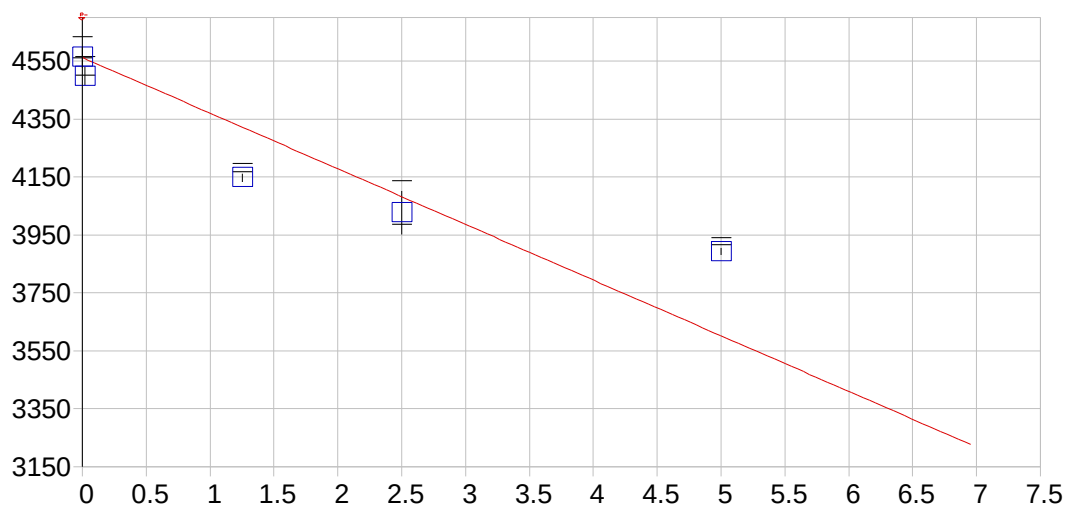


Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005253 Re-Slope: 1.000000
 A1 (Gain): 10.953755 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.004718
 Predicted MDL: 0.000108

Predicted MQL: 0.000361

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00528	.000	1
S1	.02000	.02232	.002	11.6	.24047	.001	1
S3	2.5000	2.5684	.068	2.74	28.159	.130	1
S4	5.0000	5.0780	.078	1.56	55.678	.370	1
S5	10.000	9.8513	-.149	-1.49	108.02	1.12	1

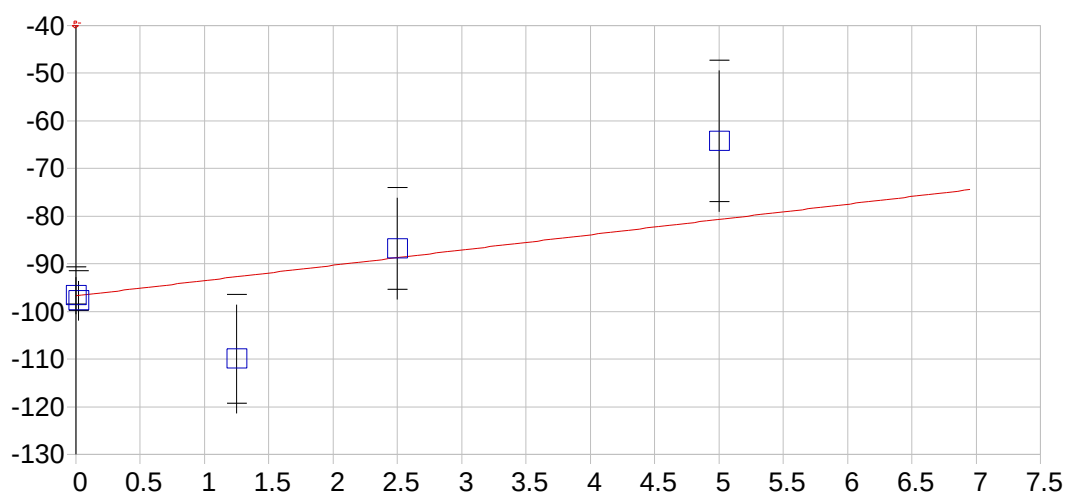


U 367.007 { 92 }

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4562.029046 Re-Slope: 1.000000
 A1 (Gain): -191.990608 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.768321 Status: Warning Negative Gain
 Std Error of Est: 2.733183
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	4562.1	36.2	1
S1	.02000	.33390	.314	1570.	4497.9	31.4	1
S3	1.2500	2.1615	.912	72.9	4147.0	14.1	1
S4	2.5000	2.7860	.286	11.4	4027.2	75.5	1
S5	5.0000	3.4886	-1.51	-30.2	3892.3	12.2	1



U 385.958 { 87}

Date of Fit: 1/23/2019 17:27:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -96.733557 Re-Slope: 1.000000
 A1 (Gain): 3.207661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.453161 Status: OK.
 Std Error of Est: 0.107828
 Predicted MDL: 3.659032
 Predicted MQL: 12.196774

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	-96.732	3.89	1
S1	.02000	-.30633	-.326	-1630.	-97.716	4.16	1
S3	1.2500	-4.1371	-5.39	-431.	-110.00	11.4	1
S4	2.5000	3.0918	.592	23.7	-86.816	10.7	1
S5	5.0000	10.122	5.12	102.	-64.267	14.8	1

Sample Name: S0 Acquired: 1/23/2019 13:10:11 Type: Cal
Method: P4-ICP2(v2773) 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	-.00001	-.00055	.00383	-.00007	.00073	-.00011	.11924	.00003
Stddev	.00013	.00007	.00014	.00010	.00018	.00008	.00200	.00002
%RSD	1023.5	12.587	3.5594	146.02	24.289	72.211	1.6794	77.717

#1	-.00006	-.00058	.00384	-.00002	.00060	-.00014	.12149	.00002
#2	.00013	-.00060	.00397	.00000	.00067	-.00002	.11766	.00005
#3	-.00011	-.00047	.00370	-.00018	.00093	-.00018	.11856	.00001

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	-.00131	.00043	-.00004	.00002	.00051	.44596	.00012	.00040
Stddev	.00028	.00056	.00004	.00014	.00022	.20049	.00005	.00043
%RSD	21.361	129.42	83.213	776.48	43.077	44.957	42.036	107.92

#1	-.00149	.00017	-.00005	-.00015	.00041	.60581	.00006	.00059
#2	-.00099	.00107	-.00001	.00008	.00076	.22101	.00015	.00071
#3	-.00145	.00005	-.00008	.00012	.00036	.51108	.00016	-.00009

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	-.00337	-.00005	.01495	-.00008	2.0264	-.03317	.00020	.00026
Stddev	.00021	.00003	.00503	.00007	.2434	.00329	.00007	.00021
%RSD	6.1599	68.563	33.668	84.510	12.011	9.9248	33.922	81.485

#1	-.00331	-.00004	.00915	-.00001	1.9903	-.03651	.00028	.00009
#2	-.00360	-.00008	.01761	-.00016	1.8030	-.02992	.00017	.00018
#3	-.00319	-.00002	.01810	-.00008	2.2858	-.03307	.00016	.00050

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	.00073	.01655	.00043	.00199	.03819	-.0025	-.00528	4562.1
Stddev	.00003	.00058	.00005	.00066	.00115	.0000	.00019	36.2
%RSD	4.1274	3.5130	10.754	33.306	3.0123	.8900	3.5544	.79358

#1	.00073	.01722	.00047	.00125	.03940	-.0025	-.00550	4523.8
#2	.00076	.01621	.00043	.00252	.03711	-.0025	-.00518	4566.7
#3	.00070	.01622	.00038	.00219	.03805	-.0025	-.00518	4595.8

Sample Name: S0 Acquired: 1/23/2019 13:10:11 Type: Cal
Method: P4-ICP2(v2773) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-96.732
Stddev	3.892
%RSD	4.0234

#1	-94.044
#2	-101.20
#3	-94.958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.1	64928.	4043.8	6.7773	4549.5
Stddev	4.5	47.	38.5	.6947	3.8
%RSD	.13253	.07277	.95224	10.250	.08432

#1	3402.8	64925.	4003.9	7.0705	4546.0
#2	3411.8	64882.	4080.8	7.2773	4548.7
#3	3406.8	64976.	4046.6	5.9841	4553.6

Sample Name: S1 Acquired: 1/23/2019 13:15:18 Type: Cal
Method: P4-ICP2(v2773) 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	.00172	.00321	.00753	.00153	.00958	.00049	.19547	.00479
Stddev	.00006	.00013	.00019	.00012	.00028	.00002	.00077	.00006
%RSD	3.5454	3.9093	2.4690	8.1269	2.8878	4.5666	.39529	1.2690

#1	.00173	.00308	.00731	.00158	.00930	.00051	.19566	.00486
#2	.00177	.00323	.00763	.00139	.00986	.00046	.19462	.00476
#3	.00165	.00333	.00763	.00163	.00959	.00050	.19612	.00474

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	.01524	.00162	.03444	.01620	.56287	.02384	.01755	.00173
Stddev	.00005	.00002	.00009	.00014	.08037	.00015	.00016	.00004
%RSD	.31204	1.3216	.27540	.86404	14.279	.64523	.89755	2.3134

#1	.01525	.00161	.03450	.01606	.47735	.02399	.01764	.00168
#2	.01529	.00164	.03448	.01634	.57440	.02384	.01765	.00175
#3	.01519	.00160	.03433	.01619	.63685	.02369	.01737	.00176

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	.00586	60.721	.15291	.00558	.00071	.19325	.00682	.01279
Stddev	.00007	5.416	.00035	.00054	.00004	.00049	.00009	.00062
%RSD	1.1284	8.9196	.22784	9.6720	5.7180	.25585	1.3905	4.8846

#1	.00593	57.513	.15260	.00598	.00074	.19301	.00672	.01308
#2	.00584	57.677	.15328	.00579	.00071	.19381	.00691	.01207
#3	.00581	66.975	.15284	.00496	.00066	.19291	.00682	.01322

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07255	-.0009	.24047	4497.9	-97.716
Stddev	.00285	.0001	.00123	31.4	4.156
%RSD	3.9271	6.066	.51142	.69842	4.2532

#1	.06946	-.0008	.24080	4531.8	-98.141
#2	.07507	-.0009	.23911	4492.1	-101.64
#3	.07312	-.0008	.24150	4469.8	-93.364

Sample Name: S1 Acquired: 1/23/2019 13:15:18 Type: Cal
Method: P4-ICP2(v2773) 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	3393.2	64433.	4009.9	7.2061	4463.3
Stddev	8.8	224.	18.5	.5861	4.3
%RSD	.25945	.34711	.46227	8.1330	.09589
#1	3389.7	64491.	4009.8	7.5591	4461.1
#2	3386.7	64186.	4028.5	7.5295	4460.5
#3	3403.2	64622.	3991.4	6.5295	4468.2

Sample Name: S2 Acquired: 1/23/2019 13:20:25 Type: Cal
Method: P4-ICP2(v2773) 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	.09292	.01874	.60172	.15658
Stddev	.00087	.00056	.00394	.00355
%RSD	.94072	2.9930	.65533	2.2660

#1	.09207	.01875	.60241	.15459
#2	.09382	.01818	.59747	.16068
#3	.09289	.01930	.60527	.15448

Int. Std.	Y_3710
Units	Cts/S
Avg	4006.4
Stddev	24.9
%RSD	.62143

#1	3979.9
#2	4009.9
#3	4029.3

Sample Name: S3 Acquired: 1/23/2019 13:25:22 Type: Cal
Method: P4-ICP2(v2773) 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	.19950	.20107	.66741	.17770	.37303	.02546	3.3468	.09122
Stddev	.00033	.00047	.00129	.00015	.00039	.00053	.0174	.00024
%RSD	.16486	.23316	.19388	.08675	.10580	2.0684	.52031	.26661

#1	.19986	.20054	.66593	.17760	.37331	.02488	3.3668	.09094
#2	.19942	.20143	.66834	.17761	.37258	.02560	3.3353	.09134
#3	.19921	.20125	.66795	.17787	.37320	.02590	3.3383	.09137

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	3.2720	.54350	.07579	1.2126	.42994	7.9933	1.2541	.10738
Stddev	.0055	.00254	.00017	.0008	.00162	.9790	.0012	.00133
%RSD	.16702	.46650	.22912	.06680	.37616	12.248	.09760	1.2368

#1	3.2659	.54091	.07576	1.2117	.42933	6.8649	1.2551	.10586
#2	3.2764	.54363	.07598	1.2133	.42871	8.6176	1.2544	.10830
#3	3.2736	.54598	.07563	1.2126	.43177	8.4973	1.2527	.10798

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	.56235	.10170	3.4785	.15780	1489.4	1.1140	1.7202	.11361
Stddev	.00132	.00013	.0219	.00030	154.3	.0073	.0030	.00083
%RSD	.23400	.12374	.63058	.18787	10.357	.65829	.17489	.73300

#1	.56326	.10173	3.5030	.15802	1313.4	1.1095	1.7233	.11373
#2	.56294	.10156	3.4718	.15746	1601.1	1.1225	1.7173	.11273
#3	.56084	.10180	3.4607	.15792	1553.8	1.1101	1.7202	.11439

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	.00572	1.0108	.35989	.58397	3.7675	.2067	28.159	4147.0
Stddev	.00008	.0092	.00128	.00246	.0228	.0006	.130	14.1
%RSD	1.4128	.91453	.35629	.42208	.60530	.2758	.46213	.34078

#1	.00568	1.0200	.35845	.58268	3.7890	.2061	28.303	4133.6
#2	.00581	1.0111	.36090	.58242	3.7700	.2070	28.123	4161.8
#3	.00566	1.0015	.36033	.58681	3.7436	.2071	28.050	4145.7

Sample Name: S3 Acquired: 1/23/2019 13:25:22 Type: Cal
Method: P4-ICP2(v2773) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-110.00
Stddev	11.41
%RSD	10.370

#1	-122.86
#2	-101.09
#3	-106.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.1	62520.	4027.0	7.3626	4168.8
Stddev	7.0	127.	42.8	.8048	5.2
%RSD	.20996	.20361	1.0629	10.931	.12524

#1	3338.0	62384.	3980.5	8.2843	4173.7
#2	3350.6	62538.	4035.7	6.7986	4163.3
#3	3349.7	62637.	4064.8	7.0049	4169.3

Sample Name: S4 Acquired: 1/23/2019 13:30:05 Type: Cal
Method: P4-ICP2(v2773) 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	.39614	.39707	1.3147	.35114	.73632	.05095	6.4996	.18099
Stddev	.00122	.00174	.0033	.00073	.00183	.00110	.0524	.00043
%RSD	.30868	.43703	.25155	.20785	.24836	2.1585	.80694	.24033
#1	.39709	.39649	1.3126	.35030	.73614	.04990	6.5351	.18055
#2	.39658	.39571	1.3129	.35160	.73823	.05088	6.5243	.18102
#3	.39476	.39903	1.3185	.35153	.73459	.05209	6.4394	.18141
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	6.5385	1.0710	.14896	2.4153	.83544	16.880	2.4530	.21157
Stddev	.0192	.0047	.00057	.0080	.00073	.776	.0071	.00168
%RSD	.29304	.44250	.38508	.33089	.08699	4.5953	.28992	.79344
#1	6.5253	1.0664	.14839	2.4104	.83565	16.309	2.4485	.20963
#2	6.5297	1.0758	.14897	2.4109	.83603	16.568	2.4493	.21259
#3	6.5605	1.0706	.14953	2.4245	.83463	17.763	2.4612	.21248
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	1.1193	.20091	6.8823	.31137	3161.6	2.2300	3.3688	.22461
Stddev	.0017	.00120	.0670	.00061	147.6	.0186	.0105	.00016
%RSD	.15405	.59851	.97382	.19618	4.6672	.83258	.31153	.07086
#1	1.1182	.20025	6.9157	.31118	3048.0	2.2372	3.3647	.22461
#2	1.1183	.20019	6.9261	.31088	3108.4	2.2439	3.3808	.22477
#3	1.1212	.20230	6.8051	.31205	3328.4	2.2089	3.3611	.22445
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	.01135	1.9774	.71716	1.1571	7.4169	.4246	55.678	4027.2
Stddev	.00011	.0294	.00390	.0034	.0566	.0003	.370	75.5
%RSD	.96588	1.4853	.54409	.29100	.76300	.0733	.66410	1.8756
#1	.01140	1.9953	.71285	1.1533	7.4610	.4244	55.957	4053.2
#2	.01122	1.9934	.71819	1.1598	7.4365	.4243	55.818	4086.2
#3	.01142	1.9435	.72044	1.1583	7.3531	.4249	55.258	3942.1

Sample Name: S4 Acquired: 1/23/2019 13:30:05 Type: Cal
Method: P4-ICP2(v2773) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-86.816
Stddev	10.740
%RSD	12.371

#1	-82.317
#2	-99.074
#3	-79.058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.4	61807.	4025.1	6.7263	4038.3
Stddev	15.7	389.	49.7	.2899	2.9
%RSD	.47225	.62963	1.2345	4.3104	.07151

#1	3313.8	62017.	3986.9	6.9519	4037.1
#2	3310.9	62046.	4007.2	6.8277	4041.5
#3	3339.4	61358.	4081.3	6.3993	4036.1

Sample Name: S5 Acquired: 1/23/2019 13:34:47 Type: Cal
Method: P4-ICP2(v2773) 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	.79186	.79636	2.6620	.70188	1.4661	.10261	12.942	.35811
Stddev	.00182	.00168	.0019	.00335	.0034	.00058	.119	.00113
%RSD	.22951	.21146	.07284	.47744	.23025	.56689	.91654	.31557

#1	.79015	.79580	2.6617	.69801	1.4651	.10200	12.811	.35937
#2	.79377	.79502	2.6640	.70373	1.4699	.10268	13.043	.35777
#3	.79166	.79825	2.6601	.70390	1.4633	.10315	12.971	.35718

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	13.342	2.1149	.29455	4.9356	1.6309	34.909	4.7937	.41737
Stddev	.015	.0172	.00088	.0032	.0030	5.271	.0071	.00230
%RSD	.10899	.81229	.29915	.06523	.18669	15.101	.14803	.55198

#1	13.327	2.0965	.29360	4.9322	1.6275	34.797	4.8010	.41481
#2	13.343	2.1305	.29534	4.9386	1.6320	40.236	4.7868	.41800
#3	13.356	2.1177	.29470	4.9362	1.6333	29.695	4.7932	.41928

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	2.2714	.40338	13.811	.61928	6603.8	4.5160	6.6342	.44319
Stddev	.0022	.00005	.143	.00187	999.4	.0477	.0149	.00416
%RSD	.09760	.01233	1.0335	.30151	15.134	1.0562	.22424	.93936

#1	2.2692	.40340	13.657	.62119	6560.4	4.4639	6.6184	.43850
#2	2.2736	.40342	13.939	.61920	7624.1	4.5576	6.6480	.44644
#3	2.2714	.40333	13.836	.61746	5626.7	4.5264	6.6363	.44463

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	.02342	3.8800	1.4591	2.3014	14.773	.8831	108.02	3892.3
Stddev	.00018	.0275	.0018	.0141	.132	.0023	1.12	12.2
%RSD	.77989	.70973	.12595	.61206	.89472	.2649	1.0406	.31354

#1	.02321	3.8549	1.4589	2.2865	14.626	.8826	107.11	3900.5
#2	.02356	3.9094	1.4574	2.3031	14.882	.8811	109.28	3898.1
#3	.02348	3.8756	1.4610	2.3145	14.811	.8857	107.69	3878.2

Sample Name: S5 Acquired: 1/23/2019 13:34:47 Type: Cal
 Method: P4-ICP2(v2773) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-64.267
Stddev	14.826
%RSD	23.069

#1	-75.450
#2	-69.900
#3	-47.450

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.0	60646.	4029.7	6.3041	3793.8
Stddev	7.4	91.	23.6	.9609	4.3
%RSD	.22746	.15004	.58463	15.243	.11352

#1	3256.5	60557.	4049.0	6.2422	3796.9
#2	3243.4	60642.	4003.4	5.3756	3788.9
#3	3256.0	60739.	4036.8	7.2945	3795.6

Sample Name: ICV01 Acquired: 1/23/2019 13:39:34 Type: Unk
Method: P4-ICP2(v2773) 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	.97527	.99120	.97208	.98468	.97730	2.4689	.49697	.47985
Stddev	.00446	.00179	.00150	.00435	.00420	.0158	.00418	.00134
%RSD	.45741	.18051	.15470	.44126	.43000	.64008	.84048	.27910

#1	.98042	.99032	.97043	.98929	.98097	2.4542	.49315	.47851
#2	.97282	.99325	.97245	.98410	.97822	2.4669	.49634	.48119
#3	.97258	.99001	.97337	.98066	.97272	2.4856	.50143	.47984

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47280	10.043	.49982	.48636	.50934	4.8411	.50699	5.8565
Stddev	.00071	.113	.00168	.00036	.00151	.3341	.00066	.0936
%RSD	.15066	1.1210	.33603	.07316	.29691	6.9021	.13114	1.5980

#1	.47200	9.9231	.50046	.48651	.50938	5.1824	.50661	5.7649
#2	.47303	10.061	.49792	.48662	.51083	4.8262	.50659	5.8527
#3	.47336	10.146	.50109	.48595	.50781	4.5146	.50775	5.9520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48860	.46423	9.7558	.49622	.97608	9.7850	2.5991	2.5989
Stddev	.00113	.00067	.0307	.00080	.08797	.0637	.0018	.0208
%RSD	.23211	.14365	.31450	.16198	9.0126	.65080	.06755	.80111

#1	.48745	.46347	9.7204	.49553	1.0630	9.7117	2.5979	2.5943
#2	.48972	.46468	9.7724	.49603	.97820	9.8261	2.6011	2.6217
#3	.48863	.46456	9.7746	.49710	.88707	9.8174	2.5983	2.5809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.1806	2.5397	2.5440	2.6026	2.3455	F 2.224	F 2.2491	F 1.9478
Stddev	.0230	.0145	.0039	.0123	.0129	.012	.0115	.1077
%RSD	1.0556	.57052	.15493	.47236	.54789	.5265	.50901	5.5278

#1	2.1665	2.5561	2.5429	2.5889	2.3331	2.231	2.2392	1.9281
#2	2.2071	2.5285	2.5483	2.6063	2.3447	2.230	2.2465	1.8513
#3	2.1681	2.5346	2.5407	2.6126	2.3588	2.210	2.2617	2.0639

Sample Name: ICV01 Acquired: 1/23/2019 13:39:34 Type: Unk
 Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 28.978
Stddev	2.572
%RSD	8.8763

#1	26.030
#2	30.141
#3	30.763

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.8	63457.	4099.9	6.9250	4284.7
Stddev	3.6	106.	12.7	.6294	4.5
%RSD	.10583	.16698	.31074	9.0885	.10585

#1	3399.7	63566.	4087.2	6.3242	4279.9
#2	3406.4	63449.	4099.8	6.8712	4289.0
#3	3405.2	63355.	4112.7	7.5795	4285.3

Sample Name: LLICV01 Acquired: 1/23/2019 13:56:30 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01746	.04092	.01270	.01829	.04851	.09308	.10018
Stddev	.00385	.00030	.00109	.00186	.00114	.01049	.00618
%RSD	22.073	.73442	8.5622	10.184	2.3450	11.265	6.1645

#1	.01619	.04075	.01391	.02044	.04981	.10456	.10308
#2	.01440	.04127	.01240	.01731	.04805	.08401	.10437
#3	.02179	.04075	.01180	.01712	.04768	.09066	.09309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.00513	1.9013	.00961	.02937	.01962	.08754
Stddev	.00005	.00002	.0237	.00042	.00021	.00017	.05673
%RSD	.82696	.42061	1.2483	4.4064	.72637	.85947	64.811

#1	.00564	.00516	1.9185	.00913	.02917	.01975	.02617
#2	.00564	.00512	1.8742	.00992	.02933	.01968	.09836
#3	.00556	.00512	1.9112	.00977	.02959	.01943	.13809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02045	1.9290	.03809	.00933	1.8593	.04009	.03587
Stddev	.00010	.0518	.00057	.00052	.0098	.00027	.00400
%RSD	.47477	2.6873	1.5079	5.6075	.52725	.67473	11.153

#1	.02036	1.9504	.03747	.00888	1.8690	.04013	.03316
#2	.02056	1.8699	.03861	.00990	1.8596	.03981	.03398
#3	.02044	1.9668	.03820	.00920	1.8494	.04034	.04046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7944	.18839	.09913	F -.07079	.37313	.03731	.03664
Stddev	.0610	.00083	.01554	.03209	.00448	.00056	.00054
%RSD	3.3975	.44167	15.681	45.327	1.2009	1.4896	1.4739

#1	1.8212	.18743	.08157	-.06364	.37745	.03760	.03646
#2	1.7247	.18885	.10469	-.04289	.37344	.03766	.03725
#3	1.8374	.18889	.11113	-.10586	.36850	.03667	.03622

Sample Name: LLICV01 Acquired: 1/23/2019 13:56:30 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01755	F .0155	.01874	F 1.2634	F<.00000
Stddev	.00198	.0006	.00015	.1696	2.9950
%RSD	11.267	3.759	.78122	13.423	211.73
#1	.01778	.0151	.01873	1.0701	-3.2785
#2	.01940	.0152	.01890	1.3329	-3.0053
#3	.01547	.0162	.01860	1.3872	2.0402
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.6	63422.	4022.8	7.1258	4463.7
Stddev	2.3	166.	46.7	.6771	5.7
%RSD	.06736	.26137	1.1600	9.5017	.12763
#1	3386.0	63605.	3970.1	7.5977	4467.2
#2	3385.9	63380.	4039.2	7.4295	4457.1
#3	3382.0	63281.	4058.9	6.3500	4466.7

Sample Name: ICB01 Acquired: 1/23/2019 14:01:36 Type: Unk
Method: P4-ICP2(v2773) 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	.00050	.00093	.00067	.00280	-.00014	-.00280	.00827
Stddev	.00259	.00157	.00048	.00064	.00150	.00635	.00446
%RSD	514.84	168.72	71.642	22.923	1088.8	226.93	53.895

#1	.00339	.00181	.00103	.00343	-.00123	.00166	.01040
#2	-.00026	-.00088	.00012	.00284	.00157	-.01006	.01127
#3	-.00162	.00186	.00085	.00214	-.00075	.00001	.00315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00002	.02158	.00016	.00017	.00021	-.01303
Stddev	.00003	.00013	.01098	.00022	.00021	.00017	.02284
%RSD	46.927	530.52	50.869	140.93	124.73	80.087	175.28

#1	.00004	-.00000	.03402	.00002	-.00007	.00010	-.02275
#2	.00010	-.00009	.01326	.00042	.00027	.00013	.01306
#3	.00006	.00016	.01746	.00004	.00030	.00041	-.02941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00790	-.00020	-.00002	-.01947	-.00011	-.00073
Stddev	.00005	.02467	.00045	.00039	.01005	.00044	.00007
%RSD	180.31	312.43	222.07	1591.2	51.611	410.73	9.1381

#1	.00000	.00374	-.00016	-.00021	-.00987	-.00058	-.00072
#2	-.00009	-.03623	.00022	.00043	-.02991	-.00004	-.00066
#3	-.00000	.00880	-.00067	-.00029	-.01863	.00030	-.00080

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03490	-.00031	.01073	F -.10641	.00065	-.00021	-.00127
Stddev	.05963	.00013	.00436	.01762	.00234	.00048	.00173
%RSD	170.85	43.237	40.686	16.561	358.15	225.65	135.67

#1	-.07678	-.00045	.01226	-.11994	-.00202	-.00057	-.00025
#2	.03337	-.00019	.01412	-.11280	.00167	-.00041	-.00326
#3	-.06130	-.00028	.00580	-.08648	.00231	.00034	-.00030

Sample Name: ICB01 Acquired: 1/23/2019 14:01:36 Type: Unk
Method: P4-ICP2(v2773) 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	-.00184	-.0010	-.00005	F .93558	F 1.4735
Stddev	.00134	.0009	.00005	.09649	3.7747
%RSD	72.630	90.50	105.24	10.314	256.18
#1	-.00084	.0000	.00001	1.0469	4.4372
#2	-.00336	-.0013	-.00009	.87578	-2.7762
#3	-.00132	-.0017	-.00007	.88407	2.7594
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3388.2	63697.	4023.7	6.4045	4523.0
Stddev	5.3	251.	18.3	.5758	13.4
%RSD	.15779	.39332	.45407	8.9899	.29631
#1	3391.3	63461.	4012.6	6.4727	4534.6
#2	3382.0	63671.	4013.7	5.7977	4508.3
#3	3391.2	63960.	4044.8	6.9432	4526.2

Sample Name: CRI01 Acquired: 1/23/2019 14:06:45 Type: Unk
Method: P4-ICP2(v2773) 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	.01713	.04108	.01165	.01982	.04978	.11070	.09757
Stddev	.00039	.00040	.00045	.00104	.00130	.02253	.00346
%RSD	2.2910	.96795	3.8647	5.2269	2.6039	20.357	3.5465

#1	.01669	.04106	.01211	.01963	.05100	.12654	.09799
#2	.01744	.04069	.01162	.01890	.04842	.12066	.09392
#3	.01725	.04148	.01121	.02094	.04992	.08490	.10080

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.00520	1.8936	.00982	.02951	.02001	.12658
Stddev	.00005	.00007	.0116	.00032	.00010	.00013	.11071
%RSD	.88131	1.4398	.61114	3.2499	.33401	.66795	87.457

#1	.00559	.00517	1.8802	.01019	.02939	.02000	.13058
#2	.00557	.00528	1.8996	.00964	.02954	.02015	.01393
#3	.00566	.00514	1.9009	.00964	.02958	.01988	.23524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02051	1.9363	.03819	.00934	1.8635	.03990	.04185
Stddev	.00004	.0424	.00002	.00061	.0073	.00035	.00354
%RSD	.17599	2.1905	.05800	6.5778	.39469	.86569	8.4669

#1	.02055	1.8939	.03817	.00983	1.8552	.03965	.03777
#2	.02049	1.9364	.03819	.00953	1.8692	.03974	.04362
#3	.02049	1.9787	.03821	.00865	1.8661	.04029	.04417

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8123	.18877	.10559	F -.07871	.37344	.03783	.03700
Stddev	.0228	.00055	.01070	.02968	.00195	.00023	.00240
%RSD	1.2602	.29075	10.136	37.716	.52104	.61988	6.4992

#1	1.7881	.18815	.10530	-.05623	.37189	.03762	.03760
#2	1.8151	.18898	.09503	-.11235	.37280	.03808	.03435
#3	1.8335	.18919	.11643	-.06753	.37562	.03779	.03904

Sample Name: CRI01 Acquired: 1/23/2019 14:06:45 Type: Unk
 Method: P4-ICP2(v2773) 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	.01957	.0162	.01872	F 1.3683	F .40179
Stddev	.00081	.0004	.00002	.1218	1.0450
%RSD	4.1282	2.673	.09916	8.8981	260.09
#1	.01927	.0164	.01870	1.2704	.49217
#2	.01895	.0165	.01871	1.5047	1.3987
#3	.02048	.0157	.01874	1.3300	-.68548
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.1	63334.	4035.0	6.1614	4443.8
Stddev	2.8	93.	24.0	.4824	12.5
%RSD	.08400	.14651	.59437	7.8291	.28219
#1	3375.2	63231.	4011.9	6.7182	4430.1
#2	3380.8	63411.	4033.3	5.8955	4446.8
#3	3378.3	63361.	4059.8	5.8705	4454.6

Sample Name: ICSA01 Acquired: 1/23/2019 14:11:52 Type: Unk
Method: P4-ICP2(v2773) 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	-.00284	-.00735	.00250	.01064	.00208	278.02	.00406	.00020
Stddev	.00131	.00293	.00358	.00107	.00052	1.24	.00323	.00015
%RSD	46.121	39.930	142.97	10.011	25.034	.44706	79.513	70.804
#1	-.00213	-.00760	-.00031	.01180	.00234	277.24	.00175	.00005
#2	-.00203	-.00429	.00129	.01044	.00243	277.36	.00776	.00033
#3	-.00435	-.01015	.00653	.00970	.00148	279.45	.00269	.00024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	250.65	.05777	-.00012	-.00504	94.888	.01567	266.10
Stddev	.00088	1.11	.00078	.00009	.00162	7.454	.00003	.53
%RSD	415.39	.44266	1.3485	77.238	32.061	7.8553	.17985	.20030
#1	-.00048	249.37	.05775	-.00014	-.00654	99.930	.01565	265.65
#2	-.00009	251.16	.05700	-.00002	-.00527	98.409	.01566	265.96
#3	.00121	251.41	.05856	-.00021	-.00333	86.327	.01570	266.69
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00439	.03354	.00199	.00307	-.00310	-.00066	.01622
Stddev	.00017	.00085	.00663	.00016	.00046	.02017	.00029	.00485
%RSD	56.822	19.261	19.773	8.0134	15.031	651.38	44.322	29.925
#1	-.00014	-.00408	.03557	.00187	.00331	.01945	-.00058	.02142
#2	-.00047	-.00375	.02613	.00194	.00336	-.00933	-.00099	.01182
#3	-.00027	-.00535	.03892	.00217	.00254	-.01941	-.00042	.01540
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .26293	-.01003	.00806	-.00528	.01853	-.0021	.00292	F 3.6249
Stddev	.03869	.00153	.00080	.00178	.00026	.0005	.00838	.2623
%RSD	14.716	15.229	9.8692	33.671	1.3895	23.32	287.29	7.2370
#1	.22682	-.01012	.00876	-.00335	.01860	-.0021	-.00289	3.8140
#2	.25820	-.00846	.00720	-.00685	.01824	-.0027	-.00088	3.7353
#3	.30377	-.01152	.00823	-.00564	.01874	-.0017	.01253	3.3254

Sample Name: ICSA01 Acquired: 1/23/2019 14:11:52 Type: Unk
 Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 831.00
Stddev	7.34
%RSD	.88283

#1	830.02
#2	824.20
#3	838.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.2	56552.	3937.8	7.3176	3557.9
Stddev	6.2	322.	25.4	.6755	5.3
%RSD	.19956	.56958	.64629	9.2316	.14872

#1	3125.3	56229.	3920.2	6.8714	3552.6
#2	3120.5	56554.	3926.3	6.9867	3557.8
#3	3132.8	56873.	3967.0	8.0948	3563.2

Sample Name: ICSAB01 Acquired: 1/23/2019 14:17:03 Type: Unk
Method: P4-ICP2(v2773) 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	.10032	.08663	.05279	.06239	.63531	261.95	.53868	.57480
Stddev	.00072	.00479	.00773	.00476	.00658	1.58	.00416	.00240
%RSD	.71642	5.5246	14.647	7.6366	1.0359	.60484	.77252	.41709
#1	.10108	.09081	.04463	.06788	.63087	260.13	.53410	.57263
#2	.09966	.08141	.06001	.05938	.63219	262.78	.54223	.57737
#3	.10022	.08767	.05371	.05991	.64287	262.95	.53969	.57440
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0485	236.77	.59071	.53086	.51419	98.269	.55450	251.84
Stddev	.0083	.66	.00120	.00544	.00604	20.368	.00094	1.23
%RSD	.79677	.27901	.20282	1.0243	1.1751	20.726	.16962	.48857
#1	1.0418	236.36	.58951	.52691	.50723	119.63	.55384	250.64
#2	1.0459	236.42	.59190	.52862	.51714	79.073	.55558	251.77
#3	1.0579	237.54	.59073	.53707	.51818	96.100	.55409	253.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0575	.21132	.03095	.53431	1.0981	.01537	F 1.1072	F 1.1616
Stddev	.0094	.00296	.01465	.00200	.2357	.03453	.0083	.0287
%RSD	.89081	1.3984	47.347	.37380	21.465	224.63	.75083	2.4701
#1	1.0494	.21432	.03127	.53517	1.3453	-.02203	1.1012	1.1946
#2	1.0553	.20841	.01614	.53574	.87591	.02210	1.1037	1.1430
#3	1.0678	.21123	.04544	.53203	1.0730	.04604	1.1167	1.1471
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.3669	F 1.0263	F 1.1507	F 1.1235	F 1.2333	F 1.197	F 1.0918	F 4.0344
Stddev	.1129	.0031	.0115	.0110	.0041	.012	.0218	.0877
%RSD	8.2610	.30250	1.0031	.97681	.33603	.9673	1.9945	2.1747
#1	1.2763	1.0297	1.1412	1.1319	1.2344	1.191	1.0680	4.0625
#2	1.3309	1.0258	1.1474	1.1111	1.2288	1.190	1.1107	4.1047
#3	1.4934	1.0235	1.1636	1.1274	1.2368	1.211	1.0967	3.9361

Sample Name: ICSAB01 Acquired: 1/23/2019 14:17:03 Type: Unk
 Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 790.24
 Stddev 5.80
 %RSD .73422

#1 785.61
 #2 788.37
 #3 796.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.3	56589.	3931.0	6.7914	3539.6
Stddev	11.7	157.	18.7	1.4349	17.5
%RSD	.37702	.27726	.47468	21.129	.49582

#1	3101.3	56585.	3909.6	5.3647	3538.6
#2	3118.5	56434.	3939.3	8.2344	3557.7
#3	3096.2	56747.	3944.1	6.7750	3522.6

Sample Name: CCV01 Acquired: 1/23/2019 14:22:00 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0975	5.1054	5.0456	5.0949	5.0890	10.130	10.070	.25775
Stddev	.0158	.0122	.0115	.0041	.0020	.068	.067	.00139
%RSD	.30945	.23935	.22706	.08053	.03938	.66970	.66348	.54063
#1	5.0803	5.0941	5.0412	5.0923	5.0868	10.158	10.017	.25736
#2	5.1113	5.1036	5.0370	5.0997	5.0897	10.053	10.145	.25659
#3	5.1008	5.1184	5.0586	5.0928	5.0906	10.180	10.049	.25930
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5093	25.331	1.0272	2.5165	1.2809	4.9472	2.5805	25.261
Stddev	.0006	.067	.0033	.0009	.0020	.3752	.0062	.075
%RSD	.02504	.26448	.32087	.03431	.15305	7.5848	.24128	.29819
#1	2.5085	25.257	1.0293	2.5155	1.2788	5.3632	2.5789	25.334
#2	2.5098	25.347	1.0234	2.5169	1.2828	4.6344	2.5752	25.183
#3	2.5094	25.389	1.0289	2.5171	1.2810	4.8440	2.5874	25.266
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5275	1.2709	25.075	2.5487	2.4848	25.114	5.1122	5.0702
Stddev	.0017	.0065	.091	.0072	.1552	.170	.0090	.0158
%RSD	.06848	.51210	.36317	.28391	6.2446	.67503	.17581	.31111
#1	2.5275	1.2716	25.014	2.5458	2.6478	24.996	5.1101	5.0632
#2	2.5292	1.2641	25.179	2.5434	2.3389	25.308	5.1220	5.0592
#3	2.5257	1.2770	25.031	2.5570	2.4677	25.036	5.1044	5.0883
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9123	5.0601	5.0308	5.0678	5.0279	5.012	5.1769	F 3.0770
Stddev	.0718	.0354	.0062	.0108	.0268	.010	.0368	.0726
%RSD	1.4626	.69893	.12288	.21231	.53214	.2026	.71121	2.3585
#1	4.9703	5.0465	5.0375	5.0617	5.0112	5.008	5.1487	3.0753
#2	4.9347	5.1003	5.0293	5.0614	5.0588	5.024	5.2186	3.0052
#3	4.8319	5.0336	5.0254	5.0802	5.0137	5.005	5.1636	3.1503

Sample Name: CCV01 Acquired: 1/23/2019 14:22:00 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0787
Stddev	2.4128
%RSD	78.373

#1	.70465
#2	5.5286
#3	3.0028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.5	60623.	3990.0	7.1206	3968.2
Stddev	7.0	121.	32.8	.4727	7.4
%RSD	.21429	.20008	.82199	6.6383	.18620

#1	3267.5	60489.	3989.8	6.6252	3961.6
#2	3271.6	60724.	3957.3	7.5667	3966.8
#3	3281.2	60656.	4022.9	7.1700	3976.2

Sample Name: LLCCV01 Acquired: 1/23/2019 14:27:36 Type: Unk
Method: P4-ICP2(v2773) 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	.01751	.04247	.01199	.02059	.04977	.09343	.09704
Stddev	.00078	.00212	.00073	.00250	.00113	.00587	.00143
%RSD	4.4437	4.9853	6.0580	12.152	2.2802	6.2783	1.4685

#1	.01804	.04039	.01149	.01784	.05076	.09452	.09716
#2	.01662	.04462	.01282	.02121	.05001	.08710	.09556
#3	.01787	.04240	.01166	.02272	.04853	.09868	.09841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00567	.00521	1.8655	.00964	.02980	.01969	.11887
Stddev	.00006	.00011	.0127	.00009	.00015	.00010	.05042
%RSD	1.1343	2.0800	.68248	.89926	.49592	.52070	42.420

#1	.00572	.00525	1.8572	.00955	.02980	.01958	.09608
#2	.00569	.00529	1.8802	.00964	.02995	.01977	.08386
#3	.00560	.00509	1.8592	.00972	.02966	.01972	.17666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02044	1.8856	.03830	.00954	1.8388	.04004	.03841
Stddev	.00009	.0480	.00035	.00030	.0167	.00028	.00243
%RSD	.43526	2.5432	.90162	3.1825	.90815	.70233	6.3256

#1	.02048	1.9007	.03829	.00984	1.8203	.03976	.03602
#2	.02050	1.8320	.03865	.00923	1.8434	.04032	.04088
#3	.02034	1.9243	.03796	.00954	1.8528	.04003	.03833

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7853	.18936	.10047	F -.10881	.36970	.03775	.03626
Stddev	.0049	.00085	.00460	.03508	.00195	.00050	.00328
%RSD	.27610	.44647	4.5757	32.244	.52723	1.3356	9.0530

#1	1.7901	.18972	.09624	-.14817	.37110	.03727	.03279
#2	1.7803	.18997	.10536	-.09742	.36747	.03828	.03666
#3	1.7854	.18840	.09981	-.08083	.37051	.03771	.03932

Sample Name: LLCCV01 Acquired: 1/23/2019 14:27:36 Type: Unk
Method: P4-ICP2(v2773) 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 .01511	F .0157	.01894	F 1.8183	F 2.5705
Stddev	.00061	.0007	.00025	.1945	.2237
%RSD	4.0434	4.418	1.3176	10.697	8.7013
#1	.01560	.0150	.01892	2.0008	2.8280
#2	.01443	.0159	.01920	1.6137	2.4242
#3	.01532	.0163	.01870	1.8405	2.4594
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.1	62880.	4037.9	6.9826	4411.9
Stddev	5.0	173.	27.1	.4138	7.6
%RSD	.14986	.27466	.67201	5.9257	.17130
#1	3340.5	62681.	4015.2	7.4023	4405.4
#2	3347.8	62989.	4067.9	6.5750	4410.0
#3	3350.1	62970.	4030.5	6.9705	4420.2

Sample Name: CCB01 Acquired: 1/23/2019 14:32:43 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	.00090	.00025	.00021	-.00036	.00646	.00075
Stddev	.00185	.00108	.00088	.00264	.00045	.01155	.00301
%RSD	262.11	120.12	354.67	1245.7	123.50	178.75	400.01

#1	-.00243	.00119	-.00031	-.00148	-.00084	.01213	.00332
#2	.00125	-.00030	-.00021	.00325	-.00030	.01408	-.00256
#3	-.00094	.00181	.00127	-.00114	.00005	-.00683	.00150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	.00515	.00030	.00019	.00012	.03469
Stddev	.00003	.00001	.00305	.00059	.00008	.00013	.01908
%RSD	189.60	55.434	59.160	196.31	40.946	104.37	54.985

#1	.00004	-.00003	.00252	.00027	.00019	-.00002	.01845
#2	-.00001	-.00001	.00445	-.00027	.00011	.00021	.02993
#3	.00002	-.00002	.00849	.00091	.00027	.00018	.05570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.07267	.00009	-.00008	-.01554	-.00008	-.00047
Stddev	.00003	.07543	.00039	.00029	.01593	.00001	.00012
%RSD	314.84	103.80	462.09	355.07	102.52	18.589	25.225

#1	-.00002	-.14645	-.00037	.00013	-.03394	-.00007	-.00061
#2	-.00004	.00431	.00030	.00004	-.00627	-.00010	-.00040
#3	.00003	-.07585	.00032	-.00041	-.00642	-.00007	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00639	-.00021	.00863	F -.12519	-.00258	-.00047	-.00282
Stddev	.01697	.00022	.00729	.02001	.00150	.00073	.00319
%RSD	265.35	107.39	84.462	15.985	58.440	154.98	113.31

#1	.01301	-.00046	.00086	-.11923	-.00095	-.00062	.00083
#2	-.01842	-.00003	.01531	-.10884	-.00284	.00032	-.00510
#3	-.01378	-.00013	.00973	-.14751	-.00393	-.00111	-.00418

Sample Name: CCB01 Acquired: 1/23/2019 14:32:43 Type: Unk
 Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00146	-0.0005	-0.00005	F 1.8331	F 1.4202
Stddev	.00124	.0009	.00006	.1724	1.5837
%RSD	85.122	157.9	133.25	9.4068	111.51
#1	-0.00228	-0.0012	-0.00008	1.6403	-.27086
#2	-0.00003	.0004	.00003	1.9727	1.6631
#3	-0.00207	-0.0008	-0.00009	1.8863	2.8685
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.6	62968.	4039.8	7.0644	4503.2
Stddev	29.1	114.	29.5	.2740	39.6
%RSD	.86194	.18117	.72958	3.8786	.87902
#1	3363.7	63100.	4006.3	7.1909	4481.0
#2	3402.5	62901.	4051.8	7.2523	4549.0
#3	3345.6	62904.	4061.5	6.7500	4479.7

Sample Name: K1164-08 Acquired: 1/23/2019 14:49:04 Type: Unk
Method: P4-ICP2(v2773) 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	-.00028	-.00210	.00497	.00122	-.00215	-.01365	.02066
Stddev	.00098	.00192	.00047	.00307	.00122	.00967	.00197
%RSD	354.56	91.487	9.3868	251.45	56.713	70.853	9.5172

#1	-.00140	-.00081	.00444	.00080	-.00340	-.00809	.02197
#2	.00040	-.00118	.00514	-.00162	-.00209	-.02481	.02162
#3	.00017	-.00430	.00533	.00448	-.00096	-.00804	.01840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00027	25.545	-.00016	.00013	.00085	-.04061
Stddev	.00002	.00008	.273	.00041	.00010	.00028	.02607
%RSD	689.06	29.756	1.0702	258.57	80.530	33.342	64.210

#1	-.00002	-.00031	25.474	-.00015	.00001	.00101	-.07045
#2	.00002	-.00032	25.314	.00025	.00021	.00053	-.02225
#3	.00001	-.00018	25.847	-.00058	.00016	.00103	-.02912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	54.445	-.00191	-.00016	418.34	.00053	.00017
Stddev	.00007	.754	.00024	.00021	8.78	.00037	.00014
%RSD	1.8371	1.3846	12.550	129.36	2.0984	69.182	85.699

#1	.00386	54.690	-.00169	.00007	421.46	.00083	.00001
#2	.00400	53.599	-.00217	-.00034	408.42	.00012	.00019
#3	.00396	55.045	-.00188	-.00021	425.13	.00065	.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.310	.00024	.20239	F 44.947	1.0740	-.01419	-.00292
Stddev	.271	.00017	.00579	.932	.0261	.00033	.00115
%RSD	1.5670	72.187	2.8630	2.0727	2.4279	2.3581	39.565

#1	17.423	.00005	.20908	43.948	1.0941	-.01381	-.00179
#2	17.001	.00040	.19918	45.101	1.0445	-.01443	-.00286
#3	17.507	.00027	.19891	45.792	1.0832	-.01433	-.00410

Sample Name: K1164-08 Acquired: 1/23/2019 14:49:04 Type: Unk
Method: P4-ICP2(v2773) 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	.01894	.0126	.35218	5.3221	F<.00000
Stddev	.00161	.0011	.00539	.1802	1.6372
%RSD	8.4907	8.620	1.5308	3.3864	5.7295
#1	.02066	.0126	.35446	5.4513	-27.039
#2	.01867	.0137	.34603	5.3989	-30.297
#3	.01748	.0115	.35607	5.1162	-28.386
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2980.7	54223.	3787.2	6.8000	3556.0
Stddev	10.8	69.	77.3	.6580	11.4
%RSD	.36286	.12683	2.0400	9.6766	.32056
#1	2971.0	54186.	3700.7	7.5417	3546.4
#2	2978.8	54180.	3849.3	6.5723	3553.0
#3	2992.4	54302.	3811.6	6.2862	3568.6

Sample Name: K1206-01 Acquired: 1/23/2019 15:04:55 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00205	.00485	.00005	.00036	-.01699	.02051
Stddev	.00131	.00090	.00059	.00217	.00079	.00875	.00405
%RSD	1020.6	43.806	12.168	4097.3	217.10	51.506	19.772

#1	-.00117	-.00149	.00474	.00210	-.00054	-.01940	.02465
#2	.00146	-.00308	.00432	-.00222	.00089	-.00728	.01655
#3	.00010	-.00157	.00548	.00028	.00075	-.02428	.02032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00018	21.599	-.00029	.00026	.00055	-.01778
Stddev	.00001	.00010	.283	.00012	.00022	.00054	.08765
%RSD	16.968	55.883	1.3120	39.803	85.547	98.192	493.07

#1	.00006	-.00019	21.336	-.00018	.00051	.00030	-.10392
#2	.00009	-.00028	21.562	-.00029	.00009	.00018	-.02071
#3	.00008	-.00007	21.899	-.00041	.00018	.00116	.07130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	51.572	-.00193	-.00063	406.23	.00031	-.00007
Stddev	.00005	.795	.00022	.00056	6.32	.00067	.00017
%RSD	1.4437	1.5412	11.540	89.062	1.5558	212.85	233.83

#1	.00340	50.851	-.00218	.00002	403.43	-.00028	.00011
#2	.00333	51.441	-.00180	-.00098	401.79	.00018	-.00011
#3	.00331	52.424	-.00180	-.00093	413.46	.00104	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.441	.00009	.18285	F 43.040	.67209	-.01434	-.00015
Stddev	.236	.00027	.00748	.418	.00761	.00083	.00262
%RSD	1.4364	286.55	4.0902	.97100	1.1321	5.8067	1793.8

#1	16.172	-.00009	.18171	42.684	.66393	-.01346	.00284
#2	16.535	-.00003	.17601	42.936	.67334	-.01446	-.00120
#3	16.615	.00040	.19084	43.500	.67899	-.01512	-.00208

Sample Name: K1206-01 Acquired: 1/23/2019 15:04:55 Type: Unk
Method: P4-ICP2(v2773) 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	.01506	.0078	.32934	5.5450	F<.00000
Stddev	.00096	.0011	.00473	.2241	1.3121
%RSD	6.3959	14.31	1.4363	4.0416	5.1850

#1	.01596	.0082	.32408	5.5915	-25.529
#2	.01404	.0066	.33070	5.3014	-23.896
#3	.01517	.0088	.33325	5.7423	-26.491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.8	54138.	3772.5	7.2276	3528.6
Stddev	4.4	46.	5.8	.5920	7.7
%RSD	.14851	.08514	.15292	8.1914	.21686

#1	2953.9	54191.	3770.2	6.5456	3537.4
#2	2945.1	54116.	3779.1	7.5274	3525.2
#3	2950.3	54108.	3768.3	7.6097	3523.3

Sample Name: K1206-01DUP Acquired: 1/23/2019 15:10:12 Type: Unk
Method: P4-ICP2(v2773) 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	-.00058	-.00332	.00504	.00114	-.00061	-.01493	.02136
Stddev	.00120	.00300	.00057	.00109	.00076	.02572	.00503
%RSD	207.80	90.264	11.260	95.226	124.78	172.26	23.553

#1	-.00061	-.00660	.00438	-.00004	.00007	-.03692	.01775
#2	.00064	-.00070	.00535	.00210	-.00143	-.02123	.01923
#3	-.00176	-.00267	.00539	.00136	-.00046	.01335	.02711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00027	24.326	-.00016	.00020	.00090	-.06296
Stddev	.00003	.00006	.160	.00005	.00033	.00075	.02768
%RSD	38.384	24.147	.65638	30.647	165.30	83.760	43.965

#1	.00007	-.00024	24.200	-.00021	-.00017	.00170	-.08850
#2	.00005	-.00034	24.272	-.00012	.00043	.00022	-.06684
#3	.00011	-.00022	24.505	-.00015	.00033	.00076	-.03355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	58.396	-.00216	-.00051	457.66	.00074	.00014
Stddev	.00008	.720	.00047	.00018	2.62	.00051	.00037
%RSD	2.1296	1.2337	21.592	34.568	.57281	68.662	266.28

#1	.00367	57.877	-.00212	-.00035	454.72	.00133	.00019
#2	.00380	58.093	-.00172	-.00049	459.76	.00045	-.00025
#3	.00382	59.219	-.00265	-.00070	458.50	.00044	.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.610	.00049	.20852	F 45.761	.73279	-.01610	-.00132
Stddev	.071	.00010	.00688	.158	.01095	.00051	.00207
%RSD	.37926	21.049	3.2997	.34532	1.4941	3.1400	156.78

#1	18.559	.00052	.21631	45.623	.72185	-.01572	-.00297
#2	18.580	.00038	.20601	45.727	.73276	-.01592	.00100
#3	18.691	.00058	.20326	45.933	.74375	-.01668	-.00198

Sample Name: K1206-01DUP Acquired: 1/23/2019 15:10:12 Type: Unk
 Method: P4-ICP2(v2773) 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	.01582	.0078	.37001	5.9126	F<.00000
Stddev	.00050	.0023	.00260	.0397	2.9325
%RSD	3.1539	29.79	.70214	.67195	10.095

#1	.01558	.0087	.36701	5.9543	-28.270
#2	.01640	.0051	.37142	5.8752	-32.290
#3	.01549	.0094	.37159	5.9083	-26.582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.8	53258.	3703.1	6.5492	3496.7
Stddev	12.9	82.	29.6	1.0786	12.9
%RSD	.44087	.15465	.79883	16.469	.36931

#1	2914.6	53317.	3729.5	6.1041	3486.8
#2	2928.3	53294.	3708.7	7.7792	3491.9
#3	2940.4	53164.	3671.2	5.7645	3511.3

Sample Name: K1206-01LX5 Acquired: 1/23/2019 15:15:29 Type: Unk
Method: P4-ICP2(v2773) 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	-.00100	-.00108	.00338	-.00036	.00004	-.00946	.01764
Stddev	.00124	.00053	.00145	.00290	.00141	.00199	.00107
%RSD	124.27	49.055	42.851	807.27	3774.4	21.010	6.0477

#1	-.00047	-.00084	.00484	-.00281	.00130	-.00738	.01880
#2	-.00241	-.00071	.00195	.00284	.00029	-.01134	.01741
#3	-.00011	-.00169	.00334	-.00112	-.00148	-.00968	.01670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00012	8.0758	-.00006	.00014	-.00021	-.00714
Stddev	.00003	.00001	.0537	.00030	.00018	.00039	.00644
%RSD	31.169	5.1975	.66531	484.27	128.83	183.92	90.159

#1	.00014	-.00012	8.0157	-.00015	.00030	-.00019	-.01401
#2	.00008	-.00013	8.0924	-.00031	-.00006	.00017	-.00617
#3	.00009	-.00012	8.1192	.00027	.00018	-.00061	-.00124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	19.408	-.00146	-.00021	154.78	.00031	-.00026
Stddev	.00001	.065	.00015	.00049	.18	.00049	.00021
%RSD	.55535	.33679	10.398	227.74	.11928	159.57	77.956

#1	.00120	19.335	-.00143	.00024	154.81	-.00017	-.00048
#2	.00120	19.428	-.00163	-.00073	154.94	.00028	-.00008
#3	.00119	19.461	-.00133	-.00015	154.58	.00081	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0896	.00015	.06230	F 14.182	.24979	-.00528	.00045
Stddev	.0615	.00015	.00647	.098	.00142	.00086	.00045
%RSD	1.0095	101.46	10.389	.68807	.56743	16.325	99.666

#1	6.0355	.00033	.05696	14.258	.24851	-.00587	.00044
#2	6.0767	.00006	.06950	14.215	.24956	-.00429	.00001
#3	6.1565	.00007	.06045	14.072	.25131	-.00567	.00090

Sample Name: K1206-01LX5 Acquired: 1/23/2019 15:15:29 Type: Unk
Method: P4-ICP2(v2773) 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	.00677	.0013	.12369	4.5018	F<.00000
Stddev	.00179	.0008	.00090	.2230	2.6499
%RSD	26.443	59.20	.72648	4.9529	16.588

#1	.00577	.0005	.12317	4.4035	-15.813
#2	.00570	.0014	.12317	4.7571	-13.410
#3	.00883	.0020	.12473	4.3450	-18.702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3064.1	56751.	3808.6	6.7214	3810.3
Stddev	35.7	264.	17.0	.9698	45.4
%RSD	1.1661	.46583	.44637	14.429	1.1904

#1	3023.4	57045.	3790.6	7.7178	3758.3
#2	3078.5	56533.	3824.4	5.7804	3831.6
#3	3090.3	56676.	3810.6	6.6661	3841.2

Sample Name: K1206-01MS Acquired: 1/23/2019 15:20:38 Type: Unk
Method: P4-ICP2(v2773) 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	1.0053	2.2234	1.1645	2.4626	.96671	2.5225	.28236
Stddev	.0025	.0067	.0010	.0074	.00135	.0230	.04086
%RSD	.25254	.30320	.08736	.30174	.13980	.90979	14.469

#1	1.0068	2.2304	1.1652	2.4612	.96519	2.5304	.32928
#2	1.0024	2.2229	1.1650	2.4706	.96716	2.5405	.25465
#3	1.0068	2.2170	1.1633	2.4559	.96777	2.4967	.26315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27036	.23476	78.096	.46794	.23840	.33707	3.2987
Stddev	.00103	.00010	7.456	.00292	.00020	.00145	.5054
%RSD	.38076	.04316	9.5472	.62336	.08257	.42987	15.323

#1	.27090	.23475	86.516	.46771	.23861	.33774	3.3345
#2	.27101	.23466	72.328	.47097	.23835	.33806	2.7763
#3	.26917	.23486	75.445	.46515	.23823	.33541	3.7853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24684	195.72	.59477	.09171	1346.6	.36115	.21344
Stddev	.00035	17.92	.00101	.00134	127.0	.00111	.03653
%RSD	.14319	9.1576	.16968	1.4619	9.4294	.30780	17.113

#1	.24686	216.02	.59528	.09202	1492.0	.36199	.21447
#2	.24719	182.08	.59361	.09287	1257.1	.36158	.17641
#3	.24648	189.06	.59542	.09024	1290.8	.35989	.24944

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.406	.47081	.98238	F 155.35	3.4615	.80347	.24302
Stddev	7.283	.00042	.07831	.52	.2873	.00293	.02270
%RSD	9.4084	.09017	7.9717	.33666	8.3004	.36432	9.3408

#1	85.694	.47032	1.0663	155.46	3.7864	.80666	.26920
#2	72.030	.47098	.91130	154.79	3.2410	.80090	.22880
#3	74.495	.47111	.96951	155.82	3.3572	.80285	.23107

Sample Name: K1206-01MS Acquired: 1/23/2019 15:20:38 Type: Unk
 Method: P4-ICP2(v2773) 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	.28512	7.961	1.4240	6.8536	F<.00000
Stddev	.02873	.018	.1329	.1174	2.5666
%RSD	10.075	.2211	9.3312	1.7126	60.095
#1	.31762	7.982	1.5749	6.7187	-1.3414
#2	.26314	7.952	1.3246	6.9326	-6.1241
#3	.27459	7.951	1.3725	6.9095	-5.3472
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.3	51586.	3597.9	6.8141	3197.1
Stddev	3.7	179.	289.9	1.1595	1.7
%RSD	.12913	.34626	8.0586	17.017	.05194
#1	2831.5	51690.	3275.9	6.6689	3197.2
#2	2824.9	51380.	3838.3	8.0394	3198.6
#3	2825.6	51689.	3679.5	5.7340	3195.3

Sample Name: K1206-01MSD Acquired: 1/23/2019 15:25:29 Type: Unk
Method: P4-ICP2(v2773) 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	1.0160	2.2480	1.1735	2.4951	.97802	2.5409	.27534
Stddev	.0037	.0049	.0011	.0046	.00509	.0418	.00837
%RSD	.35909	.21585	.09279	.18231	.52015	1.6446	3.0414

#1	1.0127	2.2533	1.1729	2.4918	.97238	2.4996	.27115
#2	1.0199	2.2439	1.1748	2.5003	.98226	2.5831	.26990
#3	1.0154	2.2468	1.1729	2.4931	.97942	2.5399	.28499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27348	.23673	75.715	.47390	.24056	.34066	3.5656
Stddev	.00067	.00043	.588	.00224	.00061	.00116	.8187
%RSD	.24567	.18235	.77628	.47279	.25185	.34185	22.961

#1	.27297	.23722	75.676	.47215	.24106	.34042	3.1417
#2	.27322	.23643	75.147	.47642	.24073	.34193	3.0457
#3	.27424	.23653	76.321	.47312	.23988	.33964	4.5093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25059	189.94	.60012	.09313	1278.2	.36524	.23323
Stddev	.00113	1.14	.00144	.00099	18.8	.00048	.05703
%RSD	.44970	.60237	.23987	1.0601	1.4706	.13154	24.453

#1	.24939	189.63	.59857	.09200	1287.0	.36469	.20424
#2	.25163	188.98	.60039	.09357	1256.7	.36555	.19652
#3	.25076	191.21	.60141	.09382	1291.1	.36549	.29893

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.044	.47417	.96928	F 156.99	3.3783	.80458	.23705
Stddev	.565	.00062	.01871	.06	.0499	.00198	.00313
%RSD	.75250	.13060	1.9305	.03934	1.4782	.24586	1.3203

#1	75.233	.47414	.96157	157.04	3.3616	.80665	.23422
#2	74.409	.47480	.95565	156.92	3.3389	.80438	.23650
#3	75.490	.47357	.99061	157.02	3.4345	.80271	.24041

Sample Name: K1206-01MSD Acquired: 1/23/2019 15:25:29 Type: Unk
Method: P4-ICP2(v2773) 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	.28097	8.066	1.3825	7.2338	F<.00000
Stddev	.00216	.006	.0084	.1092	5.2232
%RSD	.76784	.0706	.61122	1.5089	284.98
#1	.28041	8.060	1.3828	7.2227	-7.8492
#2	.27914	8.067	1.3739	7.3481	1.5412
#3	.28335	8.071	1.3907	7.1306	.80947
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.2	50670.	3638.8	6.3386	3163.9
Stddev	7.2	154.	36.6	1.3296	5.2
%RSD	.25852	.30367	1.0066	20.976	.16451
#1	2800.1	50810.	3648.8	6.9795	3169.7
#2	2785.9	50505.	3669.3	7.2263	3159.6
#3	2790.7	50694.	3598.2	4.8100	3162.6

Sample Name: K1206-01A Acquired: 1/23/2019 15:50:03 Type: Unk
Method: P4-ICP2(v2773) 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	1.0428	2.2647	1.1828	2.5544	.98549	2.5823	.28240	.27684
Stddev	.0053	.0035	.0037	.0043	.00032	.0011	.00287	.00013
%RSD	.50883	.15340	.31050	.16797	.03254	.04270	1.0170	.04742
#1	1.0367	2.2684	1.1839	2.5538	.98539	2.5826	.28096	.27683
#2	1.0462	2.2615	1.1859	2.5590	.98524	2.5811	.28571	.27672
#3	1.0455	2.2644	1.1788	2.5505	.98585	2.5832	.28054	.27698
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23933	76.494	.47412	.24287	.34760	3.2065	.25135	192.49
Stddev	.00060	.502	.00147	.00046	.00135	.5177	.00043	.38
%RSD	.24879	.65634	.31060	.19023	.38716	16.144	.17267	.19891
#1	.23988	77.070	.47301	.24240	.34663	3.5110	.25176	192.84
#2	.23942	76.266	.47355	.24290	.34914	2.6088	.25089	192.54
#3	.23870	76.147	.47579	.24333	.34704	3.4998	.25141	192.08
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60979	.09453	1334.2	.36872	.21011	75.884	.47892	.96745
Stddev	.00109	.00089	22.2	.00107	.03428	.323	.00066	.00438
%RSD	.17838	.94195	1.6611	.28971	16.316	.42525	.13820	.45230
#1	.60879	.09445	1354.2	.36945	.22930	76.248	.47835	.96939
#2	.61095	.09368	1337.8	.36923	.17053	75.769	.47965	.97052
#3	.60962	.09546	1310.4	.36750	.23051	75.634	.47878	.96244
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 160.46	3.4131	.80358	.23467	.28392	8.157	1.4051	7.5713
Stddev	.80	.0116	.00289	.00566	.00120	.028	.0066	.0489
%RSD	.49898	.34095	.35904	2.4099	.42325	.3408	.47007	.64636
#1	159.56	3.4187	.80570	.23595	.28457	8.127	1.4125	7.5686
#2	161.10	3.4209	.80475	.22848	.28466	8.181	1.4027	7.5238
#3	160.73	3.3997	.80029	.23957	.28254	8.165	1.4000	7.6215

Sample Name: K1206-01A Acquired: 1/23/2019 15:50:03 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6354
Stddev	.3926
%RSD	8.4689

#1	4.2139
#2	4.7017
#3	4.9906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.9	50397.	3603.9	6.9273	3125.1
Stddev	9.3	52.	5.2	1.2260	9.1
%RSD	.33937	.10380	.14522	17.698	.29015

#1	2741.4	50456.	3598.2	6.2434	3125.3
#2	2748.3	50358.	3605.1	8.3427	3134.0
#3	2729.9	50376.	3608.4	6.1959	3115.9

Sample Name: K1206-02 Acquired: 1/23/2019 15:54:56 Type: Unk
Method: P4-ICP2(v2773) 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	.00278	-.00443	.00589	.00068	.00169	-.01100	.02703
Stddev	.00069	.00084	.00040	.00120	.00176	.01110	.00084
%RSD	24.779	19.067	6.7471	176.60	103.98	100.87	3.1227

#1	.00312	-.00363	.00631	-.00069	.00358	-.01744	.02798
#2	.00199	-.00434	.00584	.00120	.00142	-.01738	.02637
#3	.00324	-.00531	.00552	.00152	.00009	.00181	.02673

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00026	35.107	-.00067	-.00004	.00088	-.01079
Stddev	.00010	.00009	.128	.00023	.00008	.00061	.04482
%RSD	95.065	33.559	.36571	34.844	205.19	69.558	415.29

#1	.00021	-.00017	35.064	-.00049	-.00009	.00051	-.03626
#2	.00005	-.00034	35.005	-.00060	-.00007	.00158	-.03708
#3	.00005	-.00026	35.251	-.00094	.00005	.00054	.04096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	84.266	-.00251	-.00045	618.39	.00051	-.00014
Stddev	.00013	.104	.00034	.00052	6.72	.00012	.00016
%RSD	2.2669	.12339	13.416	114.87	1.0874	23.663	110.71

#1	.00560	84.343	-.00287	-.00033	616.32	.00038	.00003
#2	.00548	84.308	-.00245	-.00001	612.94	.00052	-.00017
#3	.00574	84.148	-.00220	-.00102	625.90	.00062	-.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.327	.00092	.28367	F 69.314	1.1257	-.02333	-.00317
Stddev	.063	.00009	.01748	.255	.0064	.00025	.00149
%RSD	.22956	10.014	6.1614	.36736	.57154	1.0554	46.945

#1	27.371	.00083	.26364	69.285	1.1280	-.02318	-.00293
#2	27.255	.00091	.29151	69.582	1.1184	-.02362	-.00182
#3	27.355	.00102	.29586	69.075	1.1306	-.02321	-.00477

Sample Name: K1206-02 Acquired: 1/23/2019 15:54:56 Type: Unk
 Method: P4-ICP2(v2773) 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	.02288	.0128	.53390	6.6792	F<.00000
Stddev	.00075	.0025	.00337	.1043	1.3027
%RSD	3.2982	19.71	.63061	1.5613	4.0950
#1	.02258	.0143	.53329	6.7959	-31.246
#2	.02374	.0143	.53089	6.6466	-33.303
#3	.02232	.0099	.53754	6.5951	-30.890
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.4	51556.	3605.5	7.5024	3318.7
Stddev	16.8	194.	31.3	.7254	17.0
%RSD	.60400	.37538	.86693	9.6690	.51121
#1	2769.4	51349.	3571.7	6.6664	3300.0
#2	2789.9	51733.	3633.4	7.8762	3322.9
#3	2802.8	51587.	3611.3	7.9647	3333.2

Sample Name: PB116519BL Acquired: 1/23/2019 16:00:27 Type: Unk
Method: P4-ICP2(v2773) 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	-.00087	.00125	.00006	-.00053	.00259	-.00874	.01257
Stddev	.00259	.00103	.00068	.00277	.00105	.01806	.00505
%RSD	296.60	82.206	1113.0	518.75	40.349	206.62	40.162

#1	-.00089	.00223	-.00010	-.00132	.00380	-.02213	.01270
#2	.00172	.00136	-.00053	-.00283	.00191	-.01588	.01756
#3	-.00345	.00017	.00081	.00254	.00207	.01180	.00746

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00004	.01314	.00012	.00018	.00019	.00354
Stddev	.00004	.00005	.01414	.00011	.00007	.00010	.03152
%RSD	1484.1	123.99	107.61	89.154	42.097	50.611	890.04

#1	-.00005	-.00004	.00361	.00001	.00024	.00028	-.00476
#2	.00002	-.00009	.02939	.00014	.00010	.00020	-.02300
#3	.00002	.00001	.00642	.00022	.00019	.00009	.03838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00965	.00025	-.00040	F .90348	-.00023	-.00044
Stddev	.00006	.01003	.00009	.00067	.04892	.00058	.00018
%RSD	168.60	103.90	35.160	167.95	5.4148	252.88	39.468

#1	-.00009	-.00704	.00024	-.00062	.94560	-.00067	-.00040
#2	.00002	-.00119	.00016	-.00094	.91503	.00043	-.00029
#3	-.00003	-.02073	.00034	.00035	.84982	-.00045	-.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18218	.00021	-.00112	F -.07333	.00384	-.00093	.00156
Stddev	.04440	.00014	.00317	.03534	.00200	.00039	.00111
%RSD	24.373	67.406	282.54	48.195	52.103	42.327	71.102

#1	.18771	.00037	-.00039	-.03933	.00614	-.00048	.00081
#2	.13527	.00016	-.00460	-.07080	.00287	-.00117	.00104
#3	.22356	.00010	.00162	-.10988	.00252	-.00115	.00284

Sample Name: PB116519BL Acquired: 1/23/2019 16:00:27 Type: Unk
Method: P4-ICP2(v2773) 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	.00354	-.0015	-.00003	F 3.7382	F 1.7974
Stddev	.00030	.0008	.00005	.1294	2.9959
%RSD	8.3757	51.54	174.23	3.4608	166.68
#1	.00362	-.0023	-.00003	3.6003	1.7733
#2	.00322	-.0007	.00002	3.7573	4.8053
#3	.00380	-.0016	-.00007	3.8569	-1.1864
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3124.4	59736.	3756.9	6.0811	4230.3
Stddev	6.4	107.	31.8	.8289	13.5
%RSD	.20494	.17888	.84736	13.632	.31998
#1	3117.5	59638.	3777.6	6.3955	4215.1
#2	3130.2	59850.	3720.2	5.1409	4234.6
#3	3125.4	59720.	3772.9	6.7068	4241.1

Sample Name: CCV02 Acquired: 1/23/2019 16:15:52 Type: Unk
Method: P4-ICP2(v2773) 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	5.1989	5.0606	4.9610	5.0994	5.0994	9.8465	10.011	.25230	2.4372
Stddev	.0259	.0112	.0114	.0234	.0217	.1047	.027	.00147	.0032
%RSD	.49884	.22169	.22899	.45964	.42658	1.0636	.27098	.58150	.13297
#1	5.1957	5.0687	4.9739	5.0966	5.1000	9.7461	10.040	.25398	2.4402
#2	5.2263	5.0654	4.9528	5.1240	5.1209	9.8385	10.008	.25166	2.4377
#3	5.1747	5.0478	4.9562	5.0774	5.0774	9.9551	9.9858	.25126	2.4338
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.497	.98202	2.4704	1.2679	5.3548	2.4942	26.297	2.5130	1.2466
Stddev	.105	.00230	.0024	.0073	.4853	.0034	.182	.0024	.0021
%RSD	.39442	.23446	.09500	.57991	9.0634	.13692	.69273	.09568	.16933
#1	26.376	.98426	2.4714	1.2656	5.4475	2.4976	26.142	2.5152	1.2488
#2	26.561	.97966	2.4720	1.2761	5.7870	2.4908	26.251	2.5135	1.2465
#3	26.553	.98213	2.4677	1.2619	4.8297	2.4942	26.498	2.5104	1.2446
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	25.407	2.4986	2.6935	24.876	5.1659	4.8449	5.0806	5.1216	4.9474
Stddev	.087	.0048	.2550	.045	.0164	.0273	.0602	.0383	.0021
%RSD	.34143	.19042	9.4674	.18001	.31709	.56421	1.1839	.74796	.04203
#1	25.436	2.5036	2.7771	24.872	5.1603	4.8487	5.1030	5.1523	4.9473
#2	25.475	2.4941	2.8961	24.833	5.1843	4.8158	5.0124	5.1339	4.9495
#3	25.309	2.4981	2.4071	24.923	5.1530	4.8701	5.1263	5.0787	4.9453
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0433	4.9633	4.890	5.1472	4.5686	5.2904			
Stddev	.0290	.0151	.009	.0084	.0650	4.2353			
%RSD	.57441	.30410	.1831	.16409	1.4235	80.056			
#1	5.0180	4.9707	4.900	5.1394	4.6289	10.178			
#2	5.0371	4.9732	4.882	5.1562	4.4997	3.0021			
#3	5.0749	4.9459	4.887	5.1460	4.5771	2.6915			

Sample Name: CCV02 Acquired: 1/23/2019 16:15:52 Type: Unk
Method: P4-ICP2(v2773) 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	3017.0	57765.	3767.2	5.7457	3721.4
Stddev	14.7	130.	25.9	.5745	10.8
%RSD	.48806	.22577	.68714	9.9981	.29062
#1	3014.6	57625.	3743.2	5.5289	3711.2
#2	3003.6	57884.	3763.7	5.3112	3720.3
#3	3032.8	57786.	3794.6	6.3970	3732.8

Sample Name: CCB02 Acquired: 1/23/2019 16:20:30 Type: Unk
Method: P4-ICP2(v2773) 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	-.00005	.00145	.00020	.00092	.00046	.00316	.00638
Stddev	.00111	.00149	.00065	.00256	.00062	.01292	.00483
%RSD	2370.8	102.93	324.93	277.98	134.29	408.38	75.640

#1	.00097	.00189	-.00047	.00149	.00107	.00530	.00569
#2	.00012	-.00021	.00024	-.00187	.00049	-.01069	.00194
#3	-.00123	.00266	.00084	.00314	-.00017	.01489	.01152

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00000	.01679	.00032	-.00002	-.00006	-.01465
Stddev	.00003	.00011	.01217	.00027	.00004	.00027	.02658
%RSD	80.542	7363.4	72.473	84.500	225.49	482.36	181.40

#1	.00006	-.00005	.00287	.00062	-.00006	.00009	-.00141
#2	.00000	.00012	.02210	.00027	-.00001	-.00037	-.04525
#3	.00005	-.00007	.02541	.00008	.00002	.00011	.00271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.02036	.00079	-.00020	.21428	-.00031	-.00044
Stddev	.00002	.05001	.00045	.00014	.00640	.00017	.00008
%RSD	45.409	245.58	57.760	69.872	2.9887	54.204	17.247

#1	-.00006	.00225	.00051	-.00015	.21937	-.00036	-.00050
#2	-.00004	-.01806	.00054	-.00009	.20709	-.00012	-.00036
#3	-.00003	.07691	.00131	-.00035	.21638	-.00045	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	.00017	.01160	F -.14921	.00197	.00053	-.00096
Stddev	.01634	.00018	.00850	.02371	.00089	.00044	.00290
%RSD	1589.3	105.68	73.248	15.893	44.901	83.682	303.29

#1	-.01709	.00038	.00472	-.13061	.00147	.00010	-.00430
#2	.01466	.00008	.02110	-.14111	.00300	.00098	.00086
#3	.00551	.00006	.00898	-.17591	.00146	.00051	.00058

Sample Name: CCB02 Acquired: 1/23/2019 16:20:30 Type: Unk
Method: P4-ICP2(v2773) 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	-.00168	-.0003	.00004	F 2.7468	F 4.7266
Stddev	.00182	.0007	.00002	.2215	2.2638
%RSD	108.01	212.8	56.205	8.0642	47.895
#1	.00004	-.0011	.00002	2.9531	2.1564
#2	-.00150	-.0003	.00007	2.7746	5.5990
#3	-.00359	.0003	.00005	2.5127	6.4245
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.3	61374.	3877.5	6.1326	4311.0
Stddev	13.0	228.	8.3	.3858	8.4
%RSD	.41109	.37072	.21450	6.2906	.19413
#1	3174.4	61141.	3874.3	6.3864	4309.6
#2	3157.9	61385.	3886.9	5.6886	4303.4
#3	3148.7	61596.	3871.2	6.3227	4319.9

Sample Name: PB116486BL Acquired: 1/23/2019 16:25:39 Type: Unk
Method: P4-ICP2(v2773) 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	-.00103	.00122	-.00032	.00115	-.00023	-.00334	.00773
Stddev	.00077	.00209	.00049	.00214	.00068	.00656	.00271
%RSD	75.165	170.28	151.06	185.50	291.10	196.12	35.036

#1	-.00184	-.00041	-.00082	-.00082	-.00009	.00420	.00907
#2	-.00030	.00357	.00016	.00086	.00036	-.00656	.00461
#3	-.00095	.00051	-.00031	.00342	-.00097	-.00768	.00951

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00005	.01228	-.00020	.00011	.00017	.02209
Stddev	.00004	.00009	.01170	.00027	.00007	.00020	.06290
%RSD	65.243	176.04	95.224	139.12	66.075	116.94	284.70

#1	.00009	.00004	.00315	.00003	.00014	.00001	.08617
#2	.00009	-.00005	.02546	-.00050	.00016	.00039	-.03956
#3	.00002	-.00014	.00823	-.00012	.00003	.00010	.01968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.05731	.00051	-.00026	.18376	.00008	-.00055
Stddev	.00006	.01419	.00042	.00032	.00239	.00036	.00015
%RSD	147.19	24.752	82.664	122.75	1.3001	438.73	28.222

#1	-.00011	-.04153	.00081	.00009	.18489	.00025	-.00045
#2	-.00001	-.06139	.00003	-.00053	.18102	.00034	-.00072
#3	-.00001	-.06900	.00070	-.00035	.18538	-.00033	-.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01982	.00008	-.00103	F -.11315	.00469	-.00094	-.00131
Stddev	.01777	.00029	.00514	.02739	.00136	.00047	.00086
%RSD	89.660	346.42	499.42	24.205	28.958	49.882	65.818

#1	.00064	.00041	.00469	-.09095	.00477	-.00041	-.00044
#2	-.03144	-.00015	-.00525	-.14376	.00601	-.00131	-.00133
#3	-.02867	-.00001	-.00253	-.10475	.00329	-.00109	-.00216

Sample Name: PB116486BL Acquired: 1/23/2019 16:25:39 Type: Unk
Method: P4-ICP2(v2773) 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	-.00339	-.0007	-.00002	F 2.9475	F 5.7417
Stddev	.00154	.0009	.00009	.1709	2.9611
%RSD	45.417	128.0	430.35	5.7970	51.572
#1	-.00515	-.0017	-.00013	3.0620	8.2597
#2	-.00274	.0000	.00006	3.0294	2.4794
#3	-.00228	-.0004	.00000	2.7511	6.4860
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.0	61085.	3852.4	6.3621	4271.2
Stddev	7.6	233.	47.3	.7347	12.4
%RSD	.24104	.38138	1.2281	11.548	.28952
#1	3134.9	60817.	3799.1	5.7455	4259.8
#2	3141.0	61222.	3889.5	7.1750	4269.4
#3	3126.0	61218.	3868.6	6.1659	4284.4

Sample Name: PB116486BS Acquired: 1/23/2019 16:30:48 Type: Unk
Method: P4-ICP2(v2773) 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	.74525	1.8720	.88272	1.8655	.85392	1.7727	.19625
Stddev	.00434	.0119	.00449	.0214	.00090	.0334	.00370
%RSD	.58238	.63485	.50886	1.1483	.10530	1.8867	1.8848

#1	.75017	1.8801	.88694	1.8883	.85336	1.7343	.20051
#2	.74194	1.8775	.88322	1.8623	.85345	1.7885	.19435
#3	.74366	1.8584	.87800	1.8458	.85496	1.7953	.19388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18408	.17079	.92648	.37216	.17854	.29380	F 2.5220
Stddev	.00055	.00114	.00291	.00145	.00128	.00168	.2486
%RSD	.30083	.66589	.31426	.38967	.71536	.57119	9.8565

#1	.18351	.17201	.92755	.37065	.17983	.29560	2.4999
#2	.18412	.17061	.92870	.37230	.17851	.29351	2.7809
#3	.18462	.16976	.92318	.37354	.17727	.29228	2.2852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19058	1.8512	.45499	.06552	2.8396	.27767	.17761
Stddev	.00009	.0765	.00232	.00040	.0069	.00119	.01449
%RSD	.04554	4.1327	.51076	.61208	.24153	.42872	8.1610

#1	.19059	1.8272	.45634	.06506	2.8475	.27638	.17846
#2	.19049	1.9368	.45633	.06581	2.8364	.27873	.19166
#3	.19066	1.7896	.45231	.06569	2.8350	.27791	.16271

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9182	.43879	.26803	F -.15757	1.0209	.70112	.21296
Stddev	.0573	.00084	.01134	.03374	.0121	.00238	.00101
%RSD	.64280	.19157	4.2317	21.416	1.1825	.33983	.47567

#1	8.9797	.43835	.27824	-.16213	1.0348	.70055	.21241
#2	8.8663	.43976	.25583	-.18880	1.0138	.70374	.21234
#3	8.9085	.43825	.27003	-.12177	1.0139	.69908	.21413

Sample Name: PB116486BS Acquired: 1/23/2019 16:30:48 Type: Unk
 Method: P4-ICP2(v2773) 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	.18031	F 4.847	.18641	F 3.7201	F 52.607
Stddev	.00183	.037	.00028	.1531	4.161
%RSD	1.0154	.7697	.14891	4.1162	7.9097
#1	.18033	4.885	.18638	3.5639	57.127
#2	.18213	4.844	.18614	3.8699	48.936
#3	.17847	4.811	.18670	3.7263	51.757
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.1	60261.	3838.3	6.8008	4126.0
Stddev	8.3	109.	35.9	.5306	4.8
%RSD	.26602	.18102	.93492	7.8027	.11695
#1	3103.6	60383.	3796.9	6.7614	4121.0
#2	3116.7	60228.	3857.4	6.2909	4126.2
#3	3119.0	60172.	3860.6	7.3500	4130.7

Sample Name: K1190-01 Acquired: 1/23/2019 16:35:38 Type: Unk
Method: P4-ICP2(v2773) 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	.00122	-.00107	.00506	.00291	-.00174	.00589	.02470
Stddev	.00147	.00215	.00102	.00247	.00077	.00822	.00331
%RSD	120.58	200.97	20.180	84.919	44.019	139.66	13.418

#1	.00178	-.00058	.00392	.00559	-.00101	.00015	.02138
#2	-.00045	-.00343	.00588	.00244	-.00168	.01531	.02472
#3	.00233	.00080	.00539	.00071	-.00254	.00221	.02800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00025	30.590	-.00044	-.00009	.00067	-.05649
Stddev	.00005	.00009	.265	.00003	.00015	.00033	.03911
%RSD	42.357	34.720	.86754	7.8189	164.07	50.246	69.234

#1	.00007	-.00018	30.378	-.00042	-.00018	.00105	-.07752
#2	.00014	-.00035	30.504	-.00043	.00008	.00052	-.08060
#3	.00017	-.00023	30.888	-.00048	-.00017	.00043	-.01136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	66.941	-.00136	-.00065	513.80	.00074	.00022
Stddev	.00011	.621	.00033	.00020	4.31	.00052	.00030
%RSD	2.1085	.92764	24.525	31.328	.83930	70.260	137.19

#1	.00523	66.539	-.00098	-.00087	516.41	.00086	.00010
#2	.00506	66.627	-.00160	-.00060	508.83	.00017	.00055
#3	.00526	67.656	-.00150	-.00047	516.17	.00120	-.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.124	.00034	.23278	F 55.854	1.2035	-.01958	-.00247
Stddev	.162	.00012	.01533	.270	.0085	.00019	.00307
%RSD	.76836	36.039	6.5865	.48412	.70971	.98878	123.96

#1	21.104	.00048	.21734	55.591	1.2080	-.01980	-.00581
#2	20.973	.00026	.23299	56.131	1.1936	-.01948	.00022
#3	21.296	.00027	.24801	55.842	1.2088	-.01945	-.00183

Sample Name: K1190-01 Acquired: 1/23/2019 16:35:38 Type: Unk
Method: P4-ICP2(v2773) 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	.01251	.0149	.43382	6.7386	F<.00000
Stddev	.00385	.0006	.00390	.1693	.56550
%RSD	30.746	4.059	.89831	2.5119	2.0498
#1	.00819	.0149	.43467	6.5934	-27.211
#2	.01377	.0155	.42957	6.9245	-27.315
#3	.01556	.0143	.43722	6.6980	-28.238
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.0	52783.	3731.9	6.4103	3419.3
Stddev	12.1	37.	30.7	.8907	14.6
%RSD	.42270	.06940	.82281	13.894	.42781
#1	2847.8	52741.	3725.3	6.8055	3410.4
#2	2846.3	52810.	3765.4	5.3904	3411.3
#3	2867.9	52796.	3705.1	7.0350	3436.2

Sample Name: K1190-02 Acquired: 1/23/2019 16:40:54 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00292	.00399	.00075	-.00218	-.00529	.01996
Stddev	.00155	.00222	.00109	.00119	.00050	.02049	.00411
%RSD	628.18	75.952	27.338	157.75	23.162	387.22	20.604

#1	-.00185	-.00380	.00287	.00026	-.00214	-.01989	.01802
#2	-.00013	-.00040	.00505	-.00011	-.00169	-.01411	.02468
#3	.00124	-.00456	.00404	.00210	-.00270	.01813	.01718

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00023	24.971	-.00011	-.00000	.00019	-.00068
Stddev	.00004	.00002	.205	.00018	.00004	.00070	.03669
%RSD	36.383	10.298	.82227	159.71	10138.	377.86	5374.3

#1	.00014	-.00022	24.761	-.00032	-.00001	-.00011	.02557
#2	.00006	-.00026	24.979	-.00001	-.00003	-.00032	.01499
#3	.00012	-.00022	25.172	-.00001	.00004	.00099	-.04261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	54.517	-.00194	-.00080	413.57	.00038	.00040
Stddev	.00011	.271	.00034	.00023	3.66	.00030	.00016
%RSD	2.5252	.49630	17.382	29.268	.88477	78.991	39.070

#1	.00404	54.310	-.00181	-.00080	409.41	.00067	.00026
#2	.00422	54.418	-.00168	-.00057	416.28	.00039	.00057
#3	.00423	54.823	-.00232	-.00104	415.03	.00007	.00037

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.169	.00008	.18797	F 45.568	.99457	-.01504	-.00126
Stddev	.073	.00031	.00983	.223	.00619	.00095	.00272
%RSD	.42759	367.11	5.2311	.48988	.62210	6.3191	216.55

#1	17.085	-.00016	.18173	45.316	.98785	-.01410	-.00192
#2	17.224	.00043	.19930	45.646	1.0000	-.01600	-.00358
#3	17.198	-.00002	.18288	45.741	.99583	-.01502	.00173

Sample Name: K1190-02 Acquired: 1/23/2019 16:40:54 Type: Unk
 Method: P4-ICP2(v2773) 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	.01197	.0107	.35375	6.3602	F<.00000
Stddev	.00224	.0007	.00303	.1339	2.4849
%RSD	18.728	6.567	.85587	2.1049	9.6291
#1	.01161	.0114	.35027	6.5006	-27.392
#2	.01437	.0108	.35583	6.3462	-22.942
#3	.00993	.0100	.35514	6.2339	-27.085
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.0	53500.	3743.9	5.5492	3468.2
Stddev	8.1	236.	16.3	.1147	4.8
%RSD	.28215	.44119	.43584	2.0674	.13696
#1	2867.2	53245.	3752.9	5.6603	3467.2
#2	2873.4	53710.	3725.1	5.4311	3473.4
#3	2857.3	53545.	3753.7	5.5562	3464.1

Sample Name: K1190-01LX5 Acquired: 1/23/2019 16:56:05 Type: Unk
Method: P4-ICP2(v2773) 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	-.00205	.00037	.00206	-.00047	.00004	-.00700	.01631
Stddev	.00048	.00169	.00014	.00253	.00123	.00844	.00283
%RSD	23.211	454.45	6.9326	543.67	2776.2	120.60	17.336

#1	-.00163	.00227	.00210	.00246	.00113	-.00321	.01540
#2	-.00194	-.00022	.00217	-.00189	.00029	-.00111	.01948
#3	-.00257	-.00094	.00190	-.00197	-.00129	-.01666	.01405

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00010	6.7070	-.00007	.00020	.00002	-.00992
Stddev	.00001	.00011	.0413	.00006	.00020	.00029	.02686
%RSD	10.768	105.32	.61651	76.494	96.847	1568.8	270.76

#1	.00010	-.00020	6.6649	-.00004	.00026	-.00031	-.03116
#2	.00012	-.00013	6.7476	-.00004	.00037	.00022	-.01888
#3	.00010	.00002	6.7084	-.00014	-.00001	.00015	.02028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	14.496	-.00054	-.00054	115.11	.00000	-.00019
Stddev	.00004	.062	.00049	.00030	.78	.00025	.00021
%RSD	3.5617	.42773	92.385	55.111	.67716	14585.	111.83

#1	.00104	14.430	.00002	-.00087	115.25	-.00015	.00005
#2	.00111	14.505	-.00070	-.00029	115.82	-.00013	-.00030
#3	.00110	14.553	-.00093	-.00045	114.28	.00029	-.00031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4134	.00003	.05892	F 10.827	.27030	-.00408	-.00318
Stddev	.0282	.00024	.00230	.062	.00341	.00047	.00145
%RSD	.63835	677.52	3.9074	.56934	1.2623	11.602	45.463

#1	4.3987	-.00020	.05648	10.776	.27305	-.00456	-.00248
#2	4.4459	.00003	.05922	10.809	.27136	-.00405	-.00223
#3	4.3957	.00028	.06106	10.895	.26648	-.00361	-.00485

Sample Name: K1190-01LX5 Acquired: 1/23/2019 16:56:05 Type: Unk
 Method: P4-ICP2(v2773) 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	.00086	.0016	.09630	4.9840	F<.00000
Stddev	.00454	.0014	.00034	.2075	2.6399
%RSD	524.81	91.46	.35422	4.1634	30.495

#1	.00430	.0021	.09631	5.2204	-5.8038
#2	.00257	-.0001	.09663	4.8999	-9.1537
#3	-.00428	.0027	.09595	4.8317	-11.013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.8	56344.	3770.5	6.0511	3788.8
Stddev	4.1	130.	26.0	.4455	7.2
%RSD	.13778	.23097	.68934	7.3619	.18904

#1	3001.4	56229.	3755.3	5.6262	3781.9
#2	2999.6	56318.	3755.6	6.5146	3788.5
#3	3007.5	56485.	3800.5	6.0124	3796.2

Sample Name: K1190-01MS Acquired: 1/23/2019 17:01:14 Type: Unk
Method: P4-ICP2(v2773) 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	.99903	2.3561	1.1717	2.4855	.98244	2.4547	.27121	.25652
Stddev	.00365	.0036	.0018	.0090	.00475	.0226	.00210	.00034
%RSD	.36580	.15055	.15130	.36339	.48328	.92166	.77410	.13271
#1	1.0009	2.3602	1.1718	2.4871	.98212	2.4371	.27046	.25690
#2	1.0014	2.3544	1.1734	2.4935	.98734	2.4803	.26960	.25625
#3	.99482	2.3538	1.1699	2.4757	.97786	2.4468	.27359	.25640
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23610	25.040	.48328	.24112	.35931	2.7778	.24675	54.290
Stddev	.00066	.110	.00139	.00023	.00109	.3748	.00051	.440
%RSD	.27816	.43967	.28861	.09402	.30378	13.493	.20515	.81111
#1	.23681	24.927	.48175	.24132	.36057	2.5507	.24619	53.854
#2	.23596	25.045	.48449	.24117	.35870	3.2104	.24691	54.735
#3	.23552	25.147	.48359	.24088	.35865	2.5723	.24716	54.281
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60861	.08886	404.24	.37065	.18069	28.505	.49568	.52071
Stddev	.00204	.00090	2.78	.00029	.02364	.138	.00186	.01123
%RSD	.33529	1.0153	.68810	.07939	13.086	.48354	.37475	2.1559
#1	.60945	.08840	407.21	.37099	.16674	28.346	.49743	.50777
#2	.61010	.08990	403.83	.37052	.20799	28.581	.49588	.52655
#3	.60628	.08828	401.69	.37044	.16734	28.589	.49373	.52780
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.251	2.0707	.84142	.24525	.25226	7.434	.57514	6.1915
Stddev	.054	.0056	.00317	.00259	.00315	.007	.00162	.1894
%RSD	.13031	.27261	.37663	1.0566	1.2504	.1010	.28173	3.0584
#1	41.189	2.0653	.84300	.24421	.24905	7.433	.57536	6.0481
#2	41.281	2.0703	.84350	.24334	.25536	7.441	.57342	6.4062
#3	41.283	2.0766	.83777	.24820	.25237	7.426	.57663	6.1203

Sample Name: K1190-01MS Acquired: 1/23/2019 17:01:14 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	31.265
Stddev	4.059
%RSD	12.984

#1	28.945
#2	35.952
#3	28.897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.5	53871.	3673.0	8.0821	3463.6
Stddev	10.6	121.	4.6	.9487	9.7
%RSD	.36455	.22539	.12433	11.739	.28041

#1	2885.6	53890.	3674.2	8.6512	3457.2
#2	2891.7	53741.	3676.8	6.9869	3458.8
#3	2906.2	53982.	3667.9	8.6082	3474.8

Sample Name: K1190-01MSD Acquired: 1/23/2019 17:06:09 Type: Unk
Method: P4-ICP2(v2773) 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	.99787	2.3379	1.1651	2.4805	.97833	2.4429	.26717	.25456
Stddev	.00309	.0074	.0015	.0147	.00120	.0090	.00349	.00061
%RSD	.30923	.31806	.12793	.59307	.12249	.36879	1.3053	.23869
#1	.99469	2.3433	1.1651	2.4635	.97838	2.4357	.27045	.25466
#2	1.0008	2.3294	1.1636	2.4893	.97951	2.4530	.26755	.25511
#3	.99808	2.3409	1.1666	2.4886	.97711	2.4401	.26351	.25391
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23445	24.750	.48145	.23928	.35558	4.0723	.24516	53.635
Stddev	.00023	.078	.00121	.00044	.00115	.7941	.00056	.284
%RSD	.09922	.31315	.25171	.18363	.32307	19.501	.22667	.52982
#1	.23461	24.708	.48192	.23881	.35636	3.5260	.24453	53.390
#2	.23419	24.702	.48237	.23967	.35426	4.9833	.24560	53.568
#3	.23456	24.839	.48008	.23937	.35612	3.7077	.24534	53.947
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60498	.08779	399.06	.36792	.27159	28.163	.49283	.52223
Stddev	.00061	.00055	.50	.00066	.04876	.139	.00042	.01050
%RSD	.10011	.62865	.12427	.17853	17.954	.49249	.08454	2.0110
#1	.60441	.08840	399.49	.36775	.23916	28.067	.49253	.52556
#2	.60493	.08766	398.52	.36736	.32767	28.101	.49331	.51047
#3	.60562	.08732	399.18	.36864	.24796	28.322	.49266	.53067
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.195	2.0364	.83643	.24243	.25026	7.390	.56682	6.2827
Stddev	.030	.0053	.00162	.00646	.00305	.013	.00415	.2180
%RSD	.07369	.26170	.19322	2.6655	1.2171	.1738	.73180	3.4691
#1	41.212	2.0374	.83594	.23502	.24848	7.399	.56478	6.4482
#2	41.214	2.0306	.83824	.24538	.24853	7.375	.56409	6.3641
#3	41.160	2.0411	.83512	.24689	.25378	7.395	.57160	6.0357

Sample Name: K1190-01MSD Acquired: 1/23/2019 17:06:09 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.059
Stddev	1.896
%RSD	6.5248

#1	31.169
#2	27.498
#3	28.509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.5	53840.	3700.6	5.4757	3477.8
Stddev	6.2	126.	8.2	.8815	7.4
%RSD	.21257	.23479	.22092	16.098	.21248

#1	2895.6	53765.	3698.9	6.0701	3469.3
#2	2904.4	53768.	3709.5	4.4629	3481.7
#3	2907.5	53985.	3693.4	5.8939	3482.4

Sample Name: K1190-01A Acquired: 1/23/2019 17:11:05 Type: Unk
Method: P4-ICP2(v2773) 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	.99436	2.3344	1.1680	2.4644	.97548	2.4656	.26664	.25434
Stddev	.00071	.0086	.0017	.0089	.00100	.0323	.00449	.00040
%RSD	.07134	.36657	.14659	.35900	.10280	1.3118	1.6854	.15592
#1	.99518	2.3261	1.1696	2.4670	.97442	2.4391	.26238	.25472
#2	.99395	2.3340	1.1662	2.4716	.97562	2.4561	.27134	.25393
#3	.99395	2.3432	1.1682	2.4545	.97641	2.5017	.26622	.25437
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23500	24.726	.47786	.23909	.35649	2.8511	.24485	53.649
Stddev	.00021	.074	.00090	.00052	.00094	.4924	.00089	.394
%RSD	.09115	.29943	.18834	.21887	.26489	17.272	.36526	.73494
#1	.23480	24.641	.47889	.23967	.35601	2.8911	.24551	53.202
#2	.23523	24.778	.47740	.23896	.35588	2.3398	.24383	53.946
#3	.23497	24.758	.47728	.23865	.35757	3.3222	.24521	53.799
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60572	.08783	399.60	.36850	.19446	28.244	.49262	.51355
Stddev	.00054	.00111	1.66	.00116	.03005	.092	.00034	.01341
%RSD	.08991	1.2658	.41599	.31463	15.454	.32476	.06896	2.6112
#1	.60513	.08911	397.93	.36918	.19920	28.257	.49260	.51311
#2	.60621	.08710	399.60	.36716	.16233	28.328	.49297	.52717
#3	.60583	.08728	401.26	.36916	.22187	28.146	.49229	.50036
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.143	2.0312	.83551	.24133	.25233	7.362	.56822	6.3363
Stddev	.074	.0017	.00157	.00566	.00330	.016	.00092	.0705
%RSD	.17957	.08358	.18731	2.3454	1.3083	.2145	.16181	1.1129
#1	41.158	2.0313	.83599	.23558	.24983	7.354	.56860	6.4161
#2	41.063	2.0329	.83678	.24690	.25607	7.353	.56889	6.2823
#3	41.208	2.0295	.83376	.24152	.25109	7.381	.56718	6.3104

Sample Name: K1190-01A Acquired: 1/23/2019 17:11:05 Type: Unk
 Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	28.807
Stddev	1.451
%RSD	5.0377

#1	30.110
#2	27.243
#3	29.069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.3	53595.	3690.5	7.5277	3456.2
Stddev	10.0	95.	6.2	1.1687	11.1
%RSD	.34639	.17687	.16817	15.526	.32142

#1	2883.8	53525.	3684.9	7.2302	3449.8
#2	2879.5	53703.	3689.5	8.8165	3449.9
#3	2898.6	53557.	3697.2	6.5365	3469.1

Sample Name: K1190-01DUP Acquired: 1/23/2019 17:27:40 Type: Unk
Method: P4-ICP2(v2773) 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	.00111	-.00088	.00557	.00065	-.00021	.00066	.02407
Stddev	.00048	.00115	.00082	.00372	.00047	.00605	.00559
%RSD	42.949	130.83	14.767	573.89	226.67	913.58	23.215

#1	.00145	.00006	.00638	-.00090	-.00023	-.00199	.02000
#2	.00132	-.00216	.00558	.00490	.00027	.00758	.02177
#3	.00056	-.00053	.00474	-.00205	-.00067	-.00360	.03044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00027	28.660	-.00054	.00001	.00062	-.06752
Stddev	.00006	.00015	.272	.00046	.00022	.00035	.02245
%RSD	108.71	57.642	.94740	85.611	1953.4	57.018	33.248

#1	-.00000	-.00013	28.356	-.00102	-.00010	.00035	-.06061
#2	.00005	-.00024	28.748	-.00047	-.00013	.00049	-.09262
#3	.00012	-.00043	28.877	-.00011	.00026	.00102	-.04934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00486	63.034	-.00181	-.00098	488.13	.00047	.00035
Stddev	.00008	.904	.00020	.00021	4.12	.00080	.00031
%RSD	1.6893	1.4345	10.862	21.161	.84436	170.41	89.659

#1	.00482	62.117	-.00161	-.00092	483.43	-.00037	.00005
#2	.00481	63.058	-.00201	-.00121	491.15	.00123	.00068
#3	.00496	63.925	-.00181	-.00081	489.80	.00054	.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.903	.00040	.21625	F 54.417	1.1507	-.01813	-.00063
Stddev	.155	.00053	.00853	.388	.0135	.00048	.00121
%RSD	.77834	130.70	3.9438	.71331	1.1690	2.6290	192.14

#1	19.725	.00078	.21968	53.987	1.1353	-.01759	-.00103
#2	19.975	-.00020	.20654	54.523	1.1574	-.01849	.00073
#3	20.009	.00062	.22253	54.741	1.1595	-.01831	-.00159

Sample Name: K1190-01DUP Acquired: 1/23/2019 17:27:40 Type: Unk
Method: P4-ICP2(v2773) 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	.01209	.0133	.40945	6.1691	F<.00000
Stddev	.00250	.0009	.00300	.0936	4.2809
%RSD	20.654	6.458	.73198	1.5176	15.216

#1	.00930	.0138	.40646	6.2683	-32.209
#2	.01412	.0139	.40943	6.0824	-28.519
#3	.01285	.0123	.41245	6.1565	-23.673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.2	53046.	3714.2	5.9907	3448.3
Stddev	12.6	114.	23.7	.9306	11.3
%RSD	.43761	.21474	.63845	15.534	.32779

#1	2897.5	52967.	3741.5	6.9824	3457.5
#2	2888.5	52993.	3698.7	5.1364	3451.7
#3	2872.5	53176.	3702.5	5.8534	3435.7

Sample Name: PB116519BS Acquired: 1/23/2019 17:32:53 Type: Unk
Method: P4-ICP2(v2773) 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	.79566	2.0664	.96146	2.0254	.81339	1.9291	.22001
Stddev	.00455	.0023	.00234	.0080	.00200	.0076	.00438
%RSD	.57208	.11130	.24367	.39577	.24547	.39123	1.9905

#1	.79094	2.0640	.95880	2.0163	.81374	1.9218	.22362
#2	.80003	2.0668	.96237	2.0284	.81125	1.9369	.22128
#3	.79601	2.0685	.96321	2.0315	.81520	1.9287	.21514

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20179	.18655	1.0229	.40824	.19396	.31790	3.0210
Stddev	.00041	.00067	.0145	.00019	.00104	.00242	.1949
%RSD	.20446	.36068	1.4143	.04614	.53495	.76040	6.4520

#1	.20143	.18588	1.0236	.40822	.19276	.31538	2.8089
#2	.20170	.18723	1.0370	.40807	.19457	.32019	3.1922
#3	.20224	.18655	1.0081	.40844	.19455	.31814	3.0619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20821	2.0065	.49501	.07235	3.3287	.30406	.20419
Stddev	.00072	.0170	.00160	.00030	.0242	.00056	.01002
%RSD	.34785	.84784	.32255	.41498	.72566	.18497	4.9049

#1	.20797	2.0220	.49317	.07260	3.3498	.30399	.19306
#2	.20763	1.9883	.49601	.07243	3.3339	.30465	.21247
#3	.20902	2.0090	.49585	.07201	3.3023	.30353	.20705

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9484	.41877	.29442	F -.15268	.99638	.67489	.20557
Stddev	.0320	.00187	.00271	.00687	.01463	.00219	.00190
%RSD	.32190	.44621	.91971	4.4999	1.4680	.32396	.92634

#1	9.9291	.41663	.29142	-.15802	1.0131	.67240	.20337
#2	9.9854	.41966	.29667	-.14493	.98576	.67576	.20677
#3	9.9307	.42003	.29517	-.15510	.99032	.67651	.20657

Sample Name: PB116519BS Acquired: 1/23/2019 17:32:53 Type: Unk
 Method: P4-ICP2(v2773) 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	.19714	F 5.306	.20573	F 3.6642	F 55.216
Stddev	.00235	.033	.00013	.0667	2.026
%RSD	1.1939	.6204	.06175	1.8208	3.6690
#1	.19598	5.272	.20571	3.6919	57.298
#2	.19985	5.338	.20586	3.5881	55.100
#3	.19560	5.309	.20561	3.7126	53.251
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.6	59725.	3793.9	6.4159	4139.8
Stddev	12.1	121.	27.6	.3058	10.2
%RSD	.38363	.20312	.72805	4.7657	.24529
#1	3161.6	59646.	3762.0	6.7568	4149.9
#2	3140.0	59864.	3809.7	6.1659	4129.6
#3	3141.3	59663.	3809.9	6.3250	4140.0

Sample Name: CCV03 Acquired: 1/23/2019 17:42:56 Type: Unk
Method: P4-ICP2(v2773) 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	4.9963	4.9880	4.8181	4.9688	4.9531	9.7319	9.5665	.24812
Stddev	.0206	.0217	.0211	.0337	.0346	.0360	.0835	.00008
%RSD	.41271	.43453	.43805	.67799	.69818	.36982	.87333	.03336
#1	4.9913	4.9793	4.8111	4.9441	4.9522	9.7200	9.4851	.24813
#2	5.0189	5.0127	4.8418	5.0072	4.9882	9.7034	9.6520	.24803
#3	4.9786	4.9720	4.8014	4.9552	4.9191	9.7723	9.5623	.24820
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3752	25.947	.98865	2.4070	1.2361	F 5.5863	2.4490	24.853
Stddev	.0100	.195	.00178	.0108	.0069	1.2084	.0039	.262
%RSD	.42191	.75135	.17982	.44736	.55490	21.632	.16053	1.0546
#1	2.3705	25.735	.98660	2.4021	1.2330	5.6596	2.4456	24.744
#2	2.3867	25.986	.98963	2.4194	1.2439	4.3428	2.4482	24.664
#3	2.3683	26.119	.98972	2.3996	1.2313	6.7563	2.4533	25.152
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4480	1.2446	24.171	2.4494	2.7313	23.658	5.0084	4.6904
Stddev	.0090	.0040	.140	.0034	.5530	.184	.0218	.0490
%RSD	.36691	.32378	.58077	.13838	20.247	.77757	.43607	1.0436
#1	2.4443	1.2403	24.018	2.4515	2.7911	23.447	4.9985	4.6354
#2	2.4582	1.2452	24.294	2.4455	2.1508	23.784	5.0334	4.7293
#3	2.4415	1.2483	24.201	2.4511	3.2520	23.742	4.9932	4.7064
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1220	4.9415	4.8160	4.8940	4.7643	4.801	4.9909	5.1231
Stddev	.0661	.0193	.0191	.0323	.0382	.031	.0323	.2020
%RSD	1.2910	.39005	.39645	.65917	.80146	.6446	.64828	3.9426
#1	5.1794	4.9231	4.7997	4.8601	4.7326	4.778	4.9589	4.9366
#2	5.1367	4.9399	4.8370	4.8977	4.8067	4.836	5.0236	5.3377
#3	5.0497	4.9616	4.8113	4.9243	4.7537	4.789	4.9901	5.0952

Sample Name: CCV03 Acquired: 1/23/2019 17:42:56 Type: Unk
Method: P4-ICP2(v2773) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.5213
Stddev .9948
%RSD 18.018

#1 5.0021
#2 6.6683
#3 4.8936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3072.9	57507.	3848.4	5.7428	3777.2
Stddev	11.1	10.	8.5	1.2197	12.3
%RSD	.36171	.01749	.21963	21.239	.32619

#1	3075.9	57519.	3854.3	5.4627	3779.7
#2	3060.6	57502.	3838.7	7.0781	3763.8
#3	3082.2	57500.	3852.3	4.6874	3788.1

Sample Name: CCB03 Acquired: 1/23/2019 17:47:36 Type: Unk
Method: P4-ICP2(v2773) 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	-.00041	.00099	-.00041	.00043	.00161	-.00190	.01114
Stddev	.00213	.00212	.00027	.00144	.00112	.01184	.00552
%RSD	513.23	213.53	64.798	331.58	69.750	622.75	49.564

#1	-.00262	.00215	-.00052	-.00123	.00235	.01064	.01098
#2	-.00023	-.00145	-.00060	.00120	.00032	-.00345	.01675
#3	.00161	.00229	-.00011	.00133	.00217	-.01289	.00570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00001	.01800	-.00010	.00021	.00064	.00292
Stddev	.00009	.00005	.00166	.00017	.00007	.00029	.04814
%RSD	477.56	453.91	9.2431	175.88	32.649	45.674	1650.3

#1	.00010	.00006	.01933	-.00009	.00027	.00032	.03019
#2	-.00008	-.00003	.01614	-.00027	.00013	.00089	.03123
#3	.00004	.00001	.01854	.00007	.00023	.00072	-.05267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00590	.00057	-.00064	.26876	.00027	-.00056
Stddev	.00003	.02141	.00012	.00009	.01999	.00033	.00032
%RSD	51.484	362.75	21.233	13.792	7.4364	124.66	57.382

#1	-.00003	.01207	.00065	-.00054	.29013	.00058	-.00021
#2	-.00008	-.02959	.00064	-.00068	.26561	-.00008	-.00064
#3	-.00008	-.00019	.00043	-.00069	.25053	.00030	-.00083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02729	-.00010	.00923	F -.12450	.00415	-.00034	-.00000
Stddev	.01579	.00005	.00752	.01540	.00101	.00068	.00285
%RSD	57.856	56.197	81.505	12.368	24.343	202.98	241430.

#1	.02736	-.00013	.00660	-.13603	.00328	.00009	-.00063
#2	.04304	-.00013	.01771	-.10702	.00393	-.00112	-.00249
#3	.01147	-.00003	.00337	-.13047	.00526	.00003	.00311

Sample Name: CCB03 Acquired: 1/23/2019 17:47:36 Type: Unk
Method: P4-ICP2(v2773) 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	-.00140	-.0008	.00008	F 3.1796	F 5.4239
Stddev	.00253	.0005	.00007	.1181	2.3295
%RSD	179.80	65.64	78.579	3.7153	42.949
#1	-.00405	-.0002	.00015	3.2492	8.1137
#2	-.00114	-.0012	.00008	3.2464	4.0998
#3	.00098	-.0009	.00002	3.0432	4.0583
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3168.2	60436.	3829.0	6.7545	4287.3
Stddev	13.8	113.	4.8	1.7364	9.8
%RSD	.43471	.18726	.12436	25.707	.22796
#1	3167.6	60332.	3825.0	4.8409	4276.6
#2	3182.3	60419.	3827.7	7.1932	4295.8
#3	3154.8	60556.	3834.3	8.2295	4289.6