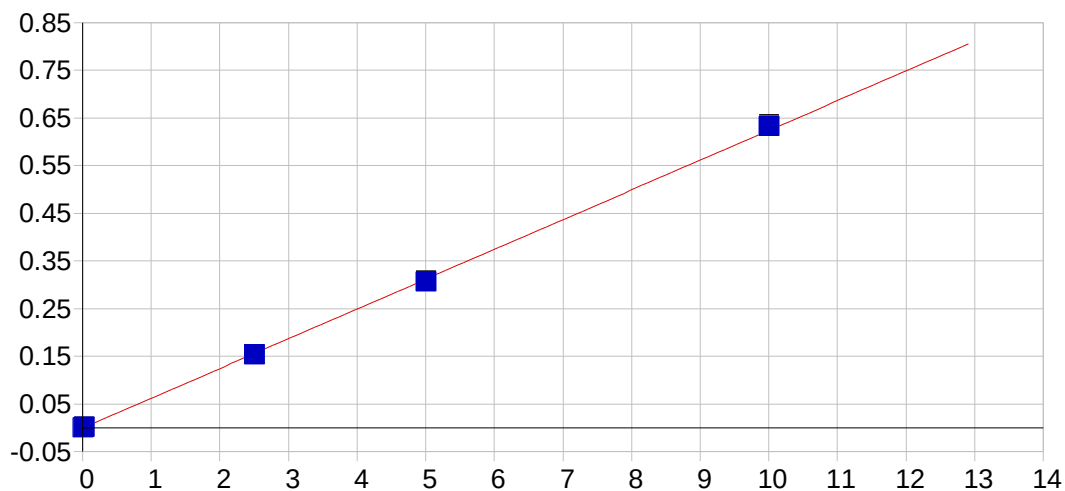


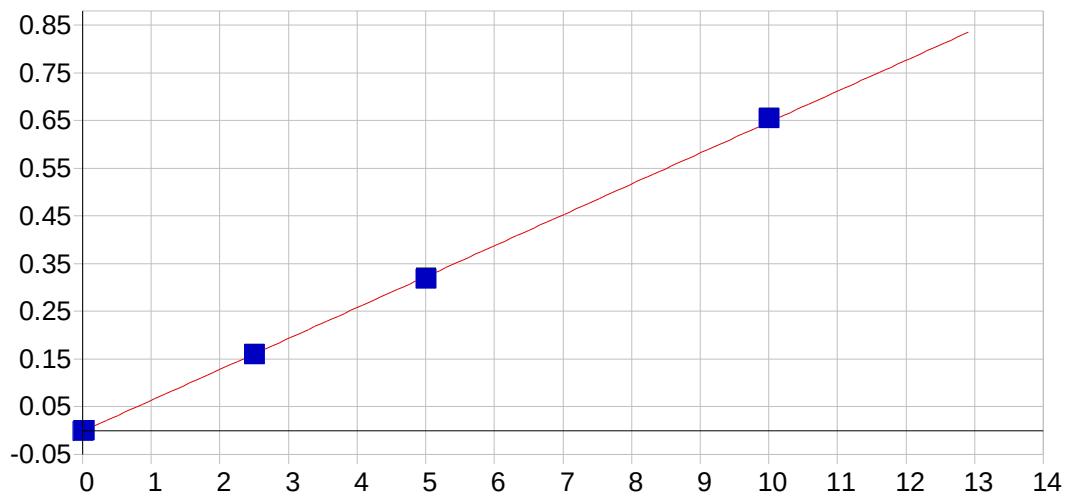


As 189.042 {478}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000606 Re-Slope: 1.000000
 A1 (Gain): 0.062459 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.004348
 Predicted MQL: 0.014493

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00061	.000	1
S1	.02000	.01878	-.001	-6.11	.00057	.000	1
S3	2.5000	2.4602	-.040	-1.59	.15305	.000	1
S4	5.0000	4.9110	-.089	-1.78	.30611	.001	1
S5	10.000	10.130	.130	1.30	.63207	.003	1



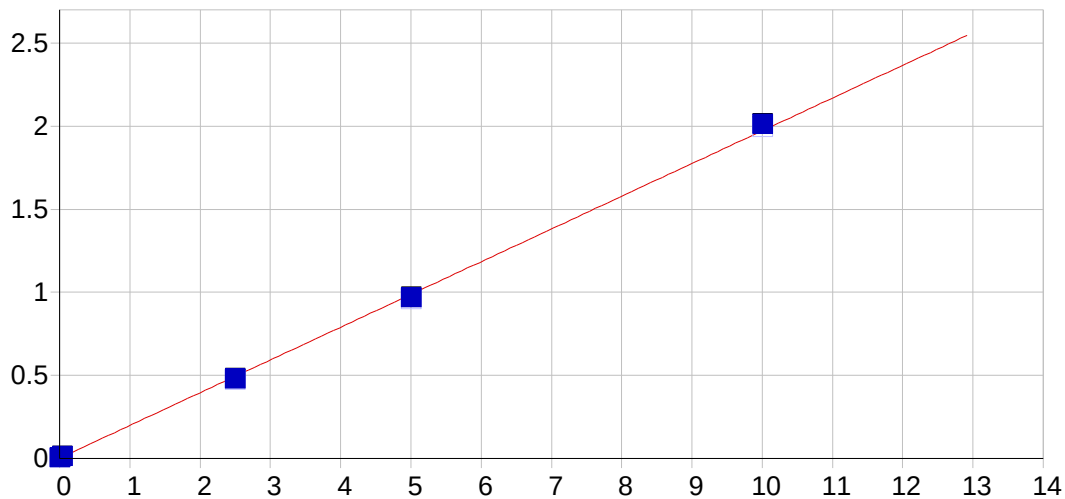
As 189.042 {479}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001293 Re-Slope: 1.000000

A1 (Gain): 0.064806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003449
 Predicted MQL: 0.011496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00129	.000	1
S1	.02000	.01664	-.003	-16.8	-.00022	.000	1
S3	2.5000	2.4693	-.031	-1.23	.15866	.001	1
S4	5.0000	4.9231	-.077	-1.54	.31762	.002	1
S5	10.000	10.111	.111	1.11	.65369	.000	1

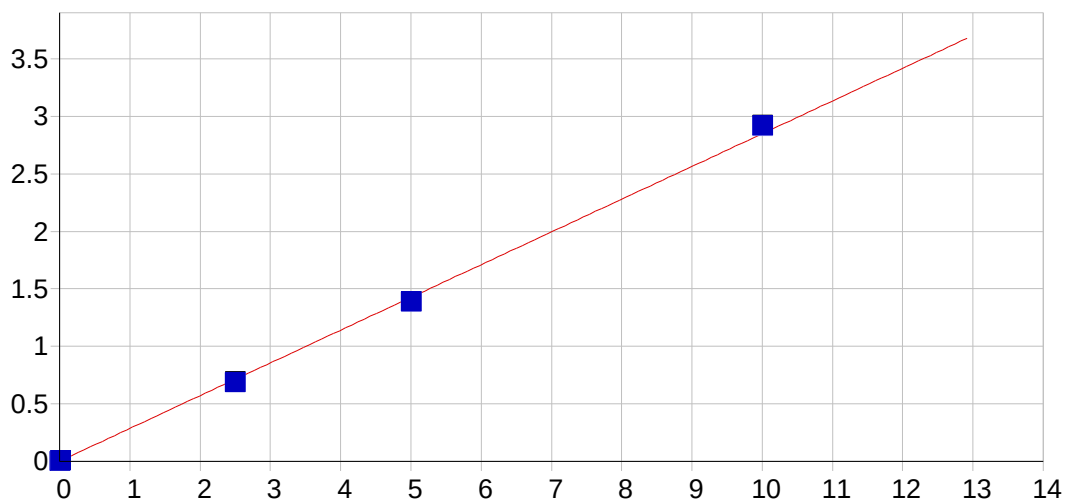


TI 190.856 {477}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002081 Re-Slope: 1.000000
 A1 (Gain): 0.196997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.001386
 Predicted MQL: 0.004620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00208	.000	1
S1	.04000	.03976	-.000	-.598	.00971	.000	1
S3	2.5000	2.4064	-.094	-3.74	.47109	.003	1
S4	5.0000	4.8886	-.111	-2.23	.95502	.004	1
S5	10.000	10.205	.205	2.05	1.9923	.001	1

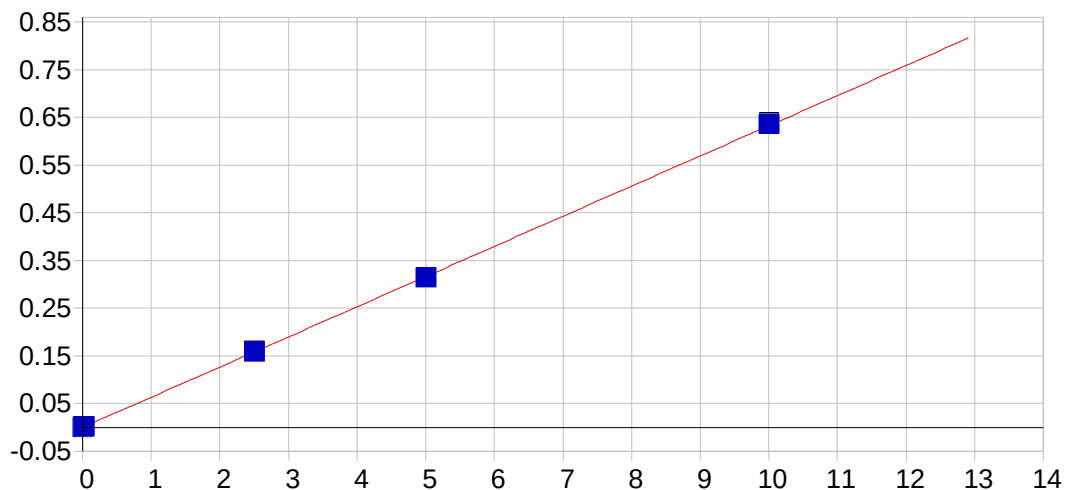


Pb 220.353 {453}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002329 Re-Slope: 1.000000
 A1 (Gain): 0.284615 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999609 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.001412
 Predicted MQL: 0.004706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00233	.001	1
S1	.01200	.01070	-.001	-10.8	.00530	.000	1
S3	2.5000	2.4040	-.096	-3.84	.68544	.004	1
S4	5.0000	4.8573	-.143	-2.85	1.3826	.002	1
S5	10.000	10.240	.240	2.40	2.9124	.003	1



Se 196.090 {472}

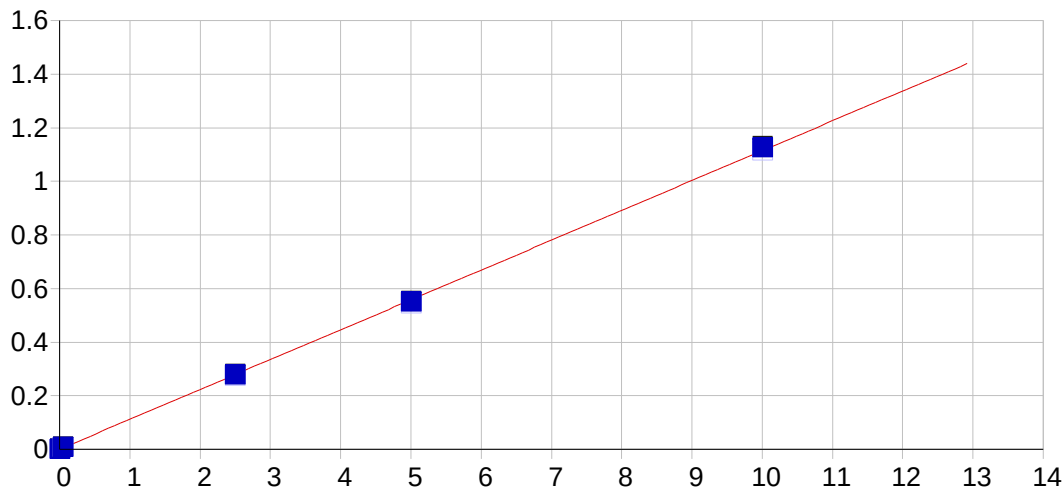
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.063252 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973
 Std Error of Est: 0.000011
 Predicted MDL: 0.004236
 Predicted MQL: 0.014121

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.02000	.01826	-.002	-8.71	.00129	.000	1
S3	2.5000	2.5028	.003	.110	.15841	.001	1
S4	5.0000	4.9485	-.052	-1.03	.31307	.001	1
S5	10.000	10.050	.050	.505	.63571	.003	1



Sb 206.833 {463}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

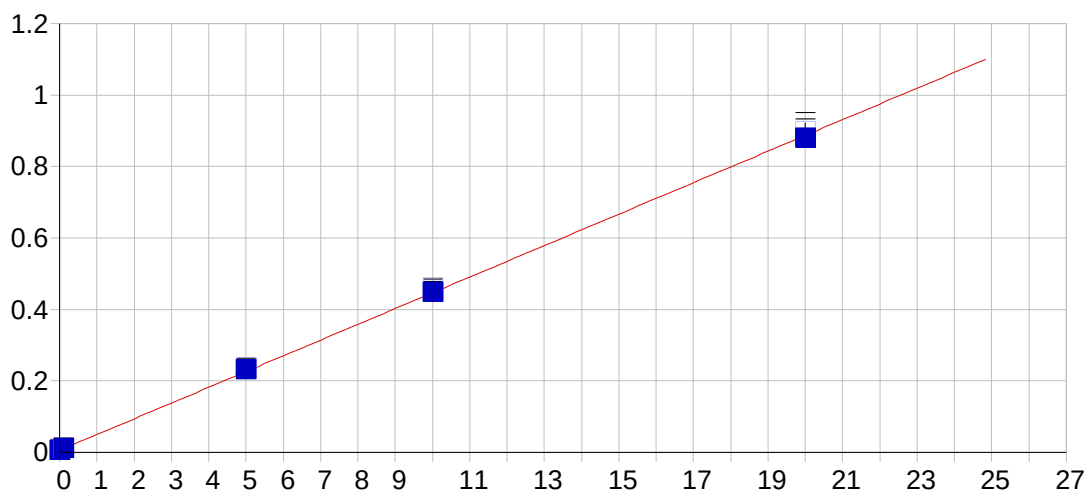
Weighting: 1/Conc

A0 (Offset): 0.000511
 A1 (Gain): 0.111383
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000050
 Predicted MDL: 0.002791
 Predicted MQL: 0.009304

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	.00051	.000	1
S1	.05000	.05120	.001	2.40	.00607	.000	1
S3	2.5000	2.4751	-.025	-.997	.27306	.002	1
S4	5.0000	4.9244	-.076	-1.51	.54275	.003	1
S5	10.000	10.099	.099	.993	1.1129	.005	1

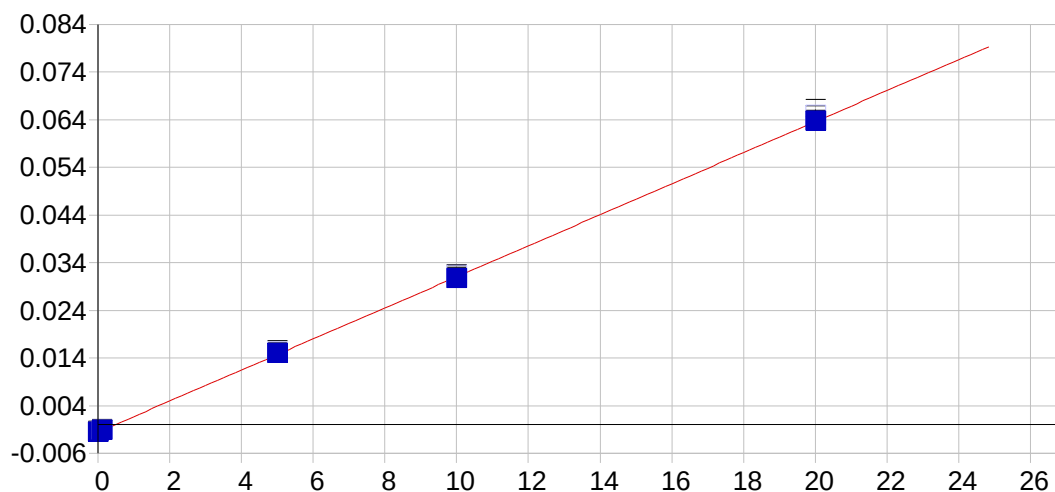


AI 308.215 {109}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005751 Re-Slope: 1.000000
 A1 (Gain): 0.044064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.003981
 Predicted MQL: 0.013269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00575	.000	1
S1	.10000	.10599	.006	5.99	.01073	.000	1
S3	5.0000	5.1161	.116	2.32	.23557	.001	1
S4	10.000	10.034	.034	.340	.45667	.001	1
S5	20.000	19.844	-.156	-.782	.89769	.025	1



AI 309.271 {109}

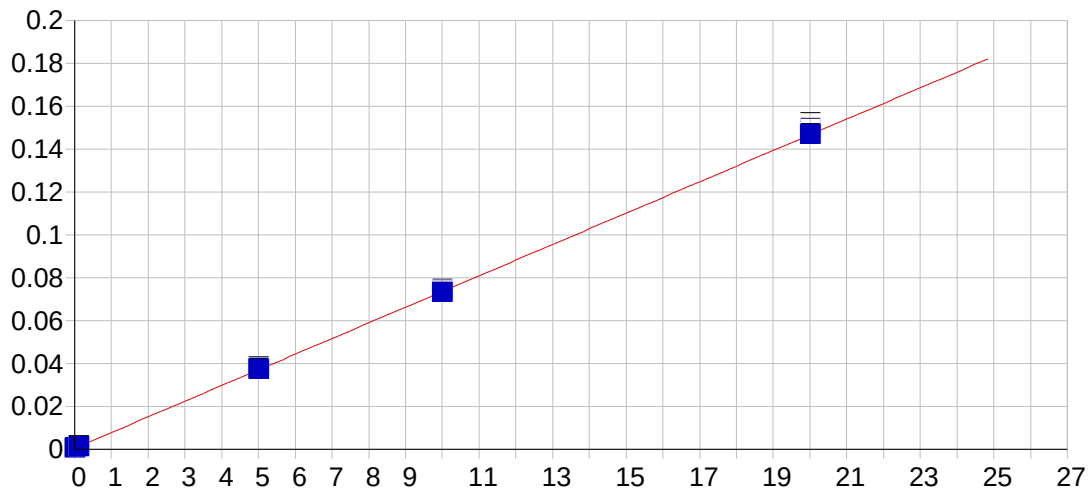
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001550 Re-Slope: 1.000000
 A1 (Gain): 0.003258 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000002
 Predicted MDL: 0.035904
 Predicted MQL: 0.119681

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00155	.000	1
S1	.10000	.11316	.013	13.2	-.00116	.000	1
S3	5.0000	5.0603	.060	1.21	.01526	.000	1
S4	10.000	9.8989	-.101	-1.01	.03135	.000	1
S5	20.000	20.027	.027	.135	.06499	.001	1



AI 396.152 { 85}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

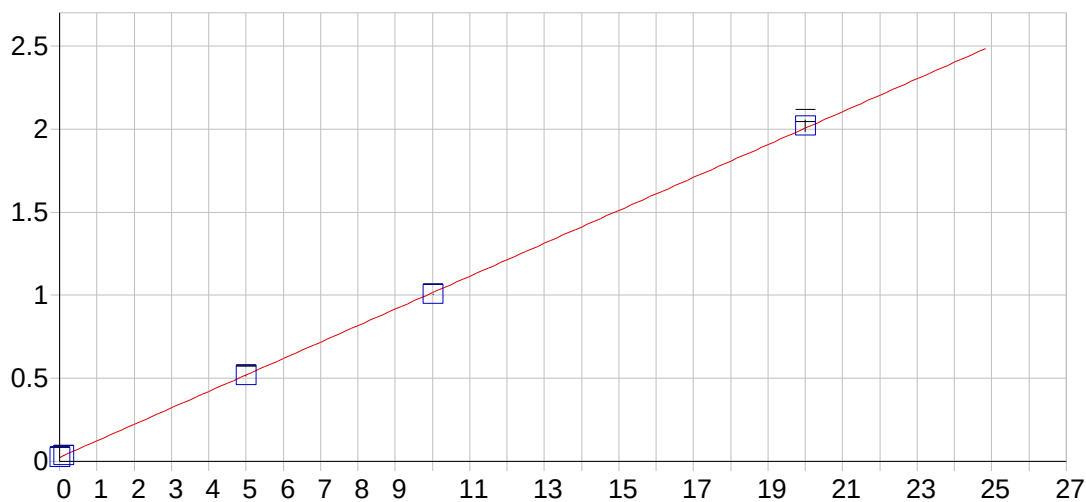
Weighting: 1/Conc

A0 (Offset): 0.000520
 A1 (Gain): 0.007309
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000003
 Predicted MDL: 0.020694
 Predicted MQL: 0.068982

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	.00052	.000	1
S1	.10000	.09687	-.003	-3.13	.00128	.000	1
S3	5.0000	5.0462	.046	.924	.03813	.000	1
S4	10.000	9.9310	-.069	-.690	.07456	.000	1
S5	20.000	20.026	.026	.131	.14980	.003	1

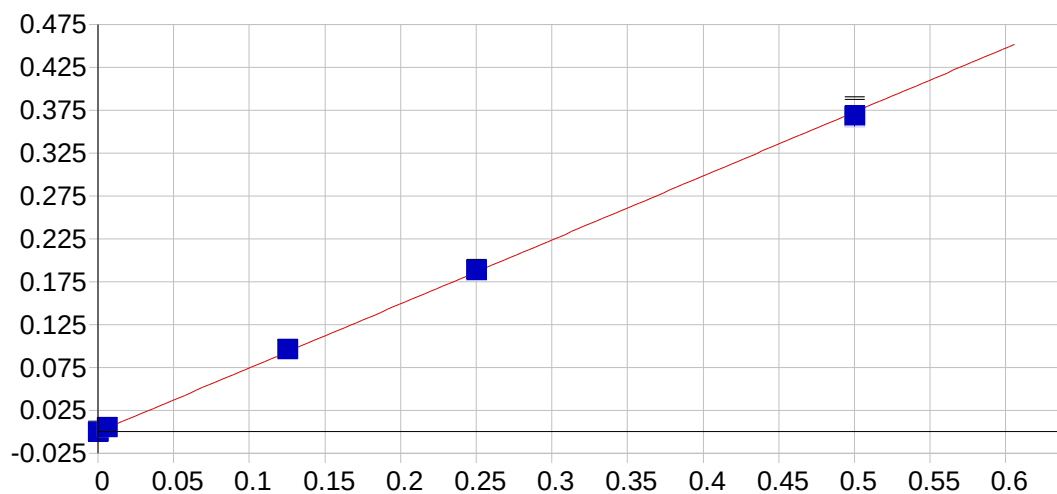


Ba 493.409 { 68}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024696 Re-Slope: 1.000000
 A1 (Gain): 0.099051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.003888
 Predicted MQL: 0.012961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02470	.001	1
S1	.10000	.09958	-.000	-.425	.03456	.001	1
S3	5.0000	4.9630	-.037	-.739	.51629	.002	1
S5	20.000	20.137	.137	.687	2.0193	.037	1
S4	10.000	9.9000	-.100	-1.000	1.0053	.000	1



Be 234.861 {144}

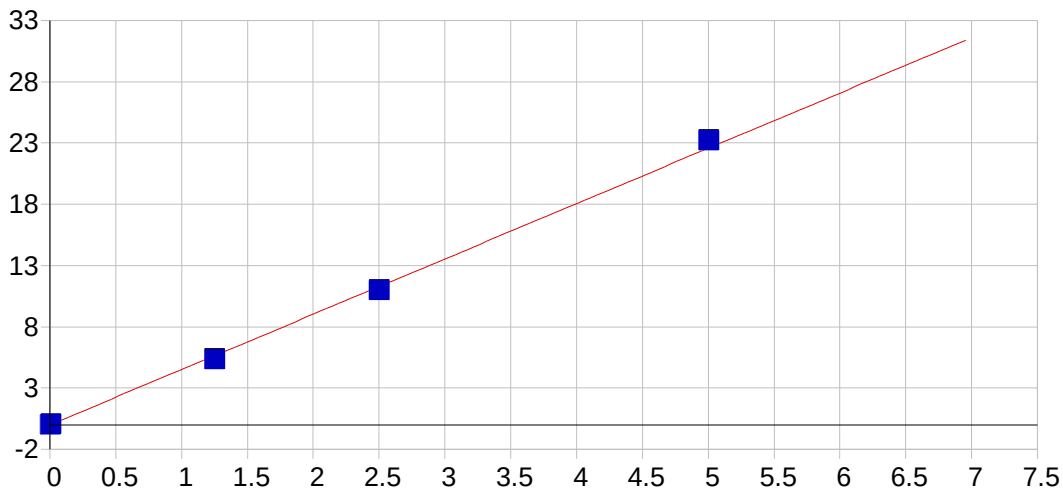
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.745988 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877
 Std Error of Est: 0.000035
 Predicted MDL: 0.000115
 Predicted MQL: 0.000384

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00630	.000	4.93	.00464	.000	1
S3	.12500	.12837	.003	2.70	.09517	.000	1
S4	.25000	.25266	.003	1.06	.18730	.001	1
S5	.50000	.49367	-.006	-1.27	.36592	.010	1



Cd 226.502 {449}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

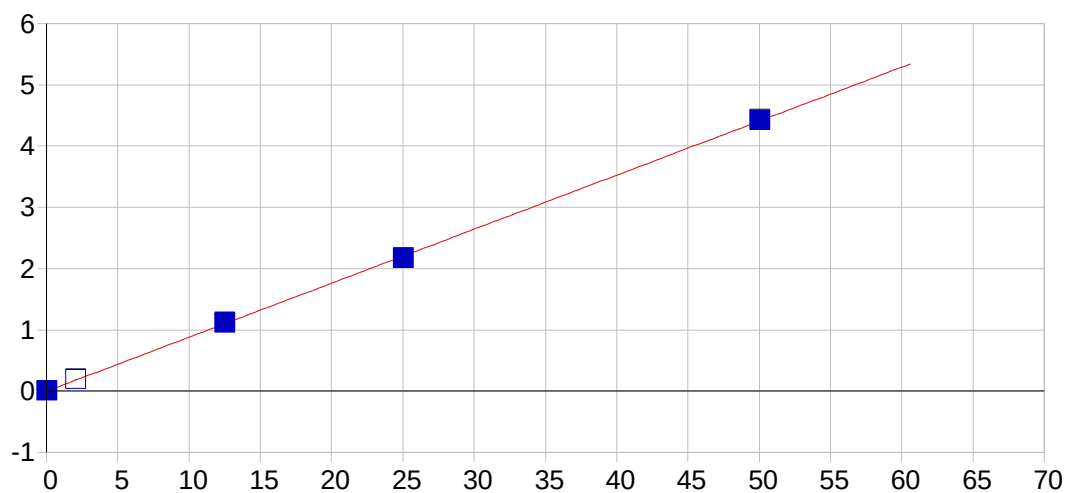
Weighting: 1/Conc

A0 (Offset): -0.006968
 A1 (Gain): 4.514932
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999472
 Std Error of Est: 0.001373
 Predicted MDL: 0.000115
 Predicted MQL: 0.000382

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	-.00697	.000	1
S1	.00600	.00585	-.000	-2.47	.01946	.000	1
S3	1.2500	1.1829	-.067	-5.37	5.3341	.046	1
S4	2.5000	2.4306	-.069	-2.78	10.967	.040	1
S5	5.0000	5.1366	.137	2.73	23.185	.024	1

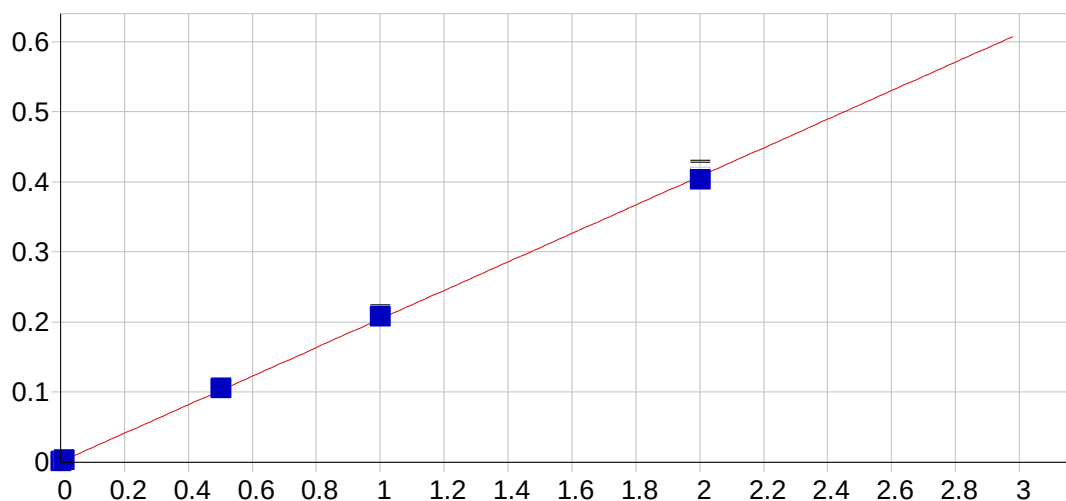


Ca 373.690 { 90}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001852 Re-Slope: 1.000000
 A1 (Gain): 0.088175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000728
 Predicted MDL: 0.018446
 Predicted MQL: 0.061488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1557	.156	7.79	.18823	.001	1
S0	.00000	-.00014	-.000	.000	-.00186	.001	1
S3	12.500	12.576	.076	.611	1.1077	.011	1
S4	25.000	24.577	-.423	-1.69	2.1664	.012	1
S5	50.000	50.191	.191	.381	4.4260	.005	1



Cr 267.716 {126}

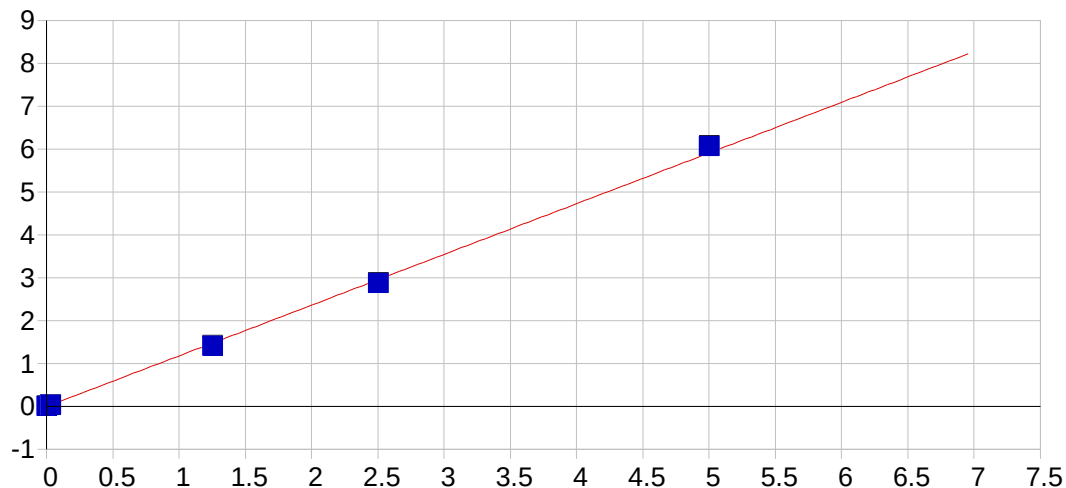
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000833 Re-Slope: 1.000000
 A1 (Gain): 0.203558 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000023
 Predicted MDL: 0.000619
 Predicted MQL: 0.002062

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00083	.000	1
S1	.01000	.01038	.000	3.85	.00296	.000	1
S3	.50000	.51141	.011	2.28	.10574	.000	1
S4	1.0000	1.0127	.013	1.27	.20858	.001	1
S5	2.0000	1.9755	-.024	-1.22	.40617	.010	1



Co 228.616 {447}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

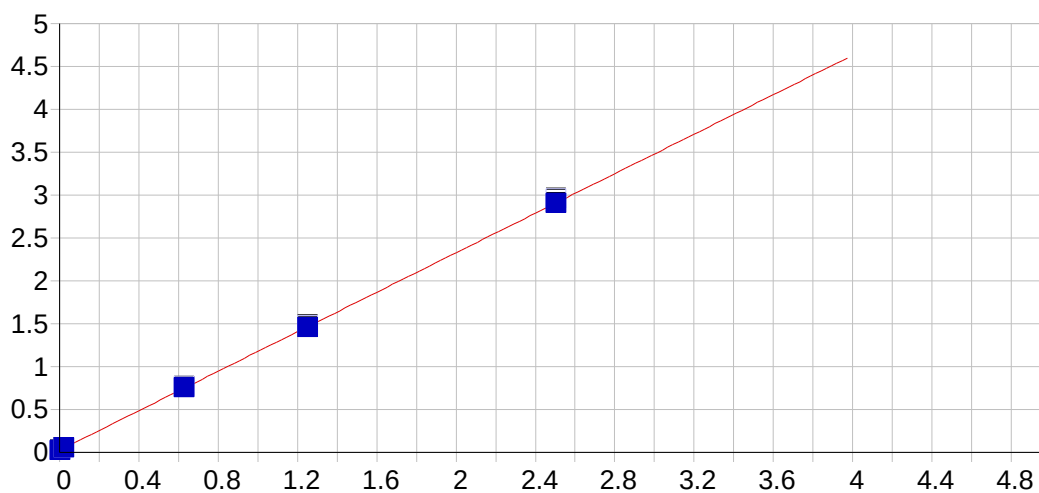
Weighting: 1/Conc

A0 (Offset): -0.003555
 A1 (Gain): 1.182778
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999558
 Std Error of Est: 0.000737
 Predicted MDL: 0.000321
 Predicted MQL: 0.001071

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	-.00355	.000	1
S1	.03000	.02986	-.000	-.473	.03152	.000	1
S3	1.2500	1.1933	-.057	-4.54	1.4090	.014	1
S4	2.5000	2.4298	-.070	-2.81	2.8727	.011	1
S5	5.0000	5.1271	.127	2.54	6.0653	.007	1

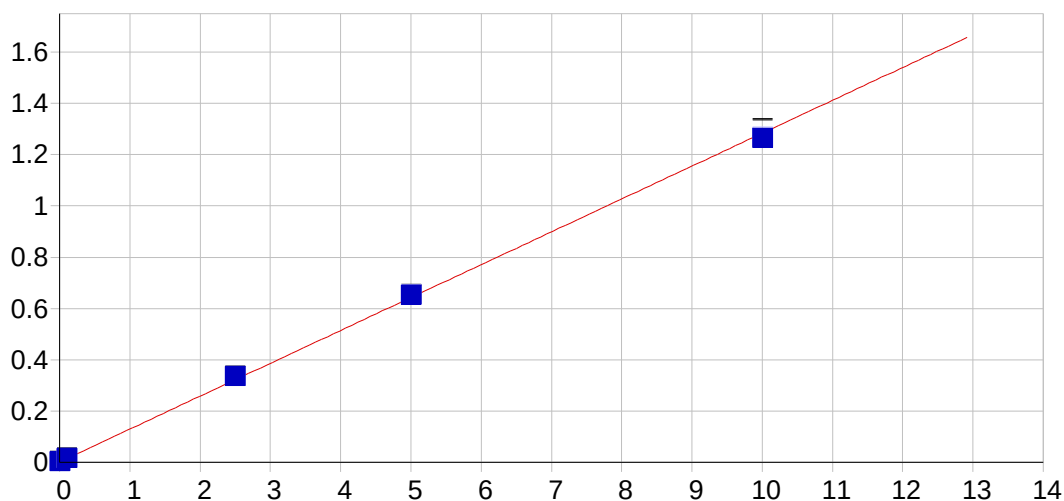


Cu 224.700 {450}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025444 Re-Slope: 1.000000
 A1 (Gain): 1.151403 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000134
 Predicted MDL: 0.000466
 Predicted MQL: 0.001554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02544	.000	1
S1	.02000	.02210	.002	10.5	.05127	.000	1
S3	.62500	.63257	.008	1.21	.76599	.004	1
S4	1.2500	1.2393	-.011	-.856	1.4768	.006	1
S5	2.5000	2.5010	.001	.042	2.9540	.006	1



Fe 240.488 {140}

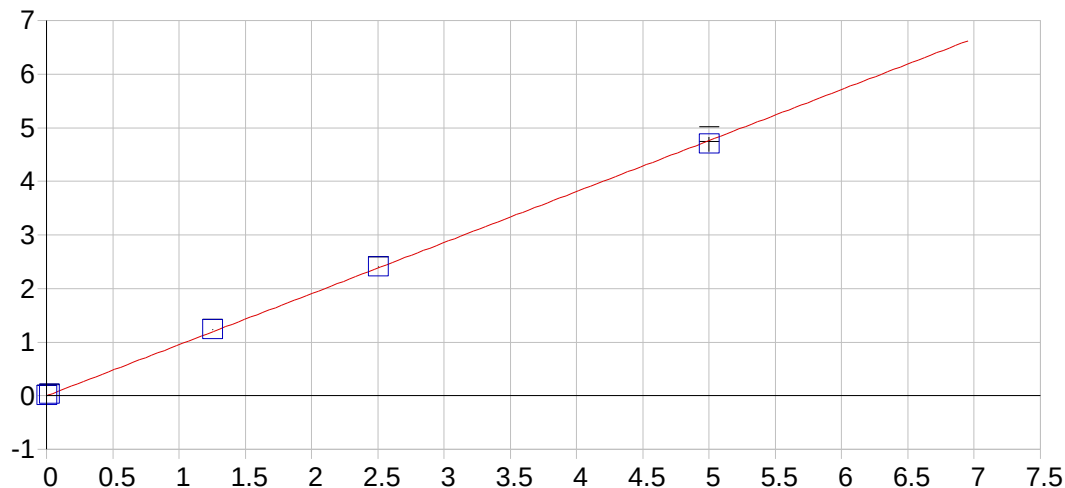
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001510 Re-Slope: 1.000000
 A1 (Gain): 0.128214 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783
 Std Error of Est: 0.000145
 Predicted MDL: 0.000917
 Predicted MQL: 0.003058

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00151	.000	1
S1	.10000	.10849	.008	8.49	.01548	.000	1
S3	2.5000	2.5911	.091	3.64	.33492	.001	1
S4	5.0000	5.0668	.067	1.34	.65354	.000	1
S5	10.000	9.8336	-.166	-1.66	1.2671	.033	1



Mn 257.610 {131}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

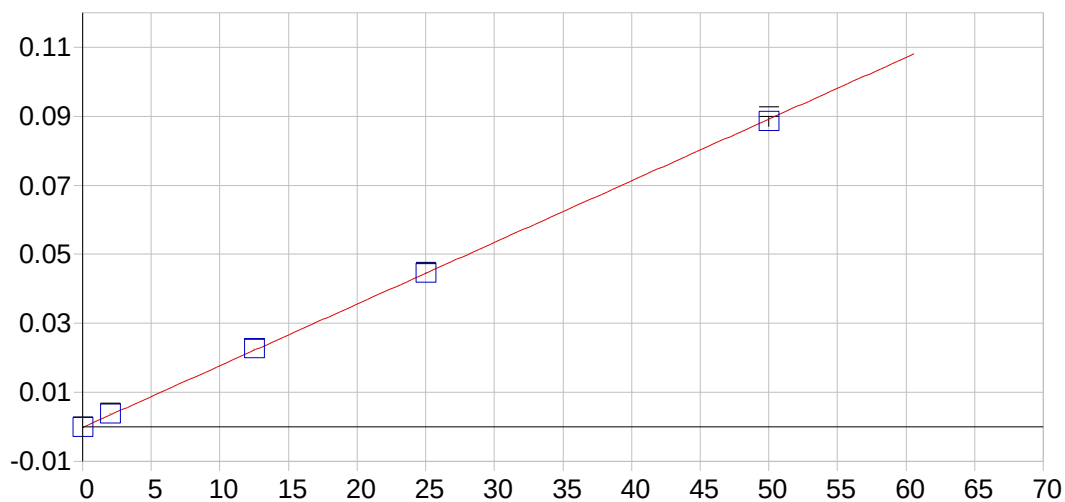
Weighting: 1/Conc

A0 (Offset): -0.000478
 A1 (Gain): 0.952260
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814
 Std Error of Est: 0.000314
 Predicted MDL: 0.000112
 Predicted MQL: 0.000373

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	-.00048	.000	1
S1	.02000	.02269	.003	13.5	.02113	.000	1
S3	1.2500	1.2949	.045	3.59	1.2326	.005	1
S4	2.5000	2.5248	.025	.993	2.4038	.004	1
S5	5.0000	4.9276	-.072	-1.45	4.6919	.134	1

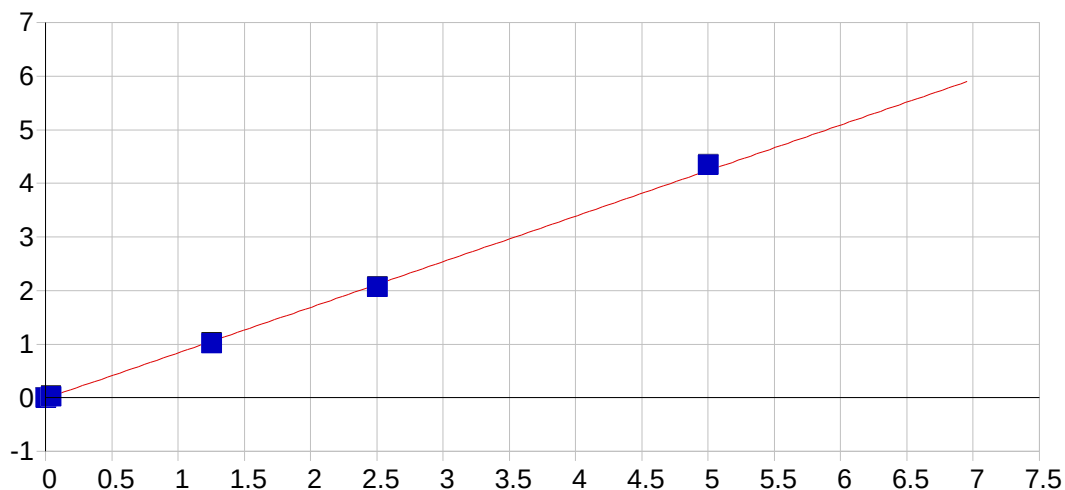


Mg 279.079 {121}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.001786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.042181
 Predicted MQL: 0.140602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2065	.207	10.3	.00379	.000	1
S0	.00000	-.00022	-.000	.000	-.00015	.000	1
S3	12.500	12.724	.224	1.79	.02258	.000	1
S4	25.000	24.994	-.006	-.024	.04450	.000	1
S5	50.000	49.576	-.424	-.848	.08841	.001	1



Ni 231.604 {445}

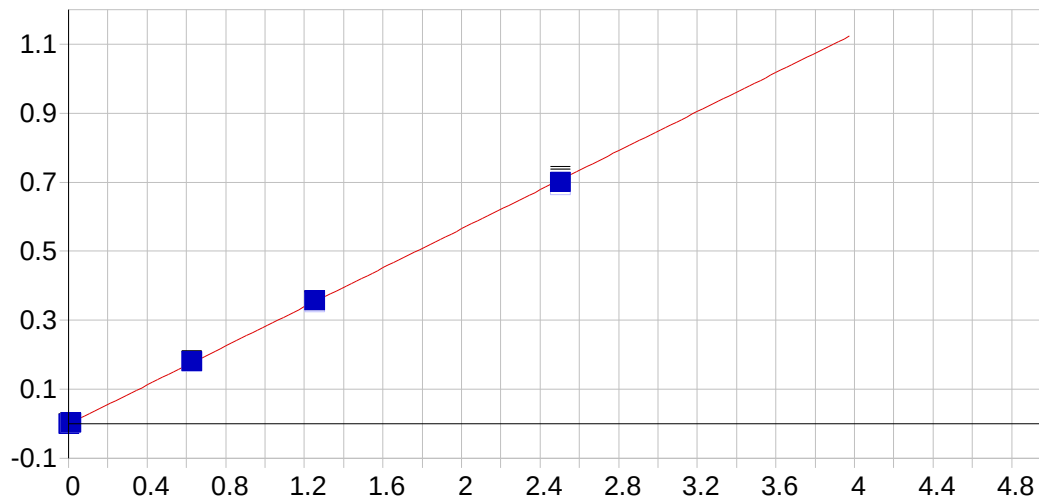
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014209 Re-Slope: 1.000000
 A1 (Gain): 0.850355 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999642
 Std Error of Est: 0.000551
 Predicted MDL: 0.000534
 Predicted MQL: 0.001779

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01421	.000	1
S1	.04000	.04037	.000	.915	.02014	.001	1
S3	1.2500	1.2030	-.047	-3.76	1.0099	.006	1
S4	2.5000	2.4314	-.069	-2.74	2.0557	.008	1
S5	5.0000	5.1153	.115	2.31	4.3402	.005	1



Ag 328.068 {103}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

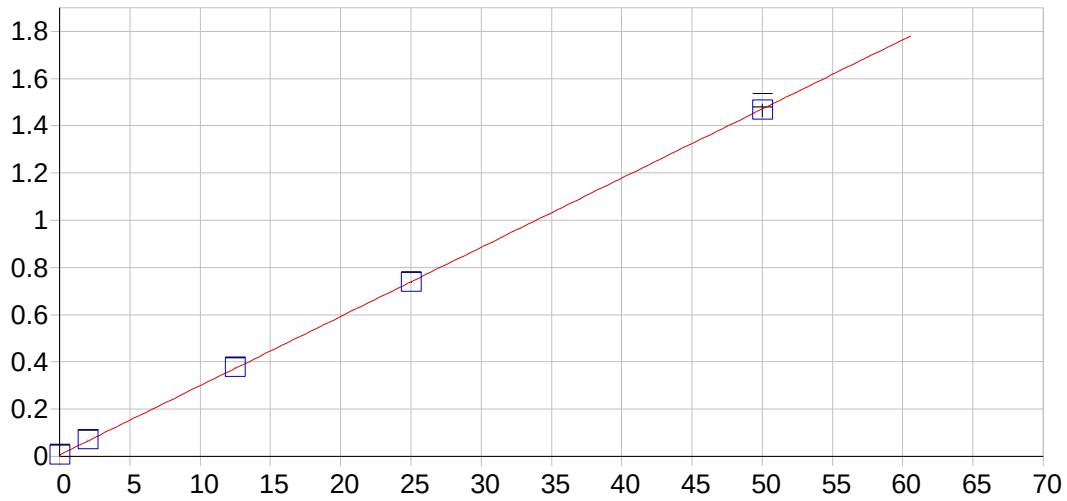
Weighting: 1/Conc

A0 (Offset): -0.000787
 A1 (Gain): 0.282863
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000033
 Predicted MDL: 0.000774
 Predicted MQL: 0.002579

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	-.00079	.000	1
S1	.01000	.01070	.001	7.00	.00218	.000	1
S3	.62500	.64077	.016	2.52	.17845	.001	1
S4	1.2500	1.2596	.010	.771	.35149	.001	1
S5	2.5000	2.4739	-.026	-1.04	.69094	.017	1

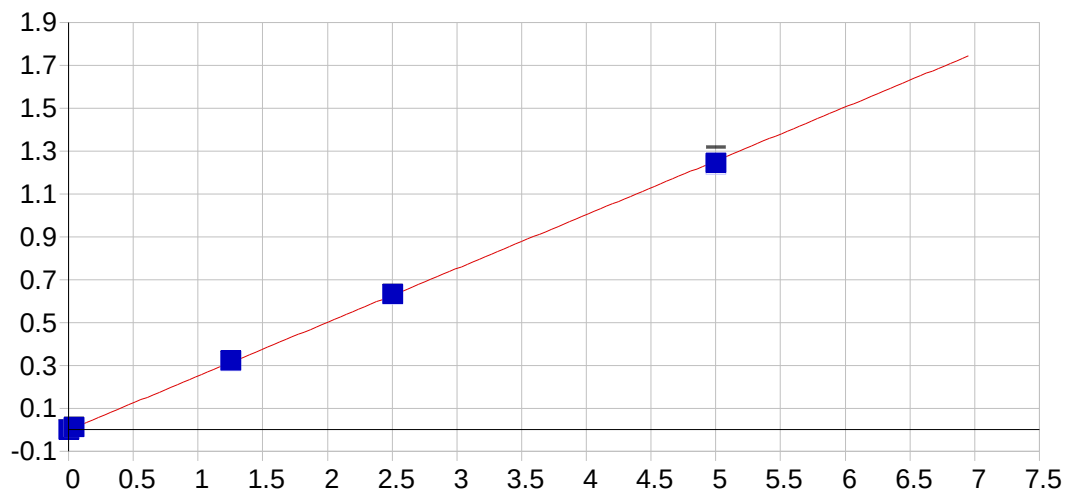


Na 589.592 { 57}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006646 Re-Slope: 1.000000
 A1 (Gain): 0.029293 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.012703
 Predicted MQL: 0.042343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1419	.142	7.09	.06939	.001	1
S0	.00000	-.00015	-.000	.000	.00664	.000	1
S3	12.500	12.617	.117	.934	.37622	.001	1
S4	25.000	24.952	-.048	-.192	.73755	.001	1
S5	50.000	49.789	-.211	-.421	1.4651	.029	1



V 292.402 {115}

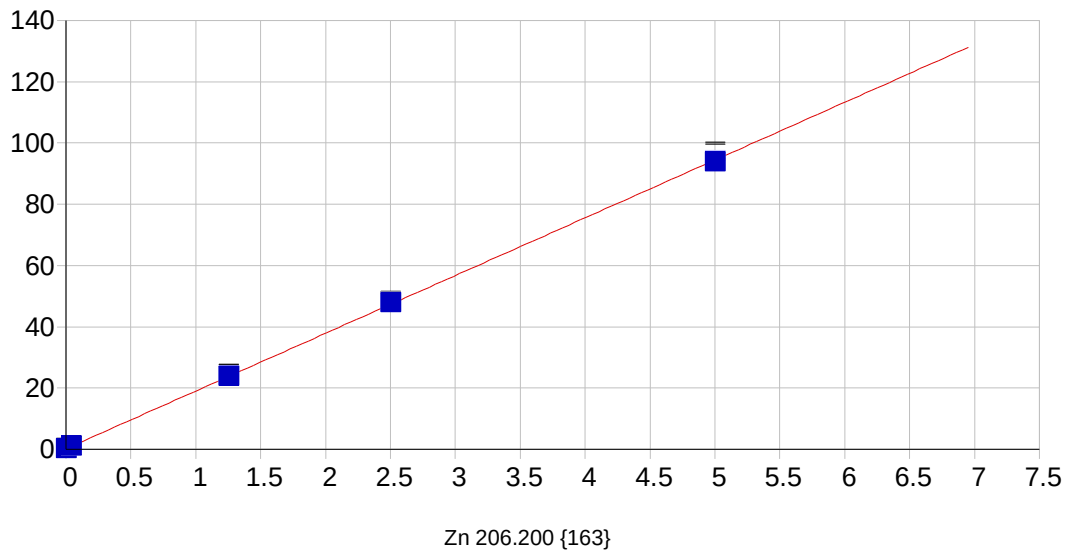
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.250959 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000066
 Predicted MDL: 0.000617
 Predicted MQL: 0.002058

Status: OK.

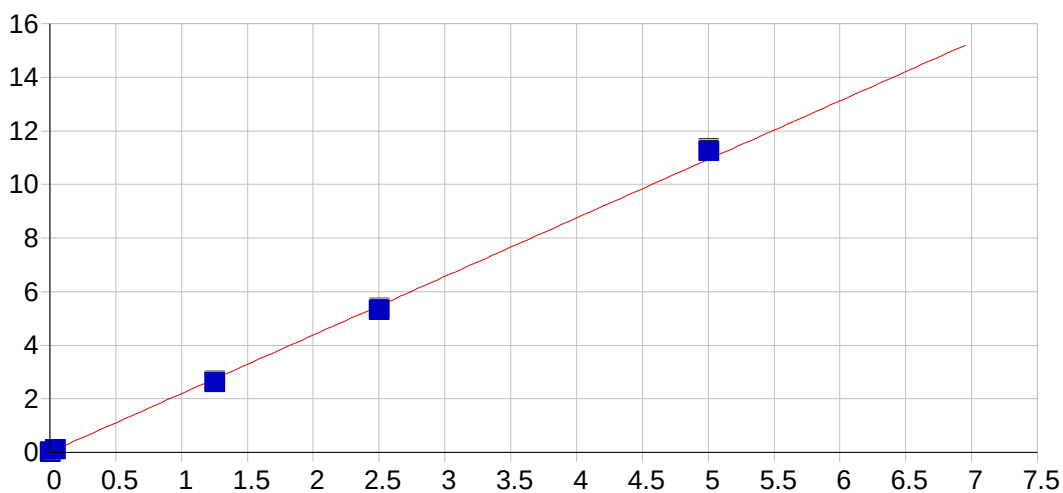
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.04000	.04149	.001	3.74	.01012	.000	1
S3	1.2500	1.2753	.025	2.03	.31786	.001	1
S4	2.5000	2.5157	.016	.628	.62710	.001	1
S5	5.0000	4.9575	-.043	-.850	1.2358	.032	1



Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.177540 Re-Slope: 1.000000
 A1 (Gain): 18.852557 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.004802
 Predicted MDL: 0.000413
 Predicted MQL: 0.001378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.17746	.010	1
S1	.04000	.04388	.004	9.70	1.0097	.012	1
S3	1.2500	1.2574	.007	.593	24.026	.363	1
S4	2.5000	2.5261	.026	1.05	48.087	.196	1
S5	5.0000	4.9626	-.037	-.749	94.305	2.55	1

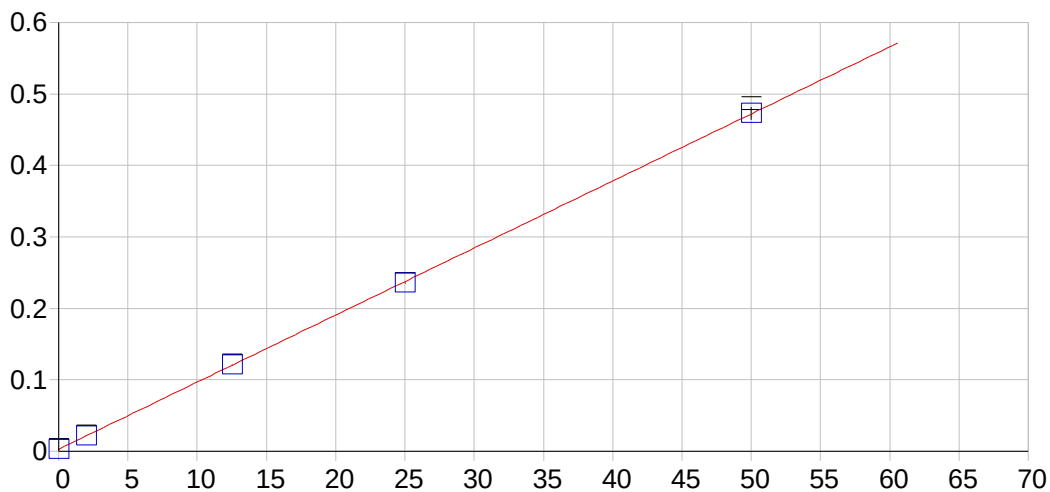


Zn 213.856 {458}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010218 Re-Slope: 1.000000
 A1 (Gain): 2.184332 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999500 Status: OK.
 Std Error of Est: 0.001682
 Predicted MDL: 0.000145
 Predicted MQL: 0.000484

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01022	.000	1
S1	.04000	.03952	-.000	-1.19	.09716	.001	1
S3	1.2500	1.1881	-.062	-4.95	2.6229	.026	1
S4	2.5000	2.4267	-.073	-2.93	5.3457	.021	1
S5	5.0000	5.1357	.136	2.71	11.298	.011	1



K 766.490 {44}

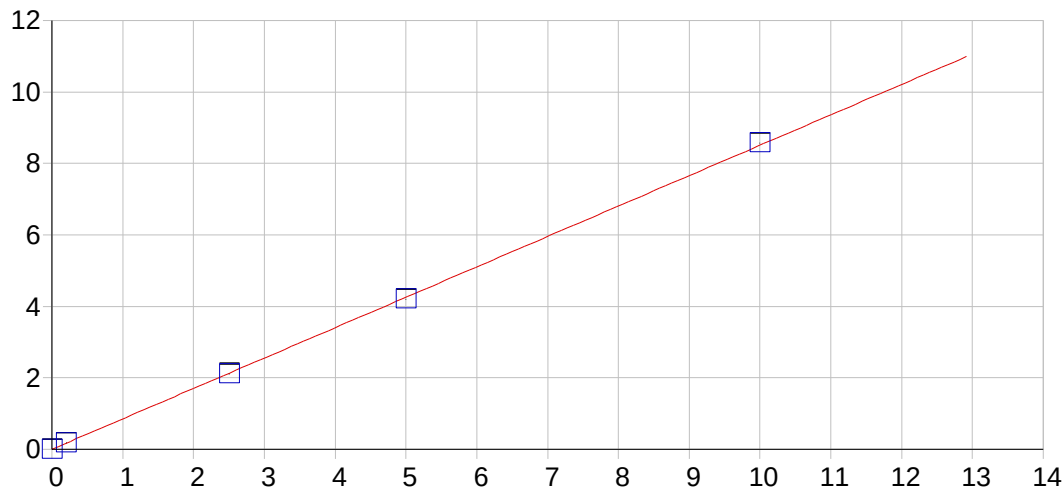
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002938 Re-Slope: 1.000000
 A1 (Gain): 0.009387 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000032
 Predicted MDL: 0.046994
 Predicted MQL: 0.156647

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0176	.018	.880	.02188	.001	1
S0	.00000	-.00002	-.000	.000	.00294	.000	1
S3	12.500	12.618	.118	.942	.12139	.001	1
S4	25.000	24.776	-.224	-.896	.23552	.000	1
S5	50.000	50.089	.089	.177	.47314	.009	1



Mo 202.030 {467}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

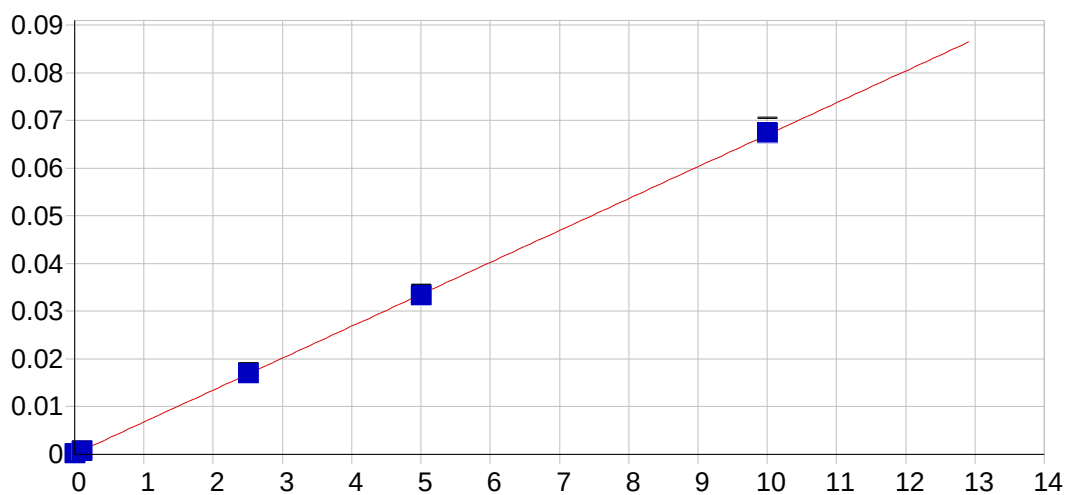
Weighting: 1/Conc

A0 (Offset): 0.000749
 A1 (Gain): 0.850854
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000669
 Predicted MDL: 0.000373
 Predicted MQL: 0.001242

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	.00074	.000	1
S1	.20000	.20908	.009	4.54	.17864	.002	1
S3	2.5000	2.4834	-.017	-.665	2.1137	.021	1
S4	5.0000	4.9359	-.064	-1.28	4.2005	.015	1
S5	10.000	10.072	.072	.717	8.5703	.015	1

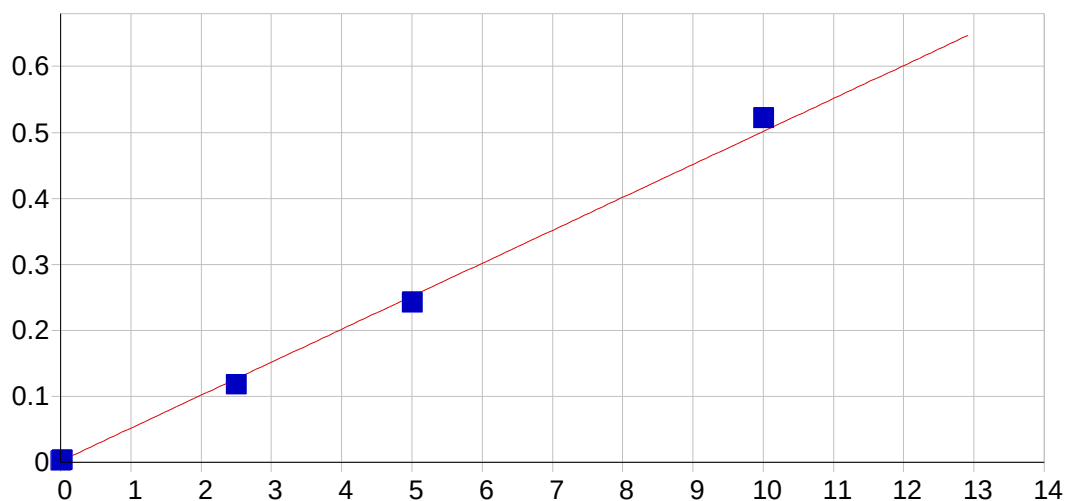


B 249.678 {135}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.006694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.008752
 Predicted MQL: 0.029172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00009	.000	1
S1	.10000	.09447	-.006	-5.53	.00072	.000	1
S3	2.5000	2.5094	.009	.376	.01685	.000	1
S4	5.0000	4.9533	-.047	-.934	.03317	.000	1
S5	10.000	10.043	.043	.428	.06716	.001	1



S 182.034 {485}

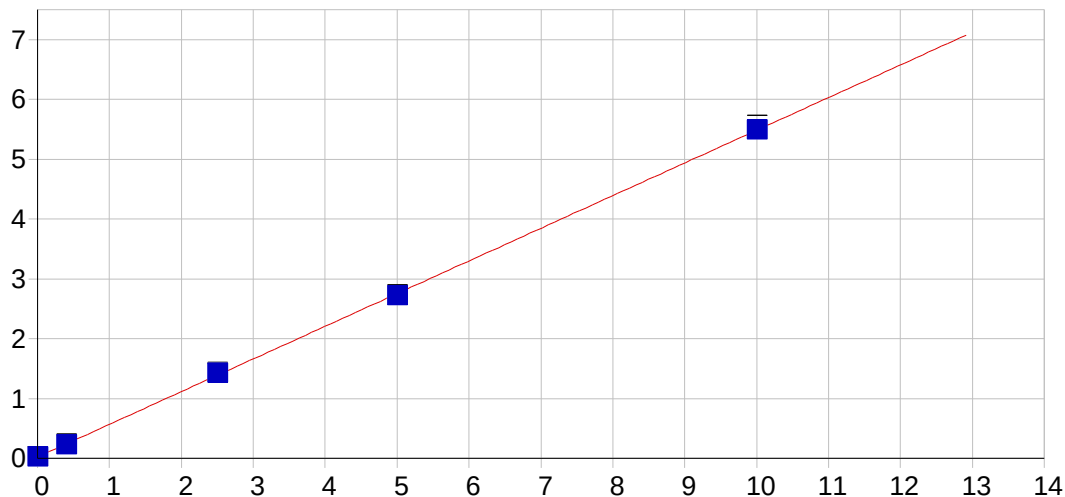
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001855 Re-Slope: 1.000000
 A1 (Gain): 0.049959 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998907
 Std Error of Est: 0.000056
 Predicted MDL: 0.004030
 Predicted MQL: 0.013433

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00185	.000	1
S1	.02000	.01906	-.001	-4.71	.00278	.000	1
S3	2.5000	2.3153	-.185	-7.39	.11738	.000	1
S4	5.0000	4.7893	-.211	-4.21	.24084	.001	1
S5	10.000	10.396	.396	3.96	.52068	.001	1



Si 288.158 {117}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

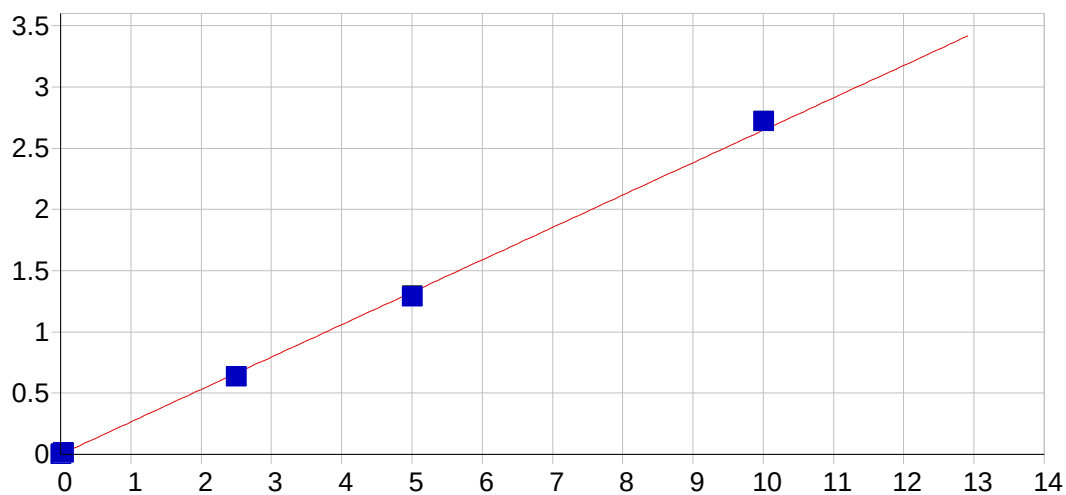
Weighting: 1/Conc

A0 (Offset): 0.022547
 A1 (Gain): 0.546118
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904
 Std Error of Est: 0.000825
 Predicted MDL: 0.003118
 Predicted MQL: 0.010393

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	.02255	.001	1
S1	.40000	.37978	-.020	-5.06	.22977	.002	1
S3	2.5000	2.5663	.066	2.65	1.4233	.012	1
S4	5.0000	4.9436	-.056	-1.13	2.7209	.009	1
S5	10.000	10.010	.010	.103	5.4864	.074	1

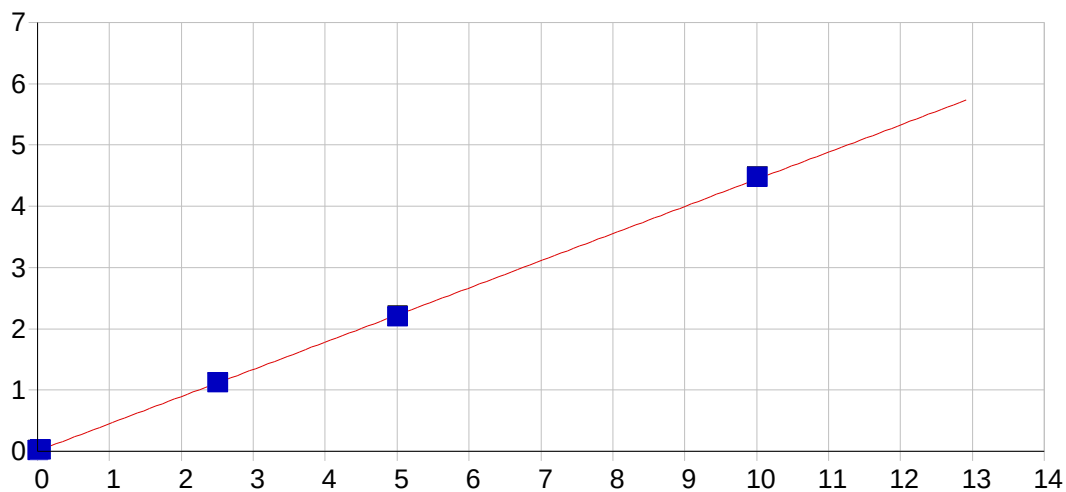


Sn 189.989 {477}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000917 Re-Slope: 1.000000
 A1 (Gain): 0.264506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.000280
 Predicted MDL: 0.000859
 Predicted MQL: 0.002864

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00092	.000	1
S1	.04000	.03603	-.004	-9.94	.01044	.000	1
S3	2.5000	2.3803	-.120	-4.79	.63062	.004	1
S4	5.0000	4.8616	-.138	-2.77	1.2871	.006	1
S5	10.000	10.262	.262	2.62	2.7158	.003	1



Ti 336.121 {100}

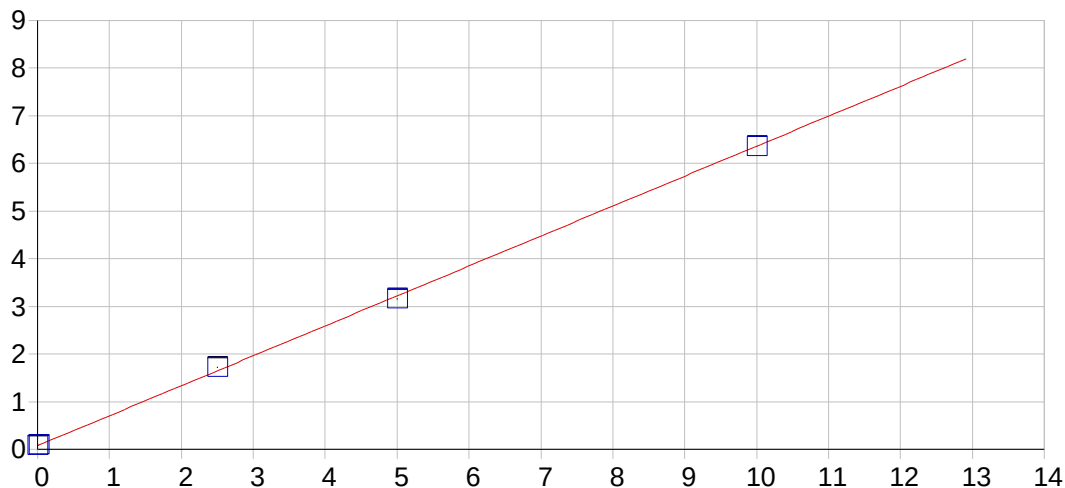
Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007560 Re-Slope: 1.000000
 A1 (Gain): 0.443265 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000128
 Predicted MDL: 0.002372
 Predicted MQL: 0.007905

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00756	.001	1
S1	.04000	.03880	-.001	-3.01	.02475	.001	1
S3	2.5000	2.4960	-.004	-.161	1.1138	.007	1
S4	5.0000	4.9385	-.061	-1.23	2.1963	.010	1
S5	10.000	10.067	.067	.667	4.4692	.009	1



Li 670.784 { 50}

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

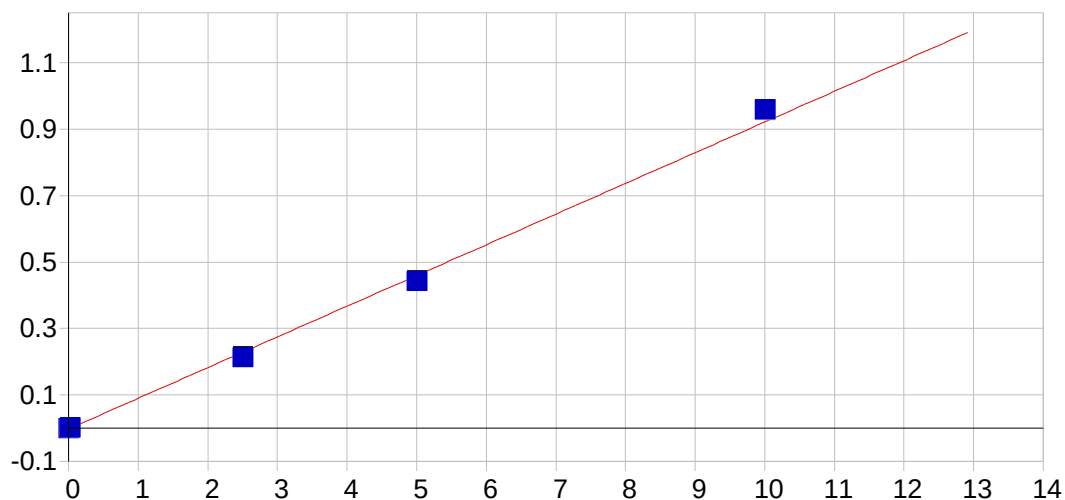
Weighting: 1/Conc

A0 (Offset): 0.076841
 A1 (Gain): 0.628590
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785
 Std Error of Est: 0.000315
 Predicted MDL: 0.006340
 Predicted MQL: 0.021133

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	.07684	.003	1
S1	.02000	.01883	-.001	-5.86	.08868	.005	1
S3	2.5000	2.6143	.114	4.57	1.7201	.011	1
S4	5.0000	4.8944	-.106	-2.11	3.1534	.010	1
S5	10.000	9.9925	-.007	-.075	6.3580	.009	1

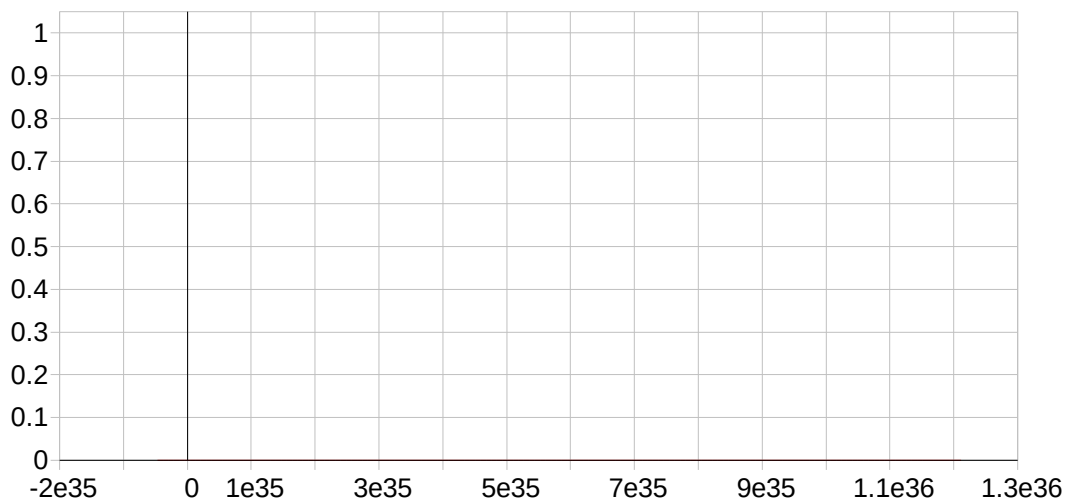


P 177.495 {490}

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002444 Re-Slope: 1.000000
 A1 (Gain): 0.092419 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998983 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.002165
 Predicted MQL: 0.007217

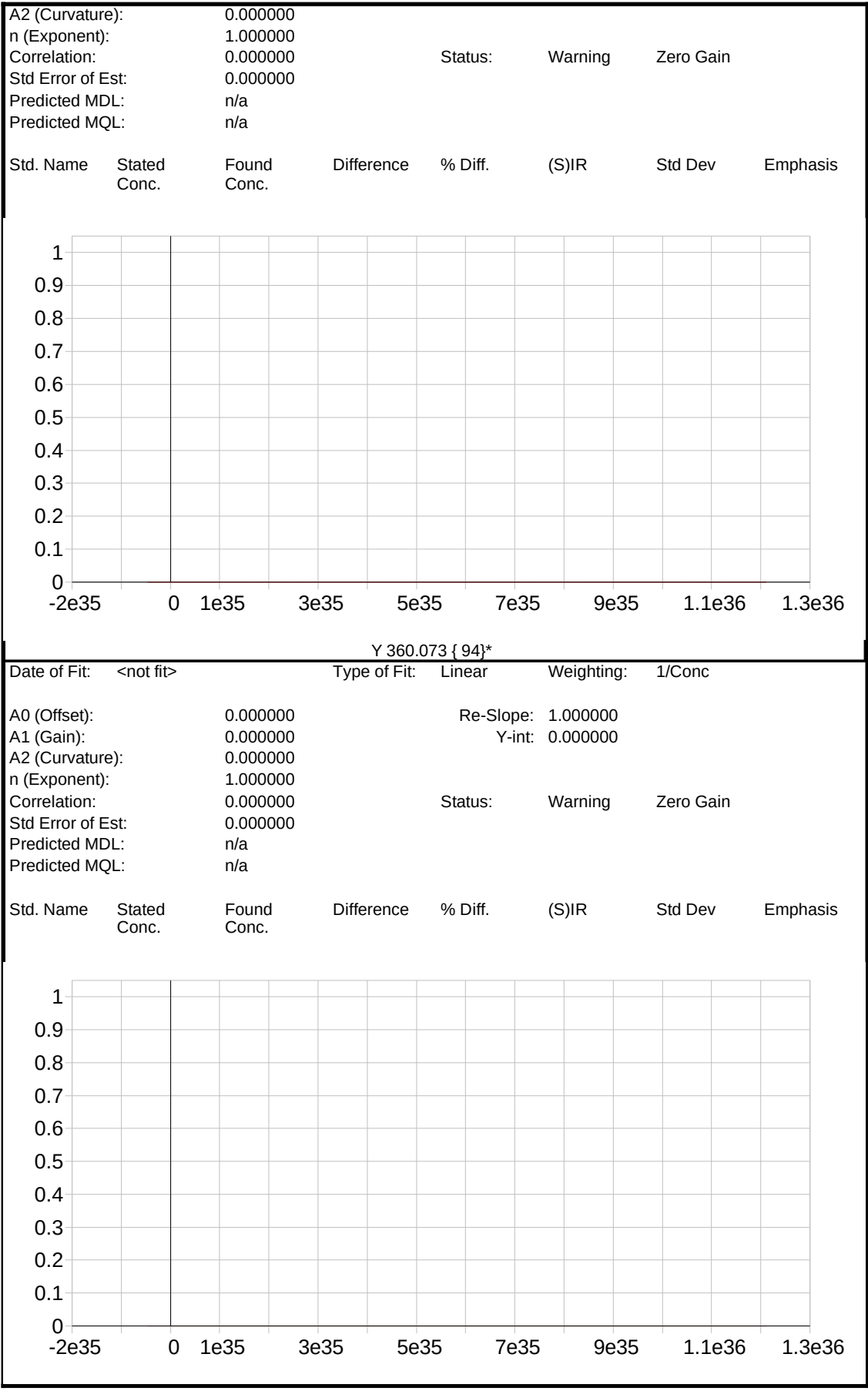
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00244	.000	1
S1	.02000	.01849	-.002	-7.56	-.00074	.000	1
S3	2.5000	2.3168	-.183	-7.33	.21134	.002	1
S4	5.0000	4.8048	-.195	-3.90	.44094	.002	1
S5	10.000	10.380	.380	3.80	.95552	.000	1

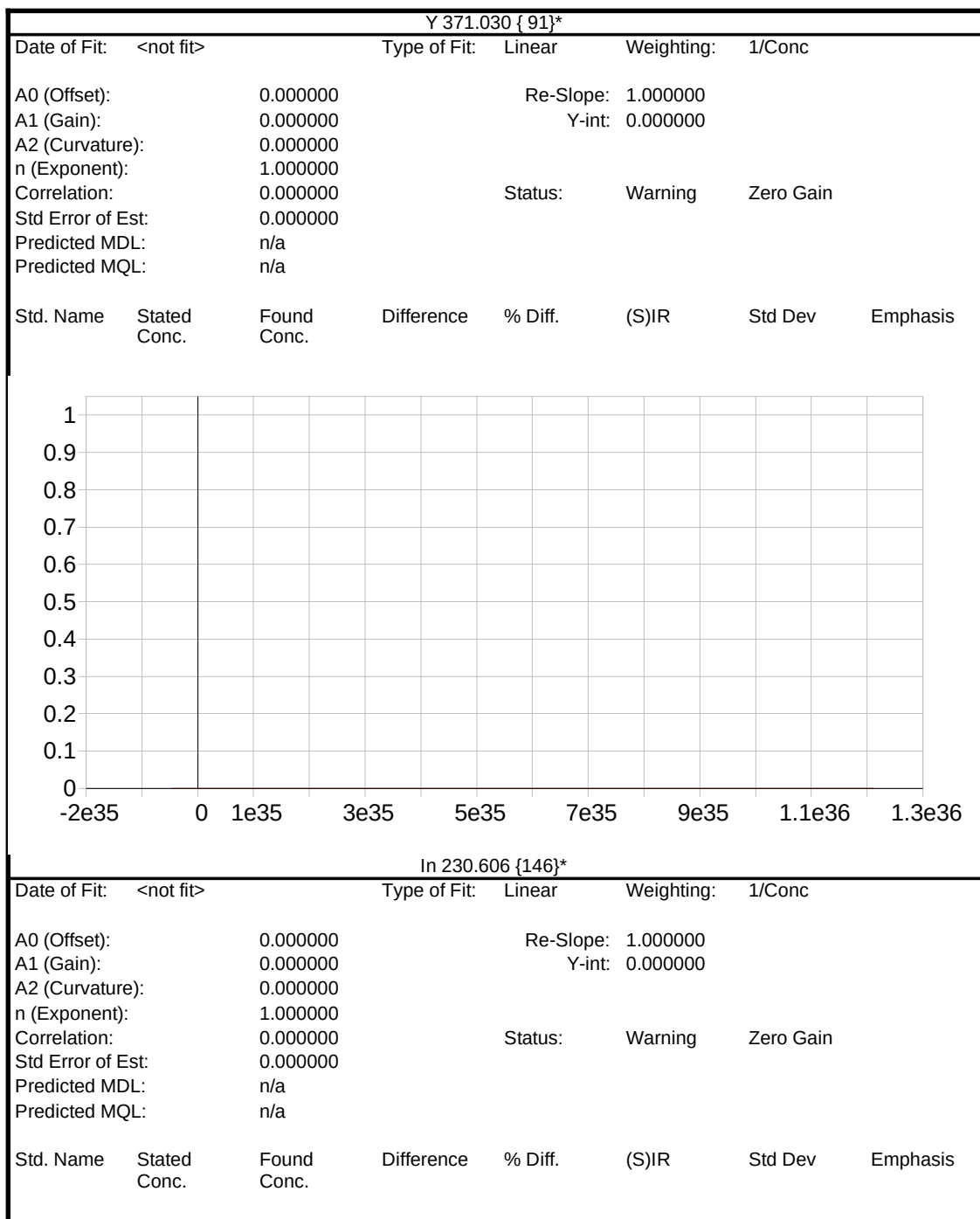


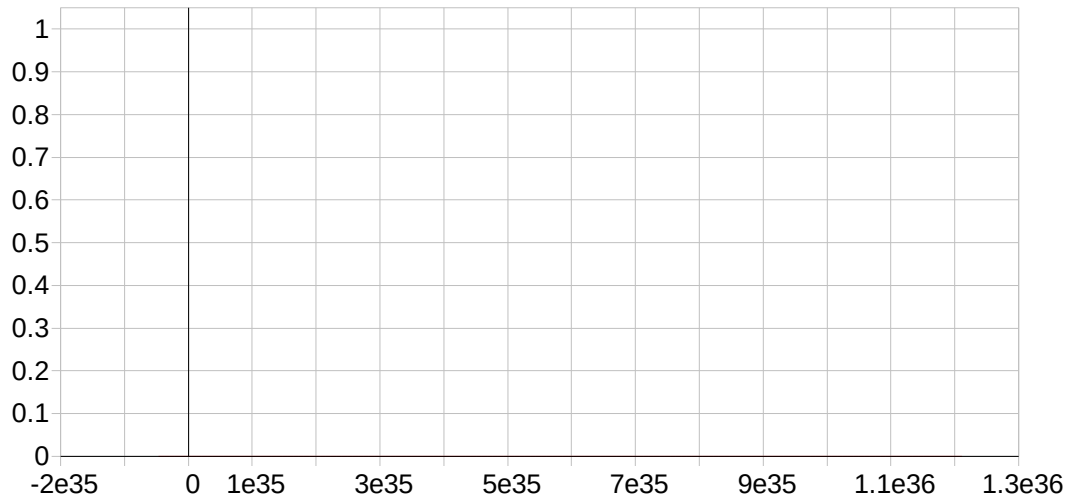
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

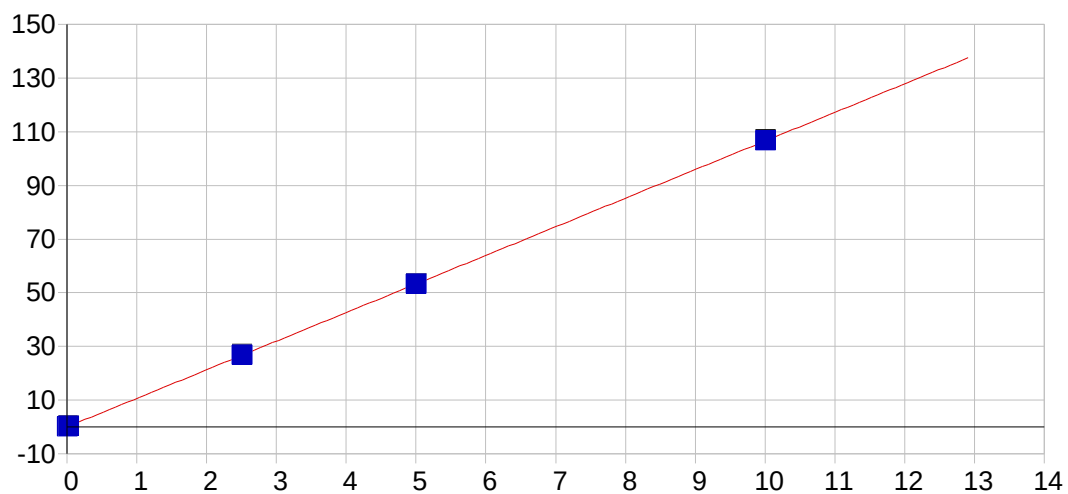
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.011000

Re-Slope: 1.000000

A1 (Gain): 10.654870

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999996

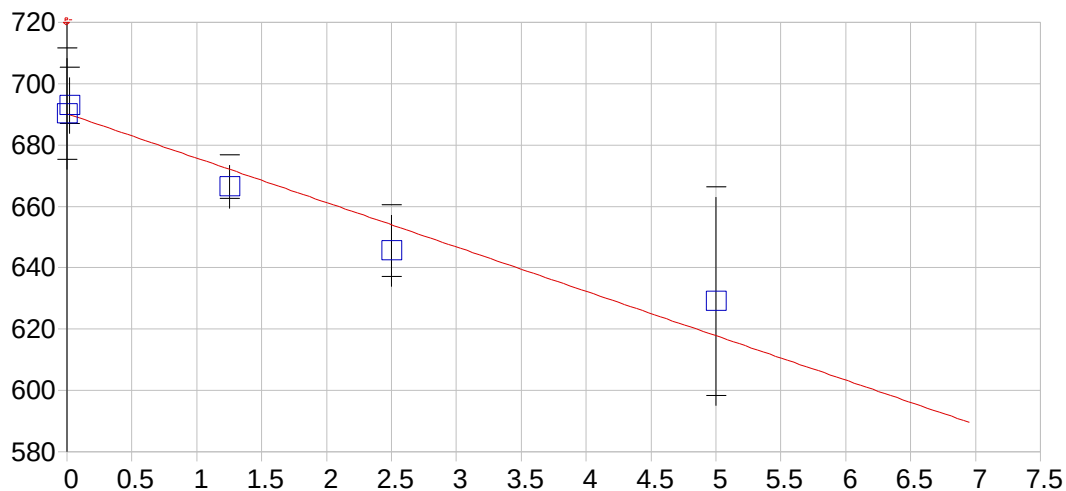
Status: OK.

Std Error of Est: 0.000691

Predicted MDL: 0.000167

Predicted MQL: 0.000555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01101	.001	1
S1	.02000	.02042	.000	2.10	.20774	.000	1
S3	2.5000	2.5148	.015	.591	26.813	.200	1
S4	5.0000	4.9879	-.012	-.242	53.193	.079	1
S5	10.000	9.9969	-.003	-.031	106.62	.250	1

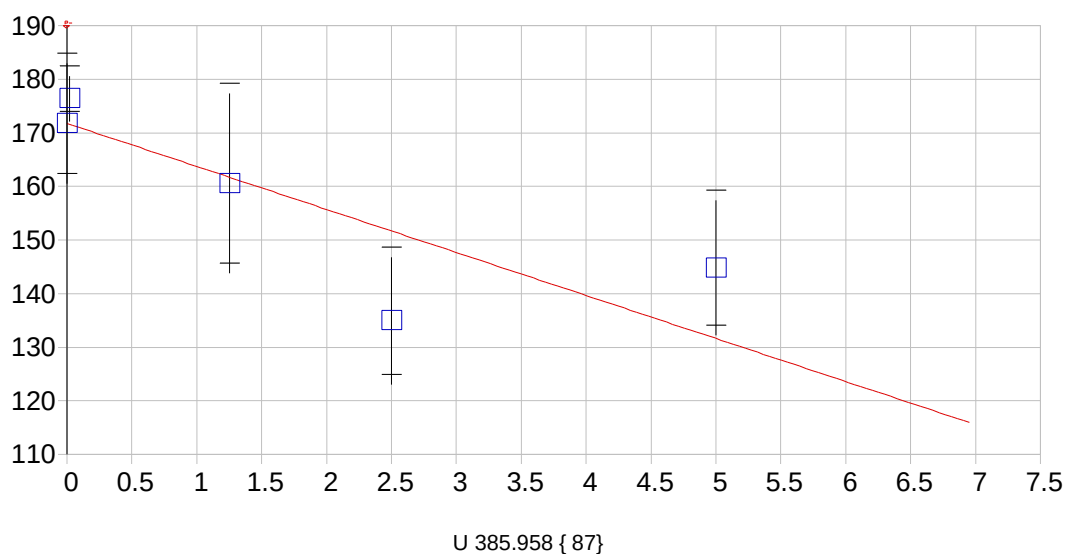


U 367.007 { 92 }

Date of Fit: 9/23/2019 17:36:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 690.208607 Re-Slope: 1.000000
 A1 (Gain): -14.475154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.882208 Status: Warning Negative Gain
 Std Error of Est: 0.132023
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	690.21	18.2	1
S1	.02000	-.18558	-.206	-1030.	692.89	9.11	1
S3	1.2500	1.6453	.395	31.6	666.39	7.00	1
S4	2.5000	3.0863	.586	23.5	645.53	11.7	1
S5	5.0000	4.2239	-.776	-15.5	629.07	34.0	1



Date of Fit: 9/23/2019 17:36:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 171.750740

Re-Slope: 1.000000

A1 (Gain): -8.026245

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.552395

Status: Warning

Negative Gain

Std Error of Est: 0.206975

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	171.75	11.3	1
S1	.02000	-.57419	-.594	-2970.	176.36	4.23	1
S3	1.2500	1.3984	.148	11.9	160.53	16.8	1
S4	2.5000	4.5878	2.09	83.5	134.93	11.9	1
S5	5.0000	3.3580	-1.64	-32.8	144.80	12.6	1

Sample Name: S0 Acquired: 9/23/2019 12:42:56 Type: Cal
Method: P4-ICP2(v3396) 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	-.00129	.00208	.00233	.00014	.00051	.00052	.02470	-.00001
Stddev	.00019	.00045	.00056	.00023	.00030	.00007	.00054	.00009
%RSD	14.713	21.499	24.232	164.99	58.038	14.134	2.1970	1305.4

#1	-.00135	.00158	.00169	.00040	.00032	.00053	.02521	.00010
#2	-.00108	.00245	.00276	-.00004	.00085	.00059	.02413	-.00008
#3	-.00145	.00221	.00253	.00006	.00036	.00044	.02476	-.00004

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	-.00697	-.00186	.00083	-.00355	.02544	.00151	-.00048	-.00015
Stddev	.00010	.00129	.00013	.00035	.00030	.00015	.00002	.00007
%RSD	1.4878	68.981	15.617	9.9680	1.1925	10.178	4.5080	44.339

#1	-.00704	-.00270	.00095	-.00314	.02511	.00168	-.00050	-.00008
#2	-.00685	-.00251	.00086	-.00378	.02552	.00144	-.00046	-.00021
#3	-.00701	-.00038	.00069	-.00374	.02570	.00140	-.00048	-.00016

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	-.01421	-.00079	.00664	-.00014	.01022	.00294	.00074	.00009
Stddev	.00019	.00005	.00044	.00010	.00004	.00049	.00022	.00003
%RSD	1.3351	6.0257	6.5747	74.656	.42372	16.627	30.181	27.232

#1	-.01437	-.00073	.00614	-.00011	.01020	.00303	.00050	.00009
#2	-.01426	-.00082	.00689	-.00026	.01027	.00337	.00080	.00012
#3	-.01400	-.00080	.00690	-.00005	.01020	.00241	.00094	.00007

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	.00185	.02255	.00092	.00756	.07684	-.0024	-.01101	690.21
Stddev	.00010	.00127	.00007	.00058	.00311	.0001	.00128	18.20
%RSD	5.4430	5.6371	7.1964	7.6803	4.0408	4.946	11.620	2.6377

#1	.00187	.02399	.00085	.00707	.07342	-.0026	-.01193	672.13
#2	.00175	.02209	.00093	.00741	.07947	-.0024	-.01154	689.94
#3	.00195	.02158	.00098	.00820	.07764	-.0024	-.00955	708.54

Sample Name: S0 Acquired: 9/23/2019 12:42:56 Type: Cal
 Method: P4-ICP2(v3396) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	171.75
Stddev	11.26
%RSD	6.5549

#1	161.08
#2	183.51
#3	170.65

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.1	34862.	2635.1	144.58	2441.8
Stddev	4.2	30.	27.6	1.44	4.0
%RSD	.17642	.08706	1.0487	.99574	.16343

#1	2389.0	34827.	2613.2	143.06	2439.1
#2	2390.4	34876.	2626.0	144.75	2440.0
#3	2396.9	34883.	2666.2	145.92	2446.4

Sample Name: S1 Acquired: 9/23/2019 12:47:21 Type: Cal
Method: P4-ICP2(v3396) 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	-.00022	.00971	.00530	.00129	.00607	.00128	.03456	.00464
Stddev	.00003	.00022	.00026	.00012	.00006	.00012	.00097	.00010
%RSD	14.029	2.2265	4.9747	9.0619	1.0485	9.3248	2.7997	2.0887
#1	-.00025	.00959	.00507	.00117	.00606	.00127	.03469	.00460
#2	-.00020	.00996	.00559	.00141	.00615	.00117	.03353	.00458
#3	-.00020	.00958	.00525	.00131	.00602	.00140	.03545	.00475
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	.01946	.00296	.03152	.05127	.01548	.02113	.02014	.00218
Stddev	.00034	.00007	.00048	.00017	.00020	.00030	.00106	.00022
%RSD	1.7423	2.2234	1.5217	.33017	1.2630	1.4287	5.2824	10.129
#1	.01951	.00301	.03107	.05146	.01527	.02102	.01914	.00237
#2	.01910	.00298	.03147	.05121	.01553	.02090	.02001	.00194
#3	.01977	.00288	.03202	.05113	.01565	.02147	.02126	.00224
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	.01012	.09716	.17864	.00072	.00278	.22977	.01044	.02475
Stddev	.00022	.00062	.00227	.00001	.00022	.00225	.00022	.00085
%RSD	2.1585	.63572	1.2726	1.4630	8.0471	.98121	2.1409	3.4449
#1	.00998	.09655	.17653	.00072	.00254	.22719	.01021	.02543
#2	.01000	.09713	.17835	.00074	.00279	.23139	.01065	.02379
#3	.01037	.09779	.18105	.00072	.00299	.23072	.01048	.02502
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.08868	-.0007	.20774	692.89	176.36			
Stddev	.00504	.0000	.00038	9.11	4.23			
%RSD	5.6826	1.804	.18209	1.3146	2.3992			
#1	.08964	-.0007	.20817	702.35	181.04			
#2	.08323	-.0008	.20745	692.17	175.24			
#3	.09316	-.0007	.20761	684.17	172.80			

Sample Name: S1 Acquired: 9/23/2019 12:47:21 Type: Cal
Method: P4-ICP2(v3396) 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	2402.0	34815.	2654.3	145.37	2450.9
Stddev	3.7	291.	9.8	1.74	1.9
%RSD	.15227	.83581	.36836	1.1996	.07773
#1	2405.9	34836.	2654.0	146.01	2452.8
#2	2401.5	35096.	2644.6	143.39	2449.0
#3	2398.6	34515.	2664.2	146.70	2450.9

Sample Name: S2 Acquired: 9/23/2019 12:51:49 Type: Cal
 Method: P4-ICP2(v3396) 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	.18823	.00379	.06939	.02188
Stddev	.00107	.00005	.00060	.00059
%RSD	.57068	1.2348	.85983	2.6838

#1	.18709	.00380	.06871	.02166
#2	.18839	.00374	.06984	.02254
#3	.18922	.00383	.06961	.02143

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	34981.	2645.4
Stddev	40.	10.4
%RSD	.11375	.39339

#1	34960.	2634.8
#2	35027.	2655.6
#3	34957.	2645.9

Sample Name: S3 Acquired: 9/23/2019 12:56:04 Type: Cal
Method: P4-ICP2(v3396) 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	.15866	.47109	.68544	.15841	.27306	.03813	.51629	.09517
Stddev	.00085	.00339	.00361	.00055	.00204	.00035	.00215	.00013
%RSD	.53307	.72029	.52605	.34561	.74615	.91486	.41717	.13956

#1	.15773	.46748	.68131	.15778	.27071	.03827	.51751	.09505
#2	.15939	.47421	.68799	.15869	.27432	.03839	.51755	.09516
#3	.15887	.47157	.68701	.15876	.27415	.03773	.51380	.09531

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3341	1.1077	.10574	1.4090	.76599	.33492	1.2326	.02258
Stddev	.0457	.0107	.00021	.0142	.00376	.00069	.0049	.00014
%RSD	.85596	.96872	.19413	1.0099	.49105	.20553	.39505	.64194

#1	5.2813	1.0974	.10597	1.3926	.76167	.33460	1.2324	.02256
#2	5.3604	1.1068	.10561	1.4163	.76780	.33571	1.2375	.02273
#3	5.3605	1.1188	.10563	1.4180	.76851	.33445	1.2278	.02244

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	1.0099	.17845	.37622	.31786	2.6229	.12139	2.1137	.01685
Stddev	.0062	.00085	.00105	.00061	.0263	.00062	.0206	.00017
%RSD	.61301	.47365	.28029	.19187	1.0011	.51167	.97448	.99264

#1	1.0029	.17929	.37682	.31795	2.5926	.12179	2.0900	.01693
#2	1.0124	.17846	.37684	.31842	2.6395	.12169	2.1247	.01696
#3	1.0145	.17760	.37501	.31721	2.6365	.12067	2.1265	.01666

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	.11738	1.4233	.63062	1.1138	1.7201	.2113	26.813	666.39
Stddev	.00030	.0121	.00399	.0070	.0107	.0018	.200	7.00
%RSD	.25657	.85134	.63282	.62952	.61894	.8584	.74583	1.0511

#1	.11730	1.4116	.62640	1.1077	1.7104	.2095	26.670	658.60
#2	.11772	1.4226	.63434	1.1122	1.7185	.2131	26.727	672.16
#3	.11713	1.4358	.63113	1.1214	1.7315	.2114	27.041	668.42

Sample Name: S3 Acquired: 9/23/2019 12:56:04 Type: Cal
Method: P4-ICP2(v3396) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	160.53
Stddev	16.77
%RSD	10.444

#1	162.09
#2	143.04
#3	176.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.8	34706.	2645.5	146.38	2331.4
Stddev	19.6	122.	18.8	2.17	20.0
%RSD	.82340	.35077	.70937	1.4823	.85906

#1	2401.4	34612.	2655.9	147.72	2354.5
#2	2369.1	34663.	2656.8	147.54	2320.4
#3	2366.0	34844.	2623.8	143.88	2319.3

Sample Name: S4 Acquired: 9/23/2019 13:00:09 Type: Cal
 Method: P4-ICP2(v3396) 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	.31762	.95502	1.3826	.31307	.54275	.07456	1.0053	.18730
Stddev	.00180	.00363	.0018	.00123	.00321	.00016	.0005	.00082
%RSD	.56754	.38042	.12943	.39191	.59167	.21108	.04902	.43687

#1	.31968	.95914	1.3845	.31440	.54645	.07447	1.0058	.18648
#2	.31679	.95229	1.3822	.31284	.54109	.07447	1.0048	.18731
#3	.31638	.95363	1.3810	.31197	.54070	.07474	1.0053	.18812

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	10.967	2.1664	.20858	2.8727	1.4768	.65354	2.4038	.04450
Stddev	.040	.0121	.00099	.0113	.0062	.00023	.0043	.00021
%RSD	.36426	.56053	.47226	.39442	.42227	.03476	.17816	.46112

#1	11.013	2.1537	.20749	2.8855	1.4820	.65359	2.4017	.04443
#2	10.952	2.1678	.20942	2.8685	1.4784	.65375	2.4010	.04473
#3	10.937	2.1779	.20882	2.8640	1.4699	.65330	2.4087	.04433

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	2.0557	.35149	.73755	.62710	5.3457	.23552	4.2005	.03317
Stddev	.0084	.00137	.00089	.00147	.0208	.00016	.0149	.00027
%RSD	.40700	.38904	.12051	.23481	.38834	.06628	.35534	.81734

#1	2.0652	.35014	.73683	.62561	5.3691	.23538	4.2177	.03294
#2	2.0521	.35145	.73729	.62856	5.3385	.23550	4.1929	.03310
#3	2.0497	.35288	.73854	.62713	5.3295	.23569	4.1909	.03347

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	.24084	2.7209	1.2871	2.1963	3.1534	.4409	53.193	645.53
Stddev	.00143	.0092	.0056	.0099	.0104	.0019	.079	11.65
%RSD	.59334	.33846	.43677	.45113	.33152	.4265	.14842	1.8052

#1	.24249	2.7117	1.2929	2.1886	3.1433	.4427	53.131	644.46
#2	.23994	2.7208	1.2817	2.1930	3.1527	.4389	53.282	634.45
#3	.24010	2.7301	1.2866	2.2075	3.1642	.4412	53.166	657.69

Sample Name: S4 Acquired: 9/23/2019 13:00:09 Type: Cal
Method: P4-ICP2(v3396) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	134.93
Stddev	11.86
%RSD	8.7894

#1	124.80
#2	147.97
#3	132.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.5	34276.	2621.0	139.81	2211.8
Stddev	11.1	66.	4.2	.88	11.5
%RSD	.47727	.19220	.15877	.63191	.52203

#1	2320.1	34231.	2622.8	138.90	2198.9
#2	2335.7	34351.	2624.1	139.88	2215.2
#3	2341.7	34245.	2616.3	140.67	2221.3

Sample Name: S5 Acquired: 9/23/2019 13:04:07 Type: Cal
Method: P4-ICP2(v3396) 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	.65369	1.9923	2.9124	.63571	1.1129	.14980	2.0193	.36592
Stddev	.00012	.0012	.0032	.00290	.0047	.00253	.0369	.01012
%RSD	.01764	.05786	.10999	.45546	.41838	1.6883	1.8299	2.7645

#1	.65382	1.9926	2.9112	.63425	1.1109	.15212	2.0575	.37617
#2	.65363	1.9910	2.9160	.63905	1.1182	.14710	1.9838	.35594
#3	.65361	1.9932	2.9099	.63384	1.1096	.15017	2.0166	.36565

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	23.185	4.4260	.40617	6.0653	2.9540	1.2671	4.6919	.08841
Stddev	.024	.0049	.01049	.0066	.0065	.0329	.1344	.00138
%RSD	.10264	.10951	2.5837	.10862	.21934	2.5975	2.8652	1.5583

#1	23.177	4.4314	.41711	6.0657	2.9496	1.3005	4.8272	.08983
#2	23.212	4.4219	.39619	6.0716	2.9614	1.2347	4.5583	.08707
#3	23.166	4.4249	.40520	6.0585	2.9509	1.2661	4.6901	.08832

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	4.3402	.69094	1.4651	1.2358	11.298	.47314	8.5703	.06716
Stddev	.0055	.01744	.0289	.0324	.011	.00909	.0150	.00120
%RSD	.12669	2.5240	1.9716	2.6243	.10055	1.9218	.17523	1.7929

#1	4.3428	.70882	1.4950	1.2686	11.297	.48275	8.5678	.06829
#2	4.3439	.67398	1.4373	1.2038	11.310	.46467	8.5864	.06589
#3	4.3339	.69000	1.4630	1.2349	11.287	.47201	8.5566	.06730

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	.52068	5.4864	2.7158	4.4692	6.3580	.9555	106.62	629.07
Stddev	.00099	.0736	.0028	.0086	.0092	.0001	.25	34.03
%RSD	.19085	1.3415	.10241	.19182	.14423	.0055	.23472	5.4105

#1	.52179	5.5576	2.7170	4.4758	6.3587	.9555	106.53	593.63
#2	.51987	5.4107	2.7177	4.4723	6.3485	.9556	106.91	661.51
#3	.52039	5.4910	2.7126	4.4595	6.3668	.9555	106.43	632.06

Sample Name: S5 Acquired: 9/23/2019 13:04:07 Type: Cal
 Method: P4-ICP2(v3396) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	144.80
Stddev	12.64
%RSD	8.7257

#1	133.04
#2	158.16
#3	143.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.5	34676.	2604.8	139.48	2069.6
Stddev	2.0	815.	14.2	4.14	1.2
%RSD	.08662	2.3493	.54488	2.9651	.05730

#1	2286.3	33842.	2589.2	138.27	2068.8
#2	2283.2	35470.	2616.9	136.08	2071.0
#3	2286.9	34716.	2608.4	144.08	2069.0

Sample Name: ICV01 Acquired: 9/23/2019 13:09:11 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99560	1.0079	.97661	1.0201	1.0039	2.5602	.50888
Stddev	.00556	.0059	.00708	.0055	.0045	.0272	.00506
%RSD	.55882	.58847	.72444	.53726	.45174	1.0615	.99446

#1	.99551	1.0062	.97640	1.0263	1.0085	2.5289	.50402
#2	1.0012	1.0030	.96965	1.0157	.99943	2.5739	.51412
#3	.99009	1.0145	.98379	1.0184	1.0039	2.5778	.50850

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51117	.47611	10.275	.51874	.48812	.52456	5.2657
Stddev	.00058	.00210	.069	.00121	.00199	.00289	.0060
%RSD	.11395	.44003	.66944	.23318	.40755	.55162	.11408

#1	.51134	.47467	10.222	.51910	.48929	.52276	5.2719
#2	.51052	.47514	10.249	.51973	.48582	.52790	5.2599
#3	.51165	.47851	10.353	.51740	.48925	.52303	5.2655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52879	6.1523	.48997	.52100	10.165	.51412	.95980
Stddev	.00041	.0150	.00160	.00103	.033	.00103	.00400
%RSD	.07788	.24297	.32711	.19689	.32475	.20121	.41675

#1	.52924	6.1661	.48942	.52215	10.143	.51299	.95718
#2	.52867	6.1364	.48873	.52066	10.149	.51502	.95781
#3	.52845	6.1542	.49178	.52018	10.203	.51434	.96440

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.094	2.5392	2.5404	F .00557	2.4411	2.3994	2.4875
Stddev	.086	.0086	.0220	.00762	.0062	.0055	.0065
%RSD	.84774	.34064	.86718	136.79	.25434	.22871	.26039

#1	10.029	2.5309	2.5314	.01119	2.4354	2.3979	2.4809
#2	10.062	2.5482	2.5243	.00861	2.4402	2.3948	2.4938
#3	10.191	2.5385	2.5655	-.00310	2.4477	2.4054	2.4878

Sample Name: ICV01 Acquired: 9/23/2019 13:09:11 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00034	F -.0045	F .00594	1.0394	F<.00000
Stddev	.00460	.0016	.00010	1.3640	.45252
%RSD	1371.3	34.83	1.6300	131.24	15.150
#1	.00539	-.0062	.00591	.95966	-3.0276
#2	-.00077	-.0039	.00586	2.4415	-2.5153
#3	-.00361	-.0032	.00605	-.28305	-3.4176
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.3	34541.	2617.7	143.90	2346.8
Stddev	5.3	97.	7.6	.59	6.0
%RSD	.22288	.28175	.29218	.40903	.25552
#1	2364.9	34527.	2621.7	143.56	2347.6
#2	2356.3	34451.	2608.9	144.57	2352.4
#3	2365.9	34644.	2622.5	143.55	2340.5

Sample Name: LLICV01 Acquired: 9/23/2019 13:13:15 Type: Unk
Method: P4-ICP2(v3396) 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	.01854	.04093	.01209	.02135	.05253	.08573	.10338
Stddev	.00184	.00073	.00128	.00289	.00258	.00178	.00149
%RSD	9.9307	1.7845	10.547	13.535	4.9035	2.0737	1.4428

#1	.01644	.04032	.01324	.01802	.05086	.08368	.10175
#2	.01936	.04174	.01232	.02317	.05550	.08672	.10468
#3	.01984	.04073	.01072	.02286	.05124	.08680	.10370

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00663	.00595	2.1350	.01036	.03052	.02304	.11306
Stddev	.00007	.00003	.0230	.00020	.00036	.00018	.00059
%RSD	1.1040	.58323	1.0790	1.9766	1.1882	.78662	.52359

#1	.00662	.00598	2.1351	.01047	.03056	.02283	.11257
#2	.00671	.00591	2.1118	.01012	.03014	.02313	.11372
#3	.00656	.00597	2.1579	.01048	.03086	.02316	.11289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02370	2.1887	.04107	.01084	2.0726	.04301	.04053
Stddev	.00016	.0451	.00047	.00035	.0168	.00073	.00008
%RSD	.66438	2.0591	1.1411	3.2023	.80886	1.6900	.20776

#1	.02360	2.2165	.04065	.01049	2.0557	.04220	.04043
#2	.02363	2.2130	.04158	.01118	2.0892	.04321	.04056
#3	.02389	2.1367	.04099	.01086	2.0730	.04361	.04059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9745	.21674	.11067	F .01589	.41077	.03990	.04275
Stddev	.0317	.00007	.00695	.00232	.00063	.00037	.00132
%RSD	1.6073	.03254	6.2795	14.611	.15372	.93023	3.0818

#1	1.9460	.21676	.10961	.01662	.41137	.04003	.04360
#2	2.0087	.21667	.11809	.01776	.41011	.04019	.04342
#3	1.9688	.21680	.10431	.01329	.41082	.03948	.04123

Sample Name: LLICV01 Acquired: 9/23/2019 13:13:15 Type: Unk
 Method: P4-ICP2(v3396) 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	F .02650	.0167	.02150	F .43436	F<.00000
Stddev	.00601	.0016	.00015	.65435	1.0993
%RSD	22.695	9.629	.69103	150.65	1119.3
#1	.03065	.0171	.02144	-.13807	1.1675
#2	.01960	.0180	.02139	.29347	-.64701
#3	.02925	.0149	.02167	1.1477	-.81511
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.4	35093.	2628.0	145.70	2452.0
Stddev	6.4	109.	7.1	3.02	5.7
%RSD	.26919	.31106	.26919	2.0731	.23289
#1	2386.9	34969.	2628.7	142.70	2448.6
#2	2386.4	35135.	2634.8	148.74	2448.9
#3	2397.8	35174.	2620.7	145.68	2458.6

Sample Name: ICB01 Acquired: 9/23/2019 13:17:42 Type: Unk
Method: P4-ICP2(v3396) 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	-.00160	.00003	-.00077	.00219	-.00084	-.00292	-.00562
Stddev	.00155	.00244	.00033	.00089	.00351	.01967	.00532
%RSD	96.806	7113.4	43.552	40.579	415.93	673.02	94.692

#1	-.00331	.00011	-.00039	.00315	.00260	-.00482	-.01077
#2	-.00121	.00243	-.00104	.00141	-.00070	.01763	-.00014
#3	-.00028	-.00244	-.00087	.00200	-.00443	-.02158	-.00595

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00001	-.00615	-.00026	.00031	.00025	-.00118
Stddev	.00002	.00012	.01100	.00034	.00025	.00043	.00043
%RSD	294.30	1134.3	178.84	132.22	79.215	174.97	36.155

#1	-.00002	-.00002	-.01512	.00011	.00039	.00002	-.00133
#2	-.00001	.00011	-.00944	-.00031	.00004	-.00002	-.00152
#3	.00002	-.00013	.00612	-.00057	.00051	.00074	-.00070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.03487	.00072	.00025	-.06830	-.00046	-.00032
Stddev	.00003	.03856	.00042	.00033	.00786	.00104	.00004
%RSD	468.99	110.57	57.863	131.09	11.510	225.79	13.013

#1	.00002	.05805	.00025	.00047	-.07738	.00071	-.00033
#2	-.00001	.05620	.00105	-.00013	-.06385	-.00128	-.00035
#3	-.00003	-.00964	.00087	.00041	-.06367	-.00082	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18517	-.00024	.00395	-.00693	.00113	.00016	-.00153
Stddev	.03798	.00019	.00951	.00505	.00101	.00036	.00033
%RSD	20.511	79.280	240.82	72.899	89.467	226.32	21.422

#1	-.17974	-.00012	.01362	-.00250	.00219	.00036	-.00116
#2	-.15020	-.00045	.00362	-.00585	.00104	.00037	-.00163
#3	-.22557	-.00014	-.00539	-.01243	.00017	-.00025	-.00179

Sample Name: ICB01 Acquired: 9/23/2019 13:17:42 Type: Unk
 Method: P4-ICP2(v3396) 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	F .00780	-.0014	.00004	F<.00000	F 1.6747
Stddev	.00392	.0017	.00018	.91837	1.3072
%RSD	50.258	124.1	460.68	234.94	78.061
#1	.00467	.0004	.00019	-.75900	2.2384
#2	.01220	-.0016	-.00016	-1.0681	.18012
#3	.00654	-.0030	.00008	.65441	2.6054
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.8	35233.	2615.6	145.81	2456.9
Stddev	12.0	269.	23.0	1.04	15.3
%RSD	.50021	.76292	.88099	.71550	.62406
#1	2383.8	35151.	2590.6	146.89	2449.0
#2	2392.9	35014.	2636.0	145.73	2447.2
#3	2407.6	35533.	2620.1	144.80	2474.6

Sample Name: CRI01 Acquired: 9/23/2019 13:22:10 Type: Unk
Method: P4-ICP2(v3396) 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	.01553	.04016	.01273	.02560	.05485	.10245	.09686
Stddev	.00243	.00098	.00172	.00281	.00177	.01504	.00215
%RSD	15.673	2.4358	13.480	10.967	3.2194	14.679	2.2195

#1	.01556	.04089	.01453	.02323	.05647	.11769	.09786
#2	.01795	.04054	.01111	.02486	.05297	.08762	.09439
#3	.01308	.03905	.01254	.02870	.05511	.10205	.09833

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00660	.00593	2.1226	.01066	.03033	.02251	.11280
Stddev	.00007	.00004	.0182	.00006	.00040	.00069	.00069
%RSD	1.0781	.75186	.85873	.58321	1.3254	3.0588	.61358

#1	.00653	.00592	2.1059	.01069	.03015	.02328	.11219
#2	.00667	.00589	2.1420	.01059	.03079	.02195	.11355
#3	.00661	.00597	2.1199	.01070	.03004	.02229	.11266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02369	2.1615	.04133	.01128	2.0650	.04372	.04091
Stddev	.00008	.0524	.00112	.00024	.0286	.00020	.00037
%RSD	.33622	2.4217	2.7216	2.1634	1.3831	.44780	.91430

#1	.02362	2.1059	.04218	.01129	2.0328	.04367	.04098
#2	.02378	2.2098	.04175	.01152	2.0747	.04394	.04123
#3	.02368	2.1688	.04005	.01103	2.0874	.04356	.04050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9484	.21376	.11154	.01492	.40180	.03817	.03783
Stddev	.0165	.00217	.00655	.00091	.00435	.00082	.00022
%RSD	.84947	1.0173	5.8729	6.0945	1.0817	2.1389	.56881

#1	1.9465	.21433	.10560	.01568	.40547	.03890	.03795
#2	1.9329	.21559	.11046	.01391	.40294	.03832	.03796
#3	1.9658	.21136	.11856	.01518	.39700	.03729	.03758

Sample Name: CRI01 Acquired: 9/23/2019 13:22:10 Type: Unk
 Method: P4-ICP2(v3396) 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	.02275	.0172	.02157	F<.00000	F 1.0232
Stddev	.00555	.0009	.00022	.73382	.6200
%RSD	24.389	4.937	1.0287	172.74	60.594
#1	.01920	.0173	.02160	.13433	1.6953
#2	.02914	.0181	.02177	-1.2558	.90061
#3	.01990	.0164	.02133	-.15301	.47363
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.3	35238.	2633.2	147.36	2476.1
Stddev	6.0	92.	19.6	1.22	3.2
%RSD	.24606	.25974	.74600	.82886	.13025
#1	2417.0	35306.	2619.9	146.52	2475.5
#2	2413.1	35134.	2624.0	146.79	2473.3
#3	2424.8	35274.	2655.8	148.76	2479.6

Sample Name: ICSA01 Acquired: 9/23/2019 13:26:39 Type: Unk
Method: P4-ICP2(v3396) 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	.01698	.02059	-.00030	.00345	.00287	278.13	.01268	-.00011
Stddev	.00525	.00156	.00179	.00138	.00237	.57	.00050	.00037
%RSD	30.910	7.5678	604.43	40.133	82.728	.20480	3.9733	342.91
#1	.01185	.02185	-.00137	.00488	.00161	277.74	.01233	.00014
#2	.01676	.01885	-.00129	.00212	.00139	278.79	.01247	-.00054
#3	.02234	.02106	.00177	.00334	.00560	277.87	.01326	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	251.28	.05448	-.00187	.01511	99.457	.01055	274.22
Stddev	.00017	1.35	.00035	.00021	.00084	.224	.00005	.37
%RSD	6.9294	.53841	.63460	11.333	5.5283	.22500	.44875	.13644
#1	.00239	252.84	.05455	-.00166	.01594	99.675	.01049	273.79
#2	.00222	250.47	.05410	-.00208	.01427	99.469	.01058	274.45
#3	.00255	250.53	.05479	-.00186	.01514	99.228	.01058	274.41
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01068	-.00614	-.01147	.00434	-.01454	-.12675	.00063	-.01353
Stddev	.00032	.00050	.01580	.00023	.00031	.02720	.00005	.00357
%RSD	3.0112	8.2121	137.69	5.4105	2.1026	21.457	7.8982	26.416
#1	-.01104	-.00622	-.02264	.00457	-.01424	-.09647	.00068	-.01018
#2	-.01041	-.00560	.00660	.00434	-.01485	-.13468	.00062	-.01729
#3	-.01061	-.00659	-.01837	.00410	-.01453	-.14910	.00058	-.01312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02063	.00431	.00572	-.00433	F .03524	.0179	-.00928	10.482
Stddev	.00259	.00381	.00029	.00041	.00169	.0011	.00065	.842
%RSD	12.573	88.424	5.0562	9.3609	4.7951	6.382	6.9838	8.0293
#1	.02187	.00720	.00589	-.00398	.03554	.0187	-.00978	10.551
#2	.01765	.00574	.00588	-.00423	.03342	.0183	-.00855	11.287
#3	.02238	-.00001	.00539	-.00477	.03676	.0166	-.00952	9.6077

Sample Name: ICSA01 Acquired: 9/23/2019 13:26:39 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.50606
%RSD	.53541

#1	-94.780
#2	-93.935
#3	-94.841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.0	32148.	2555.1	134.61	2018.6
Stddev	5.1	126.	25.6	1.47	4.8
%RSD	.23135	.39236	1.0009	1.0933	.24006

#1	2218.1	32017.	2525.6	136.11	2013.1
#2	2227.3	32157.	2568.2	133.17	2020.3
#3	2226.5	32269.	2571.4	134.57	2022.3

Sample Name: ICSAB01 Acquired: 9/23/2019 13:31:19 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11502	.12489	.05570	.05678	.62333	277.80	.56531
Stddev	.00782	.00312	.00152	.00700	.00285	1.95	.00454
%RSD	6.7987	2.4963	2.7325	12.326	.45708	.70142	.80304

#1	.10623	.12835	.05546	.06401	.62654	275.64	.56548
#2	.12120	.12230	.05431	.05004	.62112	279.42	.56976
#3	.11763	.12402	.05732	.05630	.62232	278.33	.56068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55902	1.0228	254.00	.58666	.51000	.52038	99.151
Stddev	.00201	.0025	7.28	.00140	.00122	.00152	.406
%RSD	.36015	.24341	2.8651	.23829	.23999	.29264	.40901

#1	.55974	1.0246	248.25	.58652	.51139	.52073	99.286
#2	.55675	1.0240	251.57	.58534	.50906	.51871	99.471
#3	.56058	1.0200	262.18	.58812	.50956	.52170	98.695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54741	274.50	1.0076	.21662	-.02438	.53750	1.0595
Stddev	.00078	1.15	.0009	.00110	.00774	.00081	.0016
%RSD	.14196	.41935	.09098	.50812	31.743	.15125	.15282

#1	.54680	273.20	1.0083	.21566	-.01610	.53812	1.0612
#2	.54714	275.38	1.0081	.21637	-.02561	.53658	1.0594
#3	.54829	274.92	1.0066	.21782	-.03143	.53779	1.0580

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14561	1.0324	1.0798	F .02708	.96510	1.0462	1.0279
Stddev	.04657	.0012	.0123	.00870	.02588	.0032	.0272
%RSD	31.986	.11674	1.1349	32.144	2.6816	.30685	2.6416

#1	-.19891	1.0332	1.0781	.03429	.95154	1.0499	1.0043
#2	-.11276	1.0310	1.0927	.01741	.94882	1.0441	1.0219
#3	-.12516	1.0329	1.0684	.02952	.99495	1.0447	1.0576

Sample Name: ICSAB01 Acquired: 9/23/2019 13:31:19 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .03700	F .0193	F -.00739	10.818	<.00000
Stddev	.00057	.0023	.00377	.583	1.3858
%RSD	1.5405	11.99	51.089	5.3891	1.4735
#1	.03764	.0218	-.01017	11.170	-93.900
#2	.03685	.0172	-.00890	11.137	-92.735
#3	.03653	.0191	-.00309	10.145	-95.496
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.1	32170.	2523.3	134.30	2010.1
Stddev	2.0	109.	60.8	3.50	4.1
%RSD	.09030	.33733	2.4077	2.6042	.20518
#1	2229.8	32089.	2559.7	138.20	2006.0
#2	2233.3	32127.	2557.0	133.27	2010.0
#3	2233.2	32293.	2453.2	131.43	2014.3

Sample Name: CCV01 Acquired: 9/23/2019 13:35:45 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8988	4.8873	4.8530	4.9700	4.9290	10.042	9.8636	.25393
Stddev	.0111	.0166	.0030	.0106	.0101	.025	.0212	.00025
%RSD	.22570	.34003	.06112	.21377	.20427	.25364	.21448	.09656
#1	4.8925	4.9063	4.8553	4.9823	4.9186	10.020	9.8612	.25404
#2	4.9116	4.8806	4.8497	4.9642	4.9387	10.037	9.8437	.25365
#3	4.8923	4.8752	4.8541	4.9636	4.9297	10.070	9.8858	.25410
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4177	24.717	1.0142	2.4207	1.2400	5.0815	2.5537	24.928
Stddev	.0047	.200	.0014	.0024	.0030	.0051	.0043	.119
%RSD	.19386	.80736	.14091	.09737	.23988	.09951	.16679	.47619
#1	2.4223	24.681	1.0152	2.4227	1.2392	5.0762	2.5577	24.922
#2	2.4179	24.538	1.0148	2.4213	1.2433	5.0862	2.5541	25.050
#3	2.4129	24.932	1.0126	2.4181	1.2375	5.0821	2.5493	24.813
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4262	1.2580	24.820	2.5288	2.4101	24.892	4.9503	5.0150
Stddev	.0069	.0017	.054	.0003	.0032	.120	.0032	.0241
%RSD	.28561	.13240	.21653	.01243	.13264	.48357	.06564	.47981
#1	2.4342	1.2577	24.849	2.5287	2.4125	24.788	4.9489	4.9975
#2	2.4225	1.2564	24.758	2.5292	2.4115	25.024	4.9541	5.0051
#3	2.4218	1.2597	24.853	2.5286	2.4065	24.865	4.9480	5.0424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7721	4.9968	4.8576	4.9260	4.9334	4.830	4.9663	F 2.7841
Stddev	.0203	.0186	.0083	.0308	.0344	.014	.0110	.4508
%RSD	.42601	.37174	.17023	.62509	.69666	.2991	.22081	16.192
#1	4.7936	4.9905	4.8635	4.9002	4.8986	4.840	4.9663	3.2500
#2	4.7698	5.0177	4.8611	4.9178	4.9342	4.814	4.9553	2.7523
#3	4.7531	4.9821	4.8482	4.9601	4.9673	4.837	4.9772	2.3501

Sample Name: CCV01 Acquired: 9/23/2019 13:35:45 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1129
Stddev .3853
%RSD 12.377

#1 2.7969
#2 2.9996
#3 3.5421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.1	34043.	2595.5	139.99	2221.9
Stddev	3.8	80.	4.9	1.17	2.0
%RSD	.16130	.23550	.18698	.83799	.08851

#1	2338.5	33951.	2590.9	140.17	2220.6
#2	2332.1	34086.	2600.6	141.07	2224.2
#3	2331.8	34092.	2595.0	138.74	2221.0

Sample Name: LLCCV01 Acquired: 9/23/2019 13:39:44 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01816	.04016	.01111	.02097	.05223	.09032	.09468	.00668
Stddev	.00166	.00089	.00150	.00488	.00064	.02218	.00431	.00007
%RSD	9.1229	2.2104	13.489	23.250	1.2334	24.558	4.5555	1.0188
#1	.01968	.03953	.01229	.02646	.05293	.09442	.09069	.00672
#2	.01842	.03977	.01161	.01714	.05209	.06638	.09409	.00673
#3	.01639	.04117	.00942	.01931	.05167	.11017	.09925	.00660
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	2.1125	.01065	.03005	.02286	.11268	.02357	2.1705
Stddev	.00005	.0650	.00090	.00035	.00051	.00093	.00009	.0668
%RSD	.76640	3.0772	8.4500	1.1715	2.2165	.82545	.37998	3.0793
#1	.00590	2.1743	.01052	.03000	.02339	.11375	.02347	2.1119
#2	.00598	2.0447	.00983	.03043	.02239	.11221	.02360	2.1564
#3	.00597	2.1185	.01161	.02973	.02279	.11208	.02364	2.2433
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04093	.01146	2.0344	.04286	.04041	1.9132	.21658	.11036
Stddev	.00013	.00051	.0131	.00027	.00047	.0405	.00119	.00434
%RSD	.31459	4.4828	.64450	.62571	1.1682	2.1158	.55143	3.9313
#1	.04083	.01088	2.0225	.04294	.04046	1.9203	.21737	.10541
#2	.04108	.01187	2.0321	.04308	.04085	1.8696	.21716	.11216
#3	.04089	.01162	2.0485	.04256	.03991	1.9496	.21521	.11351
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01705	.41079	.03956	.04181	F .02593	.0186	.02147	F .68591
Stddev	.00148	.00986	.00131	.00173	.00210	.0003	.00052	.26064
%RSD	8.6951	2.4001	3.3163	4.1304	8.1066	1.848	2.4218	38.000
#1	.01556	.42001	.04094	.04372	.02748	.0184	.02203	.39623
#2	.01705	.40040	.03833	.04037	.02354	.0190	.02101	.76001
#3	.01853	.41196	.03940	.04134	.02678	.0183	.02138	.90147

Sample Name: LLCCV01 Acquired: 9/23/2019 13:39:44 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .89867
Stddev	1.5932
%RSD	177.29

#1	1.7368
#2	1.8979
#3	-.93869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.4	35121.	2604.7	144.19	2459.0
Stddev	9.1	32.	62.8	3.15	13.4
%RSD	.38118	.09166	2.4104	2.1838	.54504

#1	2384.7	35084.	2539.6	140.76	2446.3
#2	2387.7	35134.	2664.9	146.95	2457.8
#3	2401.8	35145.	2609.8	144.86	2473.0

Sample Name: CCB01 Acquired: 9/23/2019 13:44:13 Type: Unk
Method: P4-ICP2(v3396) 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	-.00045	-.00039	.00008	.00191	-.00048	-.02291	-.00548
Stddev	.00253	.00067	.00079	.00282	.00141	.00415	.00308
%RSD	562.51	170.87	975.55	147.69	296.77	18.116	56.113

#1	.00018	-.00089	.00098	-.00087	-.00088	-.02640	-.00194
#2	.00171	.00037	-.00025	.00477	-.00165	-.02400	-.00752
#3	-.00324	-.00065	-.00048	.00184	.00110	-.01832	-.00699

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00005	.00170	-.00030	-.00008	.00077	-.00073
Stddev	.00009	.00016	.00129	.00051	.00028	.00019	.00036
%RSD	67.641	360.48	75.866	166.57	348.08	25.163	49.966

#1	-.00020	.00022	.00111	-.00064	-.00007	.00095	-.00079
#2	-.00003	.00002	.00081	-.00055	.00019	.00056	-.00034
#3	-.00015	-.00010	.00318	.00028	-.00037	.00081	-.00105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00158	.00023	.00021	-.07254	-.00015	-.00033
Stddev	.00008	.02925	.00017	.00060	.00753	.00026	.00009
%RSD	1573.4	1855.3	74.207	284.20	10.381	178.05	27.636

#1	.00008	.02385	.00023	.00086	-.07669	.00005	-.00023
#2	-.00009	-.03155	.00040	-.00034	-.07708	-.00045	-.00041
#3	-.00000	.01243	.00006	.00011	-.06385	-.00004	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15922	-.00013	-.00508	-.00656	.00306	.00048	-.00038
Stddev	.06389	.00033	.00412	.00541	.00135	.00102	.00377
%RSD	40.124	247.36	81.087	82.444	44.178	212.01	994.57

#1	-.23061	-.00013	-.00501	-.01017	.00340	.00048	.00261
#2	-.10743	.00019	-.00923	-.00034	.00420	.00151	.00086
#3	-.13962	-.00047	-.00100	-.00916	.00157	-.00054	-.00461

Sample Name: CCB01 Acquired: 9/23/2019 13:44:13 Type: Unk
Method: P4-ICP2(v3396) 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	.00055	-.0002	.00000	F .49597	F<.00000
Stddev	.00694	.0026	.00011	1.0952	.97842
%RSD	1253.7	1281.	6142.2	220.82	214.73
#1	-.00137	.0019	.00012	1.4800	-1.2549
#2	.00825	-.0030	-.00008	-.68402	.63551
#3	-.00522	.0005	-.00004	.69197	-.74760
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.5	34985.	2604.0	141.78	2444.7
Stddev	1.7	19.	6.2	.59	2.4
%RSD	.06935	.05300	.23763	.41707	.09980
#1	2379.9	35004.	2598.3	141.36	2447.1
#2	2383.2	34983.	2603.2	141.51	2442.2
#3	2381.4	34967.	2610.6	142.45	2444.8

Sample Name: LR CHECK 1 Acquired: 9/23/2019 13:48:24 Type: Unk
Method: P4-ICP2(v3396) 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	.21987	.14620	.00161	-.22127	-.00456	1926.2	.05400	.04033
Stddev	.00500	.00669	.01042	.01129	.00841	7.7	.00088	.00044
%RSD	2.2738	4.5753	645.14	5.1003	184.37	.40025	1.6267	1.0820

#1	.21614	.13847	.00311	-.22341	-.01245	1925.2	.05447	.03982
#2	.21793	.14993	-.00947	-.23133	.00429	1919.0	.05455	.04058
#3	.22555	.15018	.01121	-.20907	-.00553	1934.3	.05299	.04058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08844	1739.2	.01856	.07837	.47619	958.90	-.08431	1824.3
Stddev	.00068	21.7	.00053	.00034	.00111	2.01	.00066	9.0
%RSD	.77283	1.2501	2.8796	.43289	.23260	.21008	.78619	.49205

#1	.08869	1725.9	.01904	.07868	.47743	960.60	-.08459	1834.3
#2	.08767	1727.4	.01799	.07842	.47581	956.68	-.08478	1821.4
#3	.08897	1764.3	.01866	.07801	.47531	959.44	-.08355	1817.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06807	-.17288	1839.3	.01780	.20463	1089.1	.00896	-1.6814
Stddev	.00187	.00101	20.1	.00093	.00158	8.0	.00087	.0022
%RSD	2.7527	.58560	1.0903	5.2007	.77115	.73324	9.7001	.13253

#1	.06618	-.17383	1845.5	.01887	.20632	1098.3	.00801	-1.6795
#2	.06992	-.17299	1855.5	.01729	.20320	1085.6	.00972	-1.6838
#3	.06810	-.17182	1816.9	.01724	.20437	1083.5	.00913	-1.6808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54887	.03055	.05511	-.06784	.25958	.2090	-1.0486	<.00000
Stddev	.00673	.00133	.00230	.00069	.00856	.0115	.0022	1.1067
%RSD	1.2270	4.3472	4.1773	1.0217	3.2989	5.496	.21110	16.795

#1	.54170	.03196	.05246	-.06743	.24982	.2210	-1.0506	-5.4023
#2	.55506	.02933	.05626	-.06746	.26313	.2080	-1.0462	-6.7740
#3	.54984	.03037	.05661	-.06865	.26580	.1981	-1.0490	-7.5926

Sample Name: LR CHECK 1 Acquired: 9/23/2019 13:48:24 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	11.246
%RSD	.71053

#1	-1588.6
#2	-1589.9
#3	-1569.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.2	26363.	2308.6	124.15	1144.9
Stddev	5.6	97.	4.1	.94	2.1
%RSD	.30276	.36786	.17547	.76039	.18367

#1	1834.6	26259.	2311.2	124.20	1142.9
#2	1845.4	26450.	2310.6	123.18	1147.1
#3	1837.5	26382.	2303.9	125.07	1144.7

Sample Name: LR CHECK 2 Acquired: 9/23/2019 13:53:20 Type: Unk
Method: P4-ICP2(v3396) 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	-.01374	.01618	262.02	.04252	-.04799	-.12166	101.69	-.00302
Stddev	.00098	.00121	1.10	.00109	.00241	.02073	.53	.00008
%RSD	7.1332	7.4969	.42145	2.5541	5.0152	17.037	.51728	2.6730

#1	-.01361	.01696	260.82	.04135	-.04752	-.10272	101.41	-.00311
#2	-.01283	.01680	262.99	.04272	-.04585	-.11847	101.37	-.00296
#3	-.01477	.01478	262.27	.04349	-.05060	-.14380	102.30	-.00300

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01144	.42418	-.12374	.00748	230.86	-.67877	49.153	-.02268
Stddev	.00012	.02567	.00026	.00017	2.86	.00729	.134	.00615
%RSD	1.0512	6.0525	.20975	2.2387	1.2367	1.0740	.27248	27.107

#1	-.01130	.45371	-.12385	.00760	230.91	-.67251	49.192	-.02175
#2	-.01148	.41158	-.12393	.00729	227.98	-.67702	49.004	-.01705
#3	-.01153	.40724	-.12344	.00756	233.69	-.68677	49.264	-.02924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.840	.00368	.77760	-.10596	33.638	.88531	-.00567	.00288
Stddev	.241	.00055	.03328	.00068	.143	.04669	.00028	.00440
%RSD	.45523	14.889	4.2796	.64222	.42649	5.2738	4.9782	152.80

#1	52.579	.00336	.74354	-.10595	33.523	.84246	-.00553	.00140
#2	53.054	.00431	.81003	-.10664	33.799	.93507	-.00599	-.00059
#3	52.885	.00337	.77922	-.10528	33.593	.87840	-.00547	.00784

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09226	.01359	.00249	-.00131	.01013	-.7719	.00131	3.5395
Stddev	.00505	.00311	.00108	.00147	.00286	.0066	.00015	.1869
%RSD	5.4731	22.911	43.136	111.79	28.248	.8545	11.531	5.2815

#1	.09606	.01089	.00367	.00037	.01291	-.7643	.00121	3.3501
#2	.09420	.01288	.00157	-.00235	.01030	-.7746	.00124	3.7238
#3	.08653	.01699	.00224	-.00196	.00719	-.7766	.00149	3.5446

Sample Name: LR CHECK 2 Acquired: 9/23/2019 13:53:20 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	27.433
Stddev	1.561
%RSD	5.6915

#1	27.733
#2	25.744
#3	28.823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2299.2	34878.	2622.4	144.63	2233.6
Stddev	7.9	13.	22.4	1.32	8.2
%RSD	.34209	.03640	.85447	.91592	.36899

#1	2307.4	34879.	2606.5	145.65	2243.0
#2	2298.5	34890.	2648.0	145.11	2227.7
#3	2291.8	34865.	2612.7	143.14	2230.1

Sample Name: K4665-01 Acquired: 9/23/2019 14:10:54 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12132	-.00182	.89442	.01312	-.00451	121.19	.60409
Stddev	.00189	.00179	.00386	.00184	.00172	.83	.00176
%RSD	1.5588	97.926	.43143	14.027	38.168	.68186	.29214

#1	.11915	-.00034	.89086	.01422	-.00348	120.57	.60598
#2	.12220	-.00132	.89852	.01414	-.00650	120.87	.60249
#3	.12261	-.00381	.89388	.01099	-.00355	122.13	.60381

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00733	.01086	53.825	.20695	.13466	.37243	213.16
Stddev	.00011	.00004	1.163	.00113	.00094	.00104	.34
%RSD	1.4579	.38788	2.1613	.54839	.69722	.27965	.15855

#1	.00740	.01090	54.072	.20662	.13439	.37176	213.32
#2	.00721	.01086	52.558	.20821	.13571	.37363	213.40
#3	.00738	.01081	54.845	.20602	.13389	.37189	212.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3267	44.798	.22838	-.01098	9.4372	.43892	1.8788
Stddev	.0079	.369	.00167	.00018	.0390	.00174	.0085
%RSD	.18324	.82415	.73138	1.5944	.41353	.39647	.45468

#1	4.3244	44.716	.22668	-.01079	9.3987	.43959	1.8708
#2	4.3356	44.476	.23002	-.01113	9.4361	.44022	1.8878
#3	4.3202	45.201	.22844	-.01104	9.4767	.43694	1.8780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5365	.00346	-.02350	5.3339	3.4247	.02292	3.5502
Stddev	.0403	.00015	.00590	.0211	.0891	.00108	.0735
%RSD	.47171	4.4608	25.108	.39475	2.6021	4.7072	2.0698

#1	8.4915	.00339	-.02895	5.3412	3.4298	.02180	3.5526
#2	8.5690	.00335	-.01723	5.3503	3.3331	.02396	3.4756
#3	8.5489	.00364	-.02431	5.3102	3.5111	.02301	3.6225

Sample Name: K4665-01 Acquired: 9/23/2019 14:10:54 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-091919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11246	7.935	-.05478	<.00000	F<.00000
Stddev	.00707	.033	.00388	1.6978	2.7991
%RSD	6.2872	.4096	7.0809	13.019	.91628
#1	.11871	7.898	-.05435	-11.213	-302.68
#2	.10479	7.960	-.05885	-14.570	-305.48
#3	.11389	7.948	-.05113	-13.338	-308.28
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3090.0	44779.	3478.1	146.30	2149.1
Stddev	10.1	78.	64.7	3.57	8.7
%RSD	.32586	.17407	1.8604	2.4428	.40276
#1	3097.9	44770.	3453.0	146.17	2158.1
#2	3078.7	44707.	3551.6	149.93	2140.8
#3	3093.5	44862.	3429.7	142.79	2148.5

Sample Name: K4980-04 Acquired: 9/23/2019 14:15:09 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAND-STOCKPI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11197	-.00020	.66206	.01458	-.00636	87.402	.52820
Stddev	.00434	.00073	.00090	.00329	.00157	1.398	.00888
%RSD	3.8753	368.26	.13634	22.566	24.709	1.5989	1.6818

#1	.10975	-.00103	.66285	.01434	-.00586	85.900	.51828
#2	.10919	.00015	.66107	.01142	-.00812	87.644	.53092
#3	.11697	.00029	.66226	.01799	-.00510	88.664	.53541

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00707	.00835	33.309	.17885	.12374	.30566	202.75
Stddev	.00024	.00012	.435	.00101	.00037	.00093	1.07
%RSD	3.4067	1.4139	1.3067	.56235	.30103	.30525	.52916

#1	.00733	.00843	32.821	.17904	.12395	.30641	203.12
#2	.00701	.00840	33.449	.17776	.12331	.30461	201.55
#3	.00686	.00821	33.658	.17975	.12395	.30595	203.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7397	43.389	.71555	-.00916	1.0122	.25743	1.6576
Stddev	.0223	.426	.00086	.00061	.0165	.00089	.0026
%RSD	.38837	.98190	.12019	6.7078	1.6276	.34510	.15474

#1	5.7150	42.901	.71459	-.00848	1.0018	.25675	1.6550
#2	5.7461	43.574	.71578	-.00968	1.0035	.25710	1.6576
#3	5.7582	43.690	.71626	-.00931	1.0312	.25843	1.6601

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6736	.00248	-.01446	1.3808	3.1571	.03060	3.0119
Stddev	.1265	.00053	.00183	.0090	.0267	.00045	.0247
%RSD	1.3072	21.212	12.683	.65062	.84415	1.4584	.81970

#1	9.5708	.00205	-.01510	1.3841	3.1527	.03109	2.9840
#2	9.6352	.00306	-.01239	1.3877	3.1856	.03023	3.0206
#3	9.8148	.00232	-.01589	1.3707	3.1329	.03047	3.0310

Sample Name: K4980-04 Acquired: 9/23/2019 14:15:09 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAND-STOCKPI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11933	5.407	-.07287	<.00000	F<.00000
Stddev	.00573	.020	.00226	.24771	1.4057
%RSD	4.8036	.3609	3.1056	4.1441	.58083
#1	.12540	5.388	-.07503	-6.1929	-241.44
#2	.11401	5.427	-.07051	-5.7068	-243.61
#3	.11857	5.405	-.07309	-6.0324	-240.98
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.7	40415.	3084.2	144.72	2208.2
Stddev	4.6	177.	15.5	.97	6.0
%RSD	.16445	.43675	.50261	.67084	.27398
#1	2785.0	40483.	3096.8	145.04	2213.9
#2	2791.9	40547.	3088.8	143.63	2208.8
#3	2783.2	40215.	3066.9	145.50	2201.8

Sample Name: K4997-01 Acquired: 9/23/2019 14:19:35 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAND-STOCKPI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23667	.01603	2.9783	.01443	-.00026	169.70	1.1845
Stddev	.00124	.00208	.0100	.00253	.00076	1.01	.0039
%RSD	.52538	12.966	.33674	17.531	293.02	.59517	.33231

#1	.23768	.01673	2.9683	.01448	-.00107	168.56	1.1812
#2	.23704	.01369	2.9883	.01693	-.00013	170.49	1.1835
#3	.23528	.01766	2.9782	.01187	.00043	170.06	1.1889

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00535	.01398	160.34	.25593	.02558	.39595	208.52
Stddev	.00020	.00034	.56	.00162	.00018	.00222	.46
%RSD	3.7031	2.4348	.34910	.63301	.70419	.56029	.22189

#1	.00534	.01372	160.29	.25494	.02550	.39344	208.88
#2	.00556	.01385	160.93	.25780	.02546	.39762	208.68
#3	.00516	.01436	159.81	.25505	.02579	.39681	208.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0314	89.804	.09042	-.00767	.45366	.35319	2.1155
Stddev	.0022	.460	.00083	.00056	.00372	.00182	.0034
%RSD	.21179	.51200	.92290	7.2976	.81904	.51596	.15893

#1	1.0330	89.311	.09122	-.00731	.45038	.35157	2.1117
#2	1.0321	89.879	.08955	-.00739	.45769	.35516	2.1169
#3	1.0289	90.221	.09048	-.00832	.45291	.35284	2.1179

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8968	.00964	-.03149	3.5125	4.2504	.09546	.96754
Stddev	.0838	.00027	.00111	.0165	.0062	.00171	.00301
%RSD	2.1514	2.8347	3.5398	.47075	.14484	1.7925	.31102

#1	3.8000	.00994	-.03237	3.5051	4.2575	.09532	.96688
#2	3.9440	.00941	-.03187	3.5315	4.2468	.09382	.97082
#3	3.9465	.00956	-.03024	3.5010	4.2468	.09723	.96491

Sample Name: K4997-01 Acquired: 9/23/2019 14:19:35 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAND-STOCKPI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09039	6.306	-.00490	1.3216	F<.00000
Stddev	.00313	.008	.00033	.5301	3.4068
%RSD	3.4605	.1257	6.7741	40.114	1.4890
#1	.08679	6.299	-.00453	1.7887	-229.18
#2	.09200	6.314	-.00503	1.4307	-232.01
#3	.09239	6.305	-.00515	.74536	-225.22
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.6	36046.	2812.9	142.02	2112.7
Stddev	2.2	23.	18.8	1.30	1.6
%RSD	.08945	.06426	.66962	.91595	.07583
#1	2491.8	36043.	2795.5	143.37	2112.4
#2	2487.3	36025.	2810.3	140.77	2111.2
#3	2489.7	36071.	2832.9	141.92	2114.4

Sample Name: K4997-03 Acquired: 9/23/2019 14:23:53 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-08-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23671	.01486	2.5862	.01672	-.00212	155.00	1.3520
Stddev	.00174	.00143	.0063	.00133	.00412	1.05	.0136
%RSD	.73538	9.6559	.24180	7.9422	194.64	.67960	1.0086

#1	.23585	.01348	2.5929	.01802	-.00535	155.68	1.3663
#2	.23872	.01634	2.5805	.01677	-.00353	153.79	1.3391
#3	.23557	.01475	2.5853	.01536	.00252	155.54	1.3507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	.01087	106.32	.21242	.03341	.36243	174.25
Stddev	.00007	.00015	4.80	.00174	.00041	.00083	.76
%RSD	1.2037	1.4069	4.5114	.82043	1.2176	.22927	.43585

#1	.00615	.01091	110.67	.21059	.03363	.36333	173.83
#2	.00611	.01099	101.18	.21406	.03365	.36228	173.79
#3	.00625	.01070	107.12	.21260	.03294	.36169	175.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1666	49.168	.08365	-.00529	.93976	.31021	2.8079
Stddev	.0006	.386	.00033	.00041	.00941	.00132	.0023
%RSD	.05267	.78511	.39989	7.7650	1.0010	.42646	.08253

#1	1.1664	49.252	.08327	-.00521	.93849	.31159	2.8064
#2	1.1673	48.746	.08377	-.00573	.93106	.31008	2.8067
#3	1.1661	49.504	.08391	-.00492	.94974	.30895	2.8106

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2255	.00898	-.00736	2.3473	5.1839	.07913	.90658
Stddev	.0385	.00038	.00788	.0104	.1705	.00045	.03279
%RSD	.73634	4.2279	107.03	.44374	3.2886	.56457	3.6171

#1	5.2389	.00898	-.00367	2.3593	5.3715	.07964	.93880
#2	5.2555	.00861	-.00200	2.3410	5.0385	.07886	.87324
#3	5.1821	.00937	-.01640	2.3415	5.1418	.07888	.90770

Sample Name: K4997-03 Acquired: 9/23/2019 14:23:53 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-08-091919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09643	6.813	.46727	1.3692	F<.00000
Stddev	.00745	.020	.02935	.6235	2.6297
%RSD	7.7304	.2933	6.2804	45.535	1.4268

#1	.09904	6.834	.49351	1.1959	-183.20
#2	.08803	6.795	.43558	.85073	-187.31
#3	.10224	6.809	.47271	2.0610	-182.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.7	36767.	2842.6	142.03	2174.6
Stddev	2.9	40.	107.5	3.88	1.7
%RSD	.11624	.10936	3.7799	2.7292	.07748

#1	2513.9	36775.	2748.1	140.59	2173.1
#2	2519.8	36802.	2959.4	146.42	2176.4
#3	2516.5	36723.	2820.2	139.08	2174.3

Sample Name: K4997-05 Acquired: 9/23/2019 14:28:14 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-09-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18562	.01204	1.9605	.01785	-.00193	142.06	.93881
Stddev	.00368	.00166	.0032	.00153	.00270	.42	.00497
%RSD	1.9809	13.778	.16426	8.5667	140.20	.29285	.52938

#1	.18138	.01043	1.9639	.01862	.00033	141.65	.94051
#2	.18771	.01374	1.9602	.01609	-.00119	142.05	.94271
#3	.18778	.01194	1.9575	.01884	-.00492	142.49	.93321

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00516	.00945	38.072	.21836	.02904	.37462	170.07
Stddev	.00027	.00006	.620	.00085	.00013	.00101	.39
%RSD	5.1518	.64599	1.6275	.38985	.45902	.26992	.23065

#1	.00522	.00951	37.358	.21842	.02897	.37353	170.50
#2	.00539	.00939	38.471	.21917	.02919	.37552	169.98
#3	.00487	.00945	38.386	.21747	.02896	.37482	169.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0338	15.331	.07283	-.00403	.32269	.30893	2.0608
Stddev	.0018	.103	.00035	.00069	.01603	.00101	.0037
%RSD	.17743	.66880	.47439	17.104	4.9665	.32854	.18176

#1	1.0356	15.270	.07298	-.00472	.30625	.30822	2.0601
#2	1.0337	15.449	.07244	-.00403	.33826	.30848	2.0648
#3	1.0319	15.273	.07308	-.00334	.32355	.31010	2.0574

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7767	.00771	-.00896	2.1493	4.6783	.07613	.90885
Stddev	.0331	.00038	.00230	.0071	.1007	.00027	.01717
%RSD	.69364	4.9783	25.630	.32875	2.1532	.35941	1.8889

#1	4.7395	.00756	-.00764	2.1457	4.5775	.07585	.88964
#2	4.8030	.00814	-.00763	2.1447	4.7790	.07639	.92268
#3	4.7876	.00742	-.01161	2.1574	4.6784	.07615	.91424

Sample Name: K4997-05 Acquired: 9/23/2019 14:28:14 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-09-091919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07599	6.278	.06493	.34451	F<.00000
Stddev	.01141	.005	.00336	1.6671	2.8535
%RSD	15.010	.0815	5.1772	483.90	1.6198

#1	.06282	6.276	.06114	2.2193	-172.87
#2	.08258	6.284	.06757	-.97116	-177.89
#3	.08257	6.275	.06607	-.21458	-177.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.3	37244.	2853.6	144.40	2248.2
Stddev	7.9	73.	34.1	1.27	5.0
%RSD	.30817	.19688	1.1940	.87617	.22455

#1	2562.8	37159.	2893.0	143.31	2246.7
#2	2554.2	37287.	2834.9	145.79	2244.0
#3	2570.0	37285.	2833.0	144.10	2253.8

Sample Name: K4997-07 Acquired: 9/23/2019 14:32:36 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-10-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15353	.00979	1.7393	.01156	-.00010	139.97	.78337
Stddev	.00148	.00066	.0042	.00249	.00155	2.21	.01529
%RSD	.96142	6.7629	.24368	21.534	1523.1	1.5753	1.9523

#1	.15234	.00966	1.7430	.01369	-.00157	141.58	.79330
#2	.15518	.00920	1.7404	.01216	-.00024	137.46	.76576
#3	.15306	.01050	1.7347	.00882	.00151	140.88	.79106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.00806	42.992	.19267	.02214	.25737	133.16
Stddev	.00007	.00013	.328	.00443	.00078	.00055	1.77
%RSD	1.7325	1.5992	.76203	2.3006	3.5283	.21466	1.3320

#1	.00409	.00805	42.654	.19521	.02147	.25677	134.12
#2	.00396	.00794	43.308	.18755	.02194	.25747	131.11
#3	.00399	.00819	43.013	.19525	.02300	.25786	134.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93662	19.615	.06136	-.00331	.39558	.25408	2.0702
Stddev	.02031	.405	.00044	.00061	.02483	.00522	.0063
%RSD	2.1683	2.0623	.71590	18.508	6.2757	2.0546	.30438

#1	.95098	19.851	.06178	-.00322	.40679	.25738	2.0676
#2	.91338	19.148	.06141	-.00274	.36713	.24806	2.0774
#3	.94549	19.846	.06090	-.00396	.41283	.25679	2.0657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6347	.00582	-.00283	1.6535	6.1687	.04116	.90791
Stddev	.0795	.00039	.00274	.0108	.4372	.00155	.00618
%RSD	2.1863	6.6932	96.535	.65308	7.0871	3.7662	.68097

#1	3.6980	.00626	.00032	1.6604	5.7014	.04248	.91412
#2	3.5455	.00569	-.00448	1.6591	6.5677	.03945	.90784
#3	3.6605	.00552	-.00434	1.6411	6.2370	.04155	.90176

Sample Name: K4997-07 Acquired: 9/23/2019 14:32:36 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-10-091919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07506	5.322	.09906	1.1833	F<.00000
Stddev	.00502	.021	.00349	1.3079	.44400
%RSD	6.6882	.3868	3.5193	110.52	.32187

#1	.06954	5.337	.09627	1.4897	-138.41
#2	.07627	5.329	.10297	-.25051	-137.89
#3	.07936	5.298	.09794	2.3108	-137.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.5	37511.	2822.2	144.43	2258.0
Stddev	4.0	727.	12.4	.49	5.6
%RSD	.15558	1.9391	.43796	.34015	.24695

#1	2570.0	37007.	2835.4	143.88	2260.5
#2	2562.2	38345.	2810.9	144.59	2251.6
#3	2567.2	37182.	2820.2	144.82	2261.8

Sample Name: PB123297BS Acquired: 9/23/2019 14:40:57 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123297BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72694	1.8091	.89874	1.8284	.74283	1.8658	.19022	.19064
Stddev	.01700	.0275	.01419	.0326	.01022	.0103	.00322	.00023
%RSD	2.3385	1.5200	1.5790	1.7850	1.3756	.55290	1.6950	.12019
#1	.70739	1.7789	.88356	1.7914	.73289	1.8749	.18676	.19056
#2	.73516	1.8159	.90098	1.8406	.74229	1.8546	.19078	.19090
#3	.73826	1.8326	.91168	1.8532	.75330	1.8680	.19314	.19047
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17492	.95769	.39150	.18350	.30155	2.9984	.20281	1.9760
Stddev	.00301	.02711	.00175	.00319	.00488	.0114	.00026	.0129
%RSD	1.7217	2.8308	.44588	1.7385	1.6190	.38050	.12925	.65309
#1	.17155	.97988	.38975	.18004	.29621	2.9882	.20267	1.9816
#2	.17588	.92747	.39324	.18415	.30265	3.0107	.20265	1.9852
#3	.17734	.96572	.39151	.18632	.30579	2.9963	.20311	1.9613
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45838	.07114	2.8279	.29083	.18050	9.3891	.38311	.28459
Stddev	.00850	.00056	.0230	.00100	.00352	.0702	.00642	.00209
%RSD	1.8533	.78855	.81388	.34255	1.9526	.74741	1.6747	.73323
#1	.44907	.07050	2.8165	.28997	.17648	9.3816	.37607	.28584
#2	.46038	.07136	2.8127	.29192	.18202	9.3229	.38466	.28574
#3	.46570	.07156	2.8544	.29060	.18302	9.4627	.38861	.28218
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01305	.87685	.62702	.18505	.20262	F 4.978	F .18799	2.3251
Stddev	.00633	.02487	.01058	.00792	.00906	.084	.00595	.9506
%RSD	48.492	2.8360	1.6881	4.2784	4.4704	1.690	3.1669	40.887
#1	.01261	.89508	.61525	.19130	.21179	4.883	.19300	2.3672
#2	.01958	.84852	.63007	.17614	.19368	5.006	.18141	3.2539
#3	.00695	.88694	.63575	.18770	.20239	5.044	.18956	1.3540

Sample Name: PB123297BS Acquired: 9/23/2019 14:40:57 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123297BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.4345
%RSD	20.281

#1	-5.7594
#2	-6.8560
#3	-8.6036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.9	34200.	2544.0	141.67	2373.2
Stddev	18.1	110.	71.3	3.77	20.0
%RSD	.77447	.32179	2.8032	2.6589	.84439

#1	2357.8	34213.	2475.3	139.69	2396.3
#2	2326.2	34084.	2617.6	146.01	2360.6
#3	2326.7	34303.	2539.0	139.31	2362.7

Sample Name: CCV02 Acquired: 9/23/2019 14:46:59 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15508 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0614	4.9558	4.9641	5.0570	5.0559	10.010	9.7628	.25746
Stddev	.0121	.0193	.0092	.0205	.0137	.046	.0501	.00076
%RSD	.23836	.38987	.18491	.40587	.27141	.45721	.51338	.29469
#1	5.0635	4.9397	4.9729	5.0684	5.0651	9.9577	9.7789	.25833
#2	5.0483	4.9506	4.9648	5.0694	5.0625	10.042	9.7066	.25702
#3	5.0722	4.9772	4.9546	5.0334	5.0401	10.031	9.8029	.25702
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4336	24.679	1.0251	2.4780	1.2687	5.2165	2.5825	25.448
Stddev	.0037	.847	.0032	.0037	.0015	.0125	.0066	.124
%RSD	.15315	3.4340	.31141	.14886	.12127	.23990	.25443	.48641
#1	2.4321	24.897	1.0284	2.4764	1.2705	5.2310	2.5887	25.400
#2	2.4310	23.744	1.0248	2.4754	1.2679	5.2096	2.5756	25.354
#3	2.4379	25.396	1.0221	2.4822	1.2678	5.2090	2.5831	25.588
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4686	1.2825	24.744	2.5563	2.4514	24.885	5.1108	4.9807
Stddev	.0075	.0033	.095	.0049	.0034	.082	.0044	.0076
%RSD	.30203	.25535	.38563	.19314	.13865	.33035	.08695	.15308
#1	2.4636	1.2836	24.813	2.5551	2.4508	24.951	5.1116	4.9761
#2	2.4651	1.2851	24.635	2.5521	2.4483	24.793	5.1148	4.9765
#3	2.4772	1.2788	24.784	2.5617	2.4550	24.912	5.1060	4.9895
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8543	5.0520	5.0000	4.9794	4.9585	4.927	5.0314	F 4.1862
Stddev	.0332	.1664	.0108	.1581	.1648	.013	.1685	.2285
%RSD	.68302	3.2937	.21644	3.1754	3.3225	.2547	3.3495	5.4574
#1	4.8702	5.0970	4.9906	5.0101	5.0109	4.926	5.0851	4.4489
#2	4.8162	4.8677	4.9976	4.8082	4.7739	4.914	4.8425	4.0340
#3	4.8764	5.1912	5.0119	5.1199	5.0906	4.939	5.1665	4.0757

Sample Name: CCV02 Acquired: 9/23/2019 14:46:59 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15508 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2691
Stddev	1.7322
%RSD	76.339

#1	.80350
#2	4.1806
#3	1.8230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.8	33782.	2567.2	140.00	2186.2
Stddev	6.0	143.	79.0	2.74	.7
%RSD	.26200	.42353	3.0754	1.9586	.03272

#1	2279.2	33621.	2532.0	138.67	2186.5
#2	2277.7	33830.	2657.7	143.15	2185.3
#3	2288.7	33895.	2512.0	138.16	2186.6

Sample Name: CCB02 Acquired: 9/23/2019 14:50:56 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15508 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	.00191	.00117	.00099	-.00121	-.00665	-.00131	-.00015
Stddev	.00189	.00070	.00123	.00121	.00408	.01015	.00315	.00009
%RSD	205.07	36.401	105.02	122.00	338.15	152.68	240.90	60.376
#1	-.00196	.00218	.00039	.00172	.00170	-.00168	.00205	-.00011
#2	.00126	.00244	.00259	.00167	-.00588	.00007	-.00420	-.00009
#3	-.00207	.00112	.00053	-.00041	.00056	-.01832	-.00177	-.00026
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01740	.00039	-.00005	.00138	-.00031	-.00001	.01291
Stddev	.00011	.01755	.00015	.00008	.00059	.00080	.00011	.02409
%RSD	362.93	100.86	38.968	163.53	42.567	256.98	1471.3	186.57
#1	.00015	-.01987	.00026	-.00005	.00133	.00061	-.00012	.00438
#2	-.00001	.00125	.00036	-.00013	.00081	-.00069	.00009	-.00575
#3	-.00005	-.03359	.00056	.00003	.00199	-.00085	.00001	.04011
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	.00048	-.04427	-.00001	.00059	-.09096	.00108	.00652
Stddev	.00074	.00039	.00964	.00027	.00001	.04955	.00039	.00448
%RSD	95.439	80.039	21.763	3836.8	1.7667	54.476	35.863	68.712
#1	.00005	.00045	-.05434	-.00032	.00058	-.06901	.00149	.00179
#2	-.00137	.00011	-.03514	.00016	.00060	-.14770	.00101	.01070
#3	-.00101	.00088	-.04335	.00014	.00058	-.05617	.00073	.00708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	.00704	.00142	.00167	F .00594	.0003	.00010	F 1.8176
Stddev	.00429	.00089	.00045	.00076	.00184	.0024	.00021	.6440
%RSD	195.25	12.615	31.850	45.836	31.008	863.4	208.69	35.429
#1	.00158	.00665	.00151	.00180	.00414	-.0020	.00034	1.4928
#2	-.00131	.00640	.00182	.00235	.00586	-.0000	-.00003	1.4007
#3	-.00686	.00805	.00093	.00084	.00782	.0029	-.00001	2.5593

Sample Name: CCB02 Acquired: 9/23/2019 14:50:56 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15508 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9729
Stddev	.5332
%RSD	27.027

#1	1.8876
#2	1.4874
#3	2.5436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.2	34576.	2548.1	142.02	2398.6
Stddev	16.6	74.	7.3	2.05	15.9
%RSD	.71091	.21466	.28818	1.4430	.66311

#1	2341.0	34660.	2544.0	140.95	2408.9
#2	2334.1	34547.	2543.7	140.73	2406.7
#3	2309.5	34520.	2556.6	144.39	2380.3

Sample Name: PB123297BL Acquired: 9/23/2019 14:55:25 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB123297BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	-.00017	.00062	-.00178	-.00061	-.00391	.00342	-.00002
Stddev	.00278	.00181	.00070	.00145	.00178	.00649	.00476	.00006
%RSD	124.44	1052.5	114.06	81.398	292.53	166.10	139.34	348.92

#1	-.00175	.00002	.00120	-.00329	.00119	.00037	.00714	.00005
#2	-.00522	.00153	.00081	-.00040	-.00238	-.00072	-.00195	-.00007
#3	.00027	-.00207	-.00016	-.00164	-.00064	-.01137	.00506	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00314	-.00037	.00010	.00162	-.00084	-.00002	.03681
Stddev	.00007	.00647	.00032	.00017	.00057	.00075	.00002	.04292
%RSD	77.166	206.07	86.469	173.09	35.468	89.956	106.35	116.60

#1	-.00005	-.01055	-.00008	-.00002	.00228	.00001	.00000	.08633
#2	-.00006	-.00029	-.00071	.00030	.00122	-.00111	-.00002	.01384
#3	-.00017	.00141	-.00032	.00002	.00136	-.00141	-.00003	.01026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00007	-.04316	-.00039	-.00001	-.12394	.00000	.00210
Stddev	.00064	.00030	.01123	.00049	.00001	.02537	.00006	.00527
%RSD	115.53	403.96	26.022	127.63	63.578	20.471	5911.4	251.06

#1	-.00130	-.00024	-.04803	-.00000	-.00001	-.14679	.00003	.00024
#2	-.00026	.00037	-.05114	-.00094	-.00001	-.09664	.00004	-.00199
#3	-.00012	.00010	-.03032	-.00022	-.00000	-.12841	-.00007	.00804

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	.00284	.00076	-.00176	.00306	-.0001	-.00007	1.7399
Stddev	.00435	.00285	.00034	.00057	.00110	.0016	.00006	2.0462
%RSD	424.35	100.39	44.216	32.431	35.893	1695.	86.950	117.60

#1	-.00605	.00193	.00088	-.00122	.00412	.0010	-.00001	3.1280
#2	.00134	.00603	.00038	-.00170	.00313	-.0020	-.00014	-.60997
#3	.00163	.00056	.00102	-.00235	.00193	.0007	-.00007	2.7017

Sample Name: PB123297BL Acquired: 9/23/2019 14:55:25 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB123297BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3626
Stddev	1.3929
%RSD	58.956

#1	1.6084
#2	1.5095
#3	3.9700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.9	33930.	2540.0	141.04	2389.5
Stddev	31.2	771.	5.4	1.10	35.3
%RSD	1.3377	2.2719	.21391	.78050	1.4766

#1	2295.2	33329.	2545.0	141.15	2348.9
#2	2352.8	34800.	2534.2	142.08	2413.0
#3	2344.6	33662.	2540.8	139.89	2406.6

Sample Name: K4997-09 Acquired: 9/23/2019 14:59:54 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19004	.00963	1.7151	.01634	-.00133	106.97	.80289
Stddev	.00221	.00303	.0150	.00124	.00097	.36	.00398
%RSD	1.1618	31.435	.87315	7.6128	72.546	.33705	.49514

#1	.19150	.00820	1.7104	.01634	-.00237	106.68	.80709
#2	.19112	.01311	1.7319	.01759	-.00116	106.85	.79919
#3	.18750	.00758	1.7031	.01510	-.00046	107.37	.80238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	.00729	23.081	.15390	.01941	.23372	139.43
Stddev	.00020	.00017	.007	.00156	.00034	.00214	.14
%RSD	4.9490	2.3516	.03190	1.0111	1.7760	.91708	.09949

#1	.00413	.00718	23.072	.15399	.01902	.23320	139.55
#2	.00420	.00749	23.087	.15230	.01960	.23608	139.28
#3	.00382	.00719	23.083	.15541	.01963	.23189	139.46

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1713	9.2398	.05073	-.00312	.45036	.20896	1.8474
Stddev	.0014	.0364	.00041	.00039	.00986	.00117	.0173
%RSD	.11774	.39406	.80588	12.497	2.1898	.56082	.93597

#1	1.1729	9.2334	.05116	-.00355	.43950	.21011	1.8437
#2	1.1705	9.2071	.05069	-.00279	.45280	.20900	1.8663
#3	1.1706	9.2791	.05035	-.00302	.45877	.20776	1.8323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3885	.00542	-.00037	1.7293	4.4197	.06349	.82143
Stddev	.0318	.00038	.00205	.0146	.0815	.00083	.02274
%RSD	.93818	7.0439	551.38	.84392	1.8451	1.3150	2.7686

#1	3.4215	.00549	.00009	1.7196	4.4741	.06336	.81884
#2	3.3581	.00576	.00140	1.7461	4.3260	.06438	.84536
#3	3.3858	.00501	-.00261	1.7222	4.4591	.06273	.80010

Sample Name: K4997-09 Acquired: 9/23/2019 14:59:54 Type: Unk
 Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06063	5.073	.04279	1.3943	F<.00000
Stddev	.00898	.035	.00026	.6079	1.4296
%RSD	14.819	.6943	.59790	43.596	1.0256

#1	.05051	5.056	.04250	.69942	-141.00
#2	.06766	5.114	.04288	1.8274	-138.92
#3	.06371	5.050	.04299	1.6562	-138.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.1	36898.	2782.5	146.63	2304.5
Stddev	11.8	9.	4.6	1.54	14.7
%RSD	.46397	.02428	.16654	1.0491	.63715

#1	2538.1	36902.	2779.5	146.56	2310.2
#2	2519.6	36905.	2780.2	148.21	2287.8
#3	2541.4	36888.	2787.8	145.13	2315.5

Sample Name: K4997-09DUP Acquired: 9/23/2019 15:04:17 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18828	.00961	1.6817	.01440	.00099	104.58	.78250
Stddev	.00165	.00088	.0100	.00320	.00225	.54	.00958
%RSD	.87459	9.1354	.59729	22.196	228.69	.51619	1.2246

#1	.18720	.00982	1.6911	.01077	-.00116	104.79	.78691
#2	.18746	.00865	1.6829	.01679	.00078	104.99	.78908
#3	.19017	.01037	1.6711	.01566	.00334	103.97	.77151

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	.00701	22.598	.14874	.01909	.23350	135.08
Stddev	.00007	.00018	.075	.00301	.00030	.00146	1.83
%RSD	1.7090	2.5900	.33322	2.0244	1.5613	.62370	1.3528

#1	.00404	.00714	22.513	.15095	.01942	.23191	136.64
#2	.00393	.00680	22.658	.14995	.01884	.23478	135.54
#3	.00405	.00708	22.622	.14531	.01902	.23381	133.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1000	9.1227	.05002	-.00363	.42625	.20292	1.8327
Stddev	.0124	.0503	.00057	.00099	.00265	.00168	.0076
%RSD	1.1269	.55191	1.1385	27.276	.62073	.82746	.41318

#1	1.1117	9.1185	.05014	-.00306	.42385	.20418	1.8414
#2	1.1012	9.1750	.05052	-.00306	.42908	.20358	1.8274
#3	1.0870	9.0745	.04940	-.00477	.42581	.20102	1.8293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2981	.00557	-.00339	1.6958	4.5918	.06191	.83119
Stddev	.0280	.00028	.00472	.0084	.2478	.00106	.01265
%RSD	.84842	5.0142	139.26	.49827	5.3955	1.7129	1.5219

#1	3.3166	.00531	-.00667	1.7036	4.7227	.06129	.82911
#2	3.2659	.00555	-.00553	1.6971	4.3060	.06313	.84476
#3	3.3119	.00586	.00202	1.6868	4.7466	.06131	.81972

Sample Name: K4997-09DUP Acquired: 9/23/2019 15:04:17 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06311	4.959	.05093	.99410	F<.00000
Stddev	.00283	.027	.00190	.56474	1.2164
%RSD	4.4892	.5535	3.7223	56.809	.89697

#1	.06327	4.989	.04927	1.3779	-134.22
#2	.06020	4.954	.05054	1.2588	-136.41
#3	.06586	4.935	.05300	.34563	-136.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.9	37470.	2784.6	144.14	2317.1
Stddev	2.3	195.	5.5	1.39	8.5
%RSD	.09253	.52079	.19928	.96205	.36878

#1	2537.1	37319.	2791.0	144.64	2307.9
#2	2533.2	37401.	2781.6	145.21	2318.8
#3	2537.4	37690.	2781.1	142.57	2324.7

Sample Name: K4997-09LX5 Acquired: 9/23/2019 15:08:38 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03797	.00347	.33373	.00438	-.00124	22.136	.16436
Stddev	.00145	.00010	.00290	.00041	.00060	.149	.00253
%RSD	3.8131	2.9936	.86986	9.2969	48.902	.67521	1.5420

#1	.03654	.00340	.33246	.00395	-.00190	21.990	.16190
#2	.03944	.00341	.33706	.00444	-.00110	22.289	.16697
#3	.03792	.00359	.33169	.00476	-.00072	22.130	.16422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00123	4.9098	.03172	.00397	.05146	30.574
Stddev	.00011	.00015	.1001	.00032	.00019	.00068	.041
%RSD	18.467	12.169	2.0388	1.0064	4.8572	1.3177	.13470

#1	.00069	.00116	5.0248	.03169	.00419	.05105	30.616
#2	.00049	.00113	4.8425	.03205	.00385	.05108	30.572
#3	.00055	.00141	4.8620	.03141	.00386	.05224	30.534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24563	2.1177	.00942	-.00037	.05736	.04328	.36322
Stddev	.00016	.0462	.00046	.00017	.01292	.00077	.00061
%RSD	.06515	2.1817	4.9069	46.510	22.518	1.7734	.16709

#1	.24576	2.1426	.00921	-.00039	.06866	.04244	.36328
#2	.24568	2.1462	.00910	-.00053	.04328	.04395	.36259
#3	.24545	2.0644	.00995	-.00019	.06015	.04344	.36380

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58775	.00082	-.00038	.32463	1.0486	.01283	.17452
Stddev	.01839	.00013	.00729	.00129	.0425	.00018	.00554
%RSD	3.1295	16.383	1913.0	.39663	4.0512	1.3638	3.1760

#1	.56776	.00079	-.00874	.32579	1.0606	.01301	.18034
#2	.60396	.00070	.00299	.32485	1.0014	.01266	.17390
#3	.59152	.00097	.00461	.32325	1.0838	.01283	.16931

Sample Name: K4997-09LX5 Acquired: 9/23/2019 15:08:38 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02758	.9653	.00863	2.4130	F<.00000
Stddev	.00696	.0042	.00117	.5451	1.0234
%RSD	25.237	.4300	13.546	22.591	4.0324

#1	.03519	.9675	.00998	2.9173	-24.235
#2	.02153	.9605	.00794	1.8346	-25.694
#3	.02602	.9679	.00798	2.4869	-26.207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.6	35094.	2573.5	141.19	2379.0
Stddev	4.7	97.	63.6	2.99	5.0
%RSD	.19528	.27541	2.4722	2.1209	.20846

#1	2382.8	35049.	2500.1	137.75	2373.5
#2	2385.1	35028.	2608.8	142.54	2380.3
#3	2391.8	35205.	2611.7	143.27	2383.1

Sample Name: K4997-09MS Acquired: 9/23/2019 15:12:55 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94255	2.0297	2.9890	1.8916	.15994	126.97	1.1235
Stddev	.00276	.0023	.0167	.0090	.00416	.21	.0066
%RSD	.29328	.11245	.55944	.47527	2.5988	.16358	.59038

#1	.93958	2.0291	2.9801	1.8840	.15528	126.75	1.1167
#2	.94504	2.0277	2.9786	1.8893	.16127	127.17	1.1299
#3	.94304	2.0322	3.0083	1.9015	.16327	126.98	1.1237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21249	.20800	31.878	.59097	.22874	.53697	146.77
Stddev	.00060	.00056	.317	.00427	.00079	.00196	.80
%RSD	.28381	.26716	.99475	.72204	.34329	.36582	.54453

#1	.21318	.20742	32.243	.59538	.22794	.53502	147.60
#2	.21217	.20806	31.671	.58686	.22878	.53695	146.71
#3	.21210	.20853	31.719	.59067	.22950	.53895	146.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1471	16.812	.58228	.07317	3.4676	.52212	2.5271
Stddev	.0004	.082	.00239	.00095	.0119	.00086	.0034
%RSD	.03114	.48911	.41087	1.2971	.34289	.16534	.13662

#1	1.1473	16.718	.58030	.07414	3.4571	.52253	2.5238
#2	1.1467	16.845	.58160	.07224	3.4650	.52271	2.5270
#3	1.1474	16.872	.58494	.07314	3.4805	.52113	2.5307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.320	.36055	.18771	1.6215	4.9905	.71844	1.0763
Stddev	.123	.00084	.01131	.0126	.0794	.00476	.0218
%RSD	.92634	.23405	6.0259	.77488	1.5901	.66287	2.0261

#1	13.206	.35958	.17498	1.6260	5.0801	.71527	1.0967
#2	13.451	.36109	.19661	1.6072	4.9620	.71613	1.0534
#3	13.304	.36098	.19154	1.6311	4.9293	.72391	1.0789

Sample Name: K4997-09MS Acquired: 9/23/2019 15:12:55 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28727	F 11.00	.20232	2.4502	F<.00000
Stddev	.00404	.03	.00296	.4715	.66643
%RSD	1.4062	.3025	1.4615	19.244	.44198

#1	.29186	10.97	.20414	1.9677	-150.14
#2	.28426	11.00	.19891	2.4729	-151.47
#3	.28569	11.04	.20391	2.9099	-150.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.6	36396.	2705.0	144.16	2274.4
Stddev	2.6	57.	32.3	.83	5.1
%RSD	.10457	.15663	1.1936	.57535	.22516

#1	2519.3	36376.	2667.8	144.72	2278.8
#2	2514.1	36352.	2722.4	144.54	2268.8
#3	2516.3	36461.	2724.9	143.20	2275.5

Sample Name: K4997-09MSD Acquired: 9/23/2019 15:17:08 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94205	2.0350	3.0514	1.8955	.16952	128.02	1.1750
Stddev	.00171	.0103	.0104	.0052	.00241	.34	.0060
%RSD	.18191	.50393	.33956	.27525	1.4188	.26240	.51409

#1	.94170	2.0456	3.0621	1.8981	.16813	127.99	1.1781
#2	.94054	2.0342	3.0508	1.8895	.16813	128.36	1.1680
#3	.94392	2.0251	3.0414	1.8990	.17230	127.69	1.1788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21240	.20874	34.973	.59268	.23065	.54046	146.44
Stddev	.00036	.00111	.084	.00175	.00085	.00130	.89
%RSD	.16803	.53251	.24076	.29547	.36853	.24057	.60894

#1	.21230	.20982	34.999	.59274	.23153	.54185	147.47
#2	.21210	.20880	34.879	.59439	.23060	.53928	145.92
#3	.21279	.20760	35.041	.59089	.22983	.54024	145.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1581	18.565	.58469	.07292	3.4650	.52535	2.6448
Stddev	.0009	.118	.00329	.00094	.0226	.00135	.0099
%RSD	.07736	.63724	.56343	1.2859	.65238	.25762	.37461

#1	1.1579	18.433	.58782	.07227	3.4391	.52398	2.6560
#2	1.1591	18.599	.58499	.07250	3.4756	.52669	2.6414
#3	1.1574	18.662	.58125	.07399	3.4804	.52539	2.6371

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.398	.36271	.19646	1.6444	5.2091	.72153	1.0835
Stddev	.026	.00132	.00550	.0088	.1044	.00288	.0016
%RSD	.19651	.36483	2.7988	.53579	2.0042	.39947	.14370

#1	13.373	.36423	.19815	1.6528	5.2828	.72474	1.0839
#2	13.395	.36182	.19031	1.6352	5.2548	.72070	1.0849
#3	13.425	.36208	.20090	1.6451	5.0896	.71916	1.0818

Sample Name: K4997-09MSD Acquired: 9/23/2019 15:17:08 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-12-091919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28981	F 11.03	.20246	3.6530	F<.00000
Stddev	.00344	.04	.00030	.4510	1.1990
%RSD	1.1882	.3235	.14982	12.345	.77725
#1	.28790	11.07	.20231	3.9287	-153.07
#2	.29379	11.02	.20227	3.1325	-154.26
#3	.28775	11.00	.20281	3.8976	-155.47
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.7	36440.	2726.8	144.80	2262.0
Stddev	8.3	81.	3.3	3.12	9.4
%RSD	.33226	.22354	.12230	2.1523	.41693
#1	2495.1	36399.	2723.9	141.38	2251.7
#2	2509.7	36387.	2726.2	145.54	2264.0
#3	2509.3	36534.	2730.4	147.48	2270.2

Sample Name: K4997-09A Acquired: 9/23/2019 15:21:21 Type: Unk
Method: P4-ICP2(v3396) 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	.94102	2.0123	3.0006	1.8784	.16584	127.32	1.1300
Stddev	.00742	.0272	.0454	.0232	.00225	.37	.0034
%RSD	.78856	1.3532	1.5121	1.2336	1.3540	.28763	.30030

#1	.93246	1.9819	2.9498	1.8524	.16339	127.11	1.1329
#2	.94559	2.0346	3.0369	1.8968	.16779	127.74	1.1263
#3	.94501	2.0203	3.0151	1.8860	.16634	127.11	1.1307

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21151	.20550	32.392	.58407	.22796	.53524	145.54
Stddev	.00090	.00256	.070	.00360	.00258	.00784	.89
%RSD	.42372	1.2464	.21623	.61689	1.1317	1.4651	.60937

#1	.21249	.20259	32.469	.58331	.22500	.52663	146.56
#2	.21132	.20740	32.372	.58800	.22972	.54197	145.02
#3	.21073	.20652	32.333	.58091	.22917	.53712	145.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1470	17.183	.57644	.07171	3.4327	.52056	2.5188
Stddev	.0012	.009	.00912	.00072	.0132	.00068	.0317
%RSD	.10820	.05268	1.5823	1.0053	.38507	.13008	1.2576

#1	1.1474	17.193	.56600	.07173	3.4258	.52111	2.4825
#2	1.1480	17.178	.58286	.07242	3.4244	.51980	2.5410
#3	1.1456	17.177	.58046	.07098	3.4480	.52077	2.5328

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.301	.36084	.19327	1.6075	5.4006	.71497	1.0790
Stddev	.056	.00431	.00540	.0225	.0121	.01128	.0089
%RSD	.42353	1.1934	2.7957	1.3966	.22452	1.5777	.82925

#1	13.248	.35622	.19515	1.5828	5.3875	.70213	1.0872
#2	13.360	.36474	.19748	1.6268	5.4027	.72328	1.0695
#3	13.294	.36158	.18717	1.6128	5.4115	.71950	1.0802

Sample Name: K4997-09A Acquired: 9/23/2019 15:21:21 Type: Unk
Method: P4-ICP2(v3396) 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	.28925	F 10.91	.20103	3.7351	F<.00000
Stddev	.00264	.14	.00087	.3678	1.0173
%RSD	.91207	1.243	.43131	9.8473	.66843
#1	.28810	10.77	.20203	3.3681	-151.14
#2	.28738	11.04	.20064	3.7334	-152.27
#3	.29227	10.91	.20043	4.1037	-153.17
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.0	36478.	2707.1	143.75	2277.3
Stddev	21.3	80.	16.7	1.51	25.0
%RSD	.84704	.21950	.61844	1.0504	1.0990
#1	2532.9	36428.	2687.8	142.07	2305.1
#2	2490.9	36434.	2716.2	144.20	2256.7
#3	2506.3	36570.	2717.3	144.98	2270.0

Sample Name: CCV03 Acquired: 9/23/2019 15:25:35 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15509 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0567	4.9818	4.9794	5.0913	5.0836	10.158	9.8240	.25941
Stddev	.0319	.0152	.0200	.0214	.0306	.068	.0806	.00158
%RSD	.63133	.30479	.40190	.42075	.60106	.67081	.82015	.60793
#1	5.0745	4.9805	4.9734	5.1008	5.0909	10.212	9.8731	.26123
#2	5.0756	4.9976	5.0018	5.1063	5.1098	10.082	9.7310	.25841
#3	5.0198	4.9673	4.9631	5.0668	5.0501	10.180	9.8679	.25860
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4454	25.005	1.0230	2.4817	1.2774	5.2236	2.5925	25.528
Stddev	.0081	.375	.0039	.0102	.0031	.0287	.0101	.152
%RSD	.32975	1.4980	.38156	.41002	.24112	.54999	.38902	.59732
#1	2.4413	25.133	1.0253	2.4791	1.2781	5.2554	2.6039	25.700
#2	2.4547	24.583	1.0185	2.4929	1.2800	5.1995	2.5889	25.410
#3	2.4402	25.299	1.0253	2.4731	1.2740	5.2157	2.5847	25.473
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4737	1.2821	24.994	2.5605	2.4562	25.143	5.1072	5.0274
Stddev	.0095	.0071	.205	.0098	.0079	.210	.0237	.0347
%RSD	.38550	.55262	.82105	.38204	.32224	.83638	.46481	.68926
#1	2.4706	1.2889	25.098	2.5717	2.4538	25.352	5.1076	5.0408
#2	2.4843	1.2747	24.758	2.5538	2.4650	24.932	5.1308	4.9881
#3	2.4660	1.2827	25.127	2.5559	2.4497	25.146	5.0833	5.0534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8848	5.1164	5.0142	5.0259	5.0129	4.971	5.0802	5.1940
Stddev	.0196	.0478	.0232	.0706	.0855	.024	.0895	1.3623
%RSD	.40085	.93445	.46182	1.4054	1.7050	.4897	1.7622	26.228
#1	4.8769	5.1452	5.0100	5.0552	5.0451	4.953	5.1180	6.7666
#2	4.9071	5.0612	5.0392	4.9453	4.9160	4.999	4.9780	4.4361
#3	4.8704	5.1428	4.9935	5.0772	5.0776	4.962	5.1446	4.3792

Sample Name: CCV03 Acquired: 9/23/2019 15:25:35 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15509 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4069
Stddev	1.3523
%RSD	96.118

#1	2.9683
#2	.61271
#3	.63966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.9	33301.	2525.5	137.76	2162.7
Stddev	13.6	172.	30.9	1.75	12.4
%RSD	.60292	.51790	1.2243	1.2682	.57432

#1	2254.1	33102.	2502.1	137.51	2160.5
#2	2248.4	33393.	2560.6	139.61	2151.5
#3	2274.3	33408.	2514.0	136.15	2176.1

Sample Name: CCB03 Acquired: 9/23/2019 15:29:33 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15509 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00303	.00151	.00076	-.00184	.00066	-.00296	.00391	-.00002
Stddev	.00254	.00144	.00157	.00286	.00066	.01277	.00257	.00003
%RSD	84.081	95.419	207.26	155.56	98.708	431.12	65.763	189.60

#1	-.00240	.00300	-.00042	.00122	.00024	.00455	.00184	-.00002
#2	-.00583	.00141	.00255	-.00444	.00142	-.01771	.00311	.00001
#3	-.00085	.00012	.00015	-.00230	.00033	.00427	.00679	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00573	-.00022	.00008	.00173	.00007	.00003	-.00255
Stddev	.00010	.00409	.00028	.00015	.00015	.00035	.00002	.01974
%RSD	58.499	71.311	125.51	198.53	8.5267	480.06	71.659	773.69

#1	-.00010	-.01011	-.00011	-.00008	.00183	.00037	.00001	-.01051
#2	-.00027	-.00506	-.00053	.00023	.00181	-.00031	.00005	-.01707
#3	-.00012	-.00202	-.00002	.00008	.00156	.00016	.00002	.01993

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00036	-.06312	-.00037	-.00016	-.11269	.00101	.00331
Stddev	.00037	.00033	.00213	.00044	.00017	.01577	.00042	.00644
%RSD	157.84	93.226	3.3719	118.83	103.22	13.991	41.679	194.87

#1	.00018	-.00050	-.06464	-.00079	-.00002	-.12952	.00149	.00704
#2	-.00037	.00002	-.06404	.00009	-.00013	-.09826	.00085	.00701
#3	-.00052	-.00059	-.06069	-.00043	-.00035	-.11029	.00070	-.00413

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00453	.00029	-.00156	F .00889	-.0028	.00008	F 1.5197
Stddev	.00331	.00020	.00054	.00120	.01328	.0008	.00025	.5357
%RSD	2173.8	4.4540	189.75	76.683	149.38	30.36	315.74	35.248

#1	.00195	.00441	.00004	-.00020	.02363	-.0035	.00037	1.2135
#2	.00157	.00477	.00091	-.00245	-.00213	-.0019	-.00009	2.1383
#3	-.00397	.00443	-.00009	-.00205	.00517	-.0030	-.00004	1.2075

Sample Name: CCB03 Acquired: 9/23/2019 15:29:33 Type: Unk
Method: P4-ICP2(v3396) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15509 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6640
Stddev	1.3497
%RSD	81.114

#1	1.6841
#2	.30432
#3	3.0036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.6	34402.	2544.2	143.07	2375.9
Stddev	33.5	74.	19.4	2.40	37.9
%RSD	1.4479	.21440	.76117	1.6740	1.5936

#1	2293.4	34394.	2522.8	143.33	2353.9
#2	2289.3	34479.	2549.4	140.55	2354.2
#3	2349.2	34332.	2560.5	145.32	2419.6