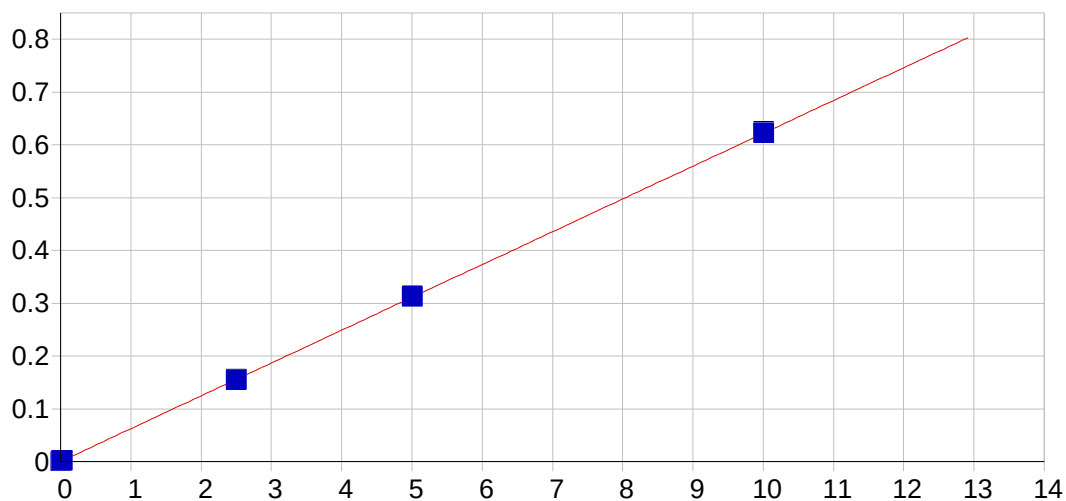




As 189.042 {478}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000158

Re-Slope: 1.000000

A1 (Gain): 0.062166

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999993

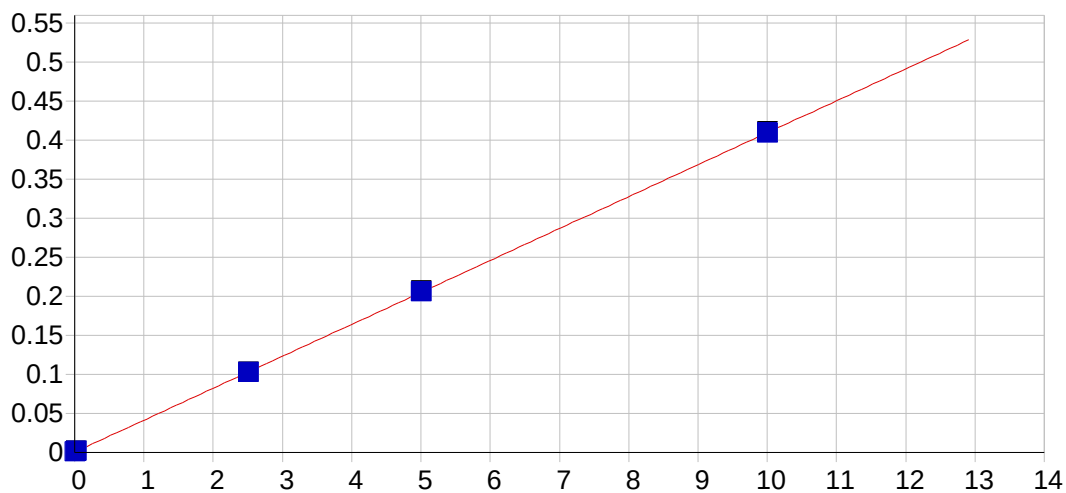
Status: OK.

Std Error of Est: 0.000006

Predicted MDL: 0.002801

Predicted MQL: 0.009337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.02000	.02168	.002	8.41	.00151	.000	1
S3	2.5000	2.4843	-.016	-.627	.15459	.000	1
S4	5.0000	5.0068	.007	.136	.31139	.001	1
S5	10.000	10.007	.007	.072	.62222	.002	1



As 189.042 {479}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

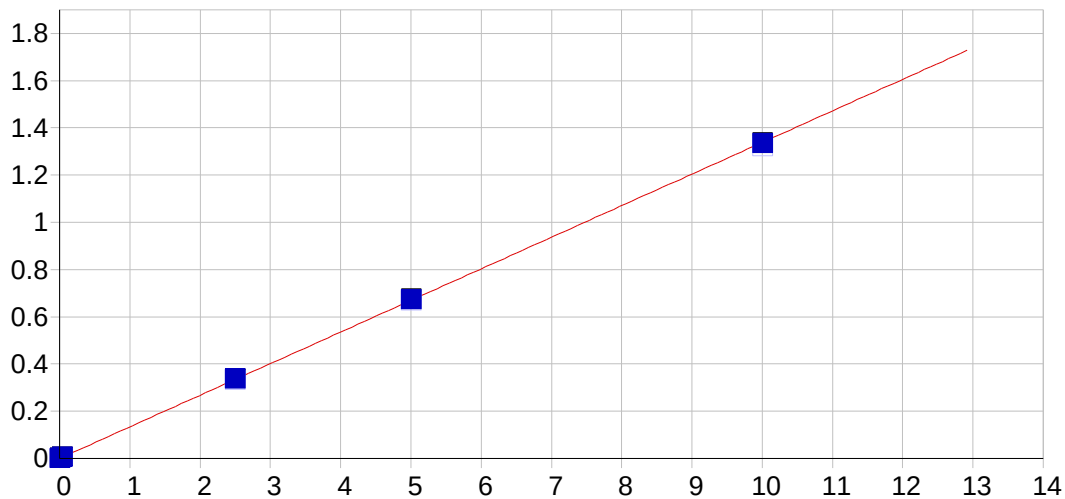
Weighting: 1/Conc

A0 (Offset): 0.000467

Re-Slope: 1.000000

A1 (Gain): 0.040912 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002688
 Predicted MQL: 0.008959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.02000	.02128	.001	6.42	.00134	.000	1
S3	2.5000	2.4898	-.010	-.410	.10233	.000	1
S4	5.0000	5.0239	.024	.478	.20601	.000	1
S5	10.000	9.9851	-.015	-.149	.40898	.002	1

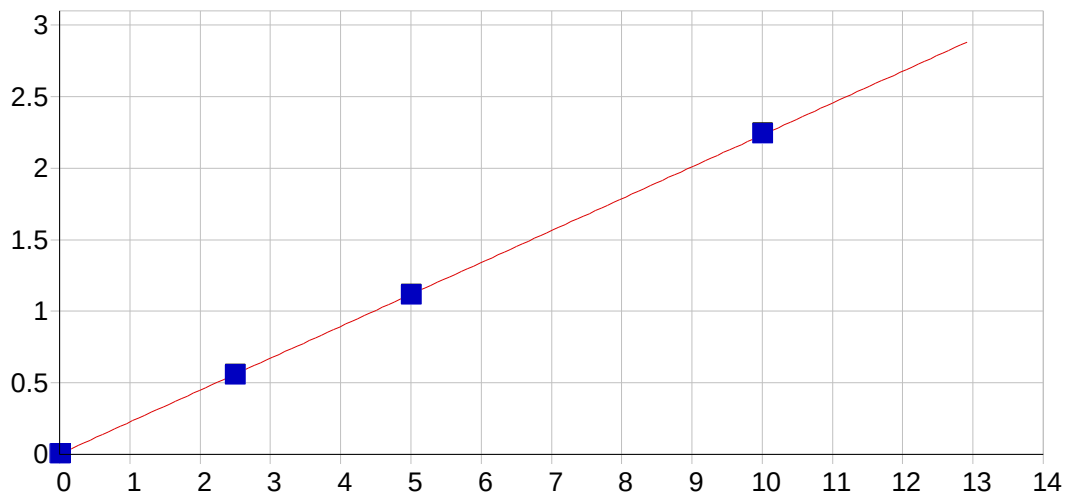


TI 190.856 {477}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.133799 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.001051
 Predicted MQL: 0.003504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.04000	.04154	.002	3.86	.00565	.000	1
S3	2.5000	2.5014	.001	.056	.33148	.001	1
S4	5.0000	5.0285	.028	.570	.66617	.001	1
S5	10.000	9.9686	-.031	-.314	1.3203	.002	1

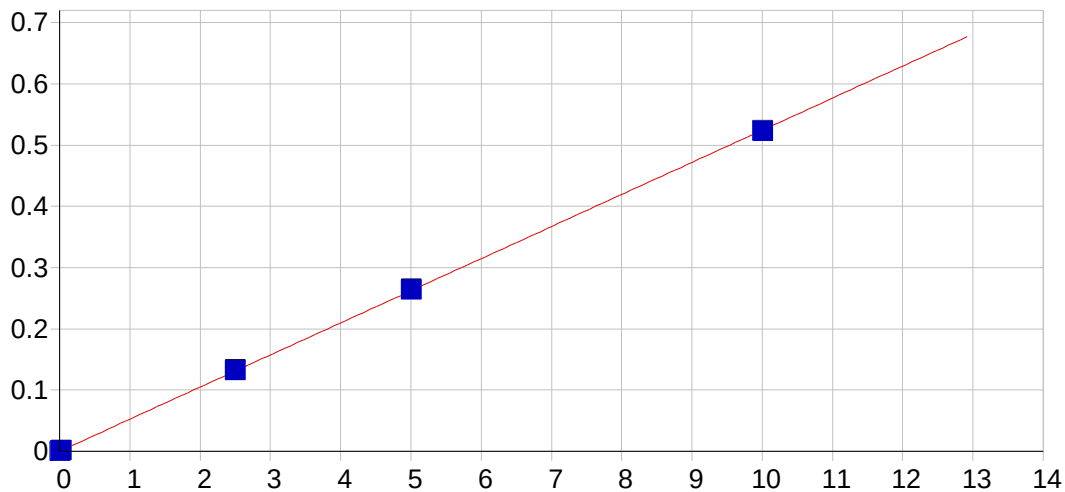


Pb 220.353 {453}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003219 Re-Slope: 1.000000
 A1 (Gain): 0.222939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.000993
 Predicted MQL: 0.003311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00322	.000	1
S1	.01200	.01242	.000	3.48	.00594	.000	1
S3	2.5000	2.4776	-.022	-.894	.55488	.002	1
S4	5.0000	4.9860	-.014	-.281	1.1134	.002	1
S5	10.000	10.036	.036	.360	2.2378	.003	1



Se 196.090 {472}

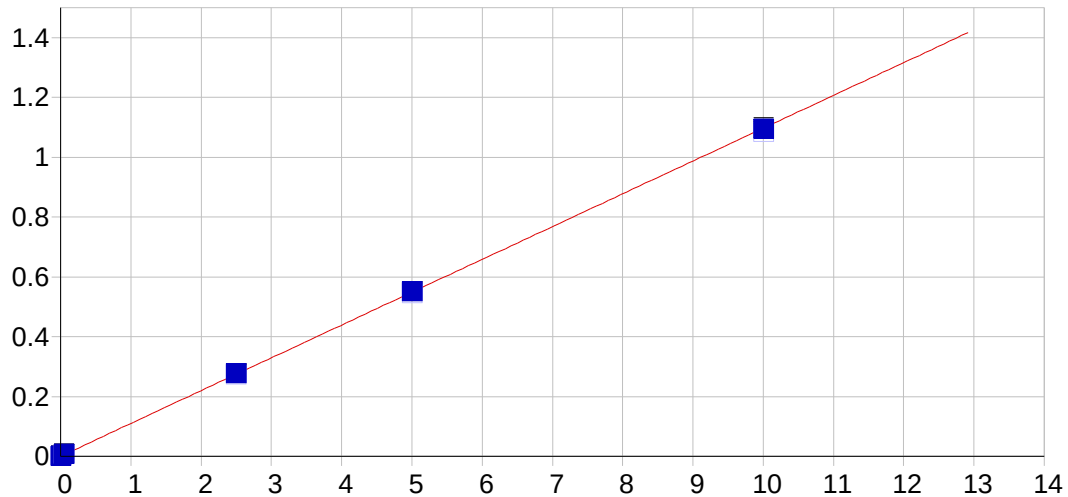
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.052418 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990
 Std Error of Est: 0.000006
 Predicted MDL: 0.003096
 Predicted MQL: 0.010321

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.02000	.01937	-.001	-3.13	.00106	.000	1
S3	2.5000	2.5091	.009	.364	.13150	.001	1
S4	5.0000	5.0275	.028	.551	.26345	.001	1
S5	10.000	9.9640	-.036	-.360	.52207	.002	1



Sb 206.833 {463}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

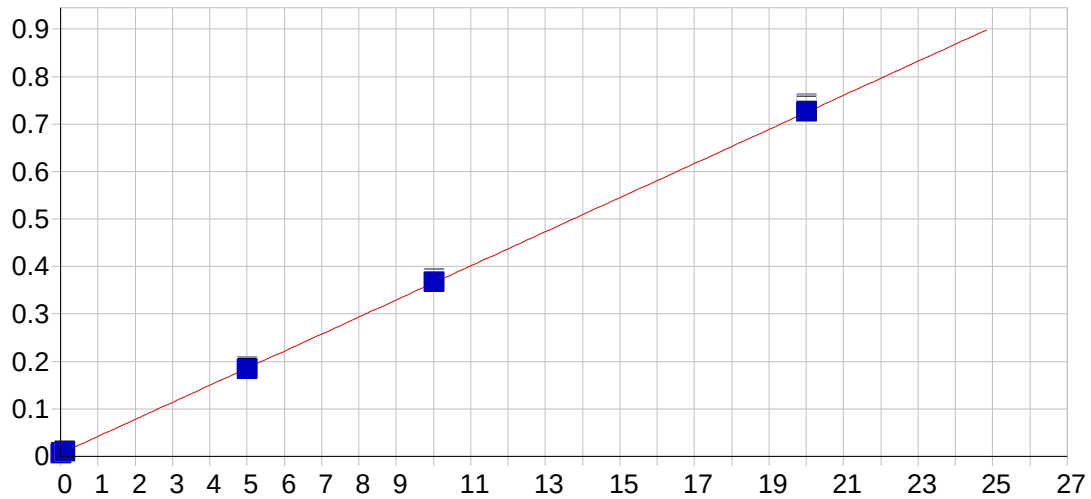
Weighting: 1/Conc

A0 (Offset): 0.000282
 A1 (Gain): 0.109671
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000022
 Predicted MDL: 0.001827
 Predicted MQL: 0.006089

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	.00028	.000	1
S1	.05000	.05418	.004	8.37	.00609	.000	1
S3	2.5000	2.5063	.006	.252	.27207	.001	1
S4	5.0000	5.0163	.016	.327	.54427	.000	1
S5	10.000	9.9732	-.027	-.268	1.0817	.003	1

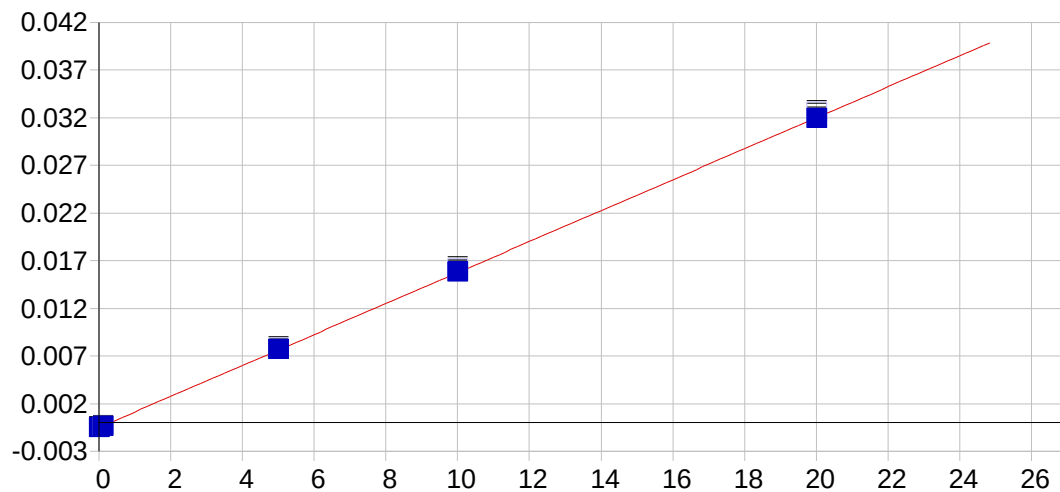


AI 308.215 {109}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006018 Re-Slope: 1.000000
 A1 (Gain): 0.035932 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003362
 Predicted MQL: 0.011208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00602	.000	1
S1	.10000	.10658	.007	6.58	.01010	.000	1
S3	5.0000	4.9467	-.053	-1.07	.18734	.001	1
S4	10.000	10.028	.028	.281	.37350	.000	1
S5	20.000	20.018	.018	.092	.73962	.002	1



AI 309.271 {109}

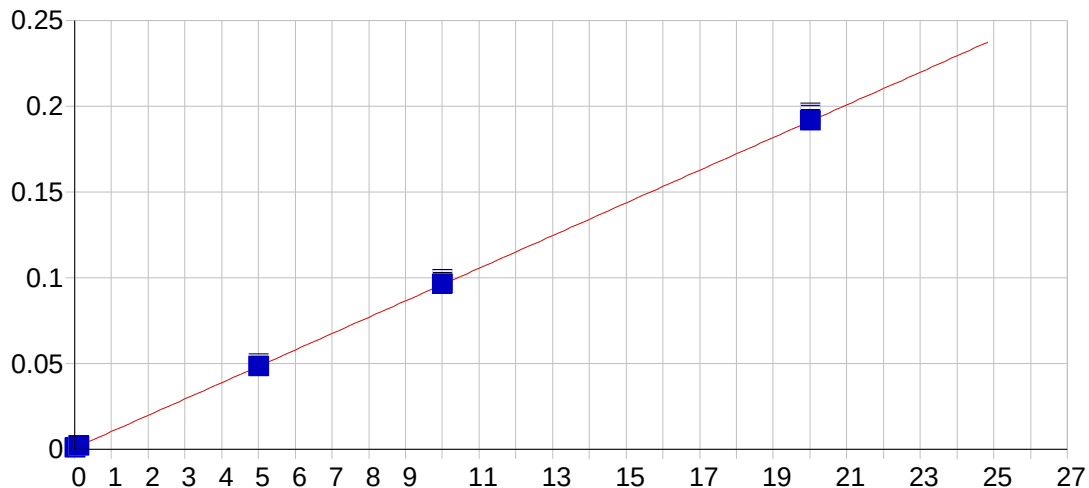
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000494 Re-Slope: 1.000000
 A1 (Gain): 0.001625 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000001
 Predicted MDL: 0.041068
 Predicted MQL: 0.136892

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00049	.000	1
S1	.10000	.08278	-.017	-17.2	-.00035	.000	1
S3	5.0000	5.0216	.022	.433	.00783	.000	1
S4	10.000	10.030	.030	.297	.01613	.000	1
S5	20.000	19.967	-.033	-.166	.03259	.000	1



Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

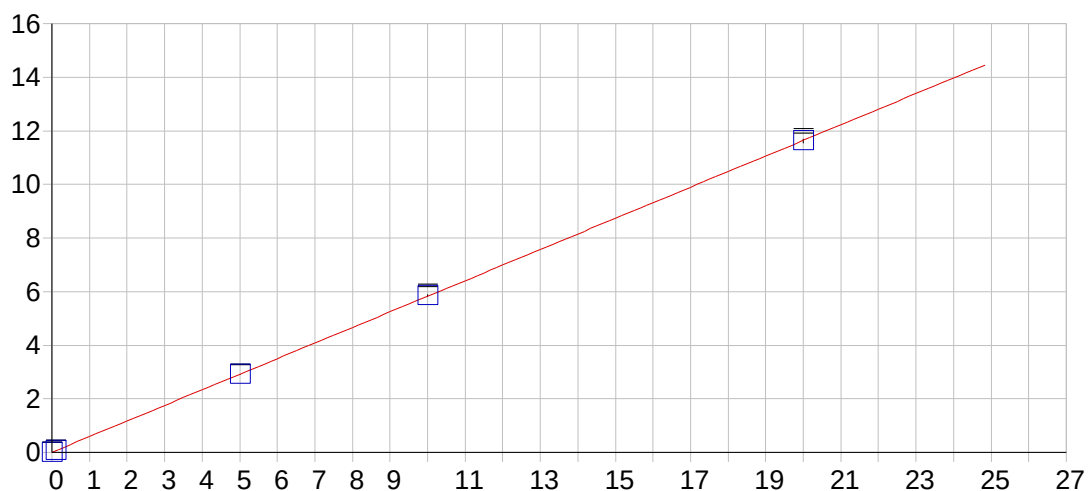
Weighting: 1/Conc

A0 (Offset): 0.000778
 A1 (Gain): 0.009526
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000004
 Predicted MDL: 0.013050
 Predicted MQL: 0.043500

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	.00078	.000	1
S1	.10000	.10945	.009	9.45	.00189	.000	1
S3	5.0000	4.9619	-.038	-.761	.04899	.000	1
S4	10.000	10.014	.014	.144	.09807	.001	1
S5	20.000	20.014	.014	.069	.19521	.001	1

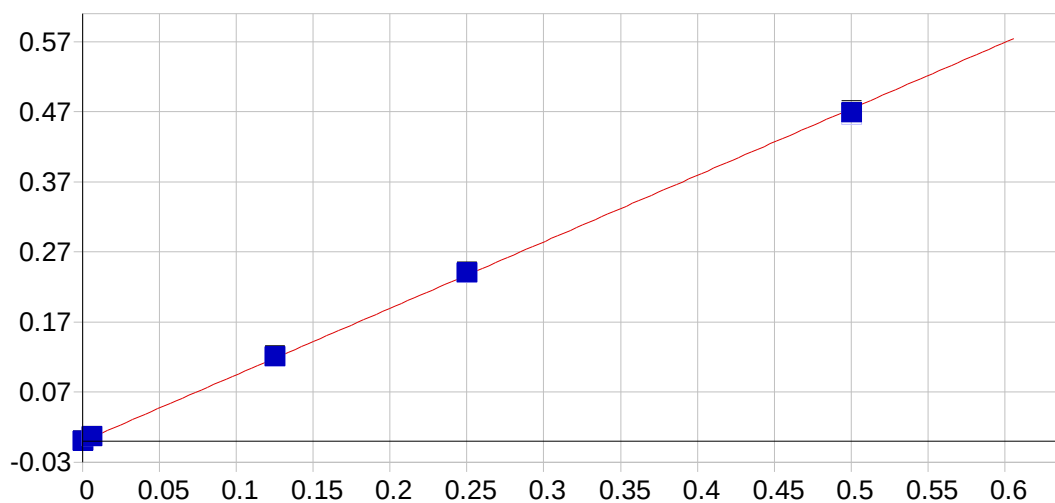


Ba 493.409 { 68}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007481 Re-Slope: 1.000000
 A1 (Gain): 0.581777 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000259
 Predicted MDL: 0.000794
 Predicted MQL: 0.002647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00748	.000	1
S1	.10000	.10864	.009	8.64	.07068	.000	1
S3	5.0000	4.9810	-.019	-.380	2.9053	.009	1
S5	20.000	19.958	-.042	-.212	11.618	.080	1
S4	10.000	10.053	.053	.528	5.8560	.043	1



Be 234.861 {144}

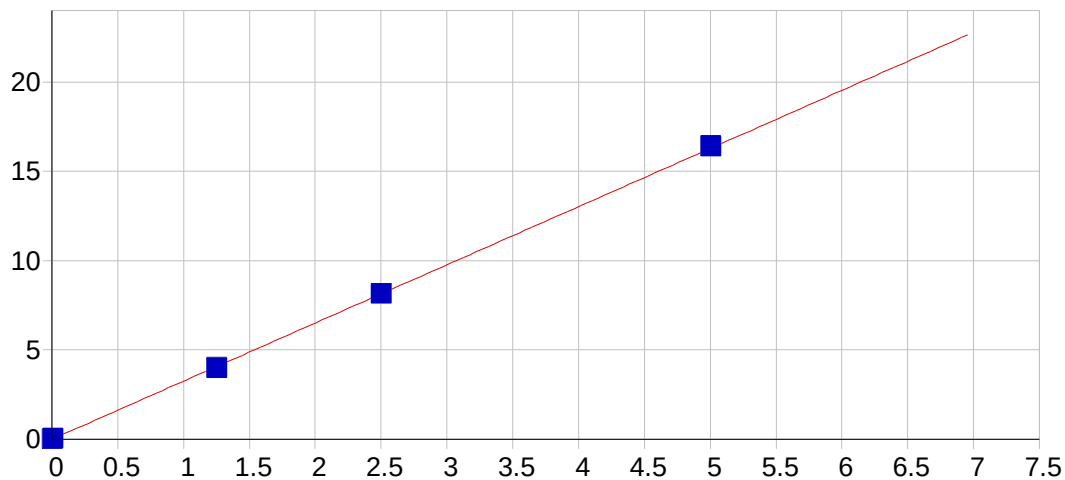
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.948587 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000046
 Predicted MDL: 0.000076
 Predicted MQL: 0.000253

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.00600	.00660	.001	10.1	.00616	.000	1
S3	.12500	.12734	.002	1.88	.12001	.001	1
S4	.25000	.25350	.003	1.40	.23893	.001	1
S5	.50000	.49355	-.006	-1.29	.46515	.003	1



Cd 226.502 {449}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

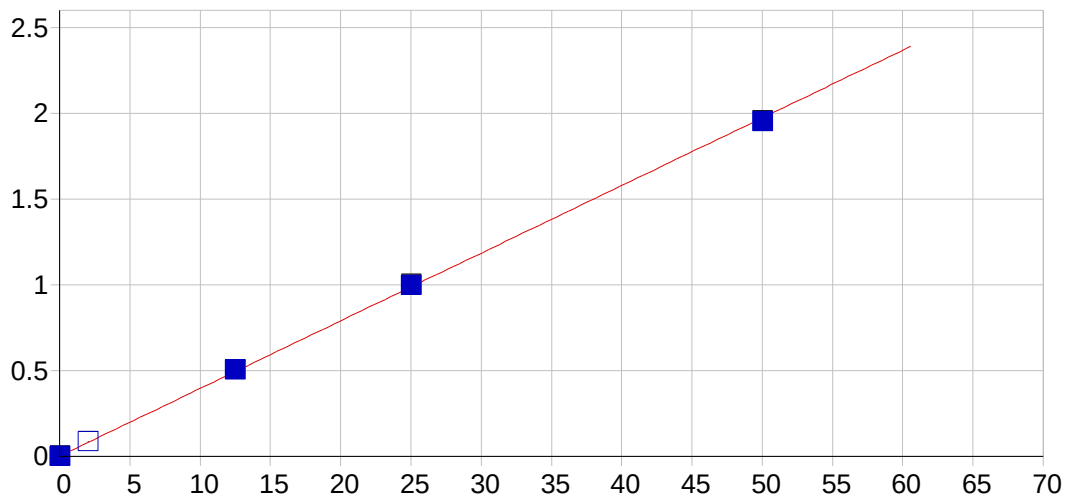
Weighting: 1/Conc

A0 (Offset): 0.001289
 A1 (Gain): 3.255129
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000272
 Predicted MDL: 0.000077
 Predicted MQL: 0.000258

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	.00129	.000	1
S1	.00600	.00618	.000	3.00	.02144	.000	1
S3	1.2500	1.2256	-.024	-1.95	3.9917	.007	1
S4	2.5000	2.4930	-.007	-.282	8.1180	.014	1
S5	5.0000	5.0313	.031	.625	16.382	.021	1

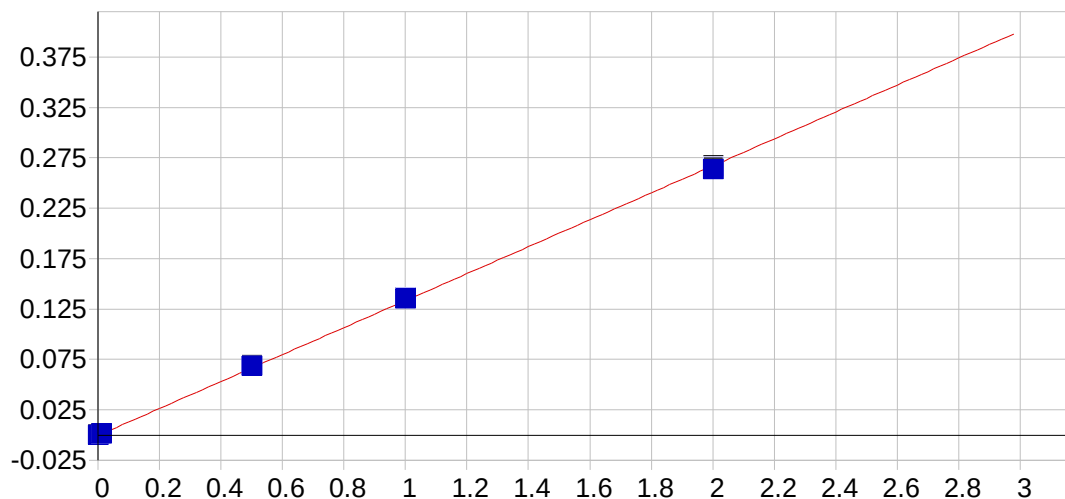


Ca 373.690 { 90}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001608 Re-Slope: 1.000000
 A1 (Gain): 0.039425 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000364
 Predicted MDL: 0.017364
 Predicted MQL: 0.057881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1641	.164	8.21	.08693	.001	1
S0	.00000	-.00019	-.000	.000	.00160	.001	1
S3	12.500	12.693	.193	1.55	.50230	.001	1
S4	25.000	25.232	.232	.927	.99688	.005	1
S5	50.000	49.411	-.589	-1.18	1.9507	.004	1



Cr 267.716 {126}

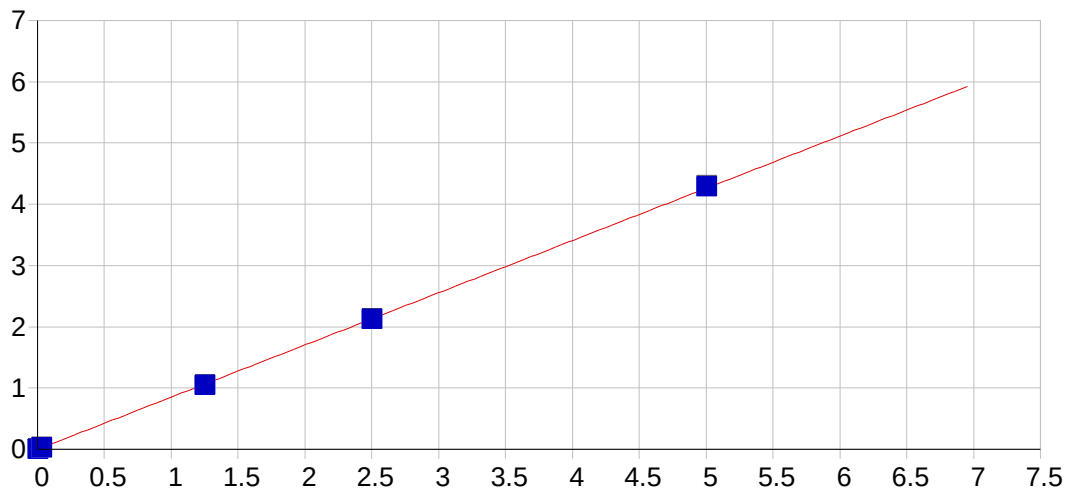
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000388 Re-Slope: 1.000000
 A1 (Gain): 0.133712 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.000016
 Predicted MDL: 0.000670
 Predicted MQL: 0.002232

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.01000	.01067	.001	6.66	.00105	.000	1
S3	.50000	.51211	.012	2.42	.06861	.000	1
S4	1.0000	1.0144	.014	1.44	.13630	.000	1
S5	2.0000	1.9729	-.027	-1.36	.26551	.001	1



Co 228.616 {447}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

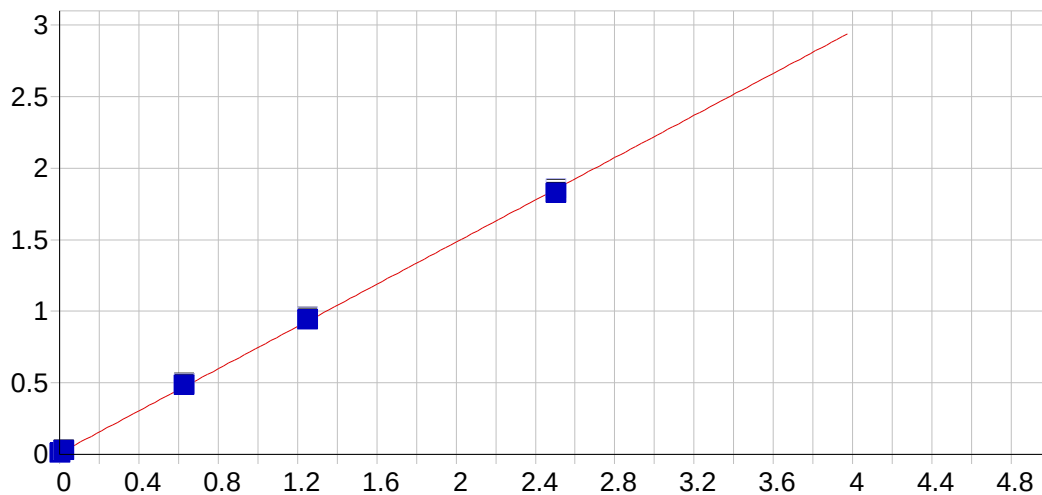
Weighting: 1/Conc

A0 (Offset): 0.000108
 A1 (Gain): 0.852050
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962
 Std Error of Est: 0.000156
 Predicted MDL: 0.000246
 Predicted MQL: 0.000819

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	.00011	.000	1
S1	.03000	.03029	.000	.982	.02575	.000	1
S3	1.2500	1.2275	-.022	-1.80	1.0469	.003	1
S4	2.5000	2.4892	-.011	-.432	2.1227	.004	1
S5	5.0000	5.0330	.033	.659	4.2918	.009	1

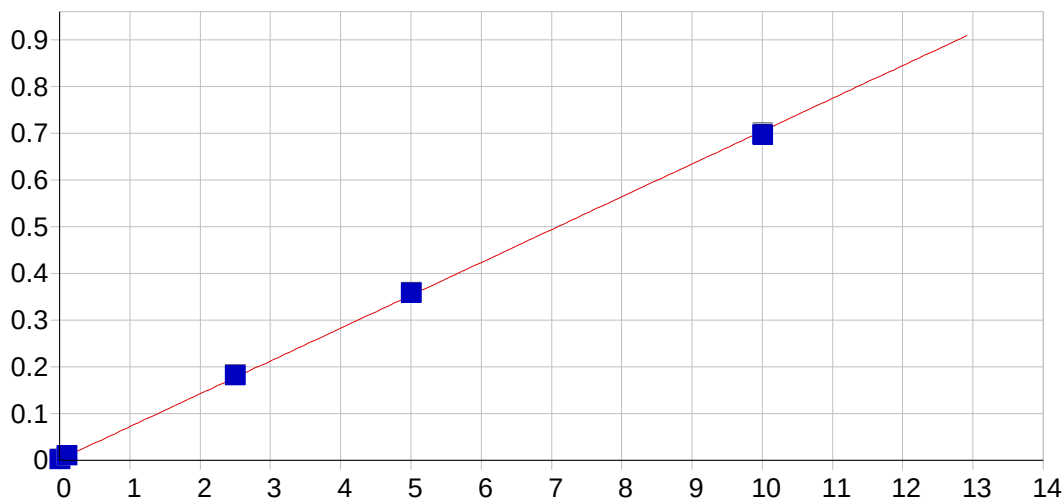


Cu 224.700 {450}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008908 Re-Slope: 1.000000
 A1 (Gain): 0.737438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.000393
 Predicted MQL: 0.001311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00891	.000	1
S1	.02000	.02267	.003	13.3	.02585	.000	1
S3	.62500	.64581	.021	3.33	.49261	.002	1
S4	1.2500	1.2635	.014	1.08	.95558	.001	1
S5	2.5000	2.4630	-.037	-1.48	1.8550	.004	1



Fe 240.488 {140}

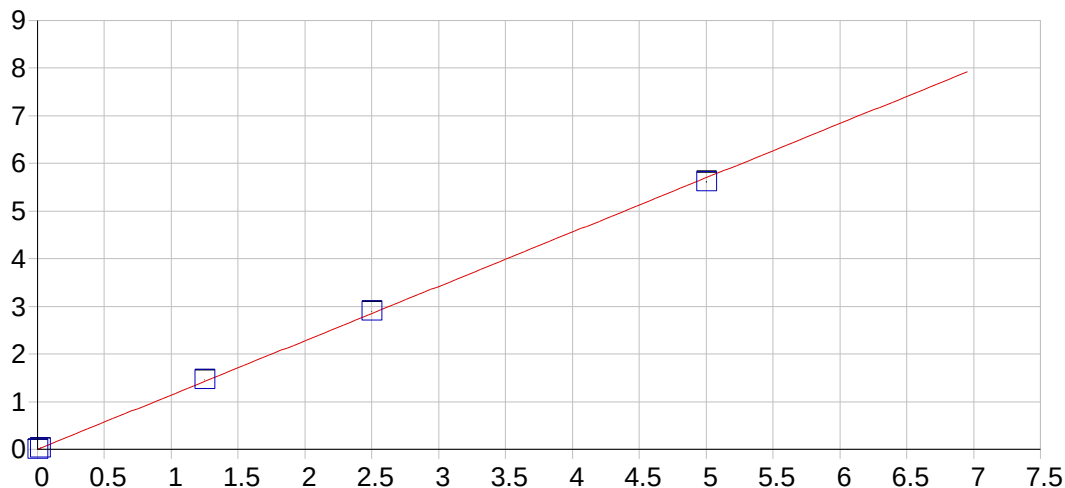
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001767 Re-Slope: 1.000000
 A1 (Gain): 0.070250 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000059
 Predicted MDL: 0.001007
 Predicted MQL: 0.003357

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00177	.000	1
S1	.10000	.10915	.009	9.15	.00947	.000	1
S3	2.5000	2.5578	.058	2.31	.18211	.000	1
S4	5.0000	5.0537	.054	1.07	.35810	.001	1
S5	10.000	9.8794	-.121	-1.21	.69841	.001	1



Mn 257.610 {131}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

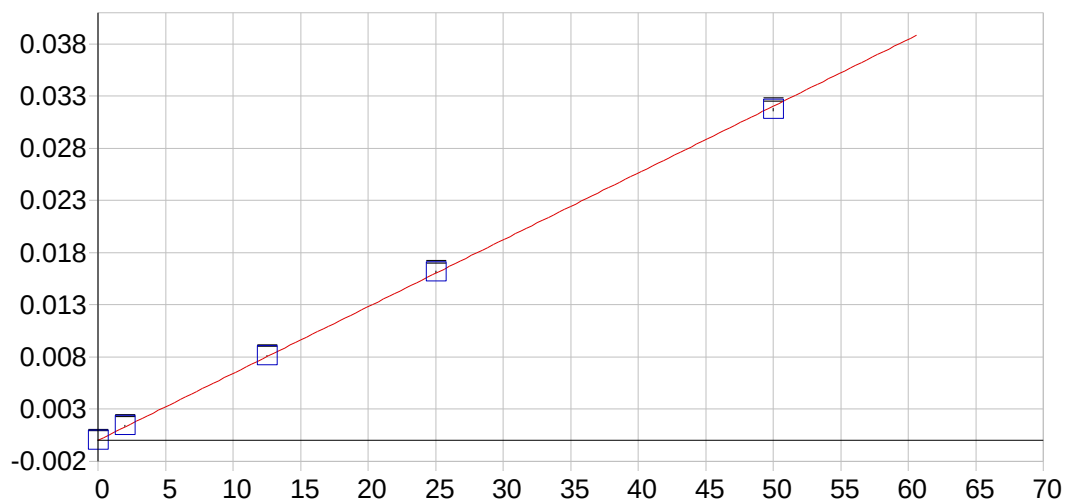
Weighting: 1/Conc

A0 (Offset): 0.002274
 A1 (Gain): 1.139275
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838
 Std Error of Est: 0.000350
 Predicted MDL: 0.000078
 Predicted MQL: 0.000261

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	.00227	.000	1
S1	.02000	.02283	.003	14.2	.02829	.000	1
S3	1.2500	1.2786	.029	2.29	1.4589	.002	1
S4	2.5000	2.5420	.042	1.68	2.8983	.004	1
S5	5.0000	4.9266	-.073	-1.47	5.6150	.019	1

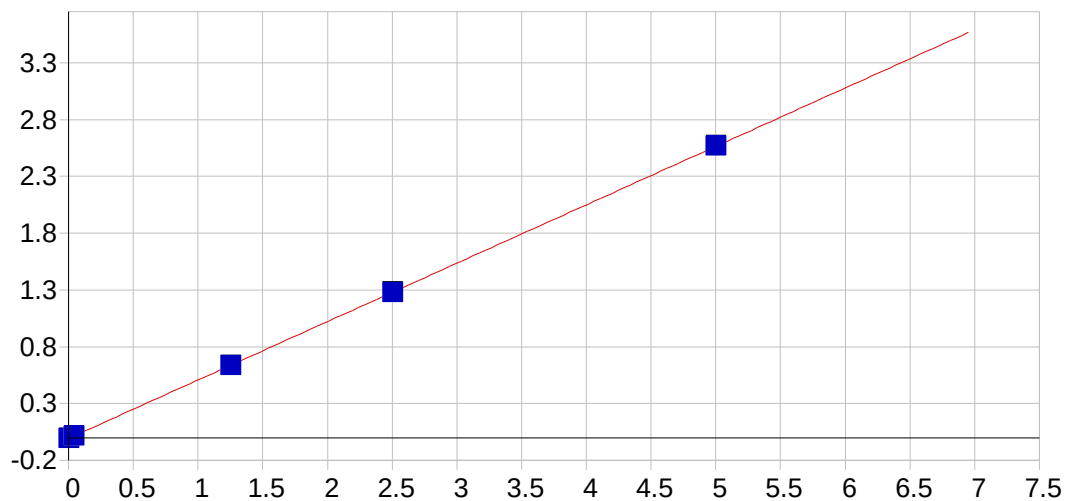


Mg 279.079 {121}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.000640 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.055747
 Predicted MQL: 0.185822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1620	.162	8.10	.00141	.000	1
S0	.00000	-.00018	-.000	.000	.00002	.000	1
S3	12.500	12.625	.125	.997	.00811	.000	1
S4	25.000	25.203	.203	.810	.01616	.000	1
S5	50.000	49.511	-.489	-.978	.03173	.000	1



Ni 231.604 {445}

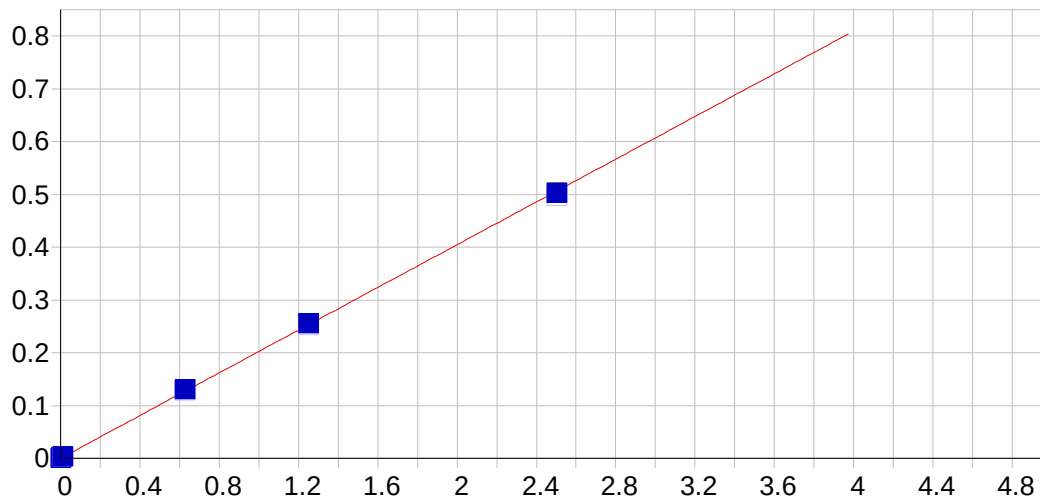
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007277 Re-Slope: 1.000000
 A1 (Gain): 0.514223 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000040
 Predicted MDL: 0.000444
 Predicted MQL: 0.001479

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00728	.000	1
S1	.04000	.04147	.001	3.67	.01406	.000	1
S3	1.2500	1.2440	-.006	-.481	.63311	.002	1
S4	2.5000	2.4986	-.001	-.058	1.2789	.004	1
S5	5.0000	5.0060	.006	.120	2.5697	.002	1



Ag 328.068 {103}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

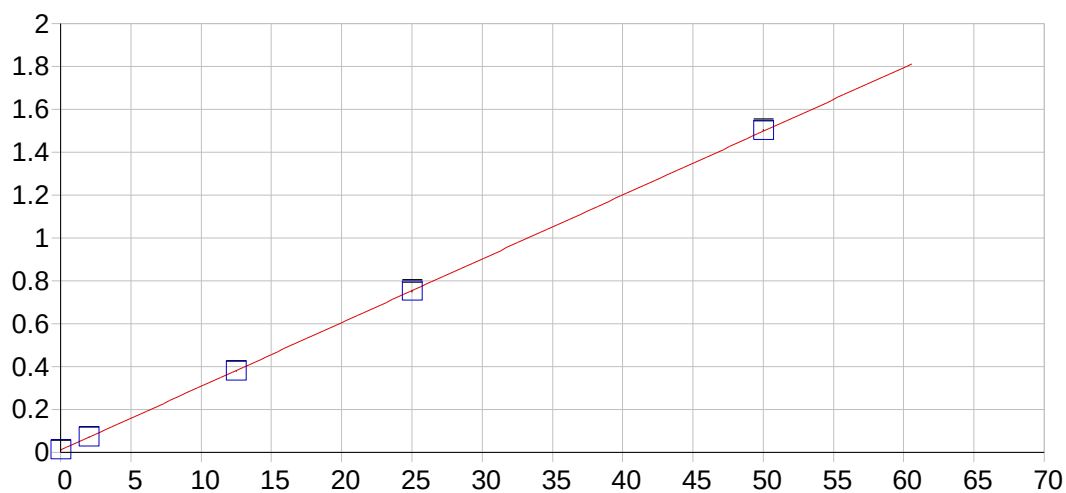
Weighting: 1/Conc

A0 (Offset): 0.000070
 A1 (Gain): 0.202343
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000021
 Predicted MDL: 0.000757
 Predicted MQL: 0.002525

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	.00007	.000	1
S1	.01000	.01110	.001	11.0	.00227	.000	1
S3	.62500	.63829	.013	2.13	.12779	.000	1
S4	1.2500	1.2568	.007	.541	.25150	.001	1
S5	2.5000	2.4789	-.021	-.846	.49591	.001	1

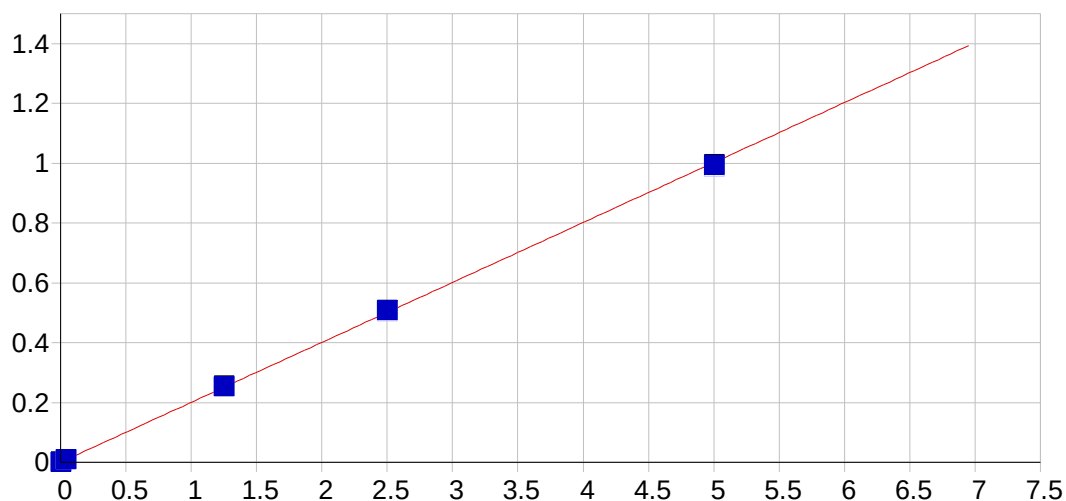


Na 589.592 { 57}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010594 Re-Slope: 1.000000
 A1 (Gain): 0.029738 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.010513
 Predicted MQL: 0.035044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0653	.065	3.27	.07201	.001	1
S0	.00000	-.00004	-.000	.000	.01059	.001	1
S3	12.500	12.372	-.128	-1.02	.37852	.001	1
S4	25.000	24.911	-.089	-.354	.75141	.006	1
S5	50.000	50.151	.151	.302	1.5020	.004	1



V 292.402 {115}

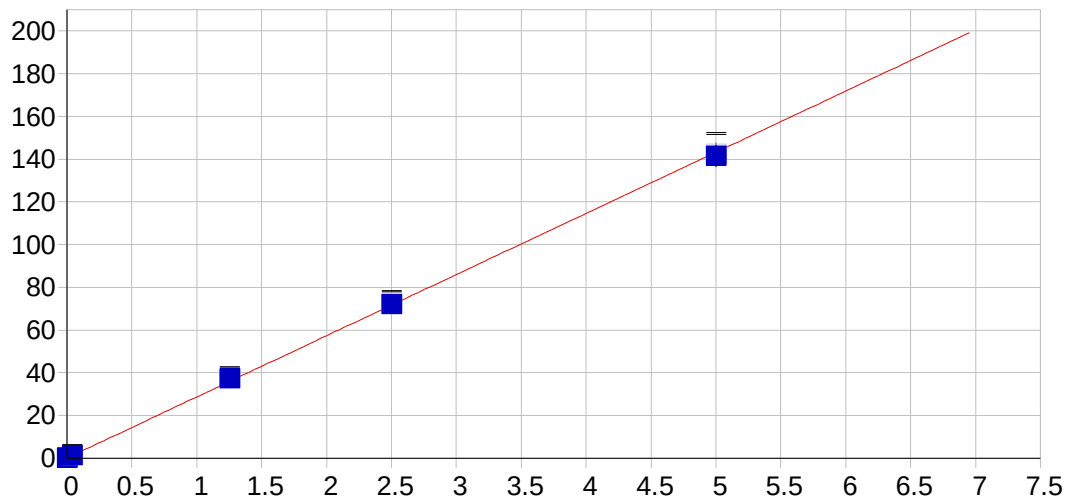
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000079 Re-Slope: 1.000000
 A1 (Gain): 0.200424 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000051
 Predicted MDL: 0.000558
 Predicted MQL: 0.001860

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.04000	.04285	.003	7.11	.00854	.000	1
S3	1.2500	1.2634	.013	1.07	.25166	.001	1
S4	2.5000	2.5256	.026	1.02	.50300	.000	1
S5	5.0000	4.9582	-.042	-.837	.98726	.001	1



Zn 206.200 {163}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

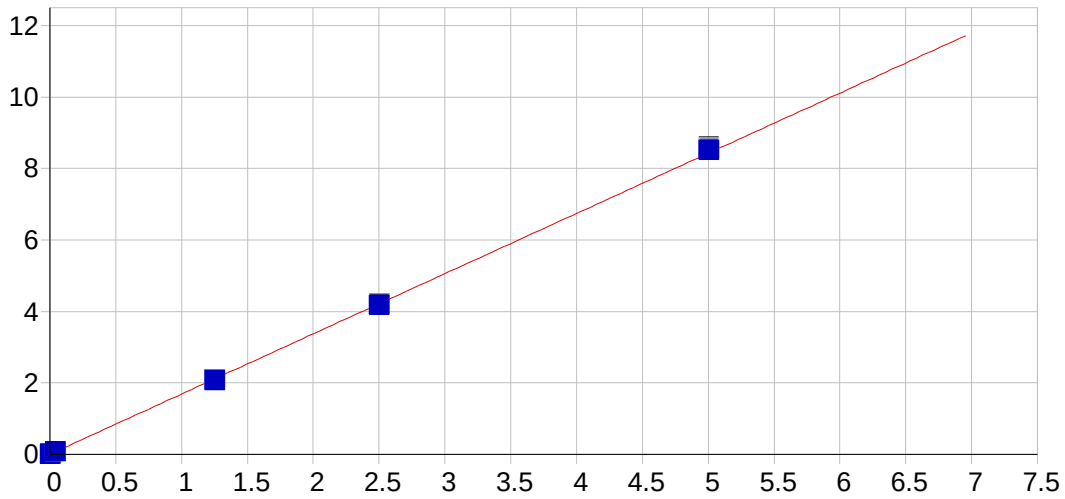
Weighting: 1/Conc

A0 (Offset): 0.096083
 A1 (Gain): 28.636192
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.012445
 Predicted MDL: 0.000584
 Predicted MQL: 0.001947

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	.09596	.003	1
S1	.04000	.04302	.003	7.54	1.3354	.023	1
S3	1.2500	1.2971	.047	3.77	37.456	.613	1
S4	2.5000	2.5121	.012	.485	72.467	1.17	1
S5	5.0000	4.9378	-.062	-1.24	142.36	5.18	1

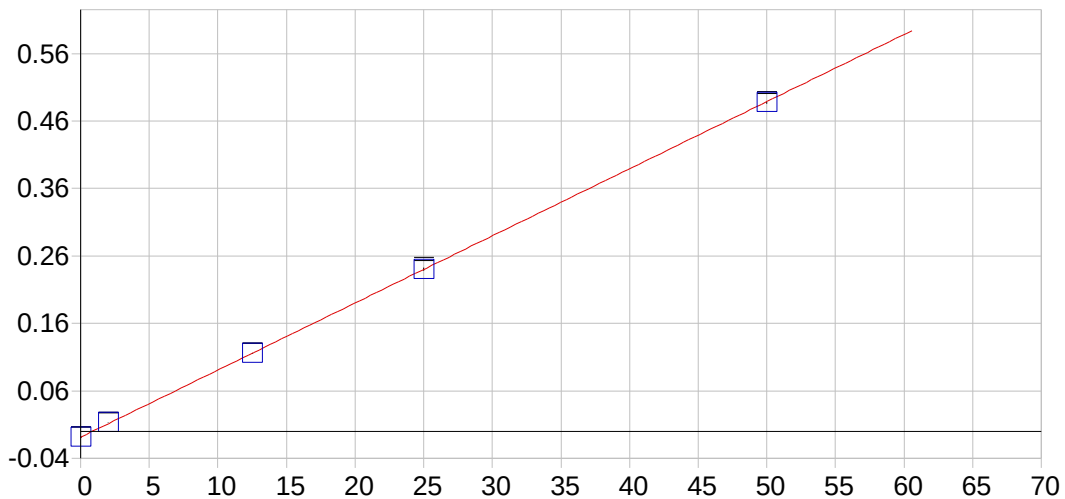


Zn 213.856 {458}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004145 Re-Slope: 1.000000
 A1 (Gain): 1.684367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000496
 Predicted MDL: 0.000105
 Predicted MQL: 0.000351

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00415	.000	1
S1	.04000	.03941	-.001	-1.48	.07099	.000	1
S3	1.2500	1.2229	-.027	-2.17	2.0775	.005	1
S4	2.5000	2.4775	-.023	-.900	4.2040	.004	1
S5	5.0000	5.0502	.050	1.00	8.5642	.024	1



K 766.490 {44}

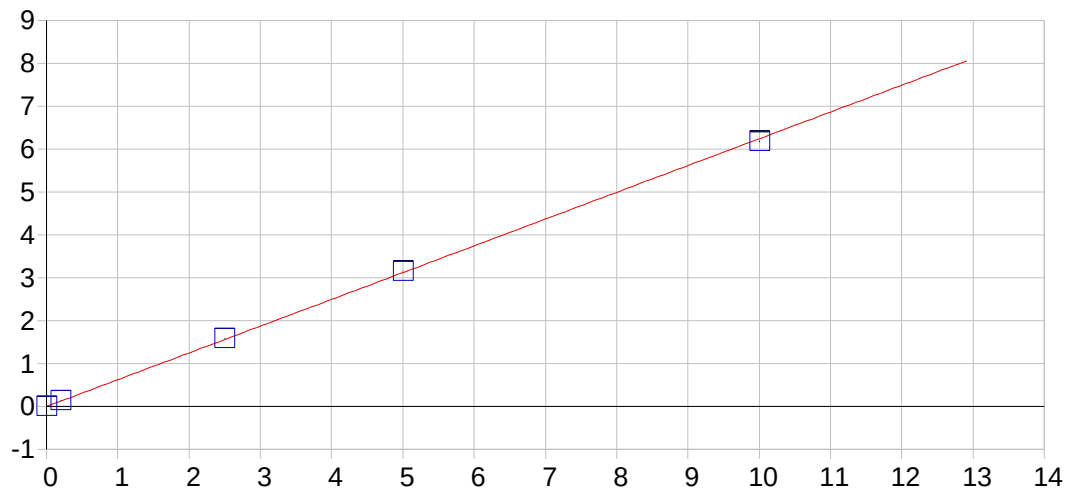
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008691 Re-Slope: 1.000000
 A1 (Gain): 0.009948 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000062
 Predicted MDL: 0.037864
 Predicted MQL: 0.126212

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1478	.148	7.39	.01267	.000	1
S0	.00000	-.00014	-.000	.000	-.00869	.000	1
S3	12.500	12.471	-.029	-.236	.11536	.000	1
S4	25.000	25.030	.030	.122	.24030	.002	1
S5	50.000	49.851	-.149	-.298	.48721	.001	1



Mo 202.030 {467}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

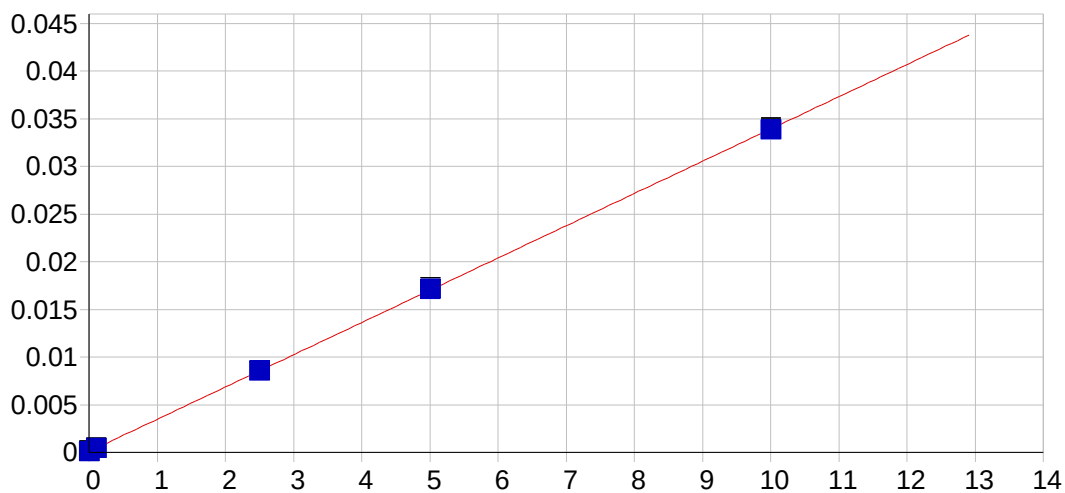
Weighting: 1/Conc

A0 (Offset): -0.000300
 A1 (Gain): 0.624208
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000612
 Predicted MDL: 0.000291
 Predicted MQL: 0.000971

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00031	.000	1
S1	.20000	.21412	.014	7.06	.13335	.000	1
S3	2.5000	2.5318	.032	1.27	1.5800	.002	1
S4	5.0000	5.0517	.052	1.03	3.1530	.004	1
S5	10.000	9.9025	-.098	-.975	6.1809	.020	1

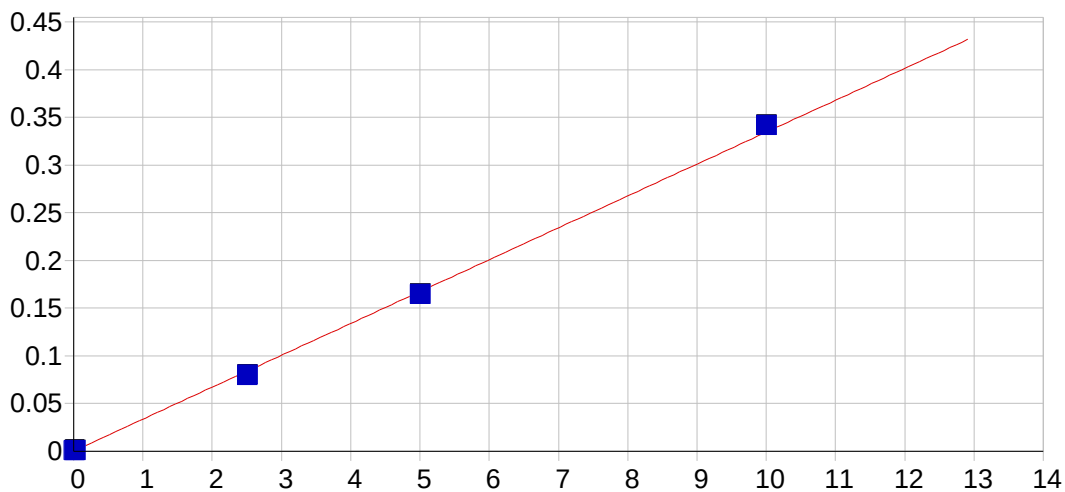


B 249.678 {135}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000088 Re-Slope: 1.000000
 A1 (Gain): 0.003384 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.010007
 Predicted MQL: 0.033356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.10000	.09857	-.001	-1.43	.00042	.000	1
S3	2.5000	2.4909	-.009	-.363	.00850	.000	1
S4	5.0000	5.0307	.031	.613	.01707	.000	1
S5	10.000	9.9798	-.020	-.202	.03378	.000	1



S 182.034 {485}

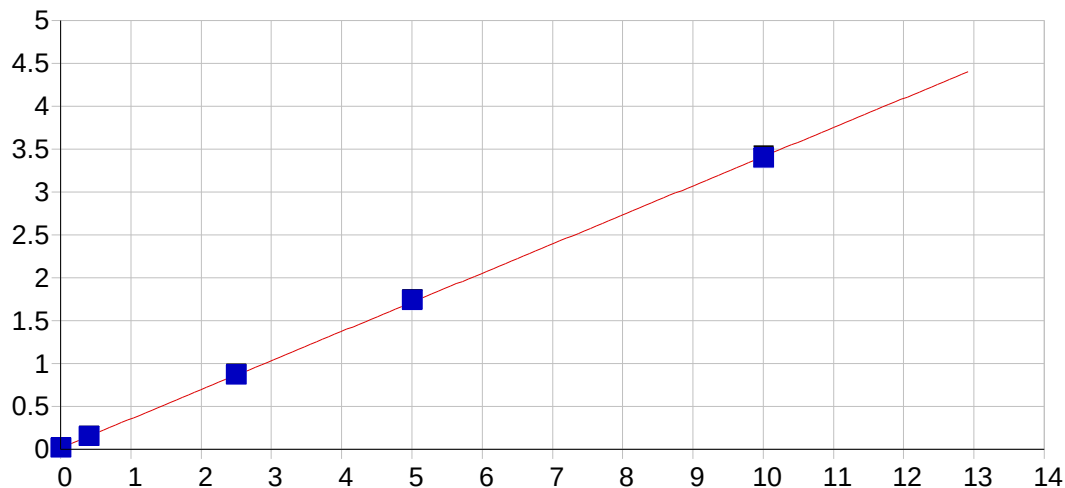
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000365 Re-Slope: 1.000000
 A1 (Gain): 0.033426 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999629
 Std Error of Est: 0.000022
 Predicted MDL: 0.003272
 Predicted MQL: 0.010905

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.02000	.01889	-.001	-5.53	.00098	.000	1
S3	2.5000	2.3709	-.129	-5.17	.07952	.000	1
S4	5.0000	4.9130	-.087	-1.74	.16440	.000	1
S5	10.000	10.217	.217	2.17	.34151	.000	1



Si 288.158 {117}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

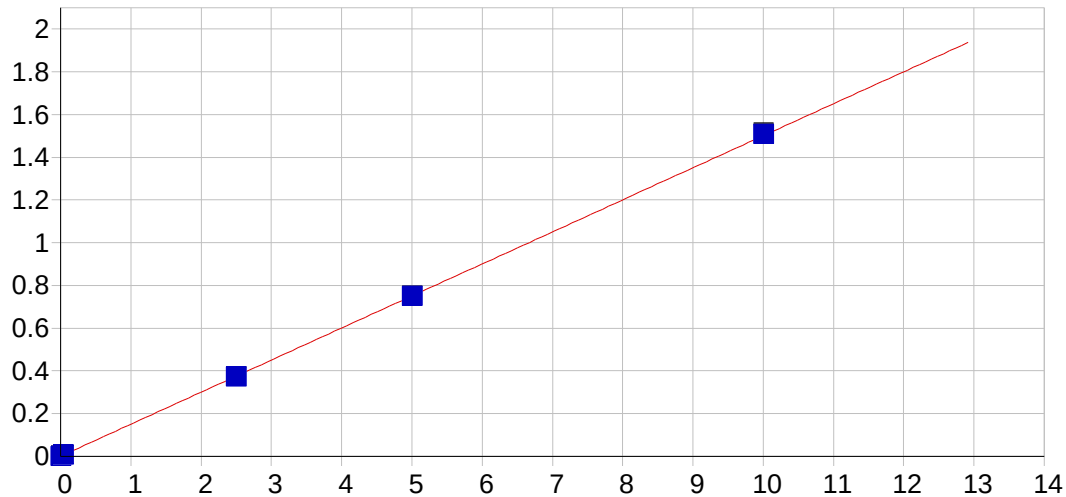
Weighting: 1/Conc

A0 (Offset): 0.015737
 A1 (Gain): 0.339697
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000380
 Predicted MDL: 0.002637
 Predicted MQL: 0.008789

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	.01574	.001	1
S1	.40000	.38333	-.017	-4.17	.14584	.001	1
S3	2.5000	2.5100	.010	.400	.86792	.004	1
S4	5.0000	5.0639	.064	1.28	1.7350	.005	1
S5	10.000	9.9428	-.057	-5.72	3.3915	.022	1

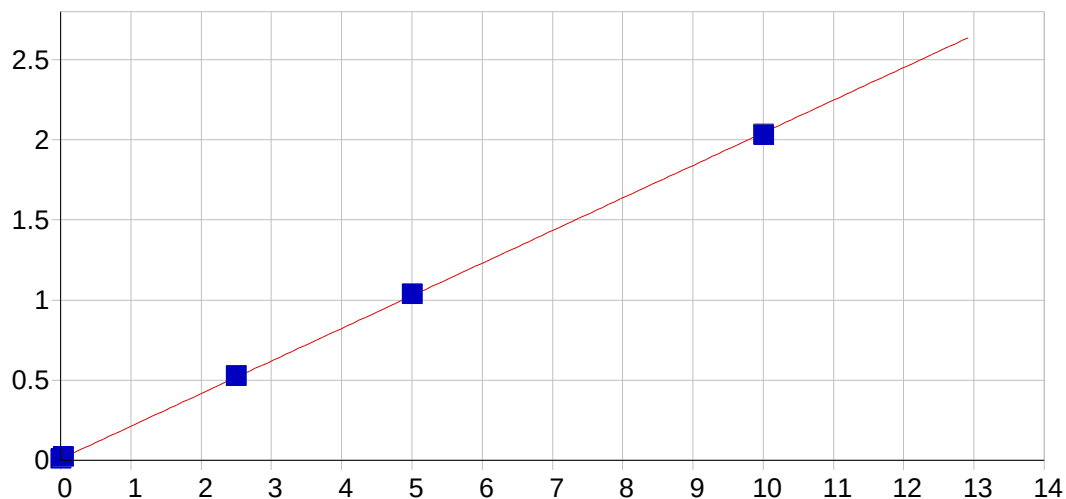


Sn 189.989 {477}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000905 Re-Slope: 1.000000
 A1 (Gain): 0.149983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.000746
 Predicted MQL: 0.002487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00091	.000	1
S1	.04000	.03821	-.002	-4.49	.00663	.000	1
S3	2.5000	2.4674	-.033	-1.30	.37104	.001	1
S4	5.0000	4.9867	-.013	-.267	.74895	.000	1
S5	10.000	10.048	.048	.477	1.5082	.003	1



Ti 336.121 {100}

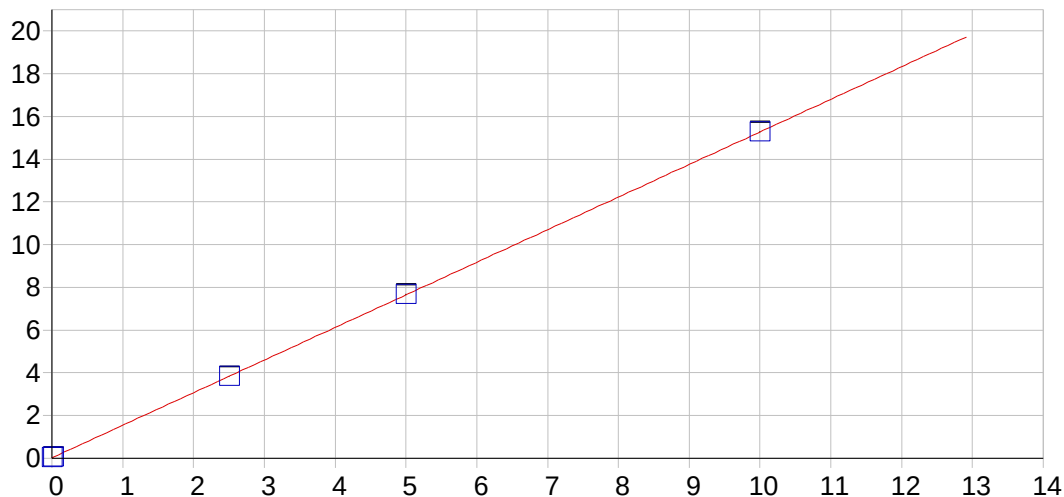
Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009285 Re-Slope: 1.000000
 A1 (Gain): 0.203482 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000069
 Predicted MDL: 0.002305
 Predicted MQL: 0.007682

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00928	.000	1
S1	.04000	.04342	.003	8.56	.01812	.000	1
S3	2.5000	2.5329	.033	1.31	.52461	.001	1
S4	5.0000	5.0432	.043	.864	1.0353	.001	1
S5	10.000	9.9205	-.079	-.795	2.0277	.005	1



Li 670.784 { 50}

Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

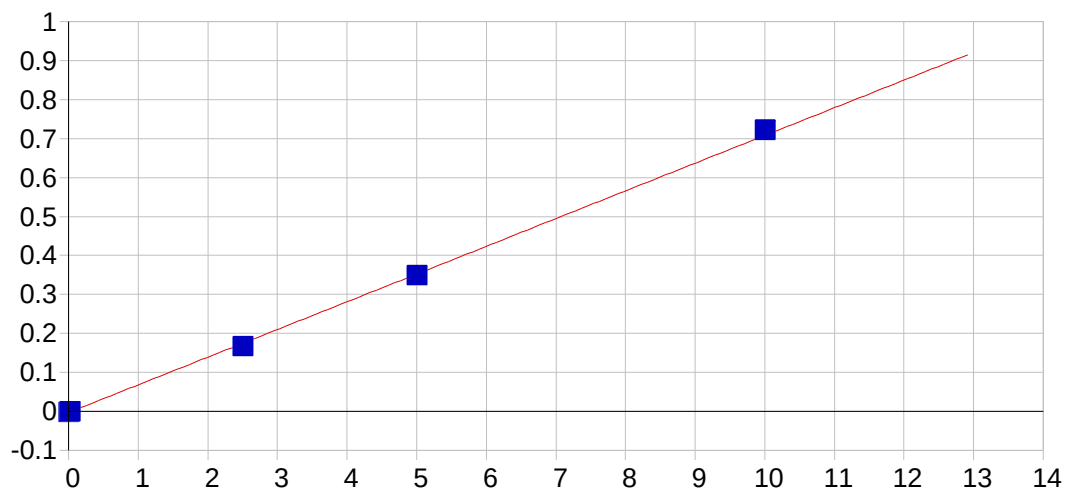
Weighting: 1/Conc

A0 (Offset): 0.021080
 A1 (Gain): 1.525785
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000191
 Predicted MDL: 0.001620
 Predicted MQL: 0.005402

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	.02108	.002	1
S1	.02000	.01707	-.003	-14.7	.04712	.003	1
S3	2.5000	2.4926	-.007	-.295	3.8243	.013	1
S4	5.0000	5.0095	.009	.190	7.6645	.023	1
S5	10.000	10.001	.001	.008	15.280	.036	1

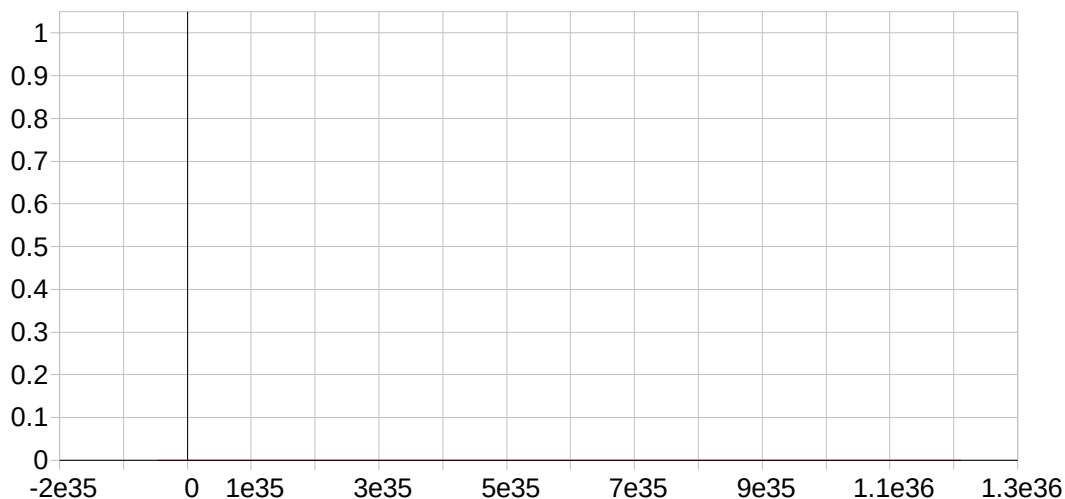


P 177.495 {490}

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003094 Re-Slope: 1.000000
 A1 (Gain): 0.071098 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.001675
 Predicted MQL: 0.005583

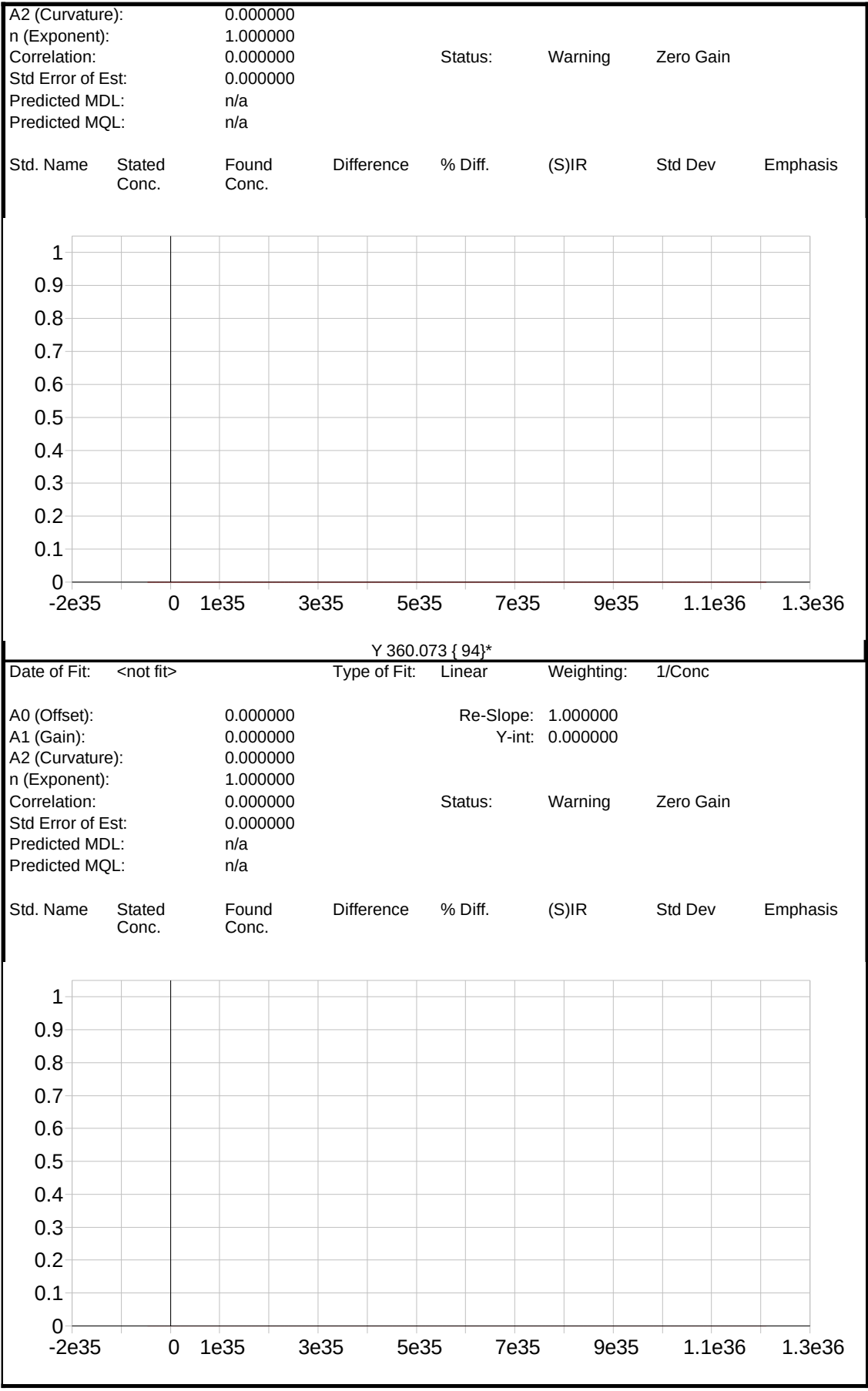
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00309	.000	1
S1	.02000	.01850	-.001	-7.48	-.00178	.000	1
S3	2.5000	2.3869	-.113	-4.52	.16635	.000	1
S4	5.0000	4.9364	-.064	-1.27	.34736	.001	1
S5	10.000	10.178	.178	1.78	.71952	.001	1

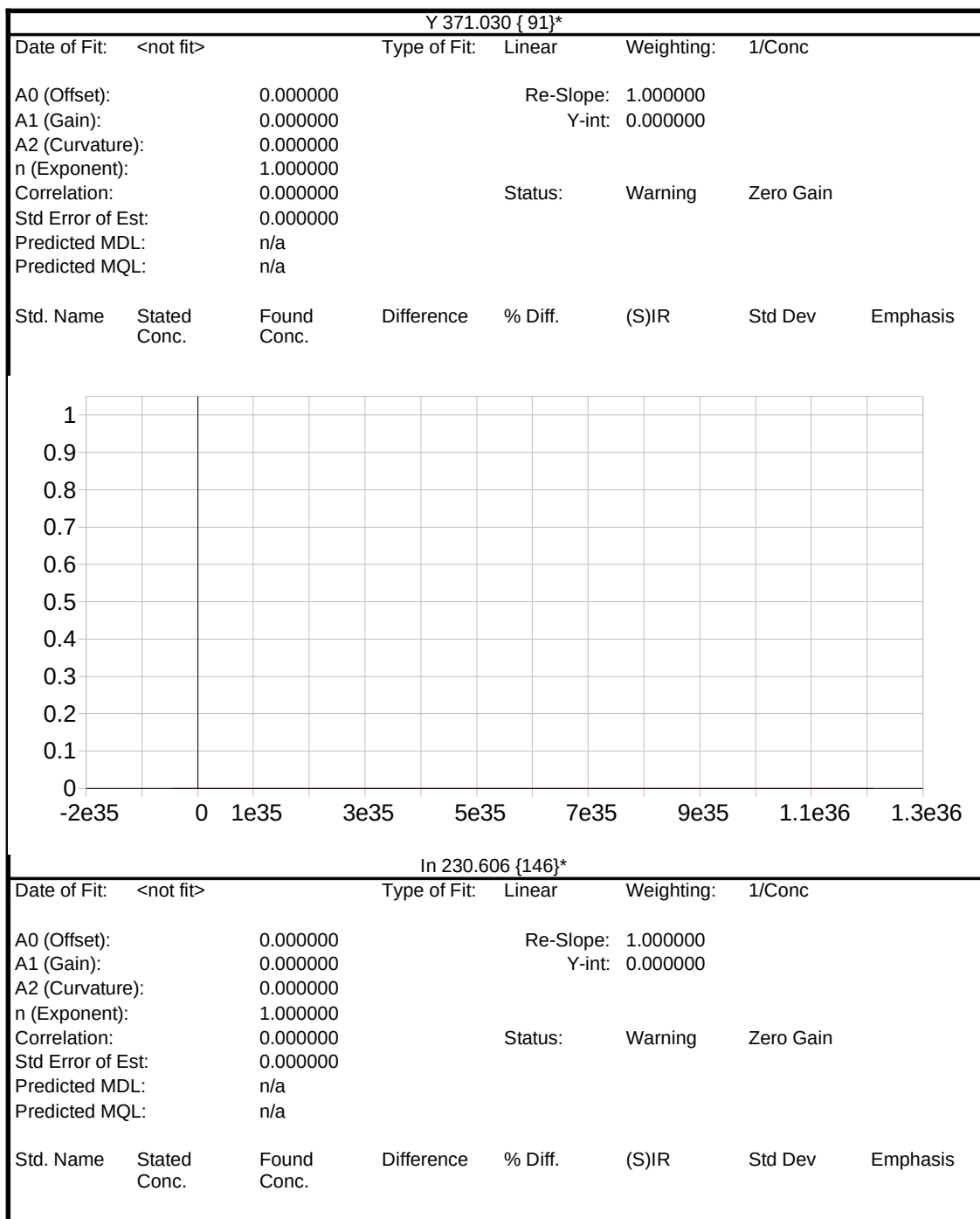


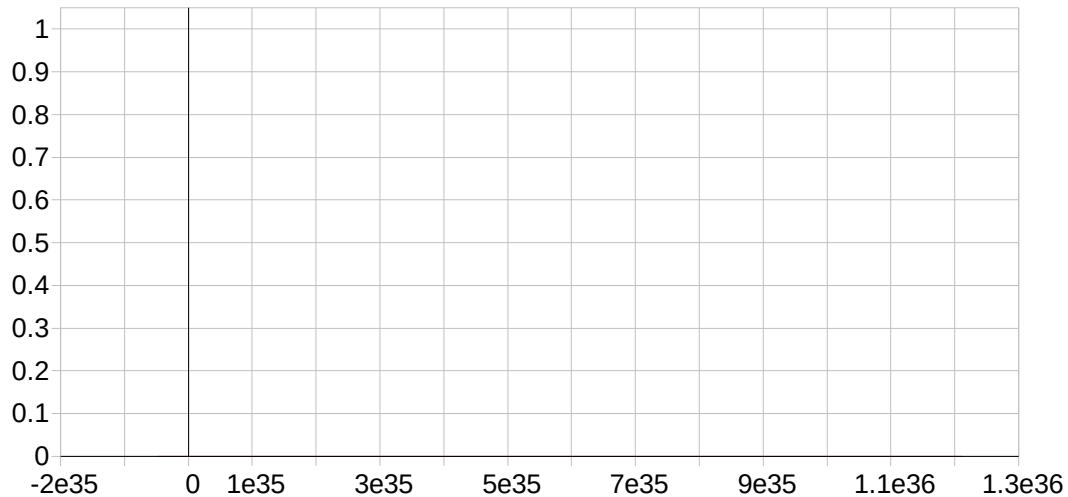
Y 224.306 {450}*

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

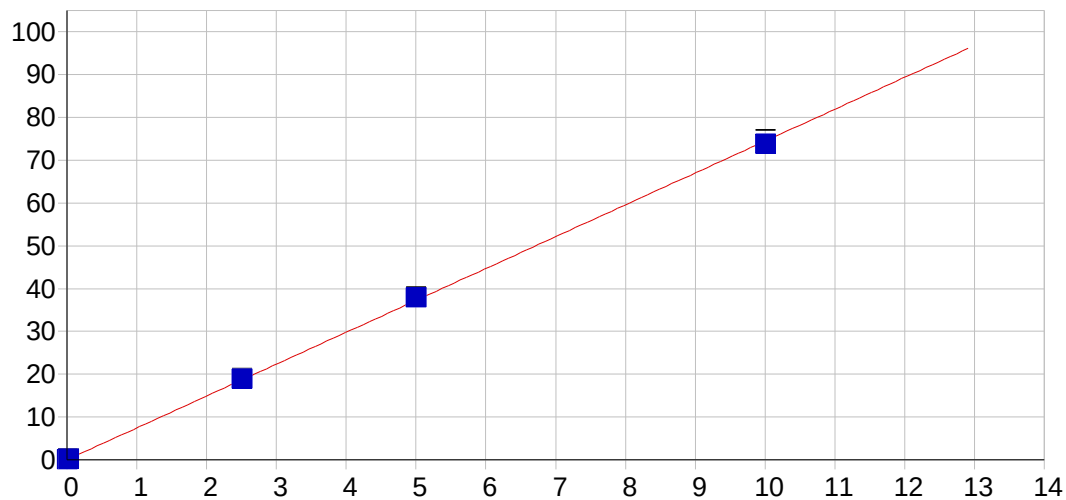
Status: Warning Zero Gain

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: 3/30/2019 13:52:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001337

Re-Slope: 1.000000

A1 (Gain): 7.447639

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

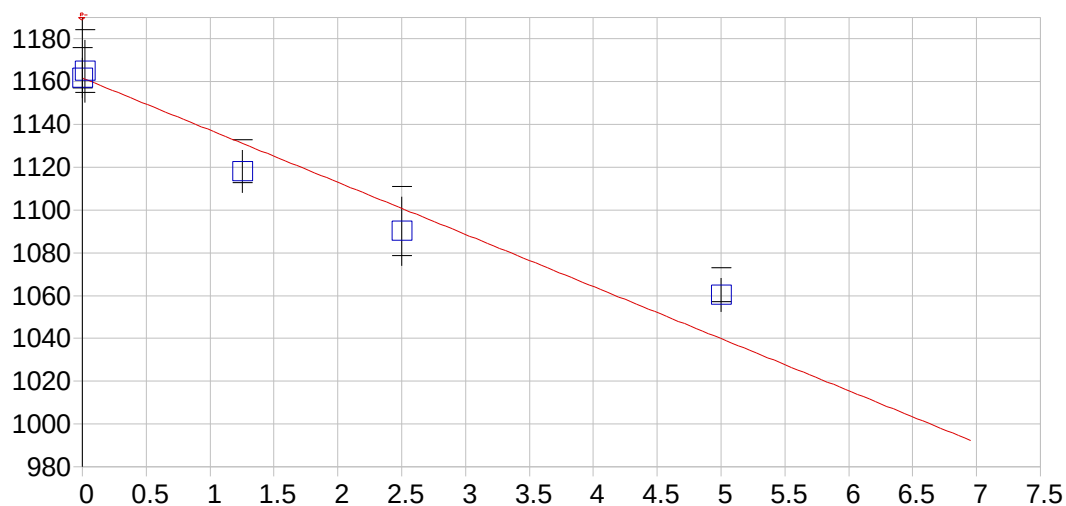
Status: OK.

Std Error of Est: 0.002214

Predicted MDL: 0.000125

Predicted MQL: 0.000416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00133	.001	1
S1	.02000	.02090	.001	4.50	.15781	.000	1
S3	2.5000	2.5308	.031	1.23	18.870	.053	1
S4	5.0000	5.0744	.074	1.49	37.835	.164	1
S5	10.000	9.8939	-.106	-1.06	73.769	.961	1

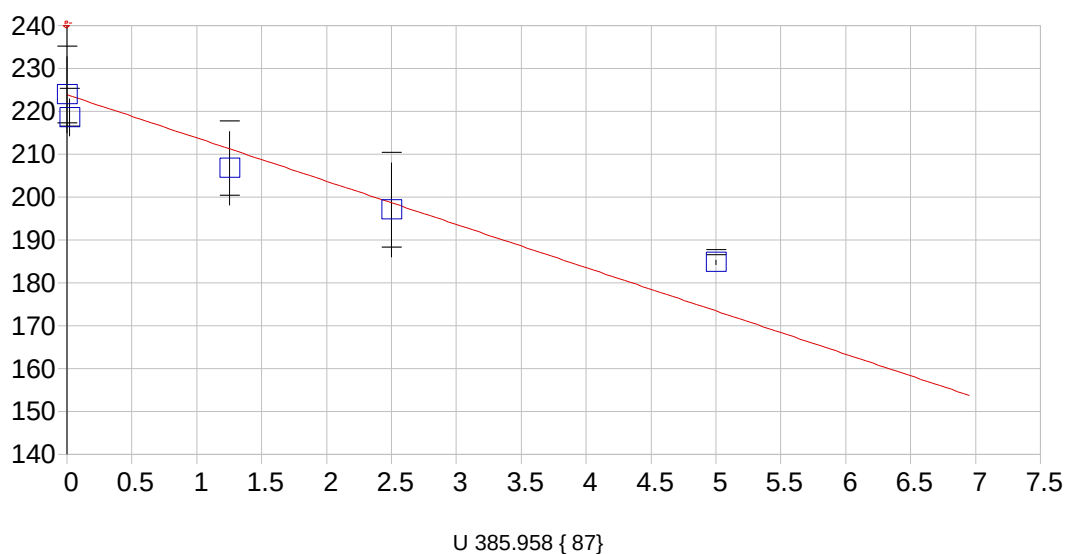


U 367.007 { 92 }

Date of Fit: 3/30/2019 13:52:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1161.724438 Re-Slope: 1.000000
A1 (Gain): -24.366010 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.922105 Status: Warning Negative Gain
Std Error of Est: 0.174725
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	1161.7	9.33	1
S1	.02000	-.12764	-.148	-738.	1164.8	14.7	1
S3	1.2500	1.7943	.544	43.5	1118.0	10.0	1
S4	2.5000	2.9383	.438	17.5	1090.1	16.2	1
S5	5.0000	4.1650	-.835	-16.7	1060.2	7.99	1



Date of Fit: 3/30/2019 13:52:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 223.894639

Re-Slope: 1.000000

A1 (Gain): -10.087352

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.629226

Status: Warning Negative Gain

Std Error of Est: 0.212924

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00051	-.001	.000	223.90	8.90	1
S1	.02000	.52877	.509	2540.	218.56	4.43	1
S3	1.2500	1.7021	.452	36.2	206.73	8.60	1
S4	2.5000	2.6595	.159	6.38	197.07	11.1	1
S5	5.0000	3.8797	-1.12	-22.4	184.76	.612	1

Sample Name: S0 Acquired: 3/30/2019 11:08:45 Type: Cal
Method: P4-ICP2(v3006) 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	.00047	.00023	.00322	.00005	.00028	.00078	.00748	-.00004
Stddev	.00014	.00010	.00016	.00003	.00006	.00006	.00016	.00003
%RSD	29.086	44.823	4.9036	53.439	22.684	8.3113	2.1640	80.477

#1	.00031	.00014	.00340	.00007	.00026	.00078	.00748	-.00001
#2	.00051	.00034	.00313	.00006	.00023	.00084	.00764	-.00005
#3	.00057	.00020	.00312	.00002	.00035	.00071	.00731	-.00008

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	.00129	.00160	-.00039	.00011	.00891	.00177	.00227	.00002
Stddev	.00027	.00053	.00003	.00006	.00022	.00003	.00013	.00004
%RSD	20.963	32.866	6.7373	58.632	2.4847	1.6123	5.8269	205.79

#1	.00125	.00206	-.00039	.00011	.00916	.00173	.00212	.00005
#2	.00104	.00171	-.00042	.00017	.00883	.00178	.00236	.00004
#3	.00158	.00103	-.00036	.00005	.00873	.00179	.00233	-.00003

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	-.00728	.00007	.01059	.00008	.00415	-.00869	-.00031	.00009
Stddev	.00005	.00002	.00071	.00002	.00020	.00017	.00009	.00002
%RSD	.63373	29.747	6.7261	21.036	4.9128	1.9535	30.229	17.871

#1	-.00723	.00005	.01127	.00006	.00438	-.00889	-.00038	.00009
#2	-.00729	.00008	.01066	.00009	.00402	-.00863	-.00020	.00010
#3	-.00731	.00008	.00985	.00009	.00404	-.00857	-.00035	.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	.00037	.01574	.00091	.00928	.02108	-.0031	.00133	1161.7
Stddev	.00009	.00066	.00004	.00021	.00229	.0001	.00069	9.3
%RSD	24.761	4.2224	4.3651	2.2615	10.861	3.375	51.816	.80315

#1	.00047	.01524	.00087	.00909	.02310	-.0031	.00175	1169.7
#2	.00033	.01649	.00089	.00925	.01860	-.0030	.00170	1164.0
#3	.00030	.01549	.00095	.00951	.02156	-.0032	.00053	1151.5

Sample Name: S0 Acquired: 3/30/2019 11:08:45 Type: Cal
 Method: P4-ICP2(v3006) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	223.90
Stddev	8.90
%RSD	3.9769

#1	231.38
#2	226.27
#3	214.05

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3960.3	40391.	5306.3	82.900	4588.2
Stddev	13.6	149.	50.1	1.713	8.5
%RSD	.34221	.36951	.94452	2.0664	.18462

#1	3950.9	40219.	5272.0	81.817	4578.5
#2	3954.2	40476.	5283.1	82.008	4591.8
#3	3975.8	40479.	5363.8	84.875	4594.3

Sample Name: S1 Acquired: 3/30/2019 11:13:10 Type: Cal
Method: P4-ICP2(v3006) 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	.00134	.00565	.00594	.00106	.00609	.00189	.07068	.00616
Stddev	.00007	.00020	.00029	.00001	.00004	.00001	.00034	.00004
%RSD	5.3921	3.5623	4.9429	.71626	.64006	.64760	.47937	.63803

#1	.00126	.00555	.00609	.00106	.00613	.00190	.07107	.00613
#2	.00137	.00588	.00560	.00107	.00607	.00187	.07056	.00615
#3	.00139	.00551	.00613	.00107	.00606	.00189	.07042	.00621

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	.02144	.00105	.02575	.02585	.00947	.02829	.01406	.00227
Stddev	.00020	.00005	.00020	.00005	.00002	.00015	.00022	.00006
%RSD	.94029	4.8970	.78518	.17894	.19251	.52084	1.5855	2.5059

#1	.02152	.00107	.02579	.02591	.00948	.02818	.01383	.00231
#2	.02159	.00108	.02553	.02583	.00945	.02822	.01408	.00230
#3	.02121	.00099	.02593	.02582	.00947	.02845	.01427	.00221

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	.00854	.07099	.13335	.00042	.00098	.14584	.00663	.01812
Stddev	.00004	.00019	.00029	.00002	.00012	.00101	.00018	.00040
%RSD	.41788	.26142	.21677	3.7345	12.224	.69569	2.7450	2.2238

#1	.00858	.07089	.13367	.00043	.00084	.14681	.00650	.01827
#2	.00853	.07088	.13327	.00040	.00108	.14478	.00656	.01766
#3	.00851	.07121	.13311	.00043	.00101	.14593	.00684	.01842

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04712	-.0018	.15781	1164.8	218.56
Stddev	.00302	.0001	.00024	14.7	4.43
%RSD	6.4173	2.974	.14932	1.2642	2.0270

#1	.04962	-.0018	.15769	1168.7	213.45
#2	.04799	-.0017	.15765	1148.6	221.31
#3	.04376	-.0018	.15808	1177.2	220.92

Sample Name: S1 Acquired: 3/30/2019 11:13:10 Type: Cal
Method: P4-ICP2(v3006) 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	3975.0	40624.	5333.9	83.119	4586.6
Stddev	5.7	203.	34.4	.860	4.9
%RSD	.14257	.49952	.64550	1.0345	.10722
#1	3974.9	40399.	5311.1	83.917	4591.0
#2	3969.5	40681.	5373.5	82.208	4587.6
#3	3980.8	40793.	5317.1	83.233	4581.3

Sample Name: S2 Acquired: 3/30/2019 11:17:36 Type: Cal
Method: P4-ICP2(v3006) 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	.08693	.00141	.07201	.01267
Stddev	.00058	.00007	.00088	.00039
%RSD	.66475	4.7569	1.2286	3.1101

#1	.08640	.00138	.07099	.01223
#2	.08755	.00135	.07258	.01281
#3	.08684	.00148	.07247	.01298

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	40269.	5316.1
Stddev	68.	16.1
%RSD	.16781	.30327

#1	40343.	5297.7
#2	40210.	5327.3
#3	40255.	5323.5

Sample Name: S3 Acquired: 3/30/2019 11:21:49 Type: Cal
Method: P4-ICP2(v3006) 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	.10233	.33148	.55488	.13150	.27207	.04899	2.9053	.12001
Stddev	.00006	.00094	.00164	.00079	.00122	.00046	.0086	.00051
%RSD	.05571	.28319	.29571	.59871	.45008	.94735	.29498	.42388

#1	.10232	.33077	.55300	.13104	.27095	.04933	2.8999	.12025
#2	.10239	.33254	.55604	.13106	.27188	.04846	2.9008	.11942
#3	.10228	.33112	.55560	.13241	.27338	.04918	2.9152	.12036

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9917	.50230	.06861	1.0469	.49261	.18211	1.4589	.00811
Stddev	.0071	.00122	.00011	.0030	.00240	.00036	.0015	.00006
%RSD	.17875	.24217	.16138	.28424	.48713	.19600	.10331	.73722

#1	3.9845	.50226	.06852	1.0442	.49045	.18222	1.4583	.00817
#2	3.9987	.50354	.06858	1.0501	.49218	.18171	1.4578	.00805
#3	3.9918	.50111	.06874	1.0464	.49519	.18239	1.4606	.00809

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	.63311	.12779	.37852	.25166	2.0775	.11536	1.5800	.00850
Stddev	.00174	.00022	.00061	.00118	.0047	.00023	.0025	.00004
%RSD	.27534	.17416	.16183	.47028	.22466	.20060	.15723	.43235

#1	.63116	.12755	.37791	.25212	2.0735	.11509	1.5792	.00852
#2	.63369	.12784	.37913	.25254	2.0826	.11551	1.5781	.00852
#3	.63450	.12798	.37852	.25032	2.0763	.11548	1.5828	.00846

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	.07952	.86792	.37104	.52461	3.8243	.1663	18.870	1118.0
Stddev	.00025	.00367	.00132	.00117	.0134	.0001	.053	10.0
%RSD	.31765	.42263	.35454	.22279	.34997	.0778	.28054	.89716

#1	.07964	.87005	.36957	.52327	3.8098	.1662	18.840	1107.6
#2	.07923	.87003	.37141	.52514	3.8363	.1664	18.932	1118.7
#3	.07969	.86369	.37212	.52542	3.8268	.1665	18.840	1127.6

Sample Name: S3 Acquired: 3/30/2019 11:21:49 Type: Cal
 Method: P4-ICP2(v3006) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	206.73
Stddev	8.60
%RSD	4.1609

#1	200.19
#2	203.52
#3	216.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3836.9	39356.	5188.3	79.258	4254.9
Stddev	3.7	70.	30.3	1.433	5.1
%RSD	.09759	.17837	.58466	1.8084	.11965

#1	3832.9	39296.	5186.9	79.290	4253.4
#2	3840.4	39340.	5158.7	77.809	4250.8
#3	3837.5	39433.	5219.3	80.676	4260.6

Sample Name: S4 Acquired: 3/30/2019 11:25:50 Type: Cal
Method: P4-ICP2(v3006) 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	.20601	.66617	1.1134	.26345	.54427	.09807	5.8560	.23893
Stddev	.00029	.00098	.0022	.00097	.00033	.00097	.0431	.00062
%RSD	.14231	.14637	.19347	.36693	.06062	.98591	.73541	.25885

#1	.20621	.66543	1.1110	.26338	.54460	.09698	5.8064	.23836
#2	.20567	.66580	1.1141	.26251	.54426	.09841	5.8773	.23959
#3	.20614	.66728	1.1151	.26444	.54394	.09882	5.8843	.23884

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.1180	.99688	.13630	2.1227	.95558	.35810	2.8983	.01616
Stddev	.0144	.00500	.00026	.0037	.00146	.00097	.0045	.00012
%RSD	.17734	.50135	.18898	.17486	.15280	.27087	.15453	.71757

#1	8.1016	.99114	.13600	2.1184	.95390	.35700	2.8941	.01607
#2	8.1285	1.0002	.13648	2.1253	.95659	.35844	2.9030	.01612
#3	8.1240	.99927	.13641	2.1243	.95624	.35885	2.8978	.01629

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	1.2789	.25150	.75141	.50300	4.2040	.24030	3.1530	.01707
Stddev	.0041	.00075	.00560	.00014	.0039	.00228	.0041	.00015
%RSD	.32081	.29747	.74520	.02808	.09163	.94900	.12921	.90486

#1	1.2743	.25064	.74508	.50284	4.1996	.23767	3.1483	.01690
#2	1.2819	.25184	.75340	.50302	4.2059	.24163	3.1547	.01720
#3	1.2807	.25202	.75574	.50312	4.2065	.24161	3.1559	.01712

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	.16440	1.7350	.74895	1.0353	7.6645	.3474	37.835	1090.1
Stddev	.00035	.0051	.00022	.0009	.0234	.0009	.164	16.2
%RSD	.21526	.29367	.02941	.08723	.30544	.2502	.43355	1.4829

#1	.16420	1.7356	.74906	1.0343	7.6441	.3474	37.724	1108.2
#2	.16419	1.7296	.74869	1.0361	7.6593	.3482	37.757	1077.0
#3	.16481	1.7398	.74909	1.0357	7.6901	.3465	38.023	1085.1

Sample Name: S4 Acquired: 3/30/2019 11:25:50 Type: Cal
 Method: P4-ICP2(v3006) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	197.07
Stddev	11.05
%RSD	5.6075

#1	207.60
#2	185.56
#3	198.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3765.9	38657.	5109.5	78.508	4074.5
Stddev	6.3	94.	21.7	.977	10.1
%RSD	.16691	.24236	.42462	1.2443	.24857

#1	3772.9	38729.	5092.5	78.450	4085.7
#2	3760.6	38690.	5133.9	77.562	4065.9
#3	3764.4	38551.	5102.1	79.513	4071.9

Sample Name: S5 Acquired: 3/30/2019 11:29:49 Type: Cal
Method: P4-ICP2(v3006) 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	.40898	1.3203	2.2378	.52207	1.0817	.19521	11.618	.46515
Stddev	.00150	.0022	.0034	.00167	.0028	.00067	.080	.00284
%RSD	.36716	.16418	.15139	.31914	.25550	.34093	.68814	.61149

#1	.40974	1.3180	2.2339	.52322	1.0810	.19456	11.544	.46258
#2	.40725	1.3224	2.2398	.52016	1.0794	.19589	11.703	.46467
#3	.40995	1.3205	2.2398	.52283	1.0848	.19518	11.608	.46821

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.382	1.9507	.26551	4.2918	1.8550	.69841	5.6150	.03173
Stddev	.021	.0041	.00140	.0090	.0036	.00130	.0190	.00016
%RSD	.12711	.21170	.52816	.20919	.19410	.18582	.33918	.51280

#1	16.359	1.9467	.26446	4.2815	1.8563	.69727	5.5996	.03163
#2	16.398	1.9549	.26497	4.2981	1.8509	.69814	5.6092	.03191
#3	16.391	1.9504	.26710	4.2957	1.8578	.69982	5.6363	.03163

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	2.5697	.49591	1.5020	.98726	8.5642	.48721	6.1809	.03378
Stddev	.0024	.00082	.0040	.00126	.0241	.00132	.0195	.00017
%RSD	.09448	.16447	.26850	.12751	.28145	.27048	.31613	.49136

#1	2.5675	.49497	1.5000	.98643	8.5369	.48682	6.2007	.03385
#2	2.5723	.49645	1.5066	.98665	8.5733	.48867	6.1616	.03391
#3	2.5694	.49631	1.4993	.98871	8.5825	.48613	6.1804	.03360

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	.34151	3.3915	1.5082	2.0277	15.280	.7195	73.769	1060.2
Stddev	.00032	.0217	.0033	.0055	.036	.0006	.961	8.0
%RSD	.09376	.64129	.21606	.27083	.23840	.0791	1.3033	.75369

#1	.34162	3.3890	1.5073	2.0243	15.240	.7200	73.696	1064.6
#2	.34177	3.3711	1.5118	2.0340	15.290	.7197	72.847	1065.1
#3	.34115	3.4144	1.5054	2.0247	15.311	.7189	74.765	1051.0

Sample Name: S5 Acquired: 3/30/2019 11:29:49 Type: Cal
 Method: P4-ICP2(v3006) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	184.76
Stddev	.61
%RSD	.33143

#1	184.12
#2	185.34
#3	184.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3681.9	38432.	5106.6	76.304	3849.1
Stddev	5.7	25.	19.0	2.230	10.3
%RSD	.15427	.06379	.37184	2.9220	.26875

#1	3681.6	38455.	5110.7	77.204	3860.8
#2	3687.8	38406.	5123.2	77.943	3841.4
#3	3676.4	38435.	5085.9	73.765	3844.9

Sample Name: ICV01 Acquired: 3/30/2019 11:49:43 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0178	1.0454	1.0210	1.0100	1.0182	2.6427	.51719	.50679
Stddev	.0006	.0030	.0021	.0042	.0029	.0374	.00190	.00130
%RSD	.05854	.28648	.20481	.41469	.28008	1.4173	.36782	.25625
#1	1.0178	1.0480	1.0234	1.0126	1.0213	2.6851	.51903	.50727
#2	1.0173	1.0421	1.0199	1.0052	1.0179	2.6290	.51730	.50778
#3	1.0185	1.0461	1.0197	1.0122	1.0156	2.6141	.51523	.50532
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49079	10.203	.51156	.50744	.50795	5.1163	.49763	6.0325
Stddev	.00079	.028	.00236	.00144	.00173	.0261	.00153	.0200
%RSD	.16148	.27866	.46131	.28403	.34067	.50966	.30824	.33230
#1	.49140	10.178	.51417	.50910	.50985	5.1440	.49928	6.0454
#2	.49107	10.196	.51095	.50648	.50753	5.0922	.49736	6.0094
#3	.48989	10.234	.50957	.50675	.50647	5.1128	.49624	6.0428
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50316	.48318	10.075	.51023	.99787	10.144	2.4118	2.3936
Stddev	.00108	.00159	.042	.00063	.00110	.064	.0037	.0324
%RSD	.21546	.32862	.41796	.12292	.10976	.63077	.15523	1.3540
#1	.50414	.48440	10.121	.50984	.99892	10.206	2.4082	2.4309
#2	.50336	.48375	10.039	.50989	.99796	10.078	2.4157	2.3778
#3	.50199	.48138	10.065	.51095	.99674	10.147	2.4114	2.3721
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5351	2.4105	2.4039	2.4103	2.5727	2.601	2.4655	F 2.8246
Stddev	.0133	.0146	.0054	.0038	.0098	.004	.0120	.5266
%RSD	.52490	.60635	.22286	.15884	.38049	.1584	.48817	18.645
#1	2.5501	2.3940	2.4100	2.4060	2.5629	2.606	2.4681	2.3920
#2	2.5248	2.4218	2.3997	2.4115	2.5825	2.598	2.4760	3.4110
#3	2.5305	2.4157	2.4021	2.4133	2.5728	2.599	2.4524	2.6708

Sample Name: ICV01 Acquired: 3/30/2019 11:49:43 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5560
Stddev	.7712
%RSD	49.561

#1	1.9712
#2	.66617
#3	2.0305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3806.8	38519.	5166.4	80.882	4267.0
Stddev	7.8	117.	21.0	2.100	11.5
%RSD	.20514	.30304	.40667	2.5964	.27065

#1	3800.2	38400.	5190.5	83.058	4255.5
#2	3804.9	38634.	5151.6	80.719	4267.0
#3	3815.4	38522.	5157.1	78.868	4278.6

Sample Name: LLICV01 Acquired: 3/30/2019 12:05:55 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01935	.04346	.01368	.02379	.05642	.10893	.10161	.00637
Stddev	.00119	.00005	.00035	.00215	.00256	.00978	.00113	.00004
%RSD	6.1281	.12446	2.5481	9.0491	4.5439	8.9778	1.1079	.60985
#1	.01945	.04348	.01406	.02167	.05493	.09862	.10124	.00638
#2	.01812	.04340	.01338	.02598	.05938	.11807	.10287	.00639
#3	.02048	.04350	.01358	.02372	.05495	.11011	.10072	.00632
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00629	2.1327	.01146	.03120	.02217	.10531	.02379	2.0996
Stddev	.00003	.0056	.00074	.00027	.00031	.00039	.00006	.0479
%RSD	.42856	.26430	6.4956	.86074	1.4075	.36822	.27030	2.2807
#1	.00631	2.1300	.01188	.03089	.02253	.10555	.02381	2.0443
#2	.00626	2.1391	.01191	.03132	.02198	.10551	.02385	2.1273
#3	.00631	2.1288	.01060	.03139	.02200	.10486	.02372	2.1271
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04155	.01110	2.0660	.04303	.04097	2.0899	.21211	.11017
Stddev	.00038	.00079	.0248	.00038	.00015	.0256	.00077	.00453
%RSD	.91688	7.1453	1.2001	.87412	.36616	1.2270	.36455	4.1150
#1	.04193	.01191	2.0456	.04296	.04088	2.0645	.21141	.11096
#2	.04156	.01104	2.0936	.04269	.04115	2.0893	.21294	.10530
#3	.04117	.01033	2.0588	.04343	.04090	2.1158	.21198	.11426
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01886	.37833	.03786	.04649	.02014	.0182	.02148	F 2.3363
Stddev	.00396	.00210	.00096	.00114	.00220	.0002	.00022	.1193
%RSD	20.980	.55424	2.5317	2.4610	10.910	1.318	1.0234	5.1083
#1	.01835	.37945	.03860	.04591	.01760	.0182	.02133	2.2374
#2	.01518	.37591	.03678	.04781	.02150	.0184	.02173	2.4688
#3	.02305	.37964	.03820	.04575	.02130	.0179	.02137	2.3027

Sample Name: LLICV01 Acquired: 3/30/2019 12:05:55 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5819
Stddev .6226
%RSD 24.113

#1 1.9452
#2 2.6114
#3 3.1893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.7	38275.	5144.8	82.307	4440.2
Stddev	4.6	84.	39.1	.256	4.1
%RSD	.11900	.21830	.76079	.31043	.09182

#1	3826.7	38207.	5099.7	82.433	4435.5
#2	3827.5	38251.	5170.6	82.475	4441.8
#3	3835.0	38368.	5163.9	82.013	4443.2

Sample Name: ICB01 Acquired: 3/30/2019 12:10:20 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	.00029	.00009	-.00089	-.00038	-.01247	-.00413	.00001
Stddev	.00093	.00083	.00078	.00191	.00121	.00549	.00047	.00007
%RSD	34.867	290.09	867.48	215.30	317.88	44.010	11.413	555.46
#1	-.00218	-.00024	-.00073	-.00283	.00072	-.01427	-.00451	.00008
#2	-.00375	-.00015	.00083	.00100	-.00019	-.01682	-.00428	-.00006
#3	-.00209	.00125	.00016	-.00085	-.00168	-.00630	-.00360	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00461	.00021	-.00007	-.00082	-.00485	-.00023	-.03609
Stddev	.00004	.01252	.00021	.00026	.00036	.00068	.00006	.04539
%RSD	55.893	271.30	101.61	365.47	44.180	13.978	24.687	125.75
#1	.00007	.00374	.00030	.00017	-.00047	-.00477	-.00019	-.05936
#2	.00003	.00143	.00036	-.00004	-.00079	-.00421	-.00030	.01621
#3	.00010	-.01901	-.00003	-.00035	-.00120	-.00556	-.00021	-.06513
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00057	-.14644	.00007	-.00109	-.06995	-.00003	.00349
Stddev	.00034	.00093	.01430	.00035	.00006	.04707	.00011	.01260
%RSD	113.65	162.02	9.7669	507.22	5.6487	67.286	406.14	360.99
#1	.00057	.00042	-.15269	.00047	-.00104	-.01606	.00010	.00497
#2	.00040	.00157	-.15654	-.00006	-.00116	-.10302	-.00007	-.00979
#3	-.00008	-.00027	-.13007	-.00020	-.00107	-.09076	-.00012	.01529
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.00077	-.00102	.00409	-.00396	-.0011	.00001	F 2.1972
Stddev	.00199	.00120	.00042	.00410	.00142	.0005	.00012	.5982
%RSD	73.146	156.27	40.767	100.35	35.779	40.38	2286.5	27.224
#1	-.00320	-.00061	-.00087	.00872	-.00500	-.0016	-.00003	2.8362
#2	-.00054	.00154	-.00149	.00093	-.00235	-.0006	.00014	2.1046
#3	-.00445	.00137	-.00070	.00261	-.00454	-.0012	-.00009	1.6507

Sample Name: ICB01 Acquired: 3/30/2019 12:10:20 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0073
Stddev	.8753
%RSD	29.104

#1	3.3338
#2	2.0157
#3	3.6723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.5	38556.	5200.5	80.919	4498.6
Stddev	6.5	251.	34.4	1.388	5.9
%RSD	.16811	.65228	.66155	1.7154	.13198

#1	3850.8	38471.	5229.0	81.733	4492.5
#2	3852.7	38358.	5162.3	79.317	4498.8
#3	3862.9	38839.	5210.2	81.708	4504.4

Sample Name: CRI01 Acquired: 3/30/2019 12:14:48 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01870	.04406	.01349	.02326	.05566	.11453	.10376	.00644
Stddev	.00267	.00072	.00073	.00303	.00216	.01439	.00080	.00011
%RSD	14.300	1.6443	5.4085	13.017	3.8853	12.564	.76786	1.7315
#1	.01961	.04340	.01422	.02485	.05546	.11060	.10463	.00644
#2	.02080	.04484	.01276	.02516	.05360	.13048	.10356	.00633
#3	.01569	.04395	.01348	.01977	.05791	.10252	.10308	.00656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	2.1561	.01089	.03125	.02259	.10447	.02404	2.0755
Stddev	.00013	.0157	.00052	.00012	.00013	.00058	.00015	.0522
%RSD	2.0345	.72810	4.7509	.37080	.59516	.55985	.61416	2.5152
#1	.00644	2.1738	.01045	.03129	.02249	.10509	.02418	2.1108
#2	.00629	2.1507	.01146	.03113	.02274	.10439	.02388	2.0155
#3	.00618	2.1438	.01076	.03135	.02254	.10393	.02406	2.1003
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04160	.01136	2.0601	.04365	.04080	2.0745	.21322	.10944
Stddev	.00030	.00058	.0230	.00018	.00026	.0490	.00095	.00375
%RSD	.71662	5.1189	1.1170	.41984	.64687	2.3624	.44757	3.4256
#1	.04171	.01160	2.0753	.04373	.04082	2.0473	.21216	.10521
#2	.04183	.01178	2.0715	.04344	.04105	2.0452	.21401	.11077
#3	.04126	.01070	2.0337	.04377	.04053	2.1311	.21348	.11235
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01816	.38086	.03583	.04667	.01738	.0180	.02160	F 3.0440
Stddev	.00149	.00521	.00071	.00125	.00267	.0018	.00031	.1162
%RSD	8.2191	1.3676	1.9882	2.6698	15.361	10.04	1.4557	3.8164
#1	.01987	.38053	.03509	.04626	.01743	.0200	.02150	3.1781
#2	.01713	.37583	.03589	.04568	.01468	.0176	.02134	2.9744
#3	.01747	.38623	.03651	.04807	.02002	.0165	.02195	2.9794

Sample Name: CRI01 Acquired: 3/30/2019 12:14:48 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4903
Stddev	.5846
%RSD	23.475

#1	1.8449
#2	2.6416
#3	2.9844

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.9	37844.	5109.7	80.678	4395.3
Stddev	7.3	30.	37.6	.891	8.7
%RSD	.19293	.07857	.73518	1.1038	.19896

#1	3776.3	37823.	5151.6	80.842	4386.8
#2	3790.8	37878.	5098.4	79.717	4404.3
#3	3781.6	37832.	5079.0	81.475	4394.8

Sample Name: ICSA01 Acquired: 3/30/2019 12:19:14 Type: Unk
 Method: P4-ICP2(v3006) 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	.00144	.00846	-.00361	.01172	-.00027	283.75	.00163	-.00581
Stddev	.00467	.00008	.00146	.00242	.00219	1.20	.00066	.00012
%RSD	323.95	.96343	40.309	20.631	809.08	.42399	40.247	2.1220

#1	.00585	.00840	-.00455	.00922	-.00196	282.90	.00237	-.00594
#2	-.00345	.00855	-.00434	.01405	.00220	283.22	.00111	-.00570
#3	.00192	.00842	-.00193	.01189	-.00105	285.13	.00143	-.00577

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	251.48	.04817	-.00070	.00948	97.182	.01380	274.87
Stddev	.00011	2.23	.00141	.00015	.00032	.270	.00010	1.13
%RSD	8.7646	.88576	2.9306	21.144	3.3309	.27778	.74935	.41015

#1	-.00116	249.78	.04675	-.00087	.00960	97.170	.01373	274.03
#2	-.00138	254.00	.04957	-.00060	.00912	97.458	.01376	274.42
#3	-.00131	250.66	.04819	-.00062	.00972	96.918	.01392	276.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01646	-.00700	-.04955	-.00115	-.01612	-.05620	-.00297	-.03026
Stddev	.00030	.00064	.00470	.00045	.00013	.01290	.00034	.01167
%RSD	1.8069	9.0973	9.4908	38.806	.79621	22.958	11.598	38.570

#1	-.01679	-.00628	-.05402	-.00137	-.01609	-.06854	-.00277	-.04122
#2	-.01622	-.00748	-.04998	-.00064	-.01627	-.05726	-.00276	-.01799
#3	-.01637	-.00724	-.04464	-.00145	-.01602	-.04280	-.00336	-.03156

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00615	-.00408	.00562	.00207	.01089	-.0166	-.00501	6.9660
Stddev	.00490	.00297	.00117	.00044	.00106	.0006	.00042	.4824
%RSD	79.706	72.868	20.790	21.236	9.7279	3.837	8.2894	6.9251

#1	-.00419	-.00589	.00543	.00179	.01103	-.0162	-.00529	6.8396
#2	-.00253	-.00569	.00456	.00258	.01188	-.0174	-.00522	7.4990
#3	-.01172	-.00065	.00687	.00185	.00977	-.0164	-.00454	6.5593

Sample Name: ICSA01 Acquired: 3/30/2019 12:19:14 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.6000
 %RSD 2.8329

#1 -56.392
 #2 -54.925
 #3 -58.122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.4	36099.	5068.6	75.659	3623.2
Stddev	4.4	35.	53.1	1.251	24.2
%RSD	.12812	.09789	1.0476	1.6537	.66739

#1	3469.4	36111.	5092.7	74.226	3595.5
#2	3468.4	36127.	5007.7	76.216	3639.8
#3	3461.3	36059.	5105.4	76.535	3634.4

Sample Name: ICSAB01 Acquired: 3/30/2019 12:23:54 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11295	.11638	.05289	.06428	.66346	279.82	.54376	.57464
Stddev	.00370	.00089	.00206	.00523	.00609	2.27	.00370	.00187
%RSD	3.2782	.76638	3.9042	8.1378	.91788	.81183	.68134	.32519

#1	.11362	.11722	.05225	.05877	.65750	277.21	.53948	.57248
#2	.10895	.11647	.05520	.06917	.66967	281.00	.54573	.57586
#3	.11626	.11545	.05122	.06489	.66321	281.27	.54605	.57556

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0456	245.17	.56915	.53341	.53564	95.265	.55685	269.31
Stddev	.0010	.20	.00069	.00119	.00134	.402	.00048	2.33
%RSD	.09447	.08153	.12098	.22220	.25069	.42226	.08592	.86439

#1	1.0458	245.03	.56957	.53204	.53704	95.077	.55633	266.62
#2	1.0445	245.08	.56835	.53403	.53553	94.991	.55727	270.76
#3	1.0464	245.40	.56952	.53415	.53436	95.727	.55694	270.54

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0122	.19970	-.05272	.52153	1.1355	-.09700	.97693	.98777
Stddev	.0014	.00094	.01719	.00114	.0026	.01845	.00121	.00859
%RSD	.13947	.47008	32.605	.21855	.22688	19.019	.12408	.86955

#1	1.0131	.20078	-.06192	.52284	1.1328	-.10479	.97738	.98544
#2	1.0131	.19922	-.03289	.52092	1.1358	-.07594	.97785	.99729
#3	1.0106	.19910	-.06334	.52082	1.1379	-.11028	.97556	.98059

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1729	.86449	.96543	.96626	1.0648	1.199	.93956	7.7890
Stddev	.0089	.01037	.00258	.00067	.0037	.003	.00092	.2501
%RSD	.76182	1.2000	.26716	.06942	.34669	.2853	.09826	3.2104

#1	1.1630	.87512	.96748	.96609	1.0650	1.203	.93932	7.8765
#2	1.1803	.85439	.96627	.96569	1.0610	1.200	.94058	7.5070
#3	1.1754	.86397	.96253	.96700	1.0684	1.196	.93879	7.9836

Sample Name: ICSAB01 Acquired: 3/30/2019 12:23:54 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.2078
 %RSD 2.2135

#1 -53.472
 #2 -54.363
 #3 -55.862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.3	35284.	4979.0	72.376	3553.6
Stddev	7.8	92.	33.2	1.861	5.2
%RSD	.22887	.26125	.66596	2.5716	.14557

#1	3387.8	35359.	4943.8	71.721	3548.6
#2	3394.9	35311.	5009.6	74.477	3559.0
#3	3403.3	35181.	4983.5	70.931	3553.2

Sample Name: CCV01 Acquired: 3/30/2019 12:28:18 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1571	5.1350	5.2414	5.1214	5.2225	10.475	10.286	.26103
Stddev	.0240	.0045	.0046	.0153	.0057	.148	.124	.00058
%RSD	.46548	.08839	.08684	.29771	.10863	1.4149	1.2036	.22312
#1	5.1760	5.1380	5.2362	5.1219	5.2291	10.396	10.238	.26049
#2	5.1301	5.1298	5.2433	5.1059	5.2197	10.646	10.427	.26165
#3	5.1652	5.1372	5.2447	5.1364	5.2189	10.383	10.195	.26096
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5459	24.899	1.0069	2.5697	1.2876	4.9222	2.6193	25.021
Stddev	.0020	.021	.0044	.0030	.0023	.0217	.0067	.292
%RSD	.07865	.08276	.43315	.11697	.18143	.44143	.25548	1.1682
#1	2.5463	24.922	1.0060	2.5701	1.2870	4.9299	2.6157	24.827
#2	2.5437	24.883	1.0117	2.5666	1.2856	4.9391	2.6270	25.357
#3	2.5477	24.893	1.0032	2.5725	1.2902	4.8977	2.6152	24.878
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5068	1.1889	25.309	2.4850	2.6176	24.784	4.9779	5.0933
Stddev	.0059	.0053	.296	.0085	.0032	.214	.0119	.0665
%RSD	.23476	.44360	1.1696	.34150	.12252	.86488	.23822	1.3052
#1	2.5055	1.1907	25.200	2.4814	2.6205	24.693	4.9860	5.0335
#2	2.5016	1.1929	25.645	2.4947	2.6142	25.029	4.9643	5.1649
#3	2.5132	1.1829	25.084	2.4790	2.6182	24.630	4.9834	5.0816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9236	4.8068	4.8566	5.0554	5.0313	5.063	5.1508	F 4.5179
Stddev	.0013	.0728	.0070	.0191	.0398	.005	.0275	.8675
%RSD	.02707	1.5148	.14422	.37755	.79166	.0912	.53309	19.201
#1	4.9226	4.8527	4.8521	5.0564	5.0679	5.069	5.1789	4.3183
#2	4.9232	4.7229	4.8531	5.0740	4.9889	5.061	5.1240	5.4679
#3	4.9251	4.8449	4.8647	5.0359	5.0371	5.060	5.1495	3.7676

Sample Name: CCV01 Acquired: 3/30/2019 12:28:18 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1802
Stddev	.4341
%RSD	13.651

#1	3.6574
#2	2.8086
#3	3.0746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.6	37263.	5095.2	75.656	3946.8
Stddev	6.0	191.	60.5	.442	.8
%RSD	.16416	.51331	1.1872	.58402	.02038

#1	3630.7	37406.	5058.6	75.634	3945.9
#2	3641.2	37046.	5165.0	76.108	3947.5
#3	3640.8	37339.	5061.9	75.225	3947.0

Sample Name: LLCCV01 Acquired: 3/30/2019 12:41:37 Type: Unk
Method: P4-ICP2(v3006) 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	.02193	.04335	.01374	.02095	.05714	.11530	.10580	.00651
Stddev	.00030	.00068	.00047	.00189	.00220	.00834	.00062	.00006
%RSD	1.3847	1.5777	3.4025	8.9965	3.8464	7.2344	.58328	.95453
#1	.02194	.04300	.01326	.02243	.05594	.10591	.10567	.00646
#2	.02223	.04291	.01419	.02160	.05580	.11812	.10647	.00650
#3	.02162	.04414	.01376	.01883	.05968	.12186	.10526	.00658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00639	2.1422	.01085	.03183	.02254	.10264	.02399	2.1107
Stddev	.00010	.0183	.00053	.00013	.00028	.00065	.00012	.0337
%RSD	1.5942	.85313	4.9002	.39939	1.2562	.63259	.51965	1.5978
#1	.00634	2.1235	.01145	.03198	.02243	.10332	.02385	2.1068
#2	.00650	2.1600	.01043	.03175	.02232	.10255	.02407	2.1462
#3	.00631	2.1431	.01067	.03176	.02286	.10203	.02406	2.0791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04223	.01083	2.0580	.04425	.04246	2.0368	.21441	.11850
Stddev	.00018	.00038	.0111	.00030	.00016	.0462	.00104	.00550
%RSD	.42108	3.5492	.53815	.67151	.37207	2.2696	.48335	4.6436
#1	.04208	.01069	2.0555	.04413	.04238	2.0099	.21361	.12424
#2	.04243	.01126	2.0701	.04458	.04236	2.0902	.21403	.11328
#3	.04218	.01053	2.0484	.04403	.04265	2.0104	.21558	.11798
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01691	.37992	.03803	.04775	.01942	.0194	.02170	F 4.4639
Stddev	.00314	.00268	.00019	.00148	.00244	.0016	.00012	.1661
%RSD	18.594	.70630	.49501	3.1069	12.572	8.179	.53759	3.7202
#1	.01892	.37823	.03823	.04902	.01674	.0197	.02158	4.4849
#2	.01329	.37852	.03785	.04612	.01999	.0208	.02172	4.2883
#3	.01852	.38301	.03802	.04812	.02152	.0176	.02181	4.6184

Sample Name: LLCCV01 Acquired: 3/30/2019 12:41:37 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.3923
Stddev	.6825
%RSD	20.119

#1	4.0197
#2	2.6656
#3	3.4917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3720.2	37096.	5062.2	79.256	4329.3
Stddev	7.4	115.	18.0	1.923	1.2
%RSD	.19829	.31131	.35654	2.4264	.02765

#1	3715.3	37186.	5070.2	77.117	4328.5
#2	3728.7	37135.	5074.8	80.842	4328.8
#3	3716.7	36966.	5041.5	79.808	4330.7

Sample Name: CCB01 Acquired: 3/30/2019 12:50:32 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	.00013	.00023	-.00157	-.00040	-.00616	-.00353	.00007
Stddev	.00143	.00067	.00052	.00190	.00178	.00554	.00029	.00008
%RSD	41.456	514.32	232.80	120.67	451.04	89.943	8.1369	113.25
#1	-.00213	-.00001	.00040	-.00374	.00007	-.00313	-.00352	.00014
#2	-.00326	.00086	-.00036	-.00075	-.00236	-.00280	-.00382	.00009
#3	-.00497	-.00046	.00064	-.00022	.00111	-.01256	-.00324	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01272	.00053	.00003	-.00136	-.00669	-.00039	-.04653
Stddev	.00008	.01051	.00025	.00013	.00024	.00122	.00012	.05610
%RSD	166320.	82.635	46.162	454.63	17.879	18.224	31.782	120.57
#1	-.00004	-.00465	.00036	-.00003	-.00163	-.00566	-.00044	-.00166
#2	.00009	-.02461	.00043	.00018	-.00116	-.00636	-.00048	-.02851
#3	-.00005	-.00890	.00081	-.00006	-.00129	-.00804	-.00025	-.10943
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00005	-.17435	.00056	-.00114	-.12924	-.00011	.00988
Stddev	.00029	.00006	.01162	.00013	.00001	.03225	.00016	.02062
%RSD	1303.2	138.23	6.6663	22.637	.70902	24.950	147.93	208.64
#1	.00019	-.00005	-.18033	.00070	-.00114	-.09307	-.00016	-.01345
#2	-.00035	-.00011	-.18178	.00045	-.00114	-.15499	.00007	.01744
#3	.00010	.00002	-.16096	.00053	-.00115	-.13965	-.00025	.02566
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	.00288	-.00249	.00684	-.00611	.0010	.00001	F 3.5215
Stddev	.00335	.00076	.00011	.00064	.00131	.0008	.00003	.5498
%RSD	147.39	26.307	4.5854	9.3009	21.389	84.70	446.10	15.613
#1	.00156	.00204	-.00236	.00757	-.00649	.0005	-.00002	4.1405
#2	-.00374	.00350	-.00256	.00647	-.00465	.0005	-.00000	3.3342
#3	-.00465	.00310	-.00256	.00647	-.00718	.0019	.00005	3.0897

Sample Name: CCB01 Acquired: 3/30/2019 12:50:32 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.7058
 Stddev .6364
 %RSD 17.173

#1 4.1419
 #2 2.9755
 #3 3.9999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3787.5	37491.	5142.2	82.128	4431.4
Stddev	2.1	153.	6.6	1.093	5.1
%RSD	.05555	.40719	.12867	1.3308	.11604

#1	3785.9	37357.	5134.9	81.300	4425.6
#2	3789.9	37657.	5147.8	81.717	4435.2
#3	3786.6	37459.	5144.0	83.367	4433.5

Sample Name: PB118383BL Acquired: 3/30/2019 12:54:30 Type: Unk
Method: P4-ICP2(v3006) 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	.00176	.00011	.00030	-.00270	-.00095	-.00021	-.00038	.00001
Stddev	.00321	.00027	.00096	.00242	.00101	.00528	.00083	.00000
%RSD	182.13	255.24	323.16	89.548	105.80	2519.2	220.69	16.922
#1	.00546	.00036	-.00050	-.00050	-.00096	.00588	.00058	.00001
#2	-.00039	-.00019	.00003	-.00231	-.00195	-.00333	-.00087	.00002
#3	.00023	.00015	.00137	-.00530	.00006	-.00318	-.00084	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00898	-.00034	-.00005	-.00222	-.01443	-.00112	-.01133
Stddev	.00004	.00696	.00024	.00014	.00043	.00020	.00004	.04055
%RSD	214.31	77.483	71.426	299.08	19.282	1.3772	3.8765	357.98
#1	.00005	-.01620	-.00061	-.00008	-.00214	-.01466	-.00109	-.05794
#2	-.00002	-.00843	-.00022	-.00017	-.00184	-.01433	-.00110	.00807
#3	.00002	-.00231	-.00017	.00011	-.00269	-.01430	-.00117	.01588
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00071	-.19973	.00010	-.00106	-.12990	-.00001	.01079
Stddev	.00015	.00048	.00794	.00048	.00008	.03953	.00019	.01021
%RSD	47.891	67.398	3.9751	480.99	7.9023	30.429	3436.7	94.638
#1	.00045	.00018	-.20795	-.00041	-.00099	-.12701	-.00008	-.00099
#2	.00031	.00085	-.19913	.00054	-.00103	-.17079	-.00015	.01627
#3	.00016	.00111	-.19210	.00018	-.00115	-.09190	.00021	.01708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00504	.00227	-.00329	.00852	-.00713	-.0002	-.00002	F 3.5037
Stddev	.00095	.00074	.00029	.00095	.00079	.0014	.00008	.4657
%RSD	18.792	32.739	8.7565	11.165	11.016	824.9	377.77	13.291
#1	-.00593	.00142	-.00349	.00747	-.00756	.0014	-.00010	3.9621
#2	-.00515	.00261	-.00341	.00933	-.00760	-.0006	-.00003	3.0311
#3	-.00405	.00278	-.00296	.00875	-.00622	-.0013	.00006	3.5179

Sample Name: PB118383BL Acquired: 3/30/2019 12:54:30 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.9095
Stddev .4037
%RSD 8.2226

#1 5.3547
#2 4.8065
#3 4.5672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3783.8	37696.	5161.8	81.150	4442.6
Stddev	2.6	116.	20.9	1.054	3.2
%RSD	.06822	.30854	.40447	1.2991	.07191

#1	3782.5	37574.	5150.1	79.933	4439.4
#2	3782.2	37707.	5185.9	81.792	4445.8
#3	3786.8	37806.	5149.4	81.725	4442.5

Sample Name: K1560-07 Acquired: 3/30/2019 13:03:08 Type: Unk
Method: P4-ICP2(v3006) 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	.00596	.01012	.00326	.00748	.01347	.01761	.02771	.00172
Stddev	.00276	.00075	.00055	.00323	.00078	.01890	.00057	.00005
%RSD	46.284	7.3678	16.819	43.157	5.7795	107.31	2.0460	2.6980

#1	.00457	.01097	.00382	.00487	.01405	.00565	.02836	.00168
#2	.00913	.00982	.00273	.00647	.01258	.03940	.02731	.00177
#3	.00417	.00957	.00323	.01109	.01377	.00778	.02747	.00171

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	.52118	.00272	.00785	.00420	.01776	.00549	.48430
Stddev	.00000	.00981	.00043	.00002	.00022	.00091	.00005	.04722
%RSD	.12248	1.8814	15.762	.20139	5.1638	5.1286	.87313	9.7503

#1	.00154	.52806	.00304	.00786	.00445	.01736	.00546	.52200
#2	.00154	.52552	.00287	.00783	.00408	.01881	.00555	.49958
#3	.00154	.50995	.00223	.00786	.00406	.01713	.00546	.43134

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01008	.00290	.36355	.01107	.00928	.43016	.05169	.03141
Stddev	.00021	.00012	.00460	.00049	.00013	.01231	.00030	.01024
%RSD	2.1051	4.2085	1.2667	4.3842	1.3808	2.8618	.58233	32.600

#1	.01024	.00291	.36816	.01156	.00938	.44177	.05163	.02244
#2	.00984	.00277	.36355	.01059	.00932	.43146	.05142	.04257
#3	.01016	.00301	.35895	.01107	.00914	.41726	.05201	.02922

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.11907	.00762	.01628	-.00138	.0057	.00527	4.0159
Stddev	.00110	.00375	.00048	.00198	.00106	.0004	.00007	.5902
%RSD	42.066	3.1491	6.2535	12.152	76.892	6.236	1.3156	14.697

#1	.00224	.11535	.00808	.01595	-.00145	.0054	.00519	4.6805
#2	.00174	.11900	.00766	.01449	-.00029	.0056	.00532	3.5529
#3	.00385	.12285	.00713	.01841	-.00240	.0061	.00530	3.8143

Sample Name: K1560-07 Acquired: 3/30/2019 13:03:08 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.6197
 Stddev .7222
 %RSD 15.633

#1 4.3352
 #2 5.4407
 #3 4.0830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.9	36931.	5051.8	78.531	4345.9
Stddev	12.8	225.	12.8	1.545	12.2
%RSD	.34434	.61052	.25268	1.9670	.27993

#1	3704.2	36763.	5066.2	79.592	4335.9
#2	3724.7	36844.	5041.8	76.758	4342.5
#3	3727.7	37187.	5047.5	79.242	4359.5

Sample Name: K1560-08 Acquired: 3/30/2019 13:07:37 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04553	.08903	.02678	.04250	.11652	.24765	.23586	.01475	.01296
Stddev	.00085	.00070	.00075	.00096	.00146	.01647	.00241	.00006	.00002
%RSD	1.8683	.78364	2.7946	2.2565	1.2515	6.6515	1.0224	.42020	.17743

#1	.04555	.08982	.02592	.04273	.11483	.23046	.23340	.01470	.01293
#2	.04636	.08851	.02719	.04333	.11737	.26330	.23822	.01473	.01296
#3	.04466	.08875	.02724	.04145	.11735	.24920	.23597	.01482	.01298

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3640	.02286	.06502	.04516	.20552	.04841	4.3820	.08635	.02082
Stddev	.0350	.00061	.00011	.00027	.00147	.00038	.1301	.00013	.00004
%RSD	.80186	2.6548	.16164	.59271	.71750	.78714	2.9696	.15203	.17097

#1	4.3518	.02251	.06496	.04512	.20705	.04878	4.4288	.08622	.02079
#2	4.3368	.02252	.06514	.04544	.20540	.04845	4.4823	.08635	.02083
#3	4.4035	.02356	.06495	.04491	.20411	.04802	4.2350	.08648	.02086

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3550	.08874	.08656	4.2846	.43352	.21537	.03471	.76542	.07487
Stddev	.0212	.00035	.00042	.0421	.00160	.00397	.00335	.01030	.00084
%RSD	.48708	.40004	.48018	.98164	.36892	1.8446	9.6393	1.3463	1.1224

#1	4.3335	.08840	.08640	4.2444	.43176	.21794	.03105	.77508	.07391
#2	4.3759	.08910	.08704	4.3283	.43489	.21079	.03762	.75457	.07544
#3	4.3555	.08871	.08626	4.2811	.43391	.21737	.03546	.76659	.07528

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09525	.03727	.0412	.04431	4.1077	4.1676
Stddev	.00183	.00379	.0021	.00018	.4717	.5406
%RSD	1.9231	10.177	5.085	.40042	11.483	12.971

#1	.09728	.03653	.0432	.04440	3.5932	4.5657
#2	.09374	.04137	.0391	.04411	4.5197	4.3849
#3	.09472	.03389	.0414	.04444	4.2102	3.5522

Sample Name: K1560-08 Acquired: 3/30/2019 13:07:37 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3740.1	37216.	5104.8	81.778	4335.6
Stddev	2.1	103.	42.4	.449	7.8
%RSD	.05682	.27559	.83120	.54933	.17947
#1	3741.0	37166.	5069.2	81.875	4330.0
#2	3741.5	37149.	5151.7	82.171	4344.5
#3	3737.6	37335.	5093.5	81.289	4332.4

Sample Name: PB118383BS Acquired: 3/30/2019 13:20:47 Type: Unk
Method: P4-ICP2(v3006) 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	.80926	2.0592	1.0490	2.0768	.84429	2.1987	.21561
Stddev	.00672	.0039	.0008	.0057	.00084	.0116	.00231
%RSD	.83076	.19070	.07508	.27601	.09991	.52522	1.0716

#1	.81417	2.0633	1.0481	2.0756	.84387	2.1901	.21822
#2	.81201	2.0588	1.0495	2.0830	.84373	2.2118	.21478
#3	.80159	2.0555	1.0494	2.0717	.84526	2.1941	.21383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21816	.19872	1.0225	.41727	.20811	.33918	3.0763
Stddev	.00075	.00020	.0064	.00188	.00055	.00126	.0036
%RSD	.34287	.09841	.62191	.45075	.26266	.37187	.11767

#1	.21894	.19893	1.0296	.41584	.20873	.34037	3.0750
#2	.21810	.19866	1.0204	.41940	.20768	.33932	3.0735
#3	.21745	.19855	1.0174	.41658	.20792	.33786	3.0804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22252	2.0171	.50440	.07065	3.0237	.30740	.20835
Stddev	.00023	.0535	.00042	.00074	.0231	.00125	.00055
%RSD	.10469	2.6531	.08405	1.0454	.76413	.40625	.26387

#1	.22260	2.0679	.50457	.07066	2.9975	.30597	.20887
#2	.22270	1.9612	.50472	.07139	3.0326	.30829	.20841
#3	.22226	2.0221	.50392	.06991	3.0411	.30794	.20777

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.128	.38812	.30434	8.9420	.82182	.63438	.20342
Stddev	.033	.00075	.00413	.0332	.00611	.00221	.00064
%RSD	.32523	.19201	1.3579	.37099	.74401	.34789	.31376

#1	10.140	.38881	.30789	8.9740	.81477	.63516	.20342
#2	10.091	.38821	.29980	8.9442	.82494	.63609	.20405
#3	10.153	.38733	.30532	8.9077	.82575	.63189	.20278

Sample Name: PB118383BS Acquired: 3/30/2019 13:20:47 Type: Unk
 Method: P4-ICP2(v3006) 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	.20519	F 5.539	.19878	F 3.9339	F<.00000
Stddev	.00129	.018	.00143	.5763	1.1933
%RSD	.62825	.3323	.71821	14.649	44.836

#1	.20603	5.554	.20010	4.4203	-1.6376
#2	.20583	5.545	.19726	4.0840	-3.9719
#3	.20371	5.519	.19898	3.2975	-2.3748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.9	37042.	5083.2	81.114	4333.9
Stddev	6.2	171.	18.8	1.555	8.8
%RSD	.16738	.46178	.37043	1.9175	.20304

#1	3697.9	36845.	5064.7	80.069	4323.9
#2	3709.8	37127.	5082.7	80.371	4340.6
#3	3707.0	37154.	5102.3	82.902	4337.3

Sample Name: LR CHECK 1 Acquired: 3/30/2019 13:24:28 Type: Unk
Method: P4-ICP2(v3006) 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	.09212	.06767	-.18277	-.04839	.00120	1938.7	.00783	-.02926
Stddev	.01020	.00554	.00404	.02165	.00105	24.5	.00034	.00048
%RSD	11.073	8.1849	2.2118	44.747	87.441	1.2656	4.3711	1.6319

#1	.08820	.07406	-.17886	-.02420	.00019	1941.1	.00749	-.02978
#2	.08447	.06419	-.18252	-.05500	.00228	1961.9	.00782	-.02885
#3	.10370	.06478	-.18693	-.06596	.00113	1913.0	.00818	-.02915

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01764	1789.9	-.09115	.04268	-.04643	836.90	-.00554	1932.3
Stddev	.00013	.3	.00165	.00016	.00185	6.53	.00026	5.8
%RSD	.74907	.01452	1.8100	.37557	3.9869	.78043	4.6534	.30029

#1	.01770	1789.6	-.08951	.04255	-.04636	839.82	-.00542	1935.7
#2	.01749	1790.1	-.09281	.04286	-.04831	841.47	-.00583	1935.5
#3	.01774	1790.1	-.09112	.04263	-.04461	829.42	-.00536	1925.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03824	-.06215	1941.9	-.00962	-.01996	1099.4	-.02077	-.58535
Stddev	.00093	.00066	16.4	.00109	.00208	4.8	.00067	.03862
%RSD	2.4434	1.0594	.84253	11.318	10.436	.43345	3.2442	6.5976

#1	.03895	-.06290	1958.7	-.01061	-.02078	1104.7	-.02009	-.56550
#2	.03718	-.06193	1940.8	-.00982	-.02150	1098.1	-.02077	-.56070
#3	.03858	-.06164	1926.1	-.00845	-.01759	1095.4	-.02144	-.62986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24616	-.00948	.05130	-.04865	.11779	.1511	-.91192	<.00000
Stddev	.01253	.00359	.00204	.00197	.00169	.0075	.00706	.42708
%RSD	5.0896	37.909	3.9751	4.0397	1.4319	4.966	.77372	5.6712

#1	.25944	-.00962	.04917	-.05067	.11646	.1502	-.91502	-7.2272
#2	.24450	-.00582	.05324	-.04851	.11722	.1590	-.91689	-7.3460
#3	.23455	-.01300	.05149	-.04675	.11968	.1441	-.90384	-8.0191

Sample Name: LR CHECK 1 Acquired: 3/30/2019 13:24:28 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.7	28832.	4454.2	61.264	2356.0
Stddev	7.8	80.	38.5	.825	4.6
%RSD	.29699	.27873	.86473	1.3474	.19669

#1	2643.7	28770.	4416.8	60.859	2361.4
#2	2631.0	28803.	4451.9	60.719	2353.8
#3	2629.4	28922.	4493.8	62.213	2353.0

Sample Name: LR CHECK 2 Acquired: 3/30/2019 13:29:31 Type: Unk
Method: P4-ICP2(v3006) 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	.04753	.00638	245.27	.05532	-.11052	-.24364	92.458	-.00064
Stddev	.00608	.00317	4.15	.00665	.00537	.00577	.354	.00018
%RSD	12.791	49.610	1.6910	12.021	4.8563	2.3694	.38336	27.906

#1	.04085	.00857	242.97	.05874	-.10443	-.23733	92.824	-.00045
#2	.04900	.00275	242.78	.05957	-.11457	-.24493	92.116	-.00081
#3	.05274	.00783	250.06	.04766	-.11255	-.24865	92.433	-.00066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01317	.28113	-.12191	-.01915	273.08	-.95881	42.969	-.21922
Stddev	.00013	.01091	.00138	.00049	14.27	.03637	.181	.04176
%RSD	.99222	3.8811	1.1312	2.5351	5.2263	3.7936	.42023	19.050

#1	-.01332	.27291	-.12184	-.01868	265.25	-.92987	43.125	-.18813
#2	-.01307	.27696	-.12057	-.01912	264.43	-.94691	43.010	-.26668
#3	-.01311	.29351	-.12333	-.01964	289.55	-.99964	42.771	-.20283

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.719	.01410	3.0417	-.12459	34.722	1.5563	.00720	-.00684
Stddev	.351	.00095	.3447	.00130	.292	.1323	.00075	.00862
%RSD	.64181	6.7531	11.333	1.0444	.84149	8.5025	10.361	126.12

#1	54.543	.01305	3.3695	-.12309	34.659	1.6793	.00641	-.01035
#2	54.491	.01433	3.0732	-.12541	34.466	1.5734	.00731	-.01315
#3	55.124	.01492	2.6823	-.12528	35.040	1.4163	.00789	.00299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00707	.02544	.00157	.03560	-.01145	-4.068	.00847	7.0734
Stddev	.00317	.00279	.00054	.00149	.00154	.054	.00005	.7583
%RSD	44.801	10.984	34.223	4.1737	13.411	1.325	.54599	10.721

#1	-.00514	.02383	.00112	.03393	-.00991	-4.029	.00845	6.4679
#2	-.00535	.02383	.00142	.03612	-.01146	-4.046	.00852	7.9239
#3	-.01073	.02867	.00216	.03676	-.01298	-4.130	.00844	6.8282

Sample Name: LR CHECK 2 Acquired: 3/30/2019 13:29:31 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.6009
Stddev	1.0119
%RSD	18.066

#1	5.5892
#2	6.6186
#3	4.5950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.3	37824.	5184.3	78.236	3943.3
Stddev	20.0	179.	39.8	1.252	18.1
%RSD	.81074	.47437	.76790	1.5998	.45889

#1	2480.8	37943.	5188.8	79.000	3949.9
#2	2486.6	37618.	5221.6	76.792	3957.2
#3	2449.4	37911.	5142.4	78.917	3922.8

Sample Name: CCV02 Acquired: 3/30/2019 13:38:42 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1184	5.0277	5.1906	5.1116	5.1985	10.822	10.532	.26057	2.4899
Stddev	.0045	.0125	.0128	.0098	.0069	.055	.021	.00070	.0082
%RSD	.08723	.24863	.24664	.19107	.13342	.51008	.20343	.26797	.33075
#1	5.1143	5.0137	5.1773	5.1036	5.1911	10.781	10.531	.26121	2.4826
#2	5.1178	5.0376	5.1915	5.1225	5.1994	10.885	10.554	.26068	2.4881
#3	5.1231	5.0319	5.2029	5.1087	5.2049	10.800	10.511	.25982	2.4988
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.061	.97058	2.5317	1.2862	4.7430	2.5767	24.389	2.4383	1.1258
Stddev	.059	.00023	.0063	.0019	.0047	.0038	.158	.0083	.0062
%RSD	.24378	.02380	.25051	.14727	.09894	.14650	.64978	.33876	.54844
#1	24.034	.97045	2.5257	1.2840	4.7385	2.5801	24.325	2.4301	1.1215
#2	24.022	.97085	2.5310	1.2873	4.7426	2.5773	24.570	2.4384	1.1329
#3	24.129	.97044	2.5383	1.2872	4.7479	2.5726	24.273	2.4466	1.1230
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.955	2.4076	2.5935	24.346	4.8303	5.0231	4.8615	4.6715	4.6738
Stddev	.060	.0038	.0080	.088	.0103	.0148	.0057	.0234	.0184
%RSD	.24083	.15604	.30913	.36303	.21307	.29402	.11794	.50114	.39286
#1	24.897	2.4112	2.5862	24.265	4.8191	5.0119	4.8647	4.6900	4.6528
#2	25.017	2.4079	2.5923	24.440	4.8392	5.0174	4.8549	4.6452	4.6865
#3	24.950	2.4037	2.6021	24.332	4.8328	5.0398	4.8649	4.6793	4.6822
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9302	4.9183	5.012	5.0395	4.6026	4.8085			
Stddev	.0104	.0196	.004	.0188	.2909	.9706			
%RSD	.21156	.39879	.0860	.37227	6.3207	20.185			
#1	4.9374	4.9378	5.008	5.0569	4.6826	5.7688			
#2	4.9350	4.8986	5.017	5.0196	4.8451	3.8279			
#3	4.9182	4.9185	5.011	5.0421	4.2801	4.8288			

Sample Name: CCV02 Acquired: 3/30/2019 13:38:42 Type: Unk
Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.0	36938.	5132.7	78.031	3973.6
Stddev	1.6	150.	29.0	1.344	9.9
%RSD	.04520	.40588	.56449	1.7230	.24822
#1	3639.0	36797.	5099.9	78.575	3977.7
#2	3639.0	36921.	5154.7	79.018	3980.8
#3	3636.1	37096.	5143.6	76.500	3962.4

Sample Name: CCB02 Acquired: 3/30/2019 13:47:36 Type: Unk
Method: P4-ICP2(v3006) 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	-.00047	-.00085	.00192	.00295	.00008	-.00066	-.00159	.00005
Stddev	.00097	.00074	.00068	.00061	.00125	.00556	.00051	.00005
%RSD	204.38	87.705	35.233	20.624	1483.8	843.30	32.121	101.56

#1	-.00092	-.00067	.00191	.00346	-.00018	.00048	-.00115	.00007
#2	.00064	-.00166	.00125	.00228	-.00101	-.00670	-.00145	-.00001
#3	-.00113	-.00021	.00260	.00312	.00144	.00425	-.00215	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00614	.00030	.00014	.00670	-.01524	-.00096	-.06632
Stddev	.00009	.01575	.00061	.00023	.00027	.00158	.00007	.05191
%RSD	444.65	256.66	203.57	164.58	3.9988	10.377	7.3356	78.275

#1	-.00007	-.00836	-.00002	.00034	.00697	-.01437	-.00099	-.05502
#2	.00002	-.02066	-.00009	.00021	.00643	-.01707	-.00101	-.02099
#3	.00011	.01061	.00100	-.00012	.00671	-.01429	-.00088	-.12295

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00017	.06982	.00029	.00369	.03050	.00002	.01192
Stddev	.00057	.00050	.01767	.00024	.00047	.01404	.00012	.01018
%RSD	83.452	294.14	25.308	81.749	12.822	46.016	705.36	85.408

#1	.00050	-.00065	.09007	.00030	.00421	.04266	.00016	.00837
#2	.00133	.00034	.06188	.00052	.00358	.03371	-.00005	.00398
#3	.00023	-.00019	.05752	.00005	.00328	.01514	-.00006	.02339

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00410	.00434	-.00249	.01155	-.00357	.0005	.00001	4.6912
Stddev	.00017	.00051	.00126	.00200	.00073	.0007	.00009	.1195
%RSD	4.1059	11.753	50.571	17.326	20.425	143.7	1322.8	2.5465

#1	-.00419	.00375	-.00131	.01379	-.00349	.0001	-.00001	4.8134
#2	-.00420	.00470	-.00233	.01090	-.00434	.0001	-.00008	4.5746
#3	-.00391	.00456	-.00381	.00995	-.00289	.0014	.00011	4.6857

Sample Name: CCB02 Acquired: 3/30/2019 13:47:36 Type: Unk
 Method: P4-ICP2(v3006) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9225
 Stddev .4007
 %RSD 6.7661

#1 5.8892
 #2 6.3389
 #3 5.5395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.4	36730.	5094.5	79.328	4399.7
Stddev	2.5	44.	20.8	3.104	6.6
%RSD	.06605	.12062	.40753	3.9133	.14989

#1	3728.8	36679.	5079.1	81.517	4393.1
#2	3733.2	36755.	5118.1	75.775	4399.9
#3	3729.2	36756.	5086.3	80.692	4406.3