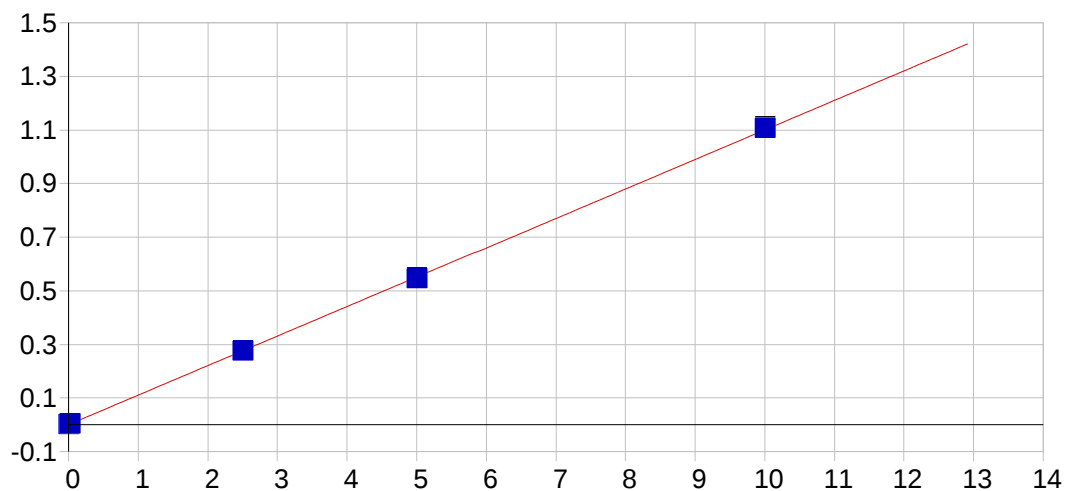


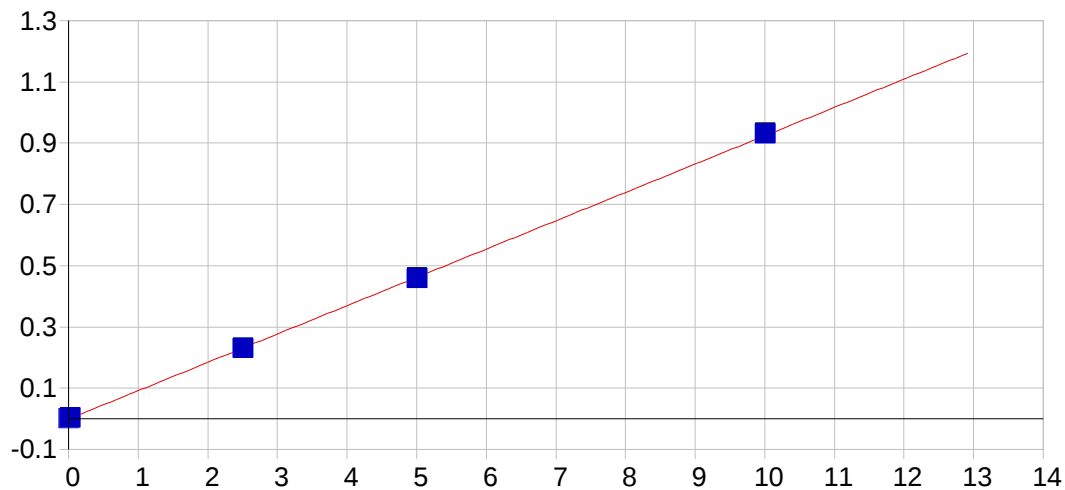


As 189.042 {478}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000319 Re-Slope: 1.000000
 A1 (Gain): 0.110120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003269
 Predicted MQL: 0.010898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.02000	.01974	-.000	-1.31	.00185	.000	1
S3	2.5000	2.4994	-.001	-.022	.27490	.001	1
S4	5.0000	4.9526	-.047	-.947	.54503	.003	1
S5	10.000	10.048	.048	.482	1.1061	.004	1



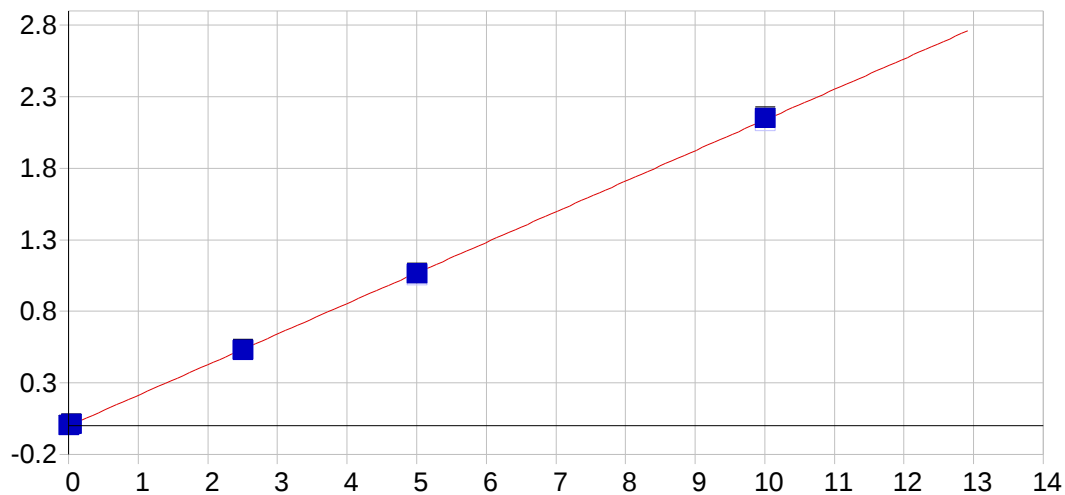
As 189.042 {479}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000509 Re-Slope: 1.000000

A1 (Gain): 0.092475 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002762
 Predicted MQL: 0.009208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00051	.000	1
S1	.02000	.02259	.003	12.9	.00158	.000	1
S3	2.5000	2.4875	-.012	-.499	.22953	.001	1
S4	5.0000	4.9571	-.043	-.859	.45790	.003	1
S5	10.000	10.053	.053	.528	.92914	.003	1

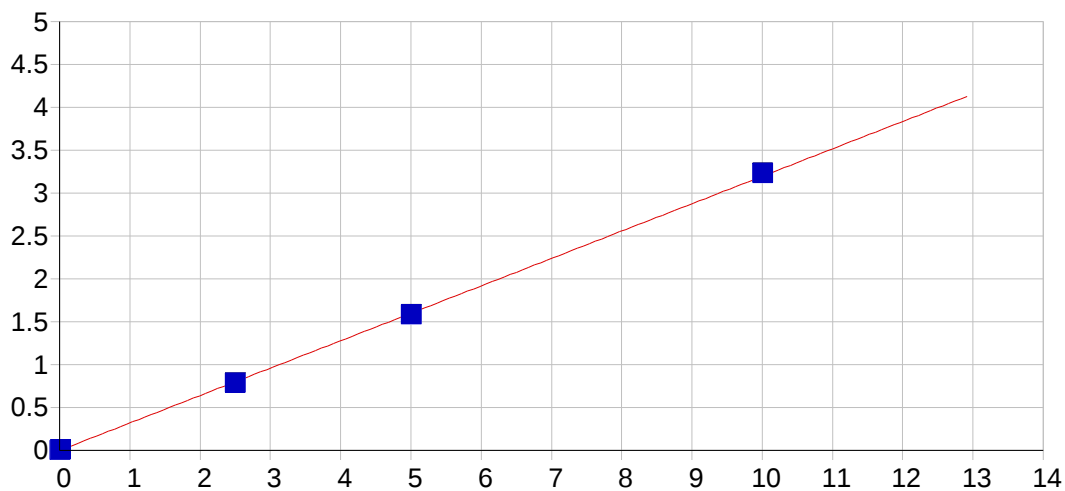


TI 190.856 {477}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.213769 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001479
 Predicted MQL: 0.004930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.04000	.04121	.001	3.02	.00859	.000	1
S3	2.5000	2.4826	-.017	-.695	.52523	.001	1
S4	5.0000	4.9608	-.039	-.785	1.0495	.003	1
S5	10.000	10.055	.055	.554	2.1276	.006	1

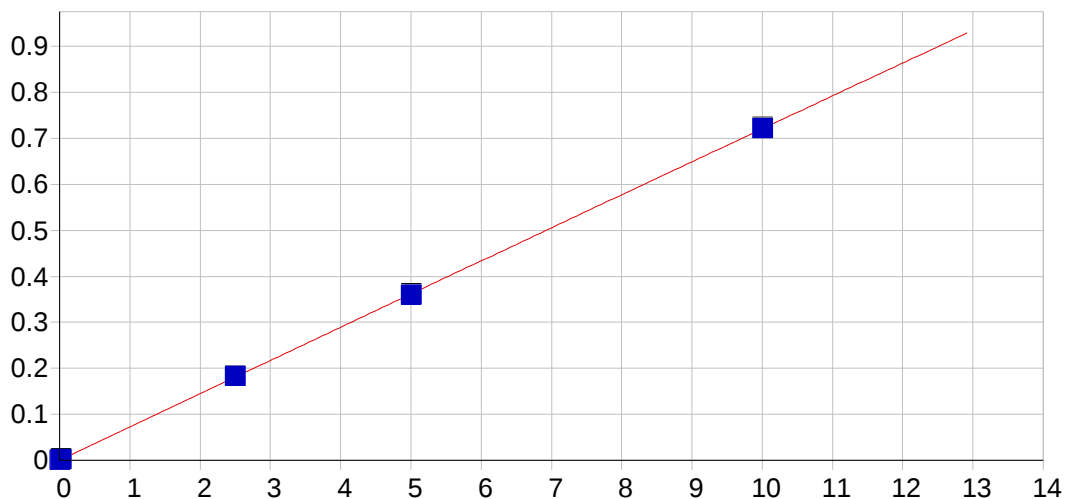


Pb 220.353 {453}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.319594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001501
 Predicted MQL: 0.005005

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.01200	.01124	-.001	-6.31	.00387	.000	1
S3	2.5000	2.4566	-.043	-1.74	.78412	.001	1
S4	5.0000	4.9432	-.057	-1.14	1.5775	.006	1
S5	10.000	10.101	.101	1.01	3.2231	.003	1



Se 196.090 {472}

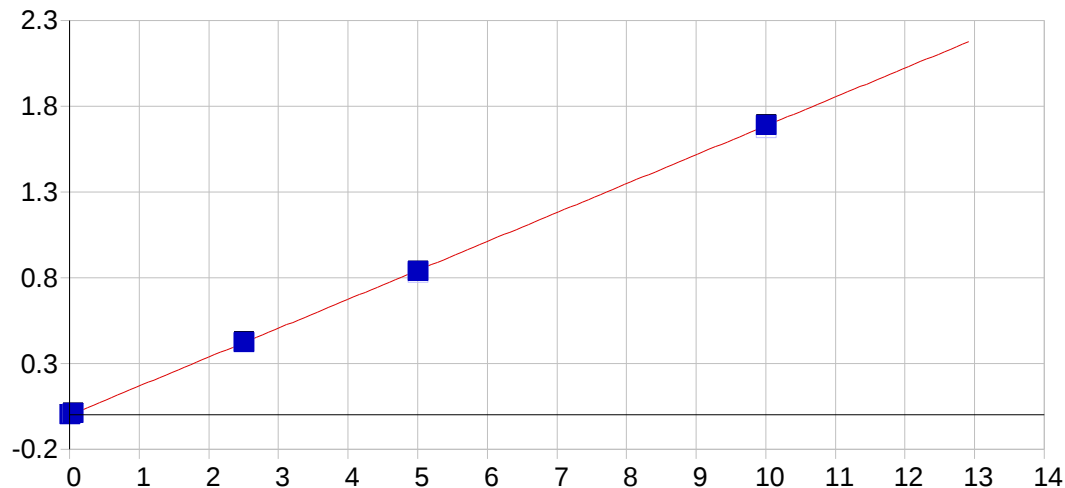
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.072454 Y-int: 0.000000

A2 (Curvature): -0.000042
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000018
 Predicted MDL: 0.003886
 Predicted MQL: 0.012955

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.02000	.02459	.005	22.9	.00205	.000	1
S3	2.5000	2.5120	.012	.479	.18202	.001	1
S4	5.0000	4.9728	-.027	-.545	.35957	.002	1
S5	10.000	10.011	.011	.107	.72146	.002	1



Sb 206.833 {463}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

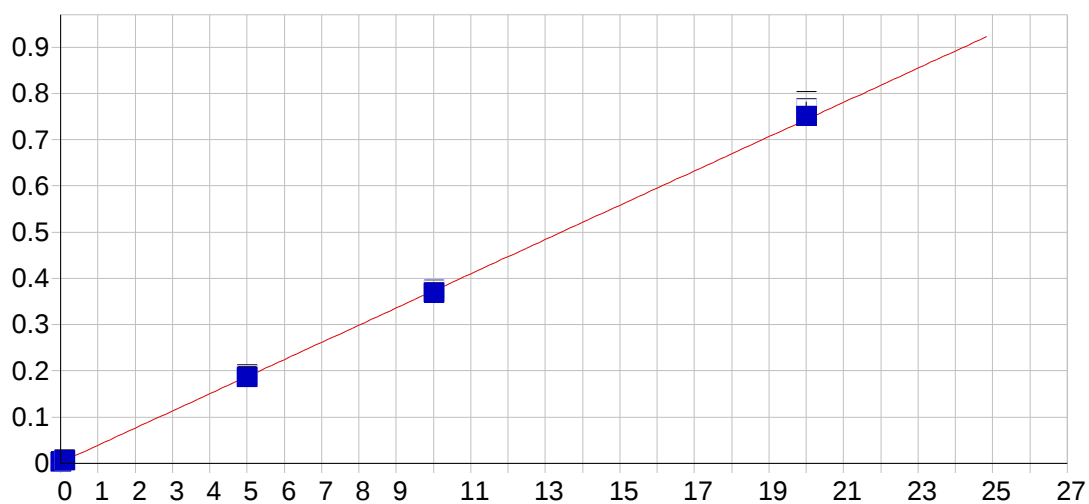
Weighting: 1/Conc

A0 (Offset): 0.000122
 A1 (Gain): 0.168559
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000037
 Predicted MDL: 0.002347
 Predicted MQL: 0.007822

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.05000	.05308	.003	6.17	.00886	.000	1
S3	2.5000	2.5135	.014	.541	.41906	.001	1
S4	5.0000	4.9635	-.036	-.729	.82730	.002	1
S5	10.000	10.020	.020	.199	1.6701	.005	1

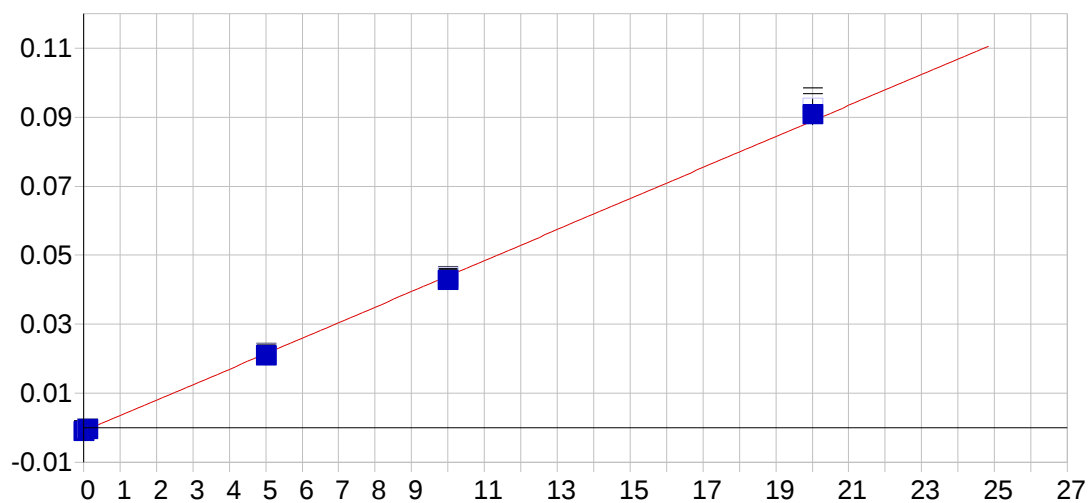


AI 308.215 {109}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002180 Re-Slope: 1.000000
 A1 (Gain): 0.037065 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.004274
 Predicted MQL: 0.014245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00218	.000	1
S1	.10000	.10172	.002	1.72	.00621	.000	1
S3	5.0000	4.9589	-.041	-.822	.18967	.001	1
S4	10.000	9.8570	-.143	-1.43	.37491	.000	1
S5	20.000	20.182	.182	.911	.76499	.016	1



AI 309.271 {109}

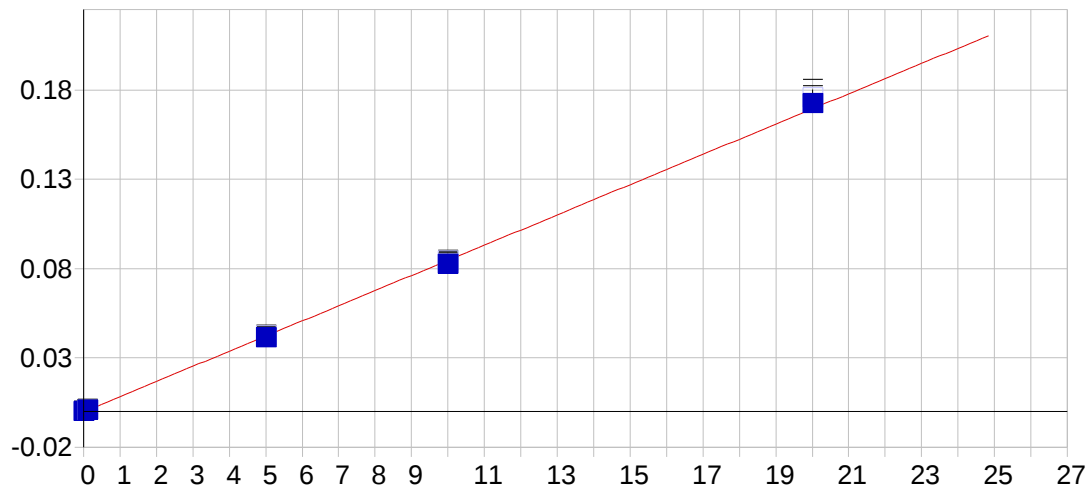
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001010 Re-Slope: 1.000000
 A1 (Gain): 0.004495 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667
 Std Error of Est: 0.000009
 Predicted MDL: 0.028896
 Predicted MQL: 0.096320

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00101	.000	1
S1	.10000	.11878	.019	18.8	-.00045	.000	1
S3	5.0000	4.8545	-.146	-2.91	.02126	.000	1
S4	10.000	9.7146	-.285	-2.85	.04356	.000	1
S5	20.000	20.411	.411	2.06	.09254	.003	1



AI 396.152 { 85}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

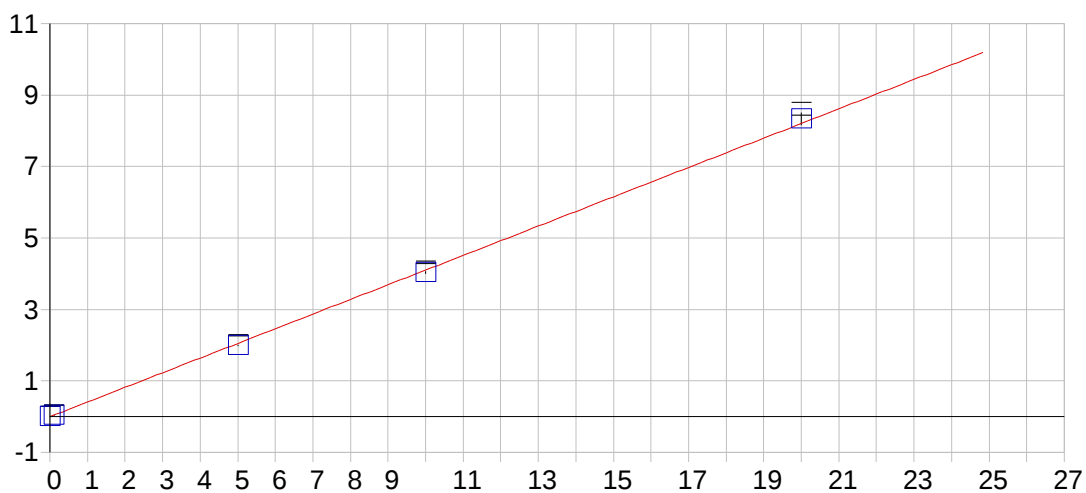
Weighting: 1/Conc

A0 (Offset): -0.000088
 A1 (Gain): 0.008473
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776
 Std Error of Est: 0.000014
 Predicted MDL: 0.019289
 Predicted MQL: 0.064297

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	-.00009	.000	1
S1	.10000	.11594	.016	15.9	.00095	.000	1
S3	5.0000	4.8902	-.110	-2.20	.04219	.001	1
S4	10.000	9.7585	-.242	-2.42	.08429	.000	1
S5	20.000	20.335	.335	1.67	.17559	.005	1

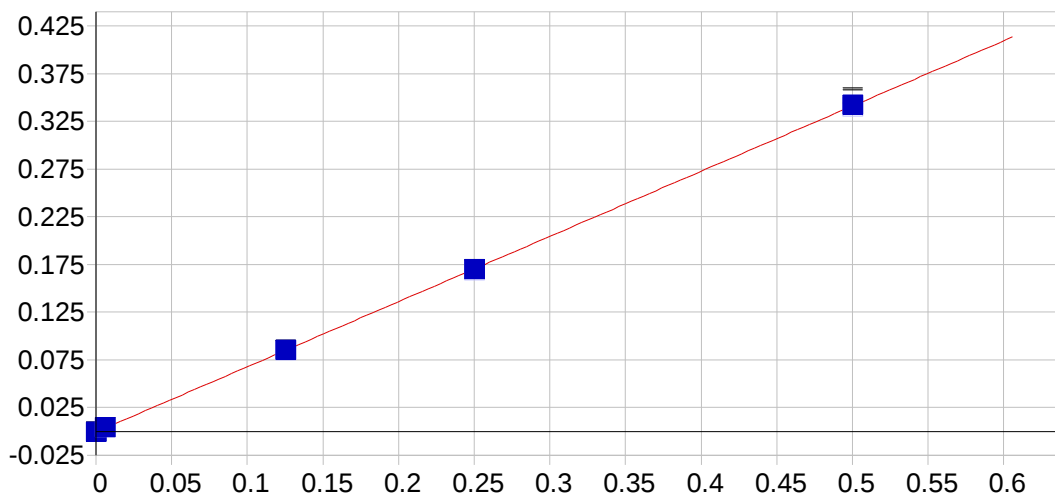


Ba 493.409 { 68}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002093 Re-Slope: 1.000000
 A1 (Gain): 0.410364 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000557
 Predicted MDL: 0.001115
 Predicted MQL: 0.003717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00209	.000	1
S1	.10000	.10169	.002	1.69	.03964	.001	1
S3	5.0000	4.8650	-.135	-2.70	1.9943	.023	1
S5	20.000	20.302	.302	1.51	8.3289	.177	1
S4	10.000	9.8317	-.168	-1.68	4.0325	.037	1



Be 234.861 {144}

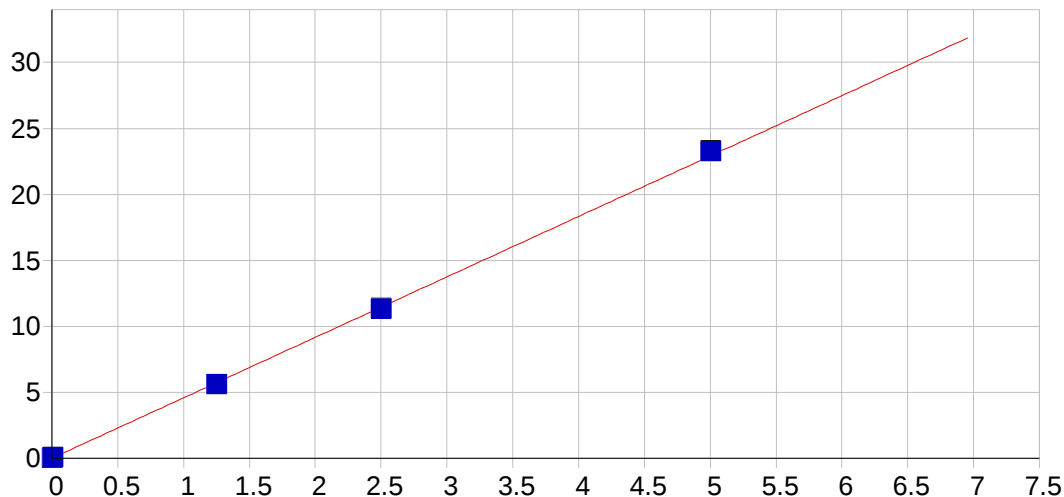
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000591 Re-Slope: 1.000000
 A1 (Gain): 0.683573 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000012
 Predicted MDL: 0.000118
 Predicted MQL: 0.000394

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00059	.000	1
S1	.00600	.00634	.000	5.59	.00370	.000	1
S3	.12500	.12488	-.000	-.096	.08424	.000	1
S4	.25000	.24862	-.001	-.552	.16828	.000	1
S5	.50000	.50116	.001	.233	.33984	.007	1



Cd 226.502 {449}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

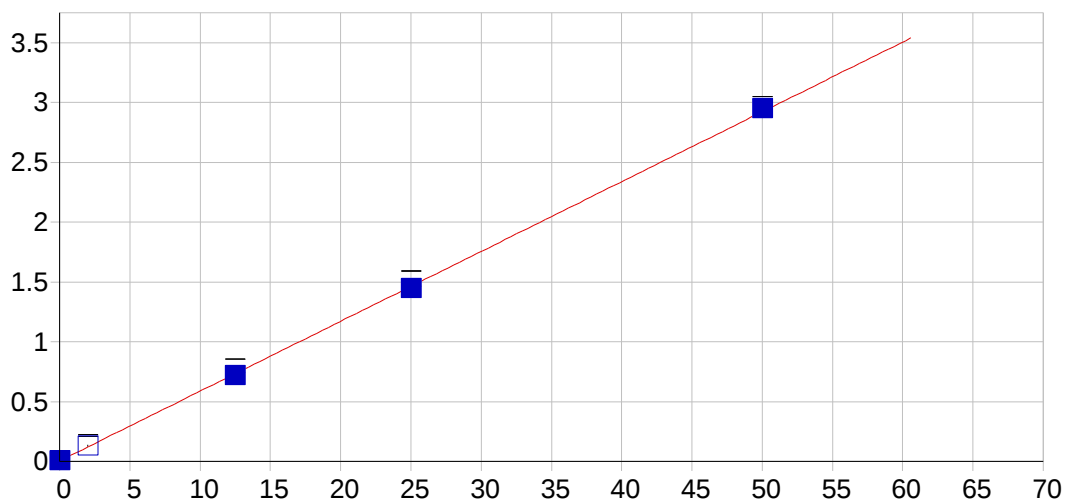
Weighting: 1/Conc

A0 (Offset): 0.003595
 A1 (Gain): 4.580980
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000708
 Predicted MDL: 0.000113
 Predicted MQL: 0.000377

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	.00360	.001	1
S1	.00600	.00592	-.000	-1.40	.03075	.000	1
S3	1.2500	1.2182	-.032	-2.55	5.5852	.008	1
S4	2.5000	2.4616	-.038	-1.53	11.283	.046	1
S5	5.0000	5.0703	.070	1.41	23.236	.033	1

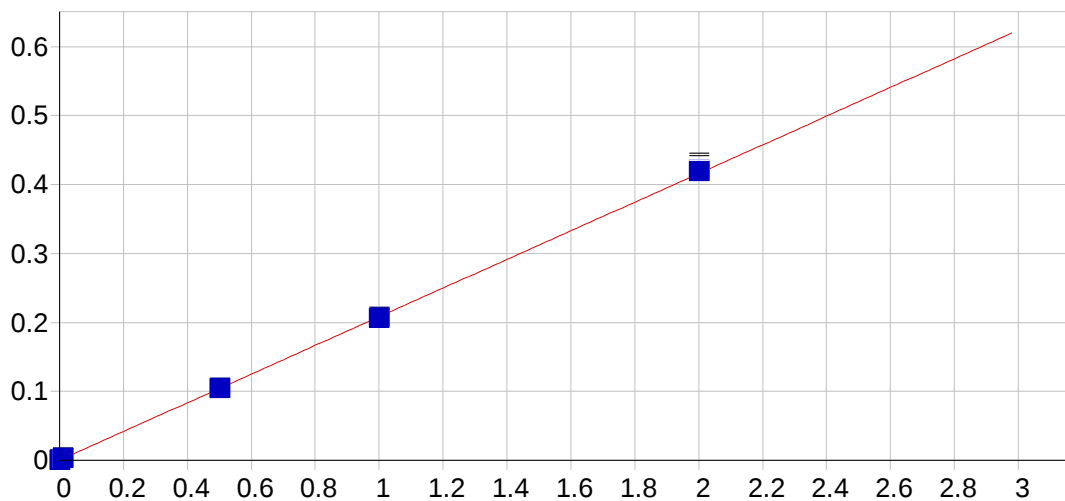


Ca 373.690 { 90}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003532 Re-Slope: 1.000000
 A1 (Gain): 0.058366 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000595
 Predicted MDL: 0.020850
 Predicted MQL: 0.069500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1686	.169	8.43	.13010	.007	1
S0	.00000	-.00011	-.000	.000	.00353	.001	1
S3	12.500	12.198	-.302	-2.41	.71589	.057	1
S4	25.000	24.647	-.353	-1.41	1.4429	.063	1
S5	50.000	50.486	.486	.972	2.9517	.012	1



Cr 267.716 {126}

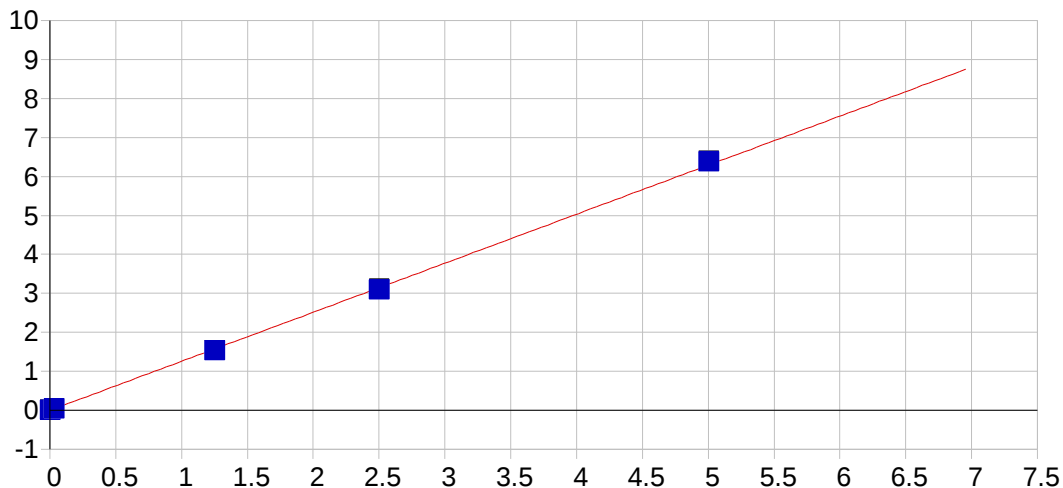
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000351 Re-Slope: 1.000000
 A1 (Gain): 0.207825 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000013
 Predicted MDL: 0.000557
 Predicted MQL: 0.001856

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.01000	.01085	.001	8.47	.00262	.000	1
S3	.50000	.49768	-.002	-.463	.10460	.000	1
S4	1.0000	.99010	-.010	-.990	.20775	.000	1
S5	2.0000	2.0114	.011	.568	.42163	.009	1



Co 228.616 {447}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

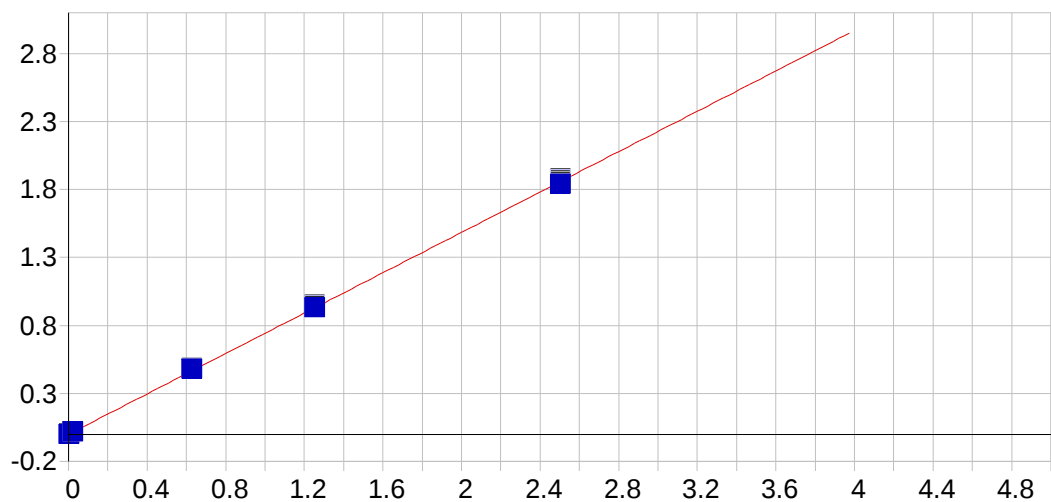
Weighting: 1/Conc

A0 (Offset): -0.000255
 A1 (Gain): 1.257791
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000446
 Predicted MDL: 0.000332
 Predicted MQL: 0.001107

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.03000	.02964	-.000	-1.19	.03678	.000	1
S3	1.2500	1.2182	-.032	-2.54	1.5332	.003	1
S4	2.5000	2.4597	-.040	-1.61	3.0960	.015	1
S5	5.0000	5.0724	.072	1.45	6.3847	.003	1

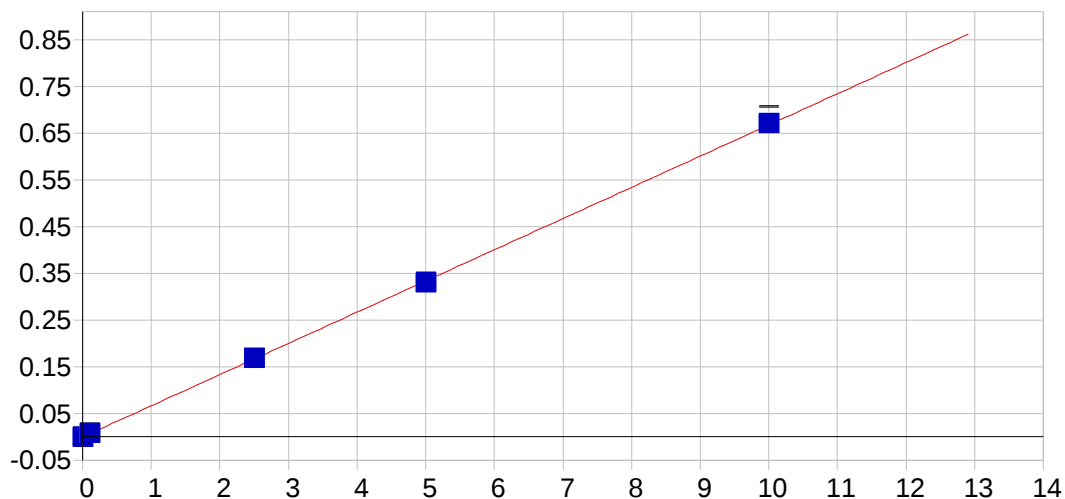


Cu 224.700 {450}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000358 Re-Slope: 1.000000
 A1 (Gain): 0.742356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000695
 Predicted MQL: 0.002315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.02000	.02211	.002	10.6	.01629	.000	1
S3	.62500	.64275	.018	2.84	.48429	.001	1
S4	1.2500	1.2521	.002	.171	.94417	.005	1
S5	2.5000	2.4780	-.022	-.880	1.8692	.007	1



Fe 240.488 {140}

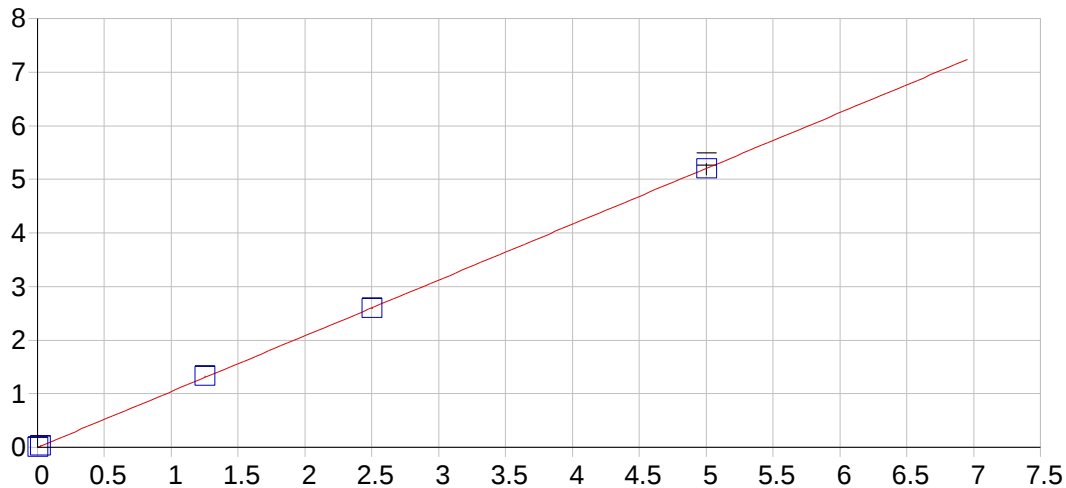
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000087 Re-Slope: 1.000000
 A1 (Gain): 0.066764 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000033
 Predicted MDL: 0.001283
 Predicted MQL: 0.004277

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00009	.000	1
S1	.10000	.10754	.008	7.54	.00713	.000	1
S3	2.5000	2.5156	.016	.625	.16849	.000	1
S4	5.0000	4.9420	-.058	-1.16	.33111	.000	1
S5	10.000	10.035	.035	.349	.67238	.014	1



Mn 257.610 {131}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

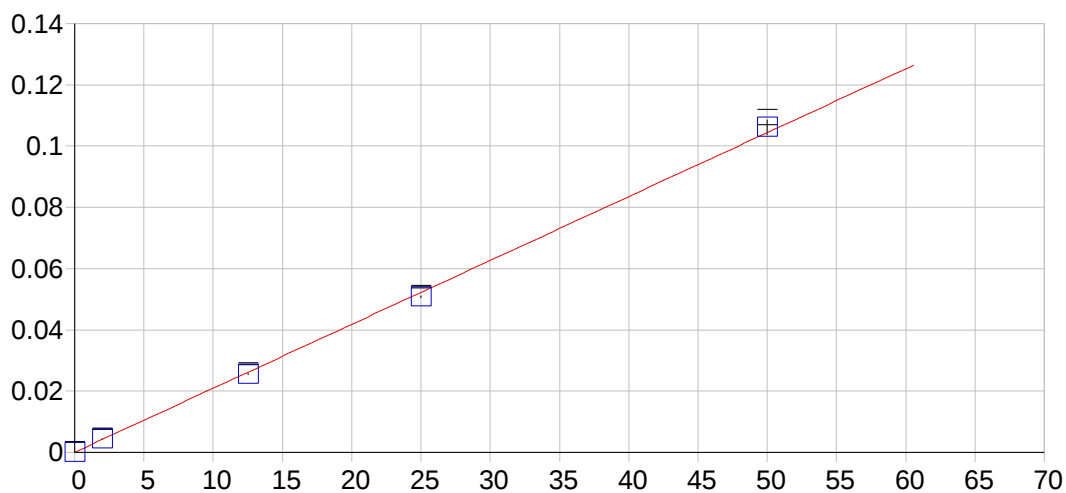
Weighting: 1/Conc

A0 (Offset): 0.000450
 A1 (Gain): 1.040484
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000159
 Predicted MDL: 0.000092
 Predicted MQL: 0.000306

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	.00045	.000	1
S1	.02000	.02236	.002	11.8	.02372	.001	1
S3	1.2500	1.2709	.021	1.68	1.3228	.002	1
S4	2.5000	2.4908	-.009	-.368	2.5921	.003	1
S5	5.0000	4.9859	-.014	-.282	5.1882	.114	1

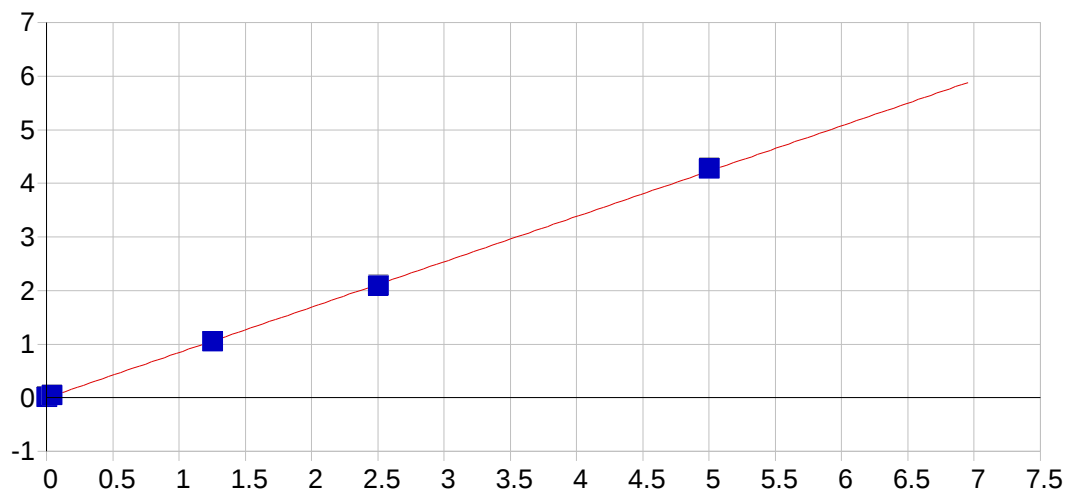


Mg 279.079 {121}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.002087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.035971
 Predicted MQL: 0.119905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1174	.117	5.87	.00448	.000	1
S0	.00000	-.00005	-.000	.000	.00006	.000	1
S3	12.500	12.215	-.285	-2.28	.02555	.000	1
S4	25.000	24.316	-.684	-2.74	.05080	.000	1
S5	50.000	50.852	.852	1.70	.10617	.002	1



Ni 231.604 {445}

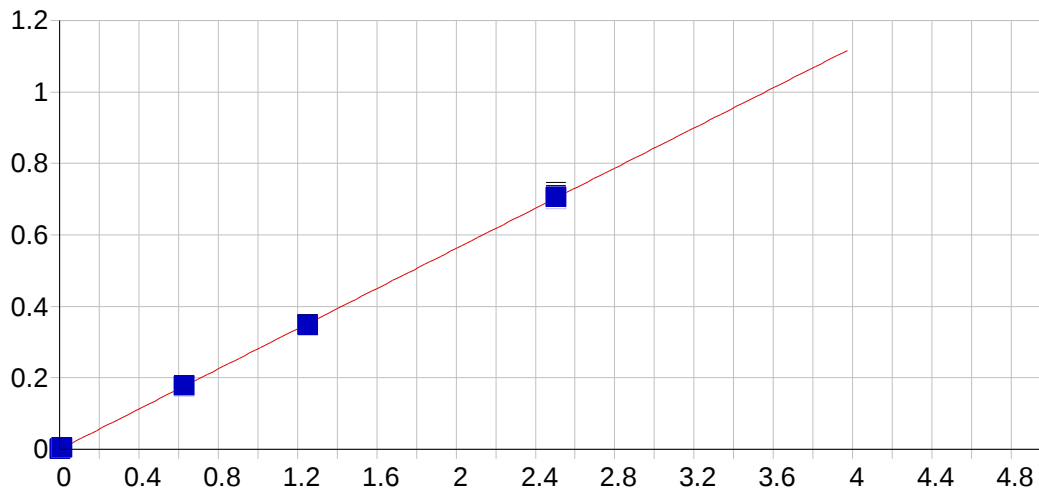
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002171 Re-Slope: 1.000000
 A1 (Gain): 0.845829 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000231
 Predicted MDL: 0.000547
 Predicted MQL: 0.001824

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00217	.000	1
S1	.04000	.04156	.002	3.89	.03300	.000	1
S3	1.2500	1.2327	-.017	-1.39	1.0416	.001	1
S4	2.5000	2.4690	-.031	-1.24	2.0885	.007	1
S5	5.0000	5.0468	.047	.936	4.2712	.001	1



Ag 328.068 {103}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

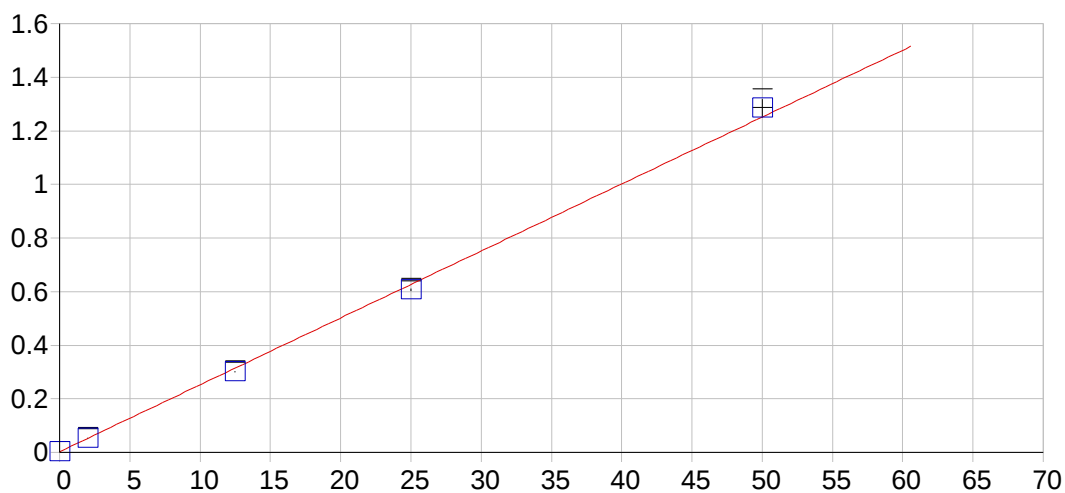
Weighting: 1/Conc

A0 (Offset): 0.000160
 A1 (Gain): 0.280955
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000019
 Predicted MDL: 0.000692
 Predicted MQL: 0.002308

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	.00016	.000	1
S1	.01000	.01056	.001	5.61	.00307	.000	1
S3	.62500	.62807	.003	.491	.17462	.000	1
S4	1.2500	1.2348	-.015	-1.21	.34310	.000	1
S5	2.5000	2.5115	.012	.461	.69779	.012	1

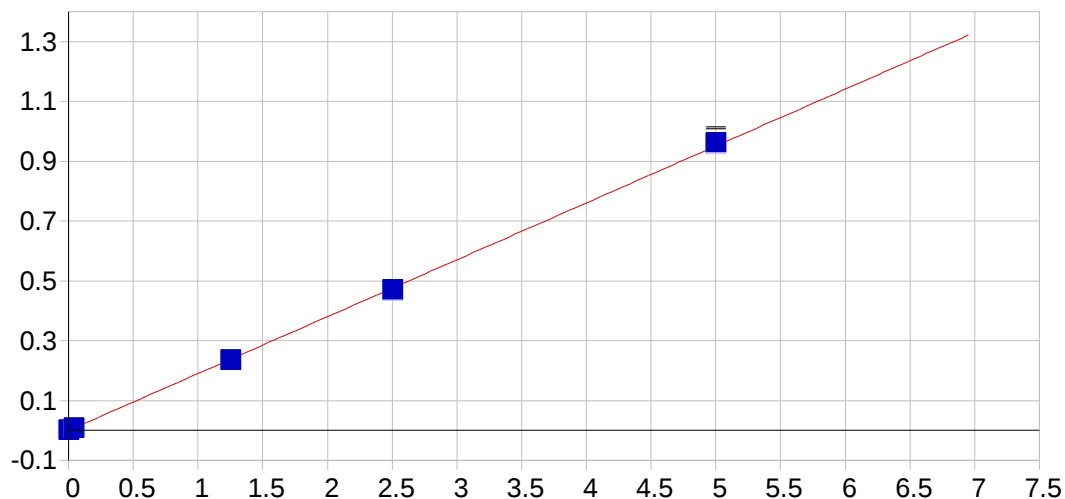


Na 589.592 { 57}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002593 Re-Slope: 1.000000
 A1 (Gain): 0.024968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999536 Status: OK.
 Std Error of Est: 0.000415
 Predicted MDL: 0.014754
 Predicted MQL: 0.049181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0049	.005	.246	.05265	.002	1
S0	.00000	.00009	.000	.000	.00260	.000	1
S3	12.500	11.964	-.536	-4.28	.30133	.003	1
S4	25.000	24.207	-.793	-3.17	.60701	.004	1
S5	50.000	51.323	1.32	2.65	1.2841	.035	1



V 292.402 {115}

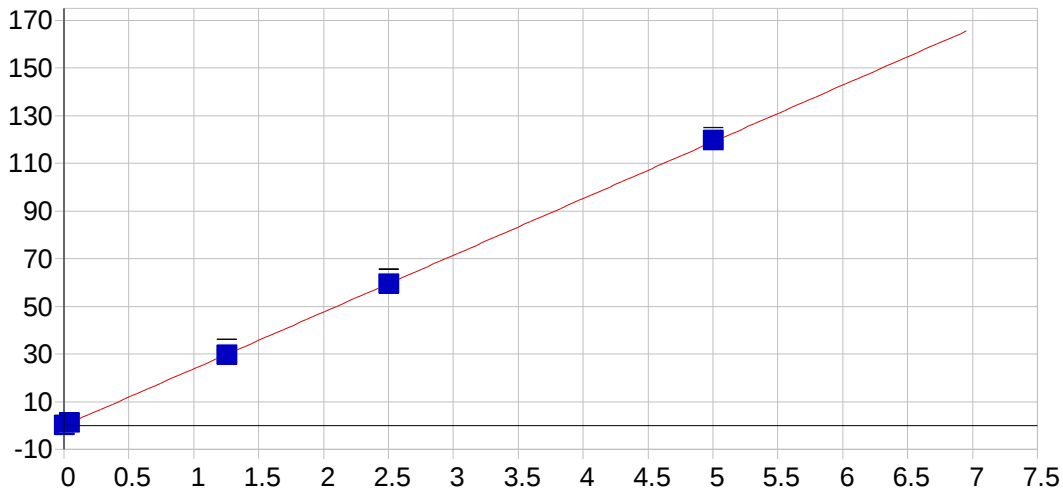
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.190151 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000056
 Predicted MDL: 0.000646
 Predicted MQL: 0.002153

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.04000	.04072	.001	1.80	.00756	.000	1
S3	1.2500	1.2343	-.016	-1.26	.23309	.000	1
S4	2.5000	2.4629	-.037	-1.49	.46515	.000	1
S5	5.0000	5.0521	.052	1.04	.95439	.020	1



Zn 206.200 {163}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

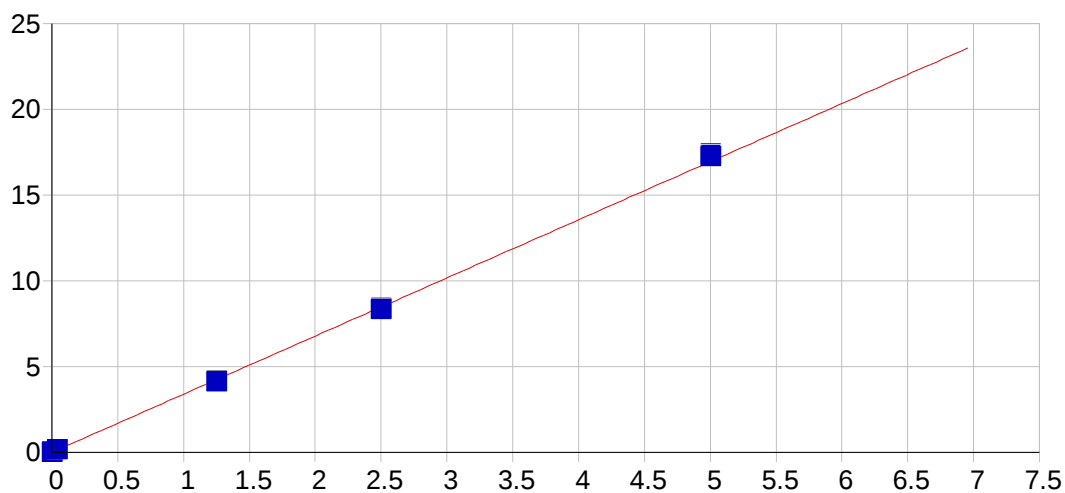
Weighting: 1/Conc

A0 (Offset): -0.010908
 A1 (Gain): 23.799782
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.004439
 Predicted MDL: 0.000433
 Predicted MQL: 0.001442

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	-.01099	.014	1
S1	.04000	.04377	.004	9.43	1.0371	.026	1
S3	1.2500	1.2399	-.010	-.808	29.678	2.28	1
S4	2.5000	2.4906	-.009	-.376	59.625	1.79	1
S5	5.0000	5.0157	.016	.314	120.08	.621	1

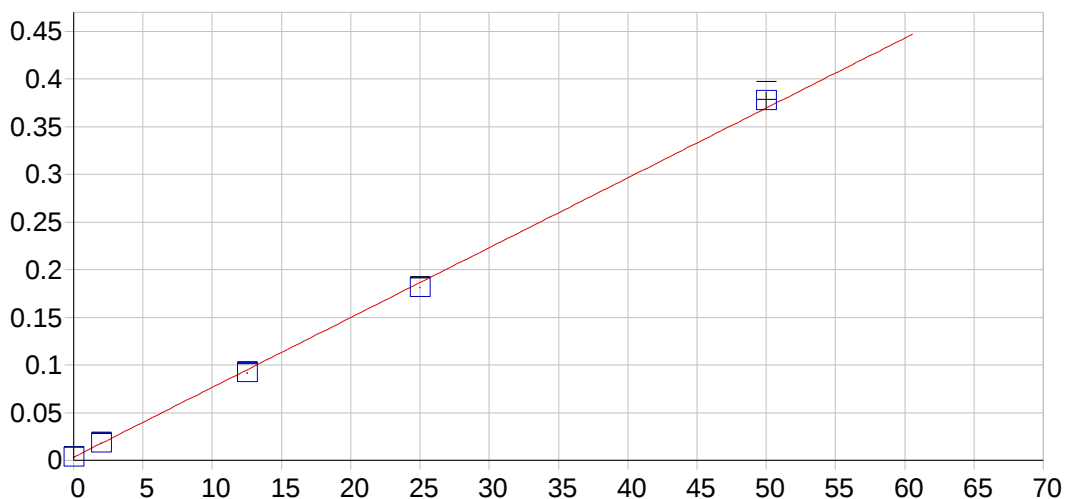


Zn 213.856 {458}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003808 Re-Slope: 1.000000
 A1 (Gain): 3.389243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.001707
 Predicted MDL: 0.000121
 Predicted MQL: 0.000405

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00381	.000	1
S1	.04000	.04006	.000	.143	.14052	.001	1
S3	1.2500	1.2089	-.041	-3.29	4.1282	.002	1
S4	2.5000	2.4527	-.047	-1.89	8.3706	.034	1
S5	5.0000	5.0884	.088	1.77	17.358	.033	1



K 766.490 {44}

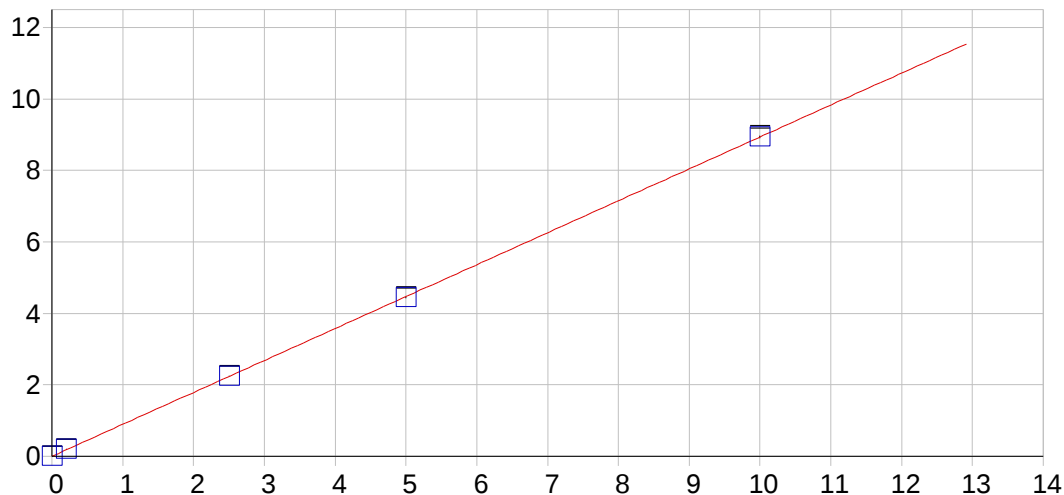
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003201 Re-Slope: 1.000000
 A1 (Gain): 0.007328 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999686
 Std Error of Est: 0.000100
 Predicted MDL: 0.050648
 Predicted MQL: 0.168828

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0586	.059	2.93	.01829	.001	1
S0	.00000	.00002	.000	.000	.00320	.000	1
S3	12.500	12.090	-.410	-3.28	.09180	.001	1
S4	25.000	24.306	-.694	-2.78	.18131	.001	1
S5	50.000	51.045	1.05	2.09	.37726	.010	1



Mo 202.030 {467}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

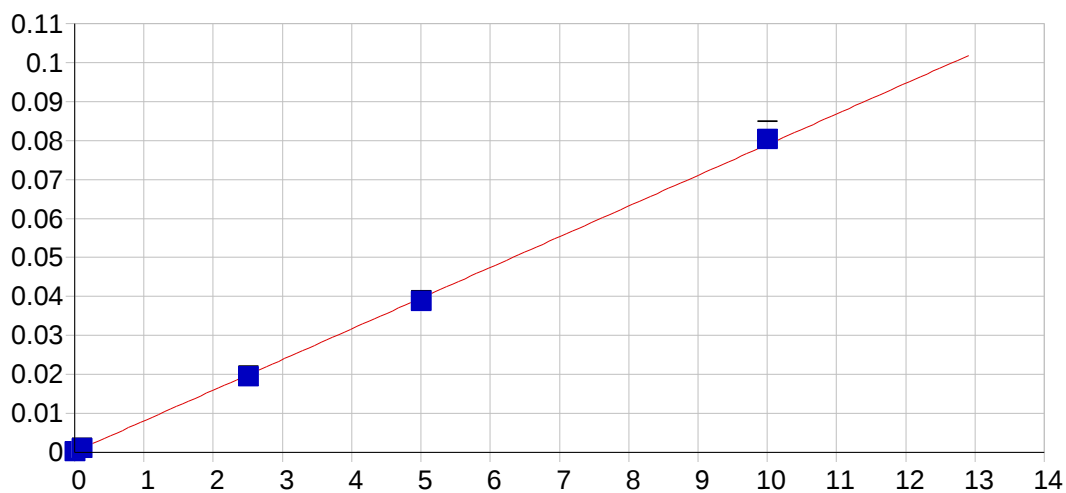
Weighting: 1/Conc

A0 (Offset): 0.000638
 A1 (Gain): 0.893572
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000586
 Predicted MDL: 0.000362
 Predicted MQL: 0.001206

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	.00063	.000	1
S1	.20000	.21453	.015	7.27	.19234	.000	1
S3	2.5000	2.5141	.014	.563	2.2471	.005	1
S4	5.0000	4.9721	-.028	-.559	4.4435	.020	1
S5	10.000	9.9993	-.001	-.007	8.9358	.030	1

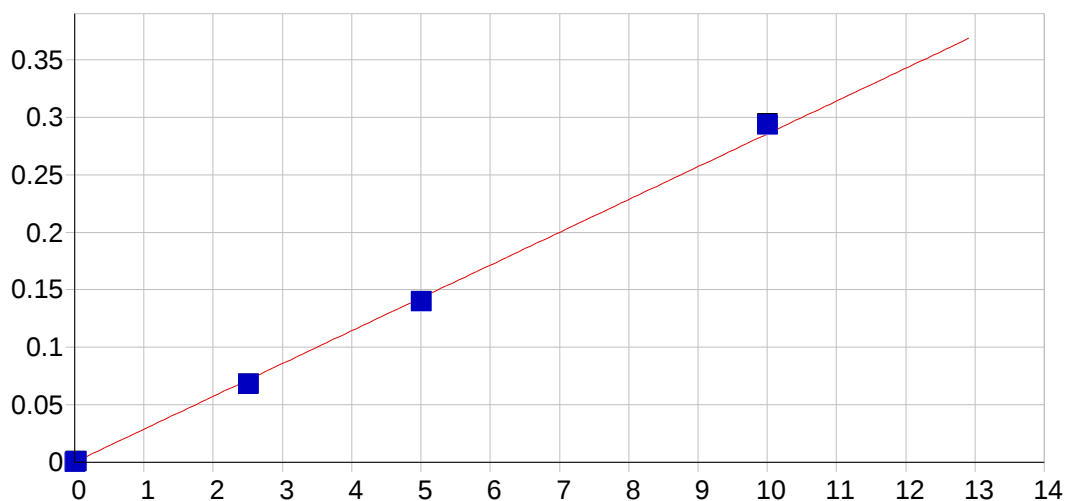


B 249.678 {135}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.007874 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.007491
 Predicted MQL: 0.024969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.10000	.09956	-.000	-.440	.00097	.000	1
S3	2.5000	2.4313	-.069	-2.75	.01929	.000	1
S4	5.0000	4.8962	-.104	-2.08	.03865	.000	1
S5	10.000	10.173	.173	1.73	.08011	.002	1



S 182.034 {485}

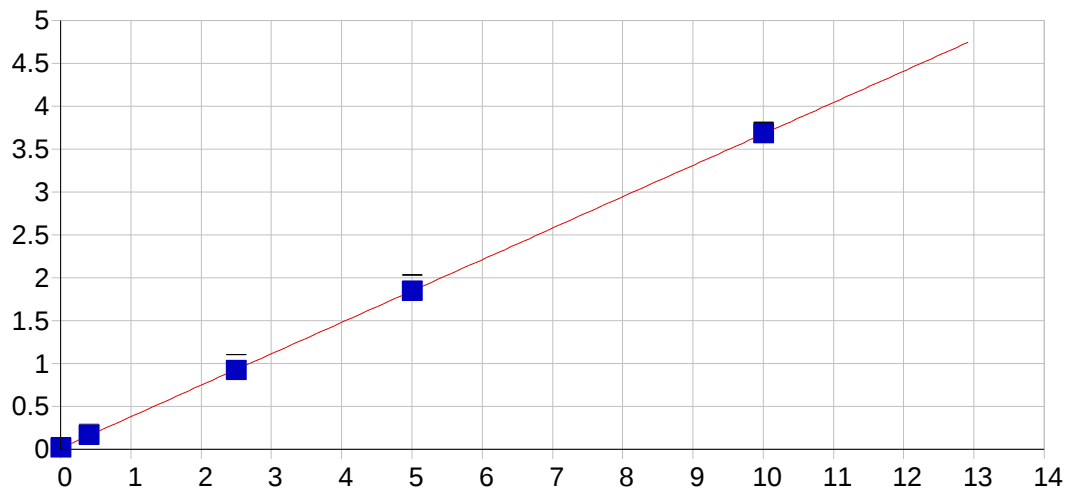
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.028524 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999372
 Std Error of Est: 0.000024
 Predicted MDL: 0.007137
 Predicted MQL: 0.023790

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00025	.000	1
S1	.02000	.00967	-.010	-51.6	.00051	.000	1
S3	2.5000	2.3702	-.130	-5.19	.06778	.000	1
S4	5.0000	4.8773	-.123	-2.45	.13921	.000	1
S5	10.000	10.263	.263	2.63	.29266	.002	1



Si 288.158 {117}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

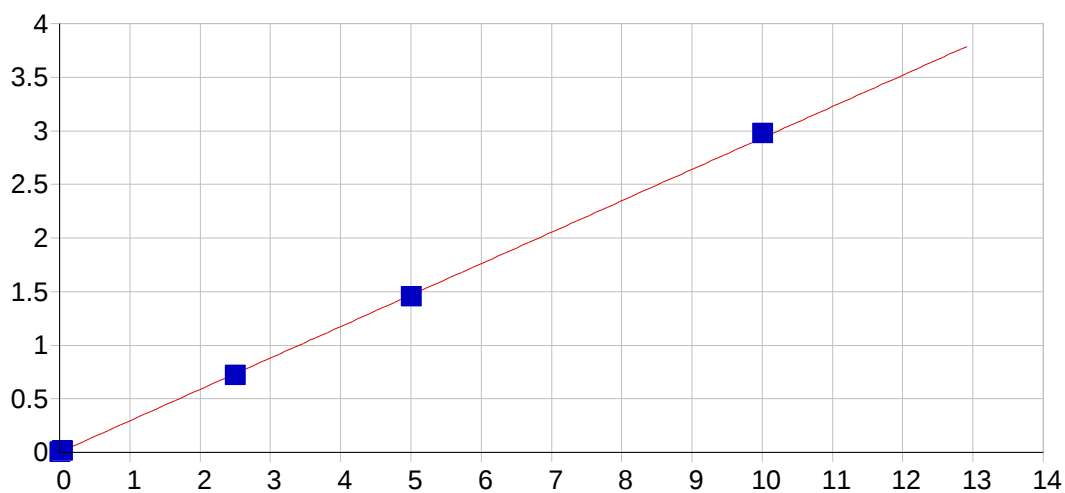
Weighting: 1/Conc

A0 (Offset): 0.014306
 A1 (Gain): 0.366328
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000277
 Predicted MDL: 0.003248
 Predicted MQL: 0.010826

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	.01430	.002	1
S1	.40000	.41445	.014	3.61	.16601	.003	1
S3	2.5000	2.4717	-.028	-1.13	.91928	.067	1
S4	5.0000	5.0002	.000	.004	1.8450	.069	1
S5	10.000	10.014	.014	.136	3.6806	.015	1

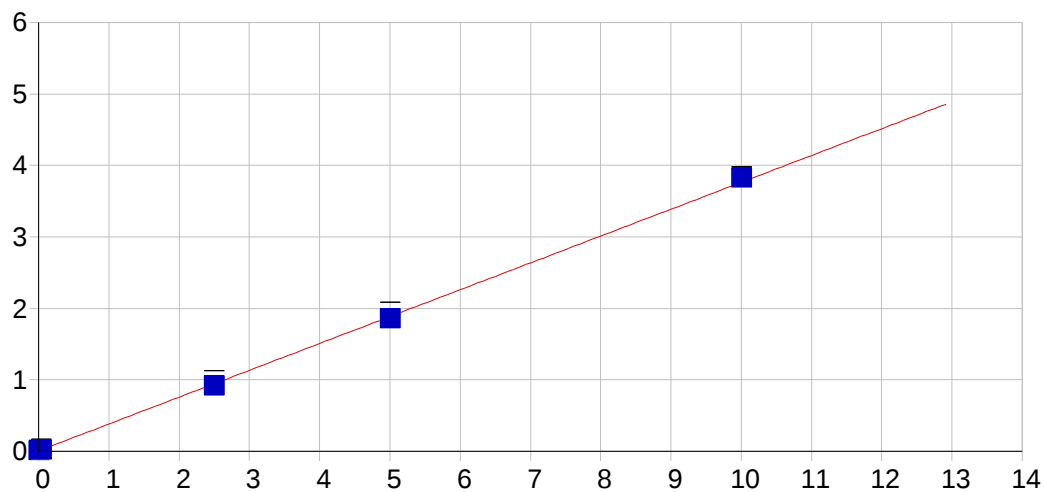


Sn 189.989 {477}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001367 Re-Slope: 1.000000
 A1 (Gain): 0.293148 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.000869
 Predicted MQL: 0.002898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00137	.000	1
S1	.04000	.03578	-.004	-10.6	.01185	.000	1
S3	2.5000	2.4307	-.069	-2.77	.71404	.001	1
S4	5.0000	4.9407	-.059	-1.19	1.4500	.002	1
S5	10.000	10.133	.133	1.33	2.9723	.001	1



Ti 336.121 {100}

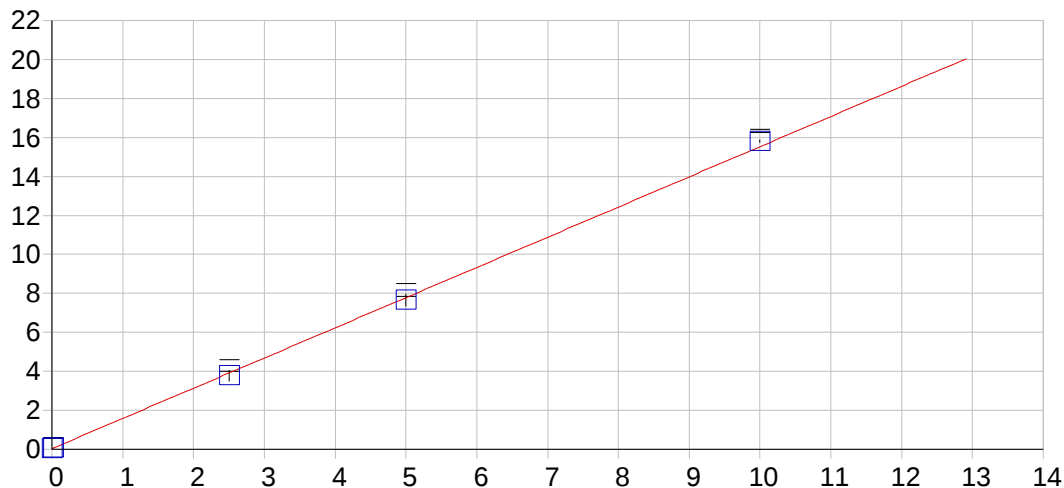
Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006826 Re-Slope: 1.000000
 A1 (Gain): 0.375635 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000242
 Predicted MDL: 0.002345
 Predicted MQL: 0.007815

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00683	.000	1
S1	.04000	.04069	.001	1.72	.02210	.001	1
S3	2.5000	2.4175	-.083	-3.30	.91479	.069	1
S4	5.0000	4.9266	-.073	-1.47	1.8572	.084	1
S5	10.000	10.155	.155	1.55	3.8210	.018	1



Li 670.784 { 50}

Date of Fit: 10/10/2019 11:00:35

Type of Fit: Linear

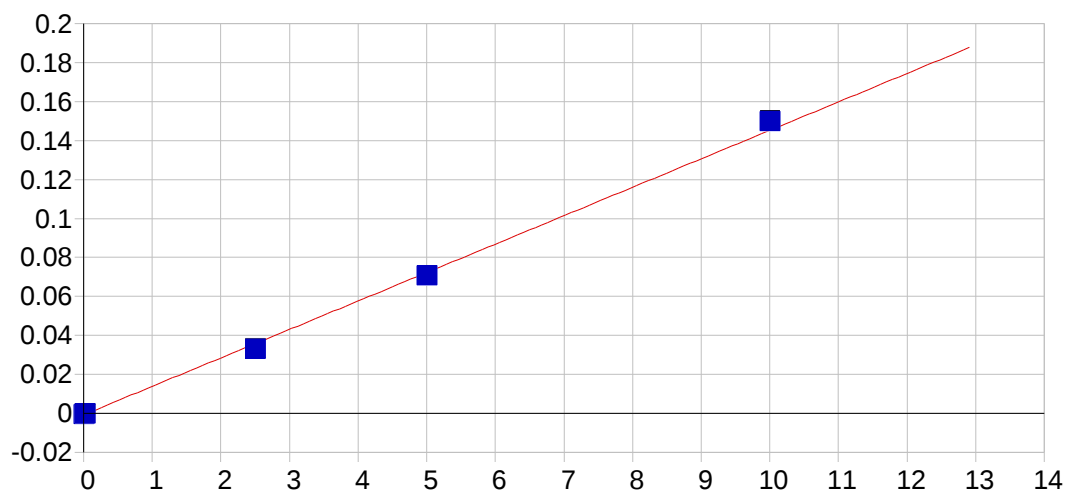
Weighting: 1/Conc

A0 (Offset): 0.035888
 A1 (Gain): 1.549198
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766
 Std Error of Est: 0.000810
 Predicted MDL: 0.002202
 Predicted MQL: 0.007339

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	.03589	.004	1
S1	.02000	.01991	-.000	-.450	.06673	.005	1
S3	2.5000	2.4064	-.094	-3.74	3.7639	.292	1
S4	5.0000	4.9140	-.086	-1.72	7.6486	.334	1
S5	10.000	10.180	.180	1.80	15.806	.070	1

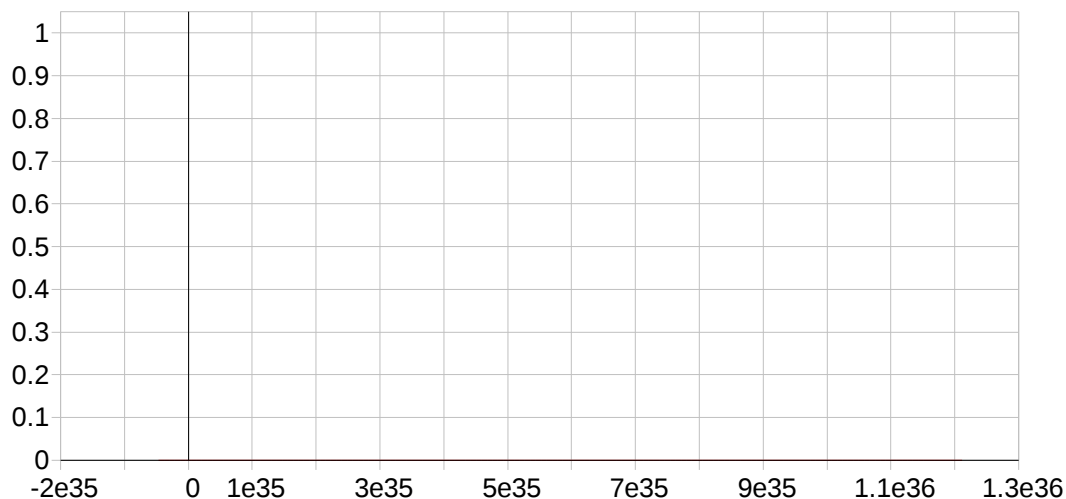


P 177.495 {490}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000709 Re-Slope: 1.000000
 A1 (Gain): 0.014592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999183 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.011651
 Predicted MQL: 0.038836

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.000	1
S1	.02000	.02492	.005	24.6	-.00035	.000	1
S3	2.5000	2.3071	-.193	-7.72	.03290	.000	1
S4	5.0000	4.8791	-.121	-2.42	.07038	.000	1
S5	10.000	10.309	.309	3.09	.14951	.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







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

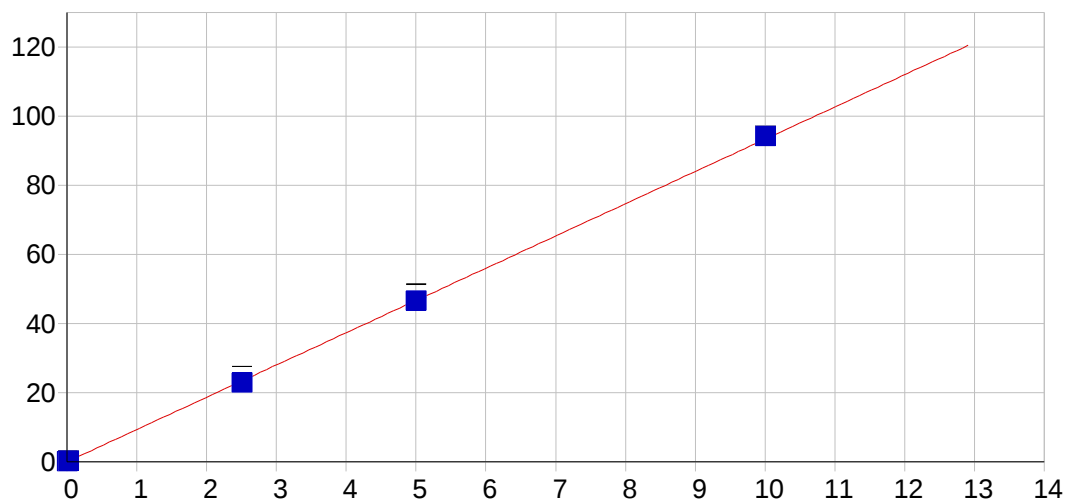
Status: Warning Zero Gain

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: 10/10/2019 11:00:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000476

Re-Slope: 1.000000

A1 (Gain): 9.333212

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999938

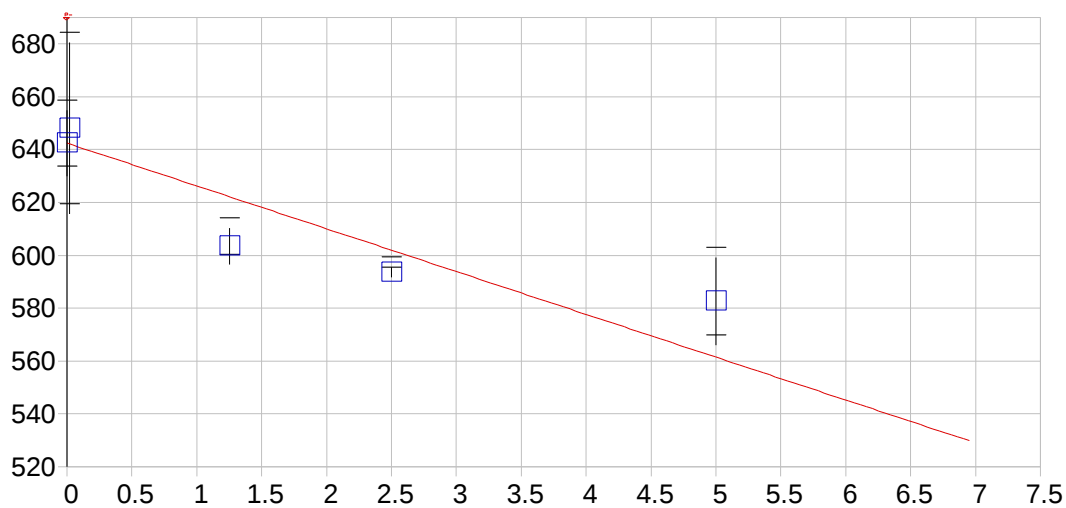
Status: OK.

Std Error of Est: 0.002518

Predicted MDL: 0.000157

Predicted MQL: 0.000524

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.02000	.02135	.001	6.74	.20076	.006	1
S3	2.5000	2.4444	-.056	-2.22	22.840	1.87	1
S4	5.0000	4.9711	-.029	-.577	46.448	1.98	1
S5	10.000	10.083	.083	.831	94.211	.073	1

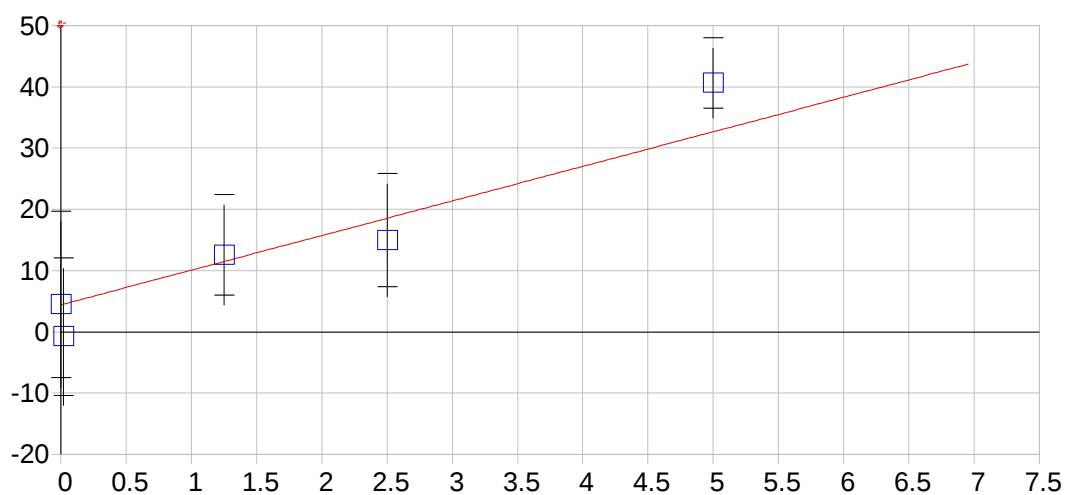


U 367.007 { 92 }

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 642.470674 Re-Slope: 1.000000
 A1 (Gain): -16.201059 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.714792 Status: Warning Negative Gain
 Std Error of Est: 0.270869
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	642.46	12.5	1
S1	.02000	-.35052	-.371	-1850.	648.15	32.5	1
S3	1.2500	2.4087	1.16	92.7	603.45	6.99	1
S4	2.5000	3.0196	.520	20.8	593.55	1.90	1
S5	5.0000	3.6922	-1.31	-26.2	582.65	16.7	1



U 385.958 { 87}

Date of Fit: 10/10/2019 11:00:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4.425296 Re-Slope: 1.000000
 A1 (Gain): 5.647540 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.403250 Status: OK.
 Std Error of Est: 0.219006
 Predicted MDL: 2.104841
 Predicted MQL: 7.016138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00094	.001	.000	4.4306	13.6	1
S1	.02000	-.92376	-.944	-4720.	-.79170	11.2	1
S3	1.2500	1.4348	.185	14.8	12.529	8.21	1
S4	2.5000	1.8605	-.639	-25.6	14.933	9.27	1
S5	5.0000	6.3984	1.40	28.0	40.561	5.76	1

Sample Name: S0 Acquired: 10/9/2019 15:00:58 Type: Cal
 Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
 User: Bin 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	-.00051	-.00000	.00036	.00027	.00012	-.00009	-.00209	-.00059
Stddev	.00031	.00019	.00009	.00012	.00021	.00016	.00022	.00006
%RSD	60.771	25374.	24.800	43.321	170.39	181.46	10.524	9.5383
#1	-.00020	.00019	.00026	.00020	.00023	.00007	-.00230	-.00064
#2	-.00050	-.00000	.00044	.00040	-.00012	-.00009	-.00186	-.00060
#3	-.00082	-.00019	.00038	.00021	.00025	-.00025	-.00211	-.00053
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	.00360	.00353	.00035	-.00025	-.00036	-.00009	.00045	.00006
Stddev	.00052	.00099	.00007	.00021	.00042	.00004	.00012	.00005
%RSD	14.410	28.172	20.056	83.952	117.83	40.023	26.437	92.230
#1	.00317	.00437	.00034	-.00001	.00002	-.00006	.00043	.00004
#2	.00417	.00377	.00043	-.00033	-.00028	-.00007	.00057	.00001
#3	.00344	.00243	.00029	-.00042	-.00082	-.00013	.00034	.00012
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	-.00217	.00016	.00260	-.00006	.00381	.00320	.00063	.00019
Stddev	.00027	.00004	.00023	.00005	.00030	.00012	.00021	.00003
%RSD	12.449	26.283	8.7524	83.616	7.9621	3.8666	34.102	16.201
#1	-.00235	.00019	.00280	-.00011	.00351	.00306	.00038	.00017
#2	-.00230	.00017	.00235	-.00001	.00380	.00326	.00076	.00018
#3	-.00186	.00011	.00263	-.00005	.00412	.00328	.00074	.00023
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	.00025	.01430	.00137	.00683	.03589	-.0007	.00047	642.46
Stddev	.00016	.00241	.00012	.00035	.00440	.0001	.00034	12.54
%RSD	64.412	16.829	8.5227	5.1628	12.258	13.64	72.050	1.9517
#1	.00044	.01556	.00150	.00710	.03935	-.0007	.00071	646.75
#2	.00014	.01582	.00128	.00695	.03738	-.0008	.00061	652.30
#3	.00018	.01153	.00133	.00643	.03094	-.0006	.00008	628.34

Sample Name: S0 Acquired: 10/9/2019 15:00:58 Type: Cal
 Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	4.4306
Stddev	13.610
%RSD	307.19

#1	-5.7896
#2	19.880
#3	-.79872

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.8	39107.	3928.2	113.26	2225.9
Stddev	10.1	70.	362.5	9.46	5.0
%RSD	.44112	.17797	9.2286	8.3517	.22463

#1	2272.5	39030.	3695.8	107.79	2220.1
#2	2291.8	39166.	3742.8	107.80	2228.3
#3	2287.1	39124.	4345.9	124.18	2229.3

Sample Name: S1 Acquired: 10/9/2019 15:05:33 Type: Cal
Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.00158	.00859	.00387	.00205	.00886	.00095	.03964	.00370
Stddev	.00015	.00001	.00006	.00014	.00017	.00013	.00113	.00013
%RSD	9.6677	.08884	1.4834	7.0303	1.9128	14.152	2.8592	3.5233
#1	.00163	.00859	.00394	.00220	.00867	.00083	.04018	.00378
#2	.00141	.00858	.00385	.00204	.00893	.00094	.04040	.00376
#3	.00170	.00858	.00383	.00192	.00898	.00110	.03834	.00355
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	.03075	.00262	.03678	.01629	.00713	.02372	.03300	.00307
Stddev	.00041	.00023	.00017	.00027	.00029	.00090	.00016	.00008
%RSD	1.3227	8.6782	.45444	1.6335	4.0669	3.7904	.47205	2.5345
#1	.03033	.00257	.03691	.01644	.00726	.02401	.03286	.00315
#2	.03114	.00286	.03659	.01644	.00732	.02444	.03297	.00306
#3	.03077	.00241	.03683	.01598	.00679	.02271	.03317	.00300
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	.00756	.14052	.19234	.00097	.00051	.16601	.01185	.02210
Stddev	.00025	.00059	.00035	.00004	.00012	.00335	.00015	.00133
%RSD	3.2543	.41886	.18188	4.5598	23.252	2.0153	1.2794	6.0239
#1	.00761	.14084	.19226	.00094	.00064	.16847	.01170	.02297
#2	.00778	.14087	.19204	.00102	.00041	.16220	.01201	.02057
#3	.00730	.13984	.19272	.00096	.00049	.16735	.01185	.02276
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.06673	-.0003	.20076	648.15	-.79170			
Stddev	.00479	.0001	.00595	32.50	11.227			
%RSD	7.1809	35.56	2.9617	5.0142	1418.1			
#1	.06991	-.0004	.20420	616.53	-12.114			
#2	.06122	-.0004	.19389	646.45	-.5990			
#3	.06906	-.0002	.20418	681.47	10.338			

Sample Name: S1 Acquired: 10/9/2019 15:05:33 Type: Cal
Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
User: Bin 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	2293.9	40135.	3861.5	110.35	2239.0
Stddev	5.7	1470.	103.8	3.04	2.4
%RSD	.24798	3.6621	2.6877	2.7511	.10541
#1	2292.3	39340.	3794.1	110.39	2238.6
#2	2300.2	39234.	3981.0	113.37	2241.5
#3	2289.2	41831.	3809.3	107.30	2236.9

Sample Name: S2 Acquired: 10/9/2019 15:10:14 Type: Cal
 Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13010	.00448	.05265	.01829
Stddev	.00662	.00022	.00210	.00052
%RSD	5.0856	4.8296	3.9899	2.8543

#1	.12247	.00425	.05030	.01788
#2	.13422	.00468	.05332	.01810
#3	.13361	.00450	.05434	.01888

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	40306.	3919.5
Stddev	1200.	170.5
%RSD	2.9769	4.3494

#1	41691.	4115.6
#2	39625.	3806.5
#3	39601.	3836.5

Sample Name: S3 Acquired: 10/9/2019 15:14:33 Type: Cal
Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.22953	.52523	.78412	.18202	.41906	.04219	1.9943	.08424
Stddev	.00072	.00079	.00086	.00069	.00123	.00063	.0231	.00020
%RSD	.31352	.15008	.10910	.37885	.29373	1.5005	1.1583	.23203

#1	.22952	.52438	.78313	.18262	.42027	.04182	1.9910	.08435
#2	.23025	.52594	.78463	.18219	.41910	.04183	1.9731	.08401
#3	.22881	.52536	.78460	.18127	.41781	.04292	2.0189	.08435

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	5.5852	.71589	.10460	1.5332	.48429	.16849	1.3228	.02555
Stddev	.0078	.05671	.00012	.0032	.00059	.00030	.0024	.00028
%RSD	.14060	7.9210	.11246	.20730	.12282	.17964	.18081	1.0938

#1	5.5785	.74390	.10473	1.5296	.48360	.16846	1.3209	.02538
#2	5.5939	.65063	.10458	1.5357	.48467	.16881	1.3221	.02539
#3	5.5833	.75314	.10449	1.5343	.48459	.16820	1.3255	.02587

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	1.0416	.17462	.30133	.23309	4.1282	.09180	2.2471	.01929
Stddev	.0009	.00037	.00273	.00034	.0021	.00117	.0053	.00022
%RSD	.08937	.20943	.90513	.14566	.05110	1.2722	.23809	1.1153

#1	1.0406	.17449	.30003	.23320	4.1291	.09098	2.2458	.01911
#2	1.0418	.17433	.29949	.23336	4.1296	.09128	2.2530	.01924
#3	1.0424	.17503	.30446	.23271	4.1258	.09313	2.2426	.01953

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	.06778	.91928	.71404	.91479	3.7639	.0329	22.840	603.45
Stddev	.00012	.06665	.00127	.06945	.2925	.0001	1.865	6.99
%RSD	.17516	7.2503	.17734	7.5921	7.7707	.3161	8.1670	1.1591

#1	.06774	.95699	.71280	.94639	3.9146	.0329	23.804	605.70
#2	.06791	.84233	.71399	.83516	3.4268	.0330	20.690	595.60
#3	.06768	.95853	.71533	.96283	3.9503	.0328	24.026	609.04

Sample Name: S3 Acquired: 10/9/2019 15:14:33 Type: Cal
Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	12.529
Stddev	8.207
%RSD	65.505

#1	21.449
#2	10.839
#3	5.2979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.8	39054.	3944.2	109.10	2110.3
Stddev	2.1	133.	287.2	8.30	3.1
%RSD	.09250	.33927	7.2810	7.6064	.14545

#1	2268.4	39201.	3778.7	104.10	2111.2
#2	2272.0	38944.	4275.7	118.68	2112.8
#3	2272.0	39017.	3778.0	104.53	2106.9

Sample Name: S4 Acquired: 10/9/2019 15:18:36 Type: Cal
Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.45790	1.0495	1.5775	.35957	.82730	.08429	4.0325	.16828
Stddev	.00279	.0033	.0056	.00204	.00167	.00047	.0370	.00020
%RSD	.60870	.31643	.35473	.56769	.20198	.56232	.91803	.11922

#1	.45482	1.0457	1.5711	.35723	.82593	.08391	4.0356	.16829
#2	.45863	1.0513	1.5815	.36101	.82680	.08413	3.9940	.16808
#3	.46025	1.0515	1.5799	.36046	.82916	.08482	4.0679	.16848

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	11.283	1.4429	.20775	3.0960	.94417	.33111	2.5921	.05080
Stddev	.046	.0633	.00042	.0147	.00505	.00015	.0034	.00037
%RSD	.41089	4.3844	.20093	.47496	.53450	.04487	.13072	.73668

#1	11.230	1.4778	.20814	3.0791	.93854	.33123	2.5943	.05077
#2	11.314	1.3699	.20731	3.1056	.94828	.33114	2.5882	.05044
#3	11.305	1.4810	.20781	3.1034	.94570	.33094	2.5938	.05119

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	2.0885	.34310	.60701	.46515	8.3706	.18131	4.4435	.03865
Stddev	.0073	.00043	.00440	.00014	.0339	.00083	.0202	.00020
%RSD	.34788	.12638	.72553	.03104	.40467	.45971	.45540	.52431

#1	2.0802	.34313	.60703	.46525	8.3319	.18144	4.4202	.03857
#2	2.0939	.34351	.60260	.46521	8.3948	.18042	4.4537	.03850
#3	2.0913	.34264	.61141	.46498	8.3850	.18207	4.4567	.03888

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	.13921	1.8450	1.4500	1.8572	7.6486	.0704	46.448	593.55
Stddev	.00039	.0688	.0021	.0842	.3342	.0003	1.978	1.90
%RSD	.28250	3.7290	.14430	4.5319	4.3700	.4166	4.2596	.32006

#1	.13876	1.8797	1.4476	1.8954	7.8277	.0702	47.462	595.18
#2	.13947	1.7658	1.4514	1.7607	7.2630	.0707	44.169	594.01
#3	.13941	1.8896	1.4509	1.9155	7.8552	.0703	47.715	591.46

Sample Name: S4 Acquired: 10/9/2019 15:18:36 Type: Cal
Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	14.933
Stddev	9.266
%RSD	62.050

#1	18.367
#2	4.4402
#3	21.991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.9	38664.	3839.8	105.85	2028.8
Stddev	7.7	41.	153.2	3.09	6.8
%RSD	.34124	.10632	3.9899	2.9175	.33389

#1	2262.4	38632.	3744.1	103.62	2036.7
#2	2252.0	38711.	4016.5	109.37	2024.9
#3	2247.4	38650.	3758.8	104.55	2024.9

Sample Name: S5 Acquired: 10/9/2019 15:22:37 Type: Cal
Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
User: Bin 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	.92914	2.1276	3.2231	.72146	1.6701	.17559	8.3289	.33984
Stddev	.00255	.0059	.0026	.00228	.0046	.00458	.1771	.00733
%RSD	.27488	.27833	.07963	.31534	.27263	2.6093	2.1257	2.1556

#1	.92626	2.1327	3.2261	.71960	1.6666	.17390	8.2431	.33593
#2	.93115	2.1211	3.2215	.72400	1.6753	.17210	8.2111	.33530
#3	.93000	2.1291	3.2218	.72080	1.6685	.18078	8.5325	.34829

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	23.236	2.9517	.42163	6.3847	1.8692	.67238	5.1882	.10617
Stddev	.033	.0121	.00881	.0028	.0069	.01403	.1137	.00246
%RSD	.14105	.40814	2.0892	.04331	.37110	2.0862	2.1914	2.3209

#1	23.268	2.9477	.41738	6.3868	1.8628	.66586	5.1305	.10511
#2	23.203	2.9422	.41576	6.3816	1.8766	.66279	5.1150	.10441
#3	23.236	2.9653	.43176	6.3858	1.8682	.68848	5.3192	.10899

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	4.2712	.69779	1.2841	.95439	17.358	.37726	8.9358	.08011
Stddev	.0010	.01230	.0348	.01968	.033	.00954	.0296	.00217
%RSD	.02268	1.7630	2.7121	2.0617	.19123	2.5279	.33141	2.7060

#1	4.2717	.69258	1.2720	.94597	17.390	.37356	8.9051	.07925
#2	4.2700	.68896	1.2569	.94032	17.324	.37012	8.9642	.07850
#3	4.2717	.71184	1.3233	.97688	17.359	.38809	8.9379	.08257

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	.29266	3.6806	2.9723	3.8210	15.806	.1495	94.211	582.65
Stddev	.00150	.0151	.0005	.0175	.070	.0004	.073	16.66
%RSD	.51344	.41069	.01818	.45825	.44505	.2695	.07778	2.8587

#1	.29314	3.6674	2.9723	3.8076	15.742	.1499	94.127	590.60
#2	.29098	3.6971	2.9728	3.8146	15.795	.1494	94.261	593.85
#3	.29388	3.6774	2.9718	3.8408	15.881	.1491	94.245	563.51

Sample Name: S5 Acquired: 10/9/2019 15:22:37 Type: Cal
 Method: P4-ICP2(v3437) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	40.561
Stddev	5.759
%RSD	14.199

#1	47.191
#2	37.692
#3	36.798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.0	37414.	3761.6	102.31	1920.7
Stddev	7.9	798.	10.9	.58	5.4
%RSD	.35729	2.1326	.28866	.56694	.27997

#1	2207.7	37761.	3771.2	102.80	1915.0
#2	2198.8	37980.	3749.8	102.44	1921.6
#3	2214.5	36502.	3763.8	101.67	1925.6

Sample Name: ICV01 Acquired: 10/9/2019 15:26:56 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0058	1.0289	.99525	1.0082	.99553	2.5375	.50181
Stddev	.0014	.0078	.00174	.0012	.00218	.0176	.00128
%RSD	.14465	.75931	.17487	.11562	.21923	.69545	.25543

#1	1.0070	1.0327	.99548	1.0082	.99801	2.5439	.50308
#2	1.0042	1.0341	.99687	1.0094	.99466	2.5512	.50052
#3	1.0061	1.0199	.99341	1.0070	.99391	2.5176	.50182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49509	.48453	10.475	.50802	.49879	.53332	5.1756
Stddev	.00085	.00149	.025	.00182	.00112	.00078	.0150
%RSD	.17244	.30797	.24328	.35847	.22499	.14667	.28967

#1	.49438	.48605	10.448	.50717	.49938	.53283	5.1704
#2	.49604	.48307	10.498	.51011	.49949	.53422	5.1925
#3	.49485	.48447	10.480	.50678	.49749	.53291	5.1639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51883	6.0682	.50591	.50201	9.9302	.50130	.96528
Stddev	.00057	.0696	.00237	.00096	.0260	.00141	.00358
%RSD	.11051	1.1474	.46863	.19048	.26151	.28201	.37067

#1	.51852	6.0551	.50602	.50279	9.9522	.50291	.96939
#2	.51949	6.1435	.50823	.50094	9.9368	.50073	.96286
#3	.51848	6.0061	.50349	.50230	9.9016	.50026	.96358

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9219	2.6001	2.5726	F .01517	2.6775	2.4667	2.6046
Stddev	.1384	.0128	.0399	.00415	.0217	.0107	.0046
%RSD	1.3947	.49203	1.5495	27.365	.81106	.43588	.17520

#1	9.9818	2.6124	2.5837	.01334	2.6726	2.4686	2.6097
#2	10.020	2.5869	2.6058	.01993	2.6587	2.4764	2.6031
#3	9.7637	2.6012	2.5284	.01225	2.7013	2.4551	2.6010

Sample Name: ICV01 Acquired: 10/9/2019 15:26:56 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 .00970	F .0312	F .00800	F<.00000	F 3.5995
Stddev	.00220	.0146	.00020	.47539	1.1005
%RSD	22.721	46.76	2.5234	1344.4	30.573
#1	.01221	.0353	.00777	.50325	2.8987
#2	.00882	.0150	.00812	-.39639	3.0319
#3	.00807	.0432	.00811	-.21294	4.8679
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.6	39215.	3822.1	109.03	2165.7
Stddev	8.0	122.	22.8	.87	5.5
%RSD	.34863	.31180	.59573	.79642	.25444
#1	2276.4	39187.	3815.5	108.04	2159.4
#2	2292.3	39109.	3847.5	109.64	2168.1
#3	2285.0	39349.	3803.4	109.42	2169.6

Sample Name: LLICV01 Acquired: 10/9/2019 15:32:25 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.02232	.04072	.01224	.02396	.05373	.09406	.09552
Stddev	.00126	.00128	.00044	.00219	.00194	.01540	.00480
%RSD	5.6417	3.1482	3.6222	9.1439	3.6192	16.372	5.0267

#1	.02375	.03952	.01188	.02422	.05411	.09645	.09757
#2	.02138	.04208	.01274	.02165	.05547	.10813	.09003
#3	.02183	.04057	.01211	.02601	.05163	.07761	.09895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	.00586	2.1041	.00993	.02953	.02178	.10276
Stddev	.00038	.00007	.0208	.00043	.00034	.00084	.00724
%RSD	6.0887	1.2526	.98844	4.3610	1.1357	3.8515	7.0471

#1	.00656	.00578	2.0834	.01017	.02949	.02247	.10771
#2	.00584	.00591	2.1250	.00943	.02988	.02201	.09445
#3	.00641	.00589	2.1039	.01019	.02922	.02084	.10611

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02185	1.9915	.04145	.01073	1.9255	.03949	.04019
Stddev	.00131	.1328	.00082	.00092	.1302	.00320	.00015
%RSD	5.9880	6.6677	1.9756	8.6081	6.7624	8.1040	.38098

#1	.02265	2.0539	.04071	.01080	1.9936	.04077	.04003
#2	.02034	1.8390	.04130	.00977	1.7754	.03584	.04033
#3	.02255	2.0815	.04233	.01162	2.0076	.04184	.04022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8739	.21512	.09418	.01910	.42458	.03898	.03864
Stddev	.0963	.00098	.00631	.00265	.00675	.00067	.00133
%RSD	5.1368	.45514	6.7013	13.853	1.5904	1.7234	3.4473

#1	1.8869	.21565	.09758	.01775	.43198	.03971	.03746
#2	1.7718	.21399	.08690	.01739	.41874	.03839	.03836
#3	1.9630	.21572	.09806	.02214	.42302	.03884	.04008

Sample Name: LLICV01 Acquired: 10/9/2019 15:32:25 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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 .02783	.0232	.02203	F<.00000	F<.00000
Stddev	.00220	.0099	.00041	3.4878	1.3153
%RSD	7.9087	42.72	1.8706	127.12	96.588

#1	.02894	.0133	.02159	-1.3979	-1.9338
#2	.02925	.0331	.02240	-6.7038	.14269
#3	.02530	.0231	.02211	-.12929	-2.2942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.2	40926.	3770.4	108.70	2246.9
Stddev	2.9	2409.	22.7	1.96	3.4
%RSD	.12752	5.8852	.60324	1.8023	.15351

#1	2304.1	39721.	3783.9	107.71	2242.9
#2	2309.9	43699.	3744.1	107.43	2249.3
#3	2307.6	39358.	3783.2	110.96	2248.4

Sample Name: ICB01 Acquired: 10/9/2019 15:36:51 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.00004	-.00002	.00082	.00492	-.00360	.01377	.00017
Stddev	.00229	.00054	.00160	.00367	.00071	.01200	.00030
%RSD	5326.3	3239.7	195.79	74.668	19.828	87.152	174.73

#1	.00172	-.00010	.00246	.00571	-.00278	.01142	-.00004
#2	.00097	.00056	-.00074	.00813	-.00409	.00312	.00052
#3	-.00256	-.00051	.00074	.00092	-.00394	.02678	.00004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00011	-.01460	.00004	-.00008	-.00077	-.00013
Stddev	.00003	.00010	.00838	.00031	.00038	.00047	.00063
%RSD	17.576	84.959	57.375	831.06	477.39	60.592	483.48

#1	.00017	-.00022	-.02306	-.00029	-.00051	-.00094	.00053
#2	.00012	-.00005	-.00630	.00032	.00024	-.00113	-.00018
#3	.00016	-.00007	-.01445	.00007	.00003	-.00024	-.00073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.04169	-.00007	.00043	-.05194	-.00022	-.00018
Stddev	.00006	.03395	.00040	.00019	.00909	.00037	.00013
%RSD	358.90	81.433	596.75	44.920	17.494	166.23	74.169

#1	.00008	.05549	.00015	.00051	-.04151	-.00061	-.00033
#2	-.00002	.06658	-.00053	.00021	-.05611	.00013	-.00007
#3	-.00001	.00302	.00018	.00057	-.05818	-.00019	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04728	.00022	.00479	-.00060	-.00378	-.00041	.00145
Stddev	.05091	.00023	.00801	.00394	.00069	.00083	.00216
%RSD	107.68	105.47	167.03	655.81	18.145	203.12	149.15

#1	.07548	.00032	.01288	.00214	-.00412	-.00032	.00260
#2	-.01149	-.00005	.00463	-.00511	-.00422	.00037	.00280
#3	.07786	.00039	-.00313	.00117	-.00299	-.00129	-.00104

Sample Name: ICB01 Acquired: 10/9/2019 15:36:51 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00347	F .0094	.00030	F<.00000	F<.00000
Stddev	.00128	.0146	.00007	.90167	1.0688
%RSD	36.859	155.0	21.633	40.387	280.36
#1	.00492	-.0038	.00036	-2.0361	-1.3585
#2	.00297	.0070	.00031	-3.2162	-.54544
#3	.00251	.0251	.00023	-1.4453	.76021
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.4	41000.	3805.6	108.49	2263.4
Stddev	4.9	1619.	10.7	2.81	3.5
%RSD	.21040	3.9494	.28072	2.5878	.15635
#1	2318.7	39985.	3794.4	105.32	2263.2
#2	2316.6	42868.	3806.7	110.68	2260.0
#3	2325.9	40149.	3815.7	109.46	2267.1

Sample Name: CRI01 Acquired: 10/9/2019 15:41:20 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.02023	.04007	.01302	.02287	.05202	.10369	.09884
Stddev	.00193	.00195	.00101	.00299	.00188	.00351	.00033
%RSD	9.5557	4.8748	7.7637	13.079	3.6123	3.3872	.33163

#1	.01998	.03886	.01237	.02572	.04988	.10060	.09907
#2	.02227	.04232	.01419	.02311	.05279	.10295	.09899
#3	.01843	.03903	.01250	.01976	.05339	.10750	.09847

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	.00599	2.1027	.01023	.02948	.02218	.10777
Stddev	.00008	.00004	.0204	.00029	.00020	.00077	.00078
%RSD	1.2377	.63826	.96992	2.8247	.69312	3.4893	.72670

#1	.00668	.00602	2.0996	.01054	.02946	.02286	.10858
#2	.00655	.00595	2.0840	.00996	.02969	.02235	.10702
#3	.00654	.00599	2.1244	.01021	.02928	.02134	.10770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02289	2.0711	.04129	.01105	1.9167	.04101	.04049
Stddev	.00019	.0286	.00040	.00017	.0117	.00120	.00006
%RSD	.81145	1.3788	.96228	1.5368	.60856	2.9164	.14540

#1	.02308	2.0474	.04159	.01089	1.9288	.04239	.04047
#2	.02288	2.1028	.04084	.01101	1.9157	.04023	.04056
#3	.02271	2.0631	.04145	.01123	1.9055	.04041	.04044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9671	.21463	.10563	.02271	.42142	.03617	.03759
Stddev	.0493	.00091	.01163	.00876	.00021	.00080	.00228
%RSD	2.5035	.42460	11.008	38.557	.05075	2.2179	6.0687

#1	1.9641	.21403	.11597	.01719	.42149	.03554	.03961
#2	2.0178	.21418	.10788	.03281	.42118	.03707	.03512
#3	1.9194	.21568	.09304	.01814	.42159	.03590	.03805

Sample Name: CRI01 Acquired: 10/9/2019 15:41:20 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02279	F .0276	.02201	F<.00000	F<.00000
Stddev	.00363	.0130	.00007	.68551	.71930
%RSD	15.937	47.08	.32634	59.980	70.955
#1	.02692	.0174	.02210	-.35535	-.74819
#2	.02011	.0230	.02196	-1.4678	-1.8281
#3	.02133	.0422	.02198	-1.6056	-.46498
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.4	39852.	3801.7	109.69	2251.8
Stddev	2.8	150.	1.8	.35	2.9
%RSD	.12008	.37520	.04818	.31867	.12817
#1	2310.4	39832.	3802.6	109.92	2255.0
#2	2311.6	39714.	3799.6	109.29	2250.8
#3	2306.3	40011.	3802.9	109.88	2249.5

Sample Name: ICSA01 Acquired: 10/9/2019 15:45:48 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin 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	-.00488	.01207	.00365	.01748	.00283	258.27	.00336	.00268
Stddev	.00392	.00191	.00314	.00650	.00361	3.56	.00067	.00002
%RSD	80.345	15.803	85.878	37.207	127.67	1.3774	19.860	.69344

#1	-.00248	.01043	.00550	.02069	.00047	254.18	.00384	.00270
#2	-.00276	.01416	.00542	.00999	.00699	260.67	.00260	.00267
#3	-.00940	.01162	.00003	.02175	.00103	259.95	.00365	.00267

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00328	246.28	.05134	-.00023	.01177	92.437	.01112	256.32
Stddev	.00019	1.17	.00097	.00062	.00099	1.387	.00012	3.87
%RSD	5.7691	.47544	1.8981	269.24	8.4459	1.5002	1.0458	1.5095

#1	-.00334	247.05	.05025	-.00092	.01067	90.854	.01102	251.93
#2	-.00343	246.85	.05213	-.00004	.01201	93.438	.01108	259.24
#3	-.00306	244.93	.05164	.00027	.01262	93.018	.01124	257.78

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03572	-.00620	-.03043	-.00025	-.01110	.04697	-.00293	-.00791
Stddev	.00104	.00063	.00491	.00019	.00045	.01292	.00047	.00181
%RSD	2.9239	10.245	16.151	78.108	4.0683	27.505	15.970	22.879

#1	.03453	-.00662	-.02476	-.00028	-.01059	.04508	-.00344	-.00757
#2	.03615	-.00547	-.03356	-.00042	-.01144	.06073	-.00252	-.00629
#3	.03648	-.00650	-.03295	-.00004	-.01127	.03510	-.00283	-.00986

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.01093	-.00048	-.00232	.01469	F 1.665	.00526	4.8251
Stddev	.01377	.00322	.00016	.00153	.00320	.015	.00140	.3377
%RSD	3972.6	29.479	33.835	65.907	21.766	.8783	26.555	6.9978

#1	-.01611	-.00723	-.00040	-.00240	.01135	1.672	.00681	4.6851
#2	.00569	-.01312	-.00037	-.00076	.01502	1.648	.00408	5.2102
#3	.00938	-.01245	-.00067	-.00381	.01772	1.674	.00490	4.5800

Sample Name: ICSA01 Acquired: 10/9/2019 15:45:48 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 106.09
 Stddev 4.40
 %RSD 4.1445

#1 106.12
 #2 101.68
 #3 110.47

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.2	36865.	3708.5	98.589	1835.9
Stddev	13.5	336.	27.5	2.620	9.8
%RSD	.63695	.91073	.74035	2.6573	.53435

#1	2130.1	37245.	3680.0	95.595	1841.3
#2	2129.8	36610.	3710.6	100.46	1841.9
#3	2106.5	36739.	3734.8	99.714	1824.6

Sample Name: ICSAB01 Acquired: 10/9/2019 15:50:21 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	.09620	.11483	.05804	.06403	.61448	258.34	.51577	.51924
Stddev	.00102	.00052	.00340	.00807	.00259	12.39	.02287	.02552
%RSD	1.0598	.45547	5.8577	12.599	.42094	4.7961	4.4340	4.9157
#1	.09736	.11423	.05486	.05509	.61271	244.04	.48950	.48978
#2	.09576	.11516	.06162	.07078	.61745	265.16	.52660	.53320
#3	.09546	.11511	.05765	.06622	.61329	265.83	.53121	.53474
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99795	251.18	.54088	.49706	.50641	91.680	.50045	255.60
Stddev	.00410	.95	.02645	.00122	.00158	4.289	.02450	11.98
%RSD	.41112	.37907	4.8902	.24571	.31269	4.6777	4.8957	4.6877
#1	.99327	250.32	.51047	.49728	.50774	86.739	.47216	241.78
#2	1.0009	251.02	.55364	.49574	.50466	93.871	.51512	261.96
#3	.99963	252.20	.55854	.49815	.50683	94.431	.51406	263.05
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0236	.19771	-.04157	.49329	1.0417	-.01019	1.0626	1.0550
Stddev	.0033	.00958	.01462	.02448	.0028	.02401	.0044	.0380
%RSD	.32554	4.8441	35.169	4.9631	.27080	235.61	.41567	3.6036
#1	1.0214	.18677	-.03214	.46521	1.0386	-.03393	1.0589	1.0114
#2	1.0220	.20172	-.05842	.50453	1.0442	-.01072	1.0613	1.0726
#3	1.0275	.20462	-.03416	.51013	1.0423	.01408	1.0675	1.0811
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01270	1.0131	1.0778	1.0475	F .01382	F 1.717	F .00763	5.8044
Stddev	.00762	.0133	.0024	.0081	.00113	.031	.00451	2.1622
%RSD	59.966	1.3150	.22650	.77784	8.2101	1.809	59.015	37.252
#1	.00705	1.0162	1.0762	1.0427	.01366	1.716	.01282	3.3468
#2	.02137	.99855	1.0765	1.0428	.01503	1.686	.00535	7.4143
#3	.00970	1.0247	1.0806	1.0569	.01278	1.748	.00473	6.6521

Sample Name: ICSAB01 Acquired: 10/9/2019 15:50:21 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 106.89
Stddev 1.83
%RSD 1.7095

#1 105.20
#2 106.65
#3 108.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.6	37263.	3647.6	97.159	1827.2
Stddev	8.4	1637.	6.7	.324	6.9
%RSD	.39622	4.3933	.18322	.33320	.37996

#1	2126.2	39153.	3640.5	97.383	1835.1
#2	2110.7	36338.	3653.8	96.787	1822.0
#3	2113.0	36298.	3648.6	97.306	1824.4

Sample Name: CCV01 Acquired: 10/9/2019 15:54:38 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	4.9990	5.0217	5.0124	5.0244	5.0211	9.8590	9.8612	.25057
Stddev	.0108	.0087	.0056	.0049	.0079	.1240	.1311	.00201
%RSD	.21544	.17307	.11153	.09786	.15750	1.2573	1.3295	.80042
#1	4.9865	5.0145	5.0060	5.0195	5.0184	9.7403	9.7336	.24826
#2	5.0047	5.0193	5.0152	5.0243	5.0300	9.8489	9.8545	.25176
#3	5.0057	5.0313	5.0160	5.0293	5.0149	9.9876	9.9955	.25170
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4764	F 26.352	.99218	2.4843	1.2625	4.9762	2.4981	24.755
Stddev	.0027	1.828	.00599	.0017	.0015	.0412	.0168	.426
%RSD	.10962	6.9359	.60410	.06757	.11586	.82766	.67126	1.7216
#1	2.4753	25.348	.98599	2.4824	1.2608	4.9325	2.4789	24.354
#2	2.4745	25.247	.99796	2.4852	1.2634	5.0143	2.5058	24.707
#3	2.4795	28.462	.99258	2.4854	1.2633	4.9819	2.5097	25.202
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4912	1.2393	24.356	2.4861	2.4830	24.322	5.0502	4.9097
Stddev	.0044	.0063	.277	.0142	.0032	.222	.0043	.0639
%RSD	.17502	.50718	1.1371	.57100	.12962	.91394	.08572	1.3010
#1	2.4885	1.2324	24.085	2.4719	2.4802	24.074	5.0462	4.8441
#2	2.4889	1.2447	24.343	2.5003	2.4823	24.387	5.0496	4.9134
#3	2.4962	1.2409	24.639	2.4863	2.4865	24.505	5.0548	4.9716
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9637	F 5.2969	4.9950	F 5.2642	F 5.3044	5.119	F 5.3075	F .32241
Stddev	.0280	.3026	.0046	.3563	.3434	.029	.3626	.73473
%RSD	.56348	5.7126	.09240	6.7683	6.4741	.5768	6.8311	227.89
#1	4.9405	5.1218	4.9897	5.0429	5.1123	5.085	5.1060	-.04249
#2	4.9558	5.1226	4.9981	5.0745	5.1001	5.135	5.0905	-.15845
#3	4.9947	5.6463	4.9973	5.6752	5.7009	5.136	5.7261	1.1681

Sample Name: CCV01 Acquired: 10/9/2019 15:54:38 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6511
Stddev 1.7120
%RSD 46.890

#1 1.7174
#2 4.2619
#3 4.9739

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.0	38613.	3620.7	98.698	2018.9
Stddev	3.9	143.	198.3	5.487	3.6
%RSD	.17448	.37007	5.4765	5.5592	.17976

#1	2230.6	38778.	3716.4	101.94	2014.7
#2	2236.7	38525.	3752.9	101.79	2021.3
#3	2237.8	38536.	3392.7	92.363	2020.6

Sample Name: LLCCV01 Acquired: 10/9/2019 15:58:37 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02194	.04027	.01379	.01875	.05200	.10954	.09863
Stddev	.00209	.00029	.00081	.00485	.00129	.02134	.00194
%RSD	9.5455	.71323	5.8885	25.852	2.4721	19.483	1.9647

#1	.01989	.04021	.01467	.01419	.05309	.10675	.09642
#2	.02186	.04002	.01362	.02384	.05058	.08973	.10003
#3	.02408	.04059	.01308	.01821	.05232	.13215	.09944

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00652	.00585	2.0960	.01015	.02965	.02139	.10605
Stddev	.00024	.00005	.0092	.00042	.00016	.00047	.00136
%RSD	3.7466	.84418	.44123	4.0901	.53311	2.1876	1.2790

#1	.00632	.00587	2.0921	.01004	.02982	.02186	.10490
#2	.00644	.00579	2.0893	.01061	.02951	.02138	.10570
#3	.00679	.00588	2.1065	.00980	.02961	.02092	.10754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02264	2.0395	.04139	.01100	1.9132	.04141	.03996
Stddev	.00017	.0336	.00040	.00007	.0314	.00035	.00028
%RSD	.75880	1.6501	.95649	.67436	1.6415	.83880	.69271

#1	.02246	2.0012	.04183	.01100	1.8787	.04129	.04013
#2	.02266	2.0530	.04106	.01092	1.9208	.04180	.04011
#3	.02281	2.0643	.04129	.01107	1.9401	.04113	.03964

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8873	.21504	.10325	F .01568	.42502	.03879	.04077
Stddev	.0203	.00106	.00224	.00497	.00737	.00069	.00095
%RSD	1.0729	.49215	2.1710	31.685	1.7334	1.7689	2.3255

#1	1.9099	.21592	.10168	.01459	.43101	.03868	.03996
#2	1.8709	.21532	.10582	.01135	.42726	.03817	.04181
#3	1.8810	.21387	.10226	.02111	.41679	.03953	.04052

Sample Name: LLCCV01 Acquired: 10/9/2019 15:58:37 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02436	F .0243	.02185	F<.00000	F<.00000
Stddev	.00250	.0062	.00018	.66675	2.2538
%RSD	10.280	25.47	.82992	30.337	113.69

#1	.02428	.0201	.02186	-2.9539	-3.0446
#2	.02190	.0213	.02202	-1.6940	.60613
#3	.02690	.0314	.02166	-1.9454	-3.5089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.4	39729.	3802.5	108.97	2257.4
Stddev	15.9	331.	7.7	2.31	12.9
%RSD	.68852	.83367	.20183	2.1197	.56954

#1	2300.4	40106.	3800.0	106.62	2246.4
#2	2308.5	39486.	3796.4	109.05	2254.2
#3	2331.2	39594.	3811.1	111.23	2271.6

Sample Name: CCB01 Acquired: 10/9/2019 16:03:06 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.00092	-.00114	-.00036	.00395	-.00194	.00964	-.00144
Stddev	.00179	.00038	.00038	.00070	.00185	.01577	.00058
%RSD	194.28	33.302	105.26	17.630	95.254	163.58	40.305

#1	.00112	-.00158	-.00052	.00326	-.00033	-.00808	-.00207
#2	-.00221	-.00093	.00007	.00466	-.00153	.01486	-.00133
#3	-.00167	-.00092	-.00063	.00395	-.00397	.02213	-.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00021	-.03293	.00021	.00012	-.00107	-.00043
Stddev	.00008	.00004	.00960	.00035	.00008	.00010	.00038
%RSD	94.530	20.049	29.169	165.48	61.666	9.1530	89.047

#1	.00011	-.00021	-.02306	.00038	.00004	-.00118	-.00076
#2	.00015	-.00017	-.04224	.00046	.00016	-.00098	-.00001
#3	-.00001	-.00026	-.03349	-.00019	.00018	-.00105	-.00052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02542	.00001	.00051	-.10203	-.00026	-.00025
Stddev	.00005	.01520	.00027	.00052	.00890	.00008	.00011
%RSD	295.09	59.802	3456.8	102.02	8.7265	29.411	43.900

#1	.00001	-.02320	-.00030	.00078	-.10961	-.00030	-.00012
#2	-.00002	-.01145	.00010	.00085	-.09222	-.00017	-.00029
#3	.00007	-.04160	.00022	-.00009	-.10427	-.00031	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03269	-.00008	-.00144	.00187	-.00399	-.00075	-.00007
Stddev	.00652	.00026	.00392	.00492	.00518	.00016	.00133
%RSD	19.937	305.14	271.85	263.12	129.75	21.866	1787.5

#1	-.02820	.00019	.00157	.00340	-.00997	-.00056	-.00155
#2	-.02971	-.00033	-.00003	-.00363	-.00065	-.00087	.00103
#3	-.04017	-.00012	-.00587	.00585	-.00137	-.00082	.00030

Sample Name: CCB01 Acquired: 10/9/2019 16:03:06 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00375	F .0101	.00023	F<.00000	F<.00000
Stddev	.00221	.0093	.00019	.84045	.63271
%RSD	58.844	91.70	81.047	32.359	862.14
#1	.00350	.0074	.00002	-2.5500	-.04064
#2	.00168	.0204	.00039	-1.7815	-.72184
#3	.00608	.0025	.00028	-3.4604	.54231
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.1	39353.	3689.8	104.70	2242.3
Stddev	6.4	92.	160.6	3.91	9.6
%RSD	.27795	.23425	4.3529	3.7329	.42947
#1	2285.7	39350.	3784.1	107.19	2231.8
#2	2297.2	39446.	3781.1	106.72	2250.6
#3	2296.3	39262.	3504.4	100.20	2244.5

Sample Name: LR CHECK 1 Acquired: 10/9/2019 16:09:25 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.05994	.03445	.06397	-.46271	-.04609	1809.2	.00539	.03708
Stddev	.00532	.00119	.00882	.00817	.01266	18.9	.00053	.00073
%RSD	8.8755	3.4599	13.795	1.7652	27.478	1.0456	9.9061	1.9671

#1	-.06469	.03502	.06453	-.47084	-.05998	1788.1	.00485	.03778
#2	-.05419	.03524	.07251	-.46279	-.03519	1814.7	.00542	.03632
#3	-.06095	.03307	.05488	-.45451	-.04310	1824.7	.00591	.03712

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02475	1809.4	.04154	.07818	.27779	917.42	-.05643	1807.1
Stddev	.00143	86.4	.00184	.00076	.00182	1.36	.00005	2.5
%RSD	5.7900	4.7769	4.4239	.97022	.65435	.14807	.08256	.13949

#1	.02568	1862.5	.03986	.07879	.27736	915.86	-.05639	1804.4
#2	.02548	1856.0	.04126	.07841	.27978	918.08	-.05643	1807.7
#3	.02310	1709.6	.04351	.07733	.27622	918.33	-.05648	1809.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68551	-.09705	1934.8	.01869	.13168	1063.9	-.00209	-1.4052
Stddev	.00323	.00128	1.1	.00087	.00115	4.1	.00095	.0218
%RSD	.47141	1.3221	.05892	4.6739	.87699	.38797	45.170	1.5536

#1	.68920	-.09688	1934.8	.01966	.13195	1060.5	-.00126	-1.3921
#2	.68318	-.09587	1933.6	.01846	.13268	1068.5	-.00312	-1.4304
#3	.68415	-.09841	1935.9	.01796	.13042	1062.8	-.00190	-1.3930

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33668	-.01510	.01797	-.04372	.09380	11.16	-.99461	<.00000
Stddev	.02612	.00135	.00248	.00277	.00279	.04	.00185	.23108
%RSD	7.7581	8.9620	13.798	6.3358	2.9782	.4022	.18588	3.0623

#1	.31360	-.01436	.02057	-.04412	.09477	11.14	-.99258	-7.2806
#2	.33141	-.01666	.01563	-.04628	.09599	11.21	-.99505	-7.6541
#3	.36504	-.01428	.01771	-.04078	.09065	11.12	-.99620	-7.7030

Sample Name: LR CHECK 1 Acquired: 10/9/2019 16:09:25 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2058.1
 Stddev 13.5
 %RSD .65508

#1 2053.0
 #2 2073.3
 #3 2047.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.8	29267.	3432.6	82.792	1294.2
Stddev	.5	93.	121.6	5.557	7.0
%RSD	.02928	.31743	3.5434	6.7114	.53839

#1	1744.7	29314.	3355.9	80.221	1289.5
#2	1744.3	29328.	3369.0	78.987	1290.9
#3	1745.3	29160.	3572.8	89.169	1302.2

Sample Name: LR CHECK 2 Acquired: 10/9/2019 16:14:24 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin 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	-.00823	.01823	240.10	.03074	-.02136	2.5420	91.128	-.00247
Stddev	.00468	.00068	1.57	.00166	.00173	.0223	1.130	.00008
%RSD	56.874	3.7230	.65574	5.3998	8.1178	.87808	1.2399	3.2150

#1	-.01055	.01848	241.44	.03224	-.01937	2.5618	91.634	-.00239
#2	-.00284	.01874	240.49	.02896	-.02256	2.5464	89.834	-.00248
#3	-.01130	.01746	238.37	.03103	-.02215	2.5178	91.916	-.00255

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00601	.34924	-.10978	-.00475	268.14	-.66165	42.557	-.02196
Stddev	.00007	.01481	.00093	.00036	2.92	.00600	.079	.01676
%RSD	1.2137	4.2398	.84491	7.5293	1.0900	.90661	.18519	76.331

#1	-.00600	.35770	-.11041	-.00462	271.23	-.66834	42.641	-.02109
#2	-.00609	.33214	-.11022	-.00448	267.79	-.65988	42.544	-.00565
#3	-.00595	.35787	-.10872	-.00516	265.42	-.65674	42.485	-.03914

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.333	.00273	1.9783	-.05774	35.015	1.2961	-.00887	-.00778
Stddev	.327	.00095	.1554	.00056	.202	.1148	.00042	.00649
%RSD	.66280	34.632	7.8574	.96299	.57693	8.8617	4.7241	83.394

#1	49.622	.00378	2.1250	-.05710	35.195	1.4222	-.00928	-.00031
#2	49.398	.00195	1.9945	-.05812	35.054	1.2684	-.00844	-.01099
#3	48.978	.00247	1.8154	-.05800	34.797	1.1976	-.00889	-.01204

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13660	-.01105	-.00094	.02155	.05422	-2.273	.00231	1.5547
Stddev	.00932	.00179	.00084	.00201	.00231	.016	.00007	.6894
%RSD	6.8224	16.151	89.488	9.3321	4.2609	.7165	3.1906	44.344

#1	.12713	-.01189	.00003	.01962	.05539	-2.289	.00240	2.3484
#2	.14577	-.00900	-.00145	.02139	.05570	-2.257	.00228	1.1040
#3	.13689	-.01226	-.00141	.02364	.05156	-2.272	.00226	1.2118

Sample Name: LR CHECK 2 Acquired: 10/9/2019 16:14:24 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.0911
 %RSD 129.20

#1 -.33296
 #2 -2.0975
 #3 -.10323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.4	40137.	3784.6	104.71	2154.8
Stddev	13.9	193.	13.5	2.82	16.1
%RSD	.75145	.47971	.35572	2.6951	.74531

#1	1839.3	39953.	3776.1	101.45	2140.3
#2	1848.3	40120.	3777.5	106.23	2152.2
#3	1866.6	40337.	3800.1	106.44	2172.1

Sample Name: K5246-01 Acquired: 10/9/2019 16:27:21 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 391003778 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02490	.00471	.17940	.05086	.01490	24.072	1.2994	.00439
Stddev	.00250	.00057	.00094	.00054	.00144	.160	.0075	.00005
%RSD	10.041	12.051	.52282	1.0534	9.6822	.66485	.57521	1.1333
#1	.02769	.00513	.18048	.05148	.01567	23.892	1.2913	.00444
#2	.02416	.00406	.17882	.05057	.01580	24.200	1.3006	.00439
#3	.02285	.00494	.17890	.05054	.01324	24.123	1.3061	.00434
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00791	101.47	.08066	.01566	2.9955	61.966	.45473	22.875
Stddev	.00003	3.32	.00054	.00029	.0056	.169	.00095	.128
%RSD	.32667	3.2696	.67224	1.8381	.18601	.27322	.20846	.55766
#1	.00792	97.671	.08126	.01579	3.0016	61.774	.45372	22.768
#2	.00789	102.97	.08021	.01586	2.9940	62.095	.45561	23.016
#3	.00794	103.78	.08051	.01533	2.9908	62.029	.45485	22.841
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10256	.01003	11.917	.03753	5.1126	18.743	.05873	.05492
Stddev	.00020	.00033	.045	.00039	.0128	.067	.00032	.00596
%RSD	.19026	3.3168	.37570	1.0487	.25023	.35725	.54025	10.845
#1	.10246	.01025	11.872	.03787	5.1258	18.679	.05841	.05690
#2	.10279	.00964	11.962	.03762	5.1117	18.812	.05905	.04822
#3	.10244	.01019	11.917	.03710	5.1003	18.738	.05874	.05962
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.693	1.4833	.11147	.55770	.01407	F 101.0	.40767	<.00000
Stddev	.139	.0375	.00037	.01878	.00166	.3	.01410	.65591
%RSD	.28591	2.5256	.33601	3.3679	11.775	.2585	3.4589	23.326
#1	48.852	1.4404	.11105	.53609	.01289	100.7	.39157	-3.0365
#2	48.591	1.4999	.11176	.57013	.01596	101.3	.41365	-2.0732
#3	48.638	1.5096	.11161	.56687	.01335	101.0	.41780	-3.3260

Sample Name: K5246-01 Acquired: 10/9/2019 16:27:21 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 391003778 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	73.655
Stddev	1.175
%RSD	1.5946

#1	75.011
#2	73.013
#3	72.942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.4	40909.	4105.1	109.27	2140.9
Stddev	5.4	90.	114.1	1.59	5.0
%RSD	.22752	.21900	2.7795	1.4545	.23474

#1	2366.9	40951.	4236.4	111.03	2135.9
#2	2372.8	40807.	4048.9	108.85	2141.0
#3	2377.6	40971.	4030.0	107.94	2145.9

Sample Name: K5247-01 Acquired: 10/9/2019 16:31:35 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 391003772 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01909	.00075	.17456	.02086	.00635	9.2090	1.0889	.00171
Stddev	.00052	.00083	.00158	.00180	.00201	.0290	.0065	.00010
%RSD	2.7457	110.60	.90248	8.6229	31.611	.31500	.59384	5.5955
#1	.01944	.00003	.17637	.02261	.00823	9.2283	1.0961	.00169
#2	.01849	.00166	.17349	.01902	.00424	9.2231	1.0871	.00163
#3	.01934	.00056	.17382	.02095	.00657	9.1756	1.0835	.00182
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	28.907	.14190	.01136	1.0495	23.499	.26065	23.219
Stddev	.00009	.099	.00050	.00019	.0034	.048	.00085	.162
%RSD	2.2057	.34400	.35360	1.6640	.32413	.20496	.32796	.69743
#1	.00433	28.888	.14158	.01116	1.0533	23.450	.26105	23.307
#2	.00425	28.819	.14165	.01154	1.0469	23.546	.25967	23.318
#3	.00415	29.015	.14248	.01138	1.0482	23.500	.26124	23.032
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09921	.00668	1.6966	.01250	2.3359	20.955	.07441	.06067
Stddev	.00020	.00021	.0101	.00052	.0049	.110	.00016	.01042
%RSD	.19968	3.1154	.59363	4.1623	.20956	.52598	.21709	17.173
#1	.09941	.00679	1.7003	.01191	2.3302	21.022	.07437	.06358
#2	.09922	.00681	1.6852	.01290	2.3391	21.016	.07459	.06933
#3	.09901	.00644	1.7043	.01270	2.3383	20.828	.07428	.04911
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.140	2.1742	.18351	.09500	.00715	F 89.37	.12451	<.00000
Stddev	.074	.0129	.00051	.00392	.00250	.56	.00068	.79523
%RSD	.26401	.59221	.27717	4.1251	35.014	.6280	.54798	14.926
#1	28.120	2.1659	.18373	.09129	.00988	89.11	.12386	-5.4129
#2	28.077	2.1677	.18293	.09910	.00662	90.02	.12522	-6.0772
#3	28.222	2.1890	.18388	.09461	.00496	88.99	.12446	-4.4935

Sample Name: K5247-01 Acquired: 10/9/2019 16:31:35 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 391003772 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	28.683
Stddev	1.968
%RSD	6.8599

#1	28.386
#2	26.880
#3	30.782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.2	41501.	4010.4	109.99	2255.7
Stddev	2.6	99.	25.1	1.69	4.6
%RSD	.10686	.23867	.62649	1.5400	.20488

#1	2416.1	41388.	4019.0	108.09	2260.9
#2	2411.5	41543.	4030.1	111.34	2252.0
#3	2411.9	41573.	3982.1	110.55	2254.3

Sample Name: K5248-01 Acquired: 10/9/2019 16:35:49 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 391003767 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03325	.00477	.12598	-.02924	-.00913	229.13	.13184	.02077
Stddev	.00043	.00054	.00182	.00148	.00031	.68	.00048	.00008
%RSD	1.2896	11.305	1.4477	5.0701	3.3962	.29845	.36616	.37356
#1	.03301	.00487	.12768	-.02771	-.00900	228.62	.13134	.02086
#2	.03300	.00419	.12621	-.03067	-.00948	228.86	.13187	.02074
#3	.03375	.00525	.12406	-.02935	-.00890	229.90	.13231	.02072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00692	33.051	.01606	.08568	.06299	118.37	1.3425	11.992
Stddev	.00009	.044	.00037	.00008	.00016	.51	.0010	.015
%RSD	1.2872	.13401	2.3322	.09669	.25233	.42887	.07358	.12794
#1	.00686	33.093	.01593	.08571	.06283	118.85	1.3435	11.991
#2	.00702	33.005	.01576	.08575	.06300	117.84	1.3423	11.976
#3	.00687	33.056	.01648	.08559	.06315	118.42	1.3416	12.007
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20720	-.00012	.75288	.04918	1.0939	.31932	.00018	-.03079
Stddev	.00090	.00013	.00353	.00013	.0024	.01296	.00014	.00318
%RSD	.43470	105.90	.46925	.25499	.22419	4.0575	76.640	10.335
#1	.20641	-.00010	.75105	.04932	1.0966	.32788	.00006	-.02829
#2	.20701	-.00026	.75695	.04907	1.0917	.30441	.00015	-.03438
#3	.20818	-.00000	.75064	.04914	1.0936	.32566	.00034	-.02971
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.178	.61824	-.00073	.20266	-.00377	F 27.12	-.03397	<.00000
Stddev	.111	.00183	.00048	.00054	.00059	.20	.00082	1.1460
%RSD	.40995	.29615	64.931	.26465	15.617	.7254	2.4101	1.5314
#1	27.284	.62018	-.00106	.20258	-.00332	26.90	-.03459	-74.726
#2	27.062	.61799	-.00019	.20216	-.00444	27.17	-.03304	-73.746
#3	27.187	.61654	-.00096	.20323	-.00357	27.29	-.03429	-76.030

Sample Name: K5248-01 Acquired: 10/9/2019 16:35:49 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 391003767 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 467.52
Stddev	7.44
%RSD	1.5924

#1	462.52
#2	476.08
#3	463.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5603.6	95572.	9549.7	106.40	2031.1
Stddev	8.0	585.	49.2	.38	2.9
%RSD	.14353	.61234	.51531	.35285	.14300

#1	5611.9	95092.	9498.1	106.23	2029.6
#2	5595.8	96224.	9596.2	106.83	2034.5
#3	5603.2	95399.	9554.7	106.15	2029.3

Sample Name: K5249-01 Acquired: 10/9/2019 16:40:16 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 391003747 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.01020	.06949	-.03691	-.00276	4.8712	1.4402	.01007
Stddev	.00238	.00134	.00245	.00215	.00136	.0157	.0040	.00017
%RSD	673.77	13.113	3.5244	5.8384	49.150	.32147	.27629	1.6465
#1	-.00169	.00953	.07170	-.03584	-.00121	4.8884	1.4448	.00997
#2	-.00022	.01174	.06992	-.03939	-.00334	4.8576	1.4383	.00998
#3	.00297	.00934	.06686	-.03549	-.00373	4.8677	1.4376	.01026
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01198	72.209	-.00352	.01845	2.3839	248.23	4.0113	8.7619
Stddev	.00044	.072	.00033	.00020	.0105	.96	.0016	.0174
%RSD	3.6954	.10010	9.3910	1.0638	.44015	.38523	.03980	.19821
#1	-.01213	72.219	-.00315	.01832	2.3957	248.54	4.0097	8.7478
#2	-.01233	72.132	-.00366	.01835	2.3757	249.00	4.0129	8.7566
#3	-.01148	72.275	-.00376	.01867	2.3803	247.16	4.0112	8.7813
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13430	.01074	2.8794	.00892	2.1594	10.112	.01186	.05414
Stddev	.00039	.00070	.0293	.00031	.0106	.035	.00045	.01143
%RSD	.28937	6.5076	1.0162	3.4939	.49093	.35053	3.8026	21.110
#1	.13469	.01135	2.9126	.00870	2.1664	10.087	.01232	.04095
#2	.13391	.01089	2.8572	.00928	2.1472	10.153	.01142	.06112
#3	.13431	.00998	2.8684	.00879	2.1647	10.097	.01185	.06035
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.439	1.3845	.07803	.06394	.00483	F 93.25	1.6606	<.00000
Stddev	.320	.0107	.00033	.00157	.00016	.82	.0056	1.0379
%RSD	.57634	.77622	.42758	2.4586	3.2949	.8769	.33685	16.525
#1	55.669	1.3799	.07767	.06372	.00466	92.96	1.6654	-5.4729
#2	55.074	1.3967	.07833	.06249	.00487	92.61	1.6620	-7.4510
#3	55.573	1.3768	.07809	.06561	.00497	94.17	1.6545	-5.9171

Sample Name: K5249-01 Acquired: 10/9/2019 16:40:16 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 391003747 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 365.09
 Stddev 3.49
 %RSD .95558

#1 361.16
 #2 366.29
 #3 367.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.1	40388.	3946.9	105.76	2185.9
Stddev	10.4	98.	4.2	3.07	10.2
%RSD	.44059	.24323	.10592	2.8998	.46506

#1	2339.5	40359.	3942.6	108.27	2176.9
#2	2359.3	40308.	3947.1	102.34	2196.9
#3	2354.7	40498.	3951.0	106.66	2183.9

Sample Name: K5250-01 Acquired: 10/9/2019 16:44:39 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 391003743 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	.00296	.05004	.02437	-.00135	200.18	.91203	.00146
Stddev	.00137	.00126	.00155	.00416	.00194	1.58	.00478	.00016
%RSD	193.29	42.669	3.1024	17.054	143.85	.78824	.52435	10.974
#1	-.00087	.00297	.05094	.02817	-.00153	200.68	.91341	.00134
#2	.00164	.00421	.04825	.01993	.00067	198.41	.90671	.00164
#3	.00136	.00169	.05094	.02499	-.00318	201.45	.91596	.00140
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	42.881	.04032	.00480	.92298	27.711	.46717	7.7520
Stddev	.00014	1.736	.00032	.00013	.00165	.095	.00012	.0664
%RSD	12.457	4.0490	.79898	2.7421	.17898	.34244	.02539	.85684
#1	.00121	44.700	.04069	.00494	.92131	27.816	.46708	7.7473
#2	.00099	41.241	.04017	.00469	.92300	27.685	.46713	7.6881
#3	.00126	42.703	.04011	.00476	.92462	27.632	.46730	7.8207
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03631	.00345	4.4282	.01288	4.3176	8.1174	.01163	.10343
Stddev	.00046	.00032	.0117	.00043	.0083	.0495	.00035	.00613
%RSD	1.2673	9.3116	.26465	3.3699	.19187	.60924	3.0413	5.9270
#1	.03599	.00377	4.4155	.01238	4.3094	8.0944	.01154	.10971
#2	.03684	.00346	4.4304	.01320	4.3174	8.0836	.01202	.09746
#3	.03610	.00312	4.4386	.01305	4.3260	8.1741	.01133	.10313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.859	1.5510	.06242	.11226	.00639	F 131.0	.74126	<.00000
Stddev	.026	.0618	.00060	.00248	.00336	.5	.02922	.30030
%RSD	.15584	3.9818	.96772	2.2117	52.560	.3784	3.9421	9.8656
#1	16.838	1.6114	.06283	.11001	.01026	130.5	.77060	-3.3222
#2	16.850	1.4880	.06172	.11492	.00416	131.1	.71215	-2.7256
#3	16.889	1.5535	.06270	.11184	.00477	131.5	.74104	-3.0840

Sample Name: K5250-01 Acquired: 10/9/2019 16:44:39 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 391003743 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	32.852
Stddev	.775
%RSD	2.3591

#1	32.007
#2	33.021
#3	33.529

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.0	40963.	4045.4	110.57	2160.3
Stddev	3.7	18.	131.5	3.95	5.7
%RSD	.15641	.04358	3.2507	3.5693	.26478

#1	2384.1	40984.	3910.4	106.29	2165.8
#2	2378.9	40953.	4173.1	114.06	2160.8
#3	2376.9	40952.	4052.6	111.37	2154.4

Sample Name: K5251-01 Acquired: 10/9/2019 16:49:05 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 391003711 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	.00712	.13048	-.02594	-.00371	12.488	1.0982	.00725
Stddev	.00183	.00091	.00244	.00200	.00097	.056	.0047	.00020
%RSD	47.838	12.796	1.8680	7.6914	26.056	.44982	.43006	2.7935
#1	.00228	.00659	.13306	-.02794	-.00409	12.455	1.0969	.00701
#2	.00585	.00817	.12821	-.02593	-.00261	12.456	1.0942	.00734
#3	.00336	.00659	.13017	-.02395	-.00442	12.553	1.1034	.00739
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00807	34.787	.02646	.01474	1.4117	194.12	1.3080	7.3520
Stddev	.00009	.083	.00038	.00012	.0018	.61	.0019	.0494
%RSD	1.1724	.23866	1.4447	.82507	.13038	.31289	.14783	.67135
#1	-.00797	34.692	.02641	.01461	1.4099	194.79	1.3076	7.2959
#2	-.00808	34.828	.02611	.01474	1.4116	193.94	1.3063	7.3714
#3	-.00816	34.842	.02687	.01485	1.4136	193.62	1.3101	7.3887
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10078	.01872	4.3502	.01860	1.8696	8.7306	.01223	.02317
Stddev	.00044	.00073	.0088	.00013	.0033	.0441	.00030	.00606
%RSD	.43212	3.8778	.20281	.68776	.17748	.50556	2.4618	26.161
#1	.10048	.01946	4.3413	.01873	1.8732	8.7299	.01193	.03002
#2	.10059	.01869	4.3503	.01858	1.8667	8.6868	.01223	.02100
#3	.10128	.01801	4.3589	.01848	1.8690	8.7750	.01254	.01849
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.262	1.3832	.08486	.11621	.00079	F 93.25	.19919	<.00000
Stddev	.047	.0220	.00234	.00090	.00072	.85	.00053	.67538
%RSD	.16202	1.5898	2.7610	.77506	90.516	.9123	.26639	9.3956
#1	29.231	1.4066	.08364	.11519	.00078	94.12	.19859	-7.8466
#2	29.240	1.3801	.08756	.11653	.00008	92.42	.19960	-6.4971
#3	29.317	1.3630	.08337	.11690	.00152	93.20	.19937	-7.2211

Sample Name: K5251-01 Acquired: 10/9/2019 16:49:05 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 391003711 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 263.92
 Stddev .65
 %RSD .24455

#1 263.74
 #2 263.38
 #3 264.63

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.1	41213.	3999.6	106.88	2208.9
Stddev	6.5	88.	3.9	2.70	2.4
%RSD	.27377	.21286	.09850	2.5245	.10846

#1	2389.4	41278.	3999.7	108.48	2206.6
#2	2380.2	41247.	3995.6	108.39	2211.4
#3	2376.8	41113.	4003.5	103.76	2208.9

Sample Name: CCV02 Acquired: 10/9/2019 16:53:30 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15577 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8929	4.8935	4.8932	4.9229	4.9156	9.7118	9.7247
Stddev	.0111	.0066	.0090	.0180	.0134	.0855	.0520
%RSD	.22739	.13467	.18428	.36585	.27328	.88042	.53465

#1	4.8841	4.8916	4.8952	4.9209	4.9180	9.6178	9.6914
#2	4.9054	4.9009	4.9010	4.9419	4.9277	9.7849	9.7846
#3	4.8891	4.8881	4.8833	4.9060	4.9012	9.7328	9.6981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24816	2.3952	24.728	.97078	2.4351	1.2378	4.8764
Stddev	.00062	.0037	.100	.00532	.0058	.0010	.0062
%RSD	.24936	.15582	.40417	.54843	.23699	.07851	.12803

#1	.24853	2.3963	24.768	.96496	2.4370	1.2370	4.8743
#2	.24744	2.3983	24.802	.97199	2.4397	1.2389	4.8835
#3	.24850	2.3911	24.614	.97540	2.4286	1.2375	4.8715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4477	23.943	2.4282	1.2200	24.167	2.4626	2.4149
Stddev	.0068	.110	.0066	.0031	.103	.0049	.0030
%RSD	.27645	.45865	.27285	.25024	.42670	.19723	.12294

#1	2.4525	23.852	2.4329	1.2168	24.110	2.4596	2.4159
#2	2.4507	24.065	2.4310	1.2203	24.286	2.4600	2.4173
#3	2.4400	23.913	2.4206	1.2229	24.105	2.4682	2.4116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.130	4.9643	4.7319	4.9003	5.0624	4.8740	4.9732
Stddev	.010	.0054	.0308	.0122	.0288	.0024	.0186
%RSD	.04268	.10874	.65180	.24898	.56832	.04838	.37469

#1	24.125	4.9615	4.6976	4.9065	5.0725	4.8766	4.9575
#2	24.141	4.9705	4.7407	4.9080	5.0300	4.8720	4.9938
#3	24.123	4.9608	4.7574	4.8862	5.0848	4.8735	4.9682

Sample Name: CCV02 Acquired: 10/9/2019 16:53:30 Type: Unk
 Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15577 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0436	5.342	5.0138	F<.00000	F 3.1624
Stddev	.0227	.042	.0173	.71674	2.0356
%RSD	.44974	.7821	.34437	47.984	64.369
#1	5.0622	5.360	5.0319	-.73666	4.6338
#2	5.0504	5.372	5.0119	-1.5826	.83928
#3	5.0183	5.294	4.9975	-2.1619	4.0142
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.4	39448.	3847.3	106.03	2077.4
Stddev	5.1	133.	26.4	.84	6.0
%RSD	.22404	.33613	.68523	.79485	.28830
#1	2289.2	39374.	3818.1	106.55	2075.2
#2	2282.9	39369.	3854.3	105.06	2072.9
#3	2293.1	39601.	3869.4	106.49	2084.2

Sample Name: CCB02 Acquired: 10/9/2019 17:03:30 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00142	F .00459	.00143	-.00365	.01399	-.00057
Stddev	.00116	.00055	.00061	.00478	.00128	.00150	.00029
%RSD	152.52	38.847	13.170	334.29	34.998	10.746	50.701

#1	.00044	-.00183	.00503	.00695	-.00483	.01274	-.00076
#2	-.00086	-.00164	.00486	-.00161	-.00229	.01566	-.00072
#3	-.00188	-.00079	.00390	-.00104	-.00382	.01357	-.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00029	-.03139	-.00068	.00021	.00076	.00062
Stddev	.00007	.00003	.02640	.00027	.00036	.00083	.00050
%RSD	33.420	9.7852	84.084	39.397	168.07	110.14	80.498

#1	.00028	-.00025	-.00139	-.00057	.00057	.00110	.00065
#2	.00023	-.00031	-.04172	-.00049	.00022	-.00019	.00010
#3	.00014	-.00030	-.05107	-.00099	-.00015	.00137	.00110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.01255	.00028	.00074	.05303	-.00054	-.00018
Stddev	.00005	.03187	.00006	.00087	.00551	.00062	.00005
%RSD	46.360	253.96	20.750	116.98	10.393	114.18	27.058

#1	.00017	.02037	.00021	.00001	.05537	-.00126	-.00019
#2	.00012	-.01478	.00031	.00170	.04674	-.00022	-.00013
#3	.00006	-.04324	.00031	.00051	.05699	-.00016	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10933	-.00042	-.01945	.00188	-.00115	-.00118	.00025
Stddev	.03798	.00009	.00497	.00548	.00171	.00065	.00111
%RSD	34.735	20.921	25.547	291.40	148.95	55.380	445.51

#1	.15228	-.00040	-.02421	-.00433	.00029	-.00110	.00149
#2	.08017	-.00034	-.01985	.00395	-.00304	-.00187	-.00063
#3	.09555	-.00051	-.01430	.00602	-.00069	-.00057	-.00012

Sample Name: CCB02 Acquired: 10/9/2019 17:03:30 Type: Unk
Method: P4-ICP2(v3437) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01187	F .0132	.00011	F<.00000	F<.00000
Stddev	.00237	.0092	.00002	.65300	1.2606
%RSD	19.947	70.29	16.030	13.978	287.04
#1	.01095	.0218	.00013	-3.9364	-.23522
#2	.01010	.0034	.00010	-5.1839	.70698
#3	.01456	.0143	.00011	-4.8946	-1.7892
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.9	40701.	3869.5	109.95	2311.6
Stddev	5.1	189.	24.5	1.43	3.2
%RSD	.21579	.46476	.63419	1.3009	.13954
#1	2356.4	40552.	3894.8	108.34	2309.1
#2	2366.4	40638.	3845.8	111.05	2310.5
#3	2363.0	40914.	3867.9	110.48	2315.3