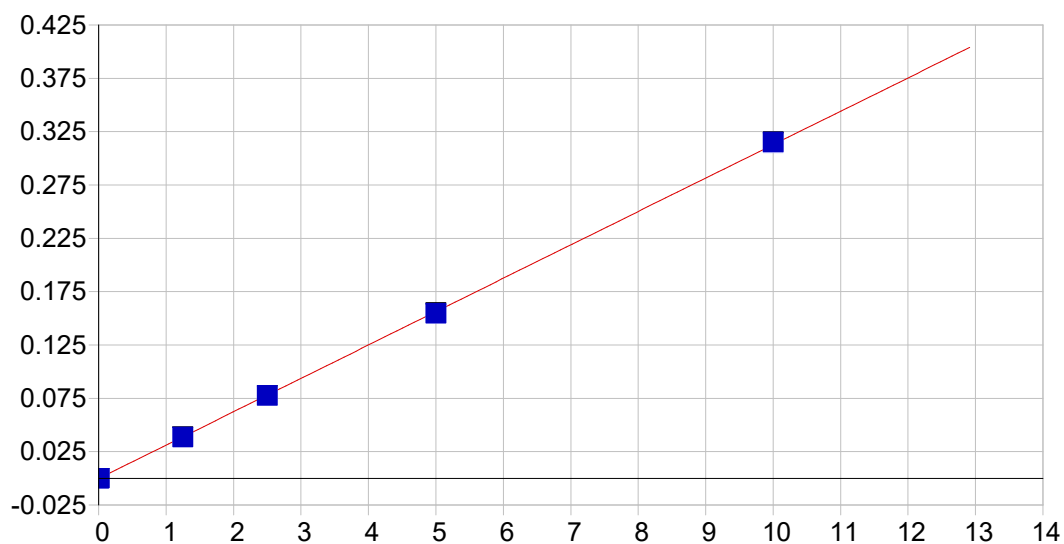


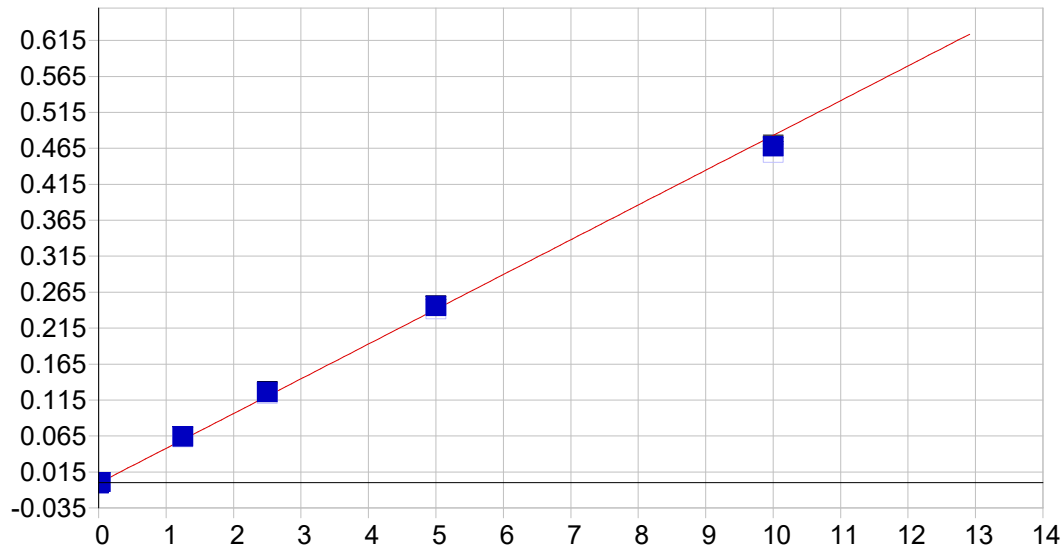


As 189.042 {479}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000207	Re-Slope:	1.000000
A1 (Gain):	0.031298	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.004475		
Predicted MQL:	0.014918		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00857	-.001	-14.3	.00006	.000	1
S2	1.2500	1.2444	-.006	-.450	.03865	.000	1
S3	2.5000	2.4828	-.017	-.690	.07731	.000	1
S4	5.0000	4.9495	-.050	-1.01	.15433	.001	1
S5	10.000	10.075	.075	.748	.31437	.001	1

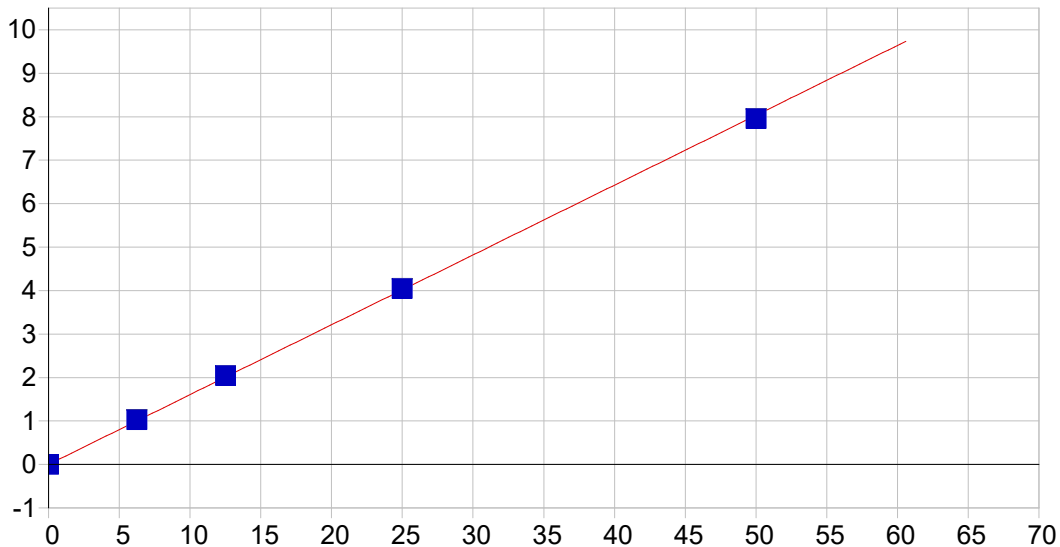


TI 190.856 {477}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.048341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999305 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.002819
 Predicted MQL: 0.009398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00054	.000	1
S1	.02500	.03028	.005	21.1	.00087	.000	1
S2	1.2500	1.3433	.093	7.46	.06328	.000	1
S3	2.5000	2.6193	.119	4.77	.12385	.001	1
S4	5.0000	5.0932	.093	1.86	.24121	.000	1
S5	10.000	9.6891	-.311	-3.11	.45892	.002	1

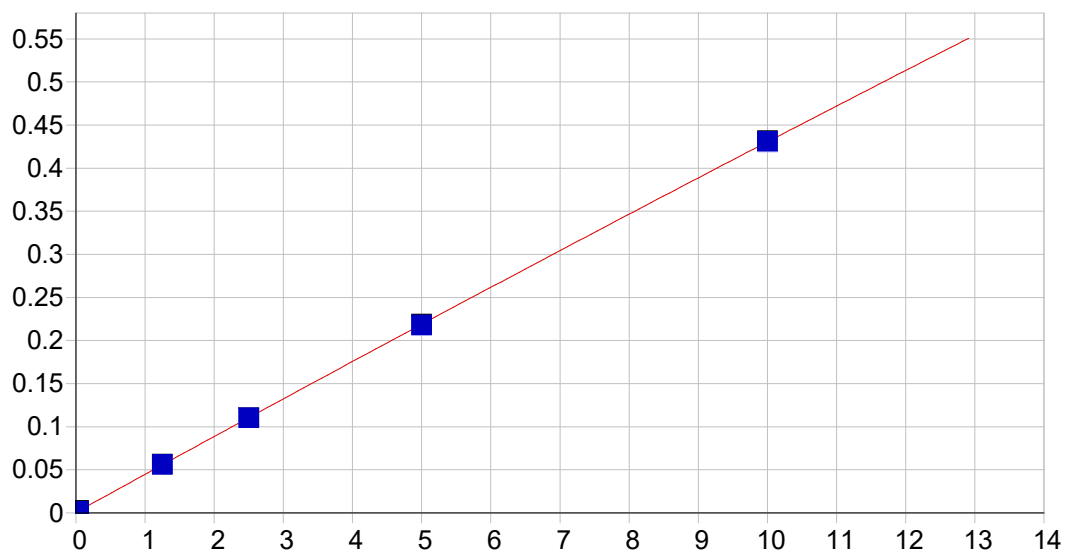


Pb 220.353 {453}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.160661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001912
 Predicted MQL: 0.006373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.01000	.01274	.003	27.4	.00192	.000	1
S2	6.2500	6.3970	.147	2.35	1.0278	.001	1
S3	12.500	12.700	.200	1.60	2.0407	.004	1
S4	25.000	25.160	.160	.640	4.0429	.008	1
S5	50.000	49.490	-.510	-1.02	7.9526	.005	1

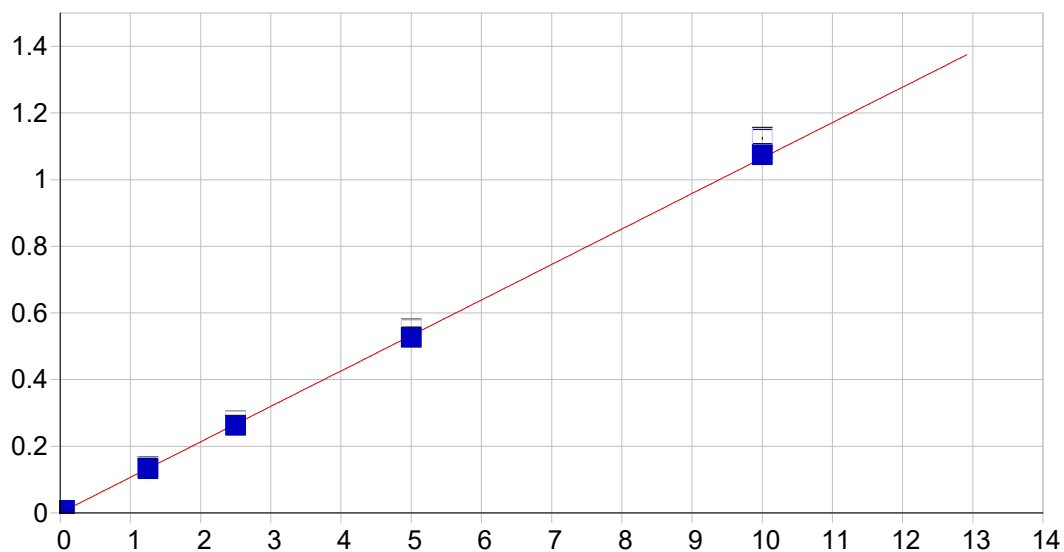


Se 196.090 {472}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000567 Re-Slope: 1.000000
 A1 (Gain): 0.044316 Y-int: 0.000000
 A2 (Curvature): -0.000132
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003975
 Predicted MQL: 0.013251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00057	.000	1
S1	.03500	.04010	.005	14.6	.00234	.000	1
S2	1.2500	1.2602	.010	.818	.05606	.000	1
S3	2.5000	2.4974	-.003	-.103	.11013	.000	1
S4	5.0000	4.9751	-.025	-.498	.21720	.001	1
S5	10.000	10.012	.012	.122	.42988	.001	1

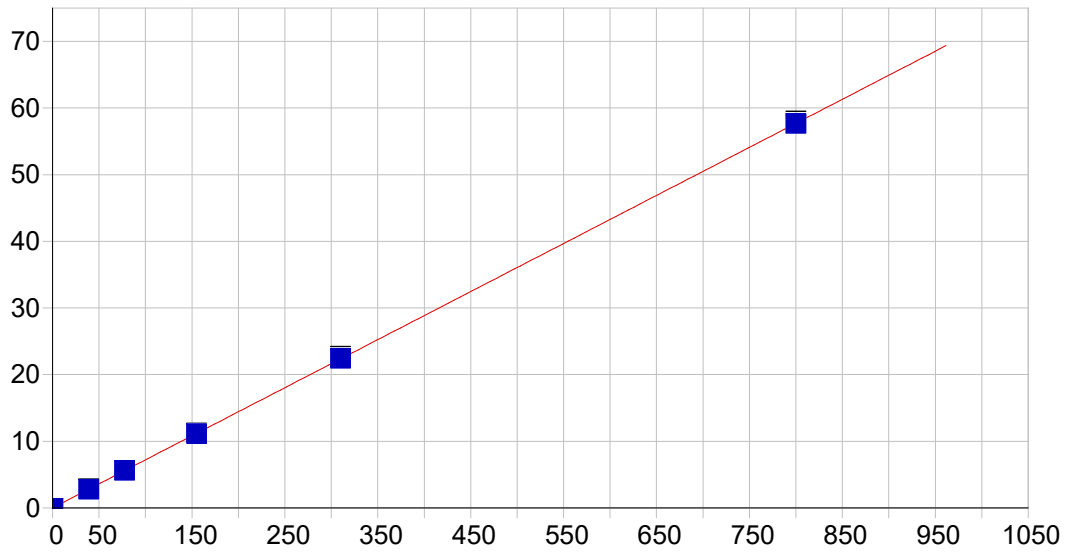


Sb 206.833 {463}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.106456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.002129
 Predicted MQL: 0.007098

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.06000	.06480	.005	8.00	.00722	.000	1
S2	1.2500	1.2424	-.008	-.612	.13870	.000	1
S3	2.5000	2.4638	-.036	-1.45	.27485	.000	1
S4	5.0000	4.9441	-.056	-1.12	.55115	.001	1
S5	10.000	10.095	.095	.952	1.1240	.003	1

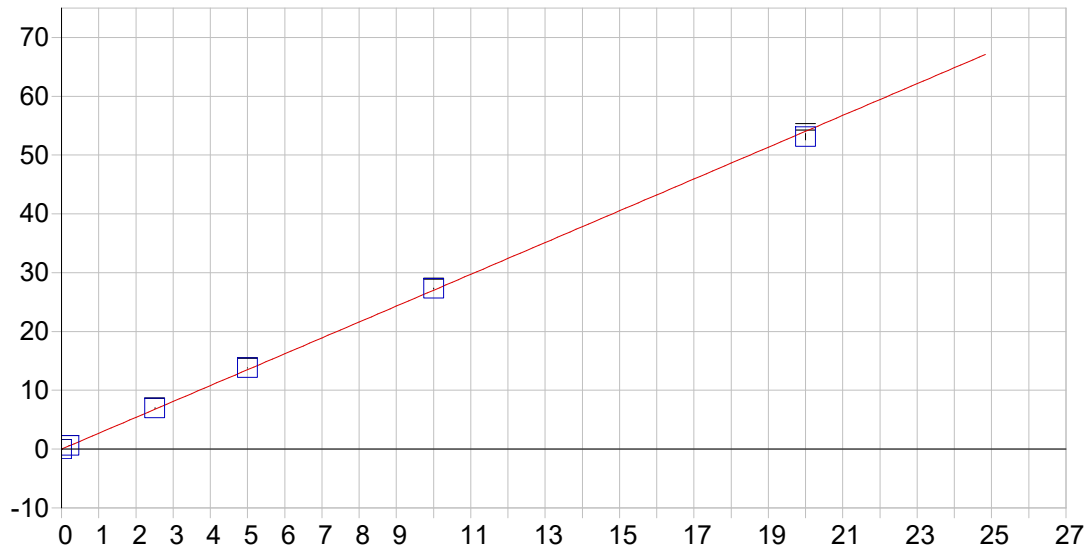


AI 396.152 { 85}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002465 Re-Slope: 1.000000
 A1 (Gain): 0.072131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.010580
 Predicted MQL: 0.035266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00246	.000	1
S1	.20000	.22578	.026	12.9	.01900	.000	1
S2	38.750	38.774	.024	.062	2.8048	.011	1
S3	77.500	77.538	.038	.049	5.6065	.019	1
S4	155.00	154.54	-.460	-.296	11.172	.047	1
S5	310.00	310.92	.922	.297	22.474	.276	1
S6	800.00	799.45	-.551	-.069	57.704	.333	1

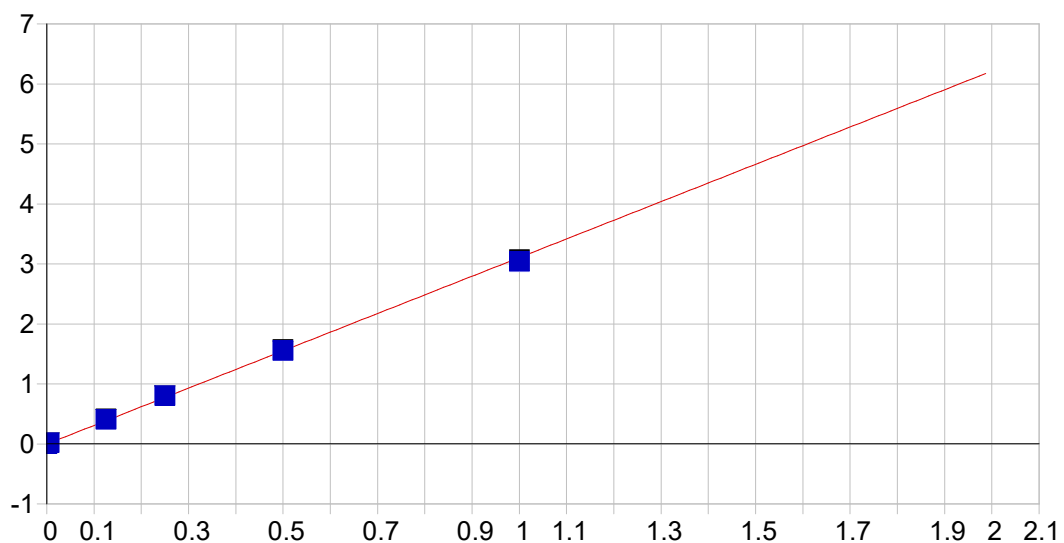


Ba 493.409 { 68}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009974 Re-Slope: 1.000000
 A1 (Gain): 2.702585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791 Status: OK.
 Std Error of Est: 0.005875
 Predicted MDL: 0.000662
 Predicted MQL: 0.002208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.01007	.001	1
S1	.20000	.22617	.026	13.1	.60126	.001	1
S2	2.5000	2.5866	.087	3.46	6.9806	.021	1
S3	5.0000	5.1137	.114	2.27	13.810	.035	1
S4	10.000	10.108	.108	1.08	27.308	.084	1
S5	20.000	19.666	-.334	-1.67	53.138	.554	1

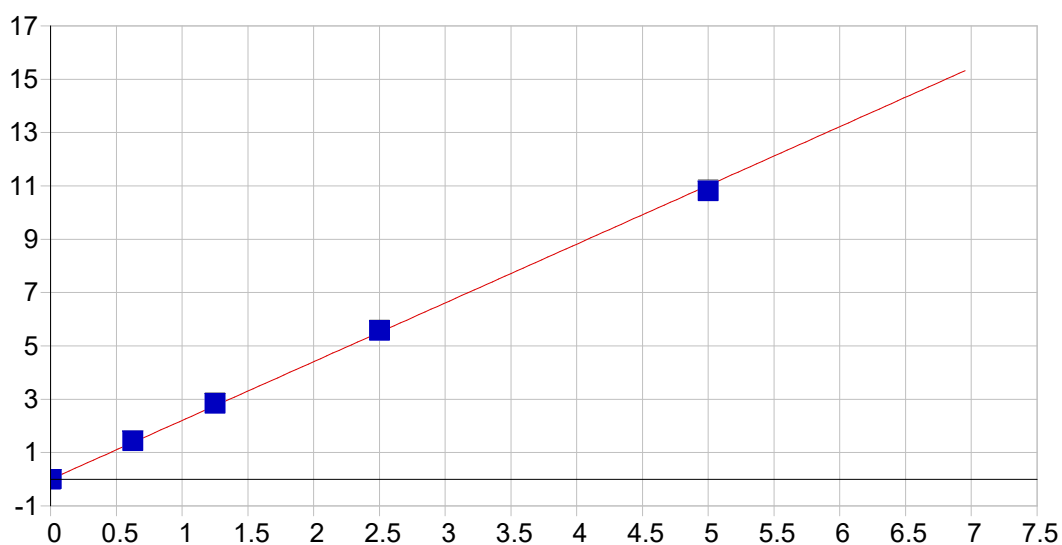


Be 234.861 {144}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002532	Re-Slope:	1.000000
A1 (Gain):	3.108167	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999586	Status:	OK.
Std Error of Est:	0.000335		
Predicted MDL:	0.000094		
Predicted MQL:	0.000313		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00254	.000	1
S1	.00500	.00609	.001	21.9	.01640	.000	1
S2	.12500	.13294	.008	6.35	.40937	.002	1
S3	.25000	.25969	.010	3.88	.80206	.002	1
S4	.50000	.50184	.002	.368	1.5521	.011	1
S5	1.0000	.97943	-.021	-2.06	3.0314	.027	1

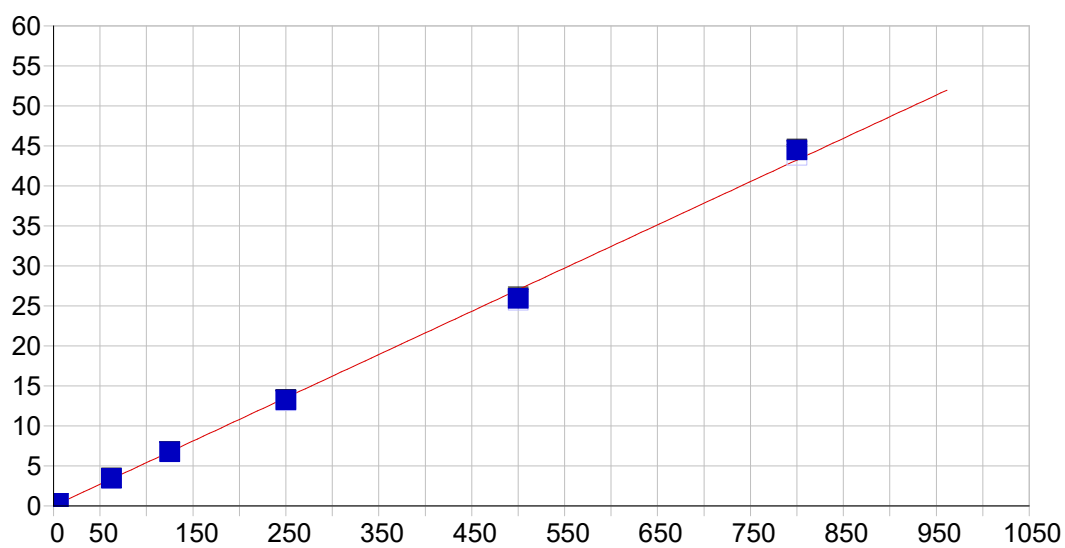


Cd 214.438 {457}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070 Re-Slope: 1.000000
 A1 (Gain): 2.203782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999742 Status: OK.
 Std Error of Est: 0.000420
 Predicted MDL: 0.000101
 Predicted MQL: 0.000337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.000007	.000	1
S1	.00500	.00558	.001	11.5	.01222	.000	1
S2	.62500	.65383	.029	4.61	1.4429	.002	1
S3	1.2500	1.2896	.040	3.17	2.8461	.005	1
S4	2.5000	2.5282	.028	1.13	5.5801	.006	1
S5	5.0000	4.9028	-.097	-1.94	10.822	.025	1

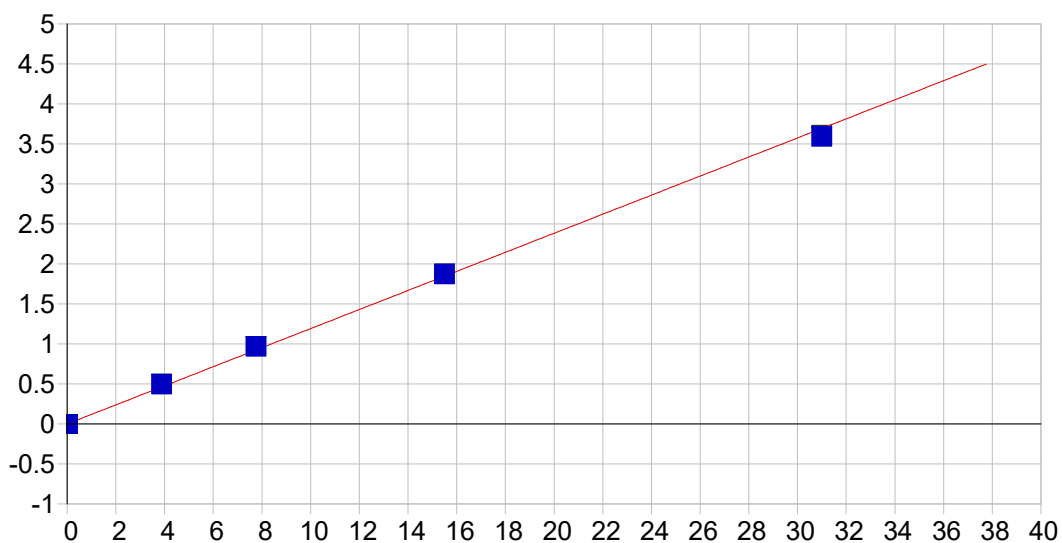


Ca 373.690 { 90}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001010 Re-Slope: 1.000000
 A1 (Gain): 0.054050 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999449 Status: OK.
 Std Error of Est: 0.006190
 Predicted MDL: 0.013744
 Predicted MQL: 0.045814

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00114	-.001	.000	.00095	.000	1
S1	5.0000	6.1814	1.18	23.6	.33503	.001	1
S2	62.500	63.961	1.46	2.34	3.4279	.004	1
S3	125.00	125.19	.186	.148	6.7068	.018	1
S4	250.00	244.87	-5.13	-2.05	13.115	.025	1
S5	500.00	479.80	-20.2	-4.04	25.692	.190	1
S6	800.00	822.63	22.6	2.83	43.820	.120	1

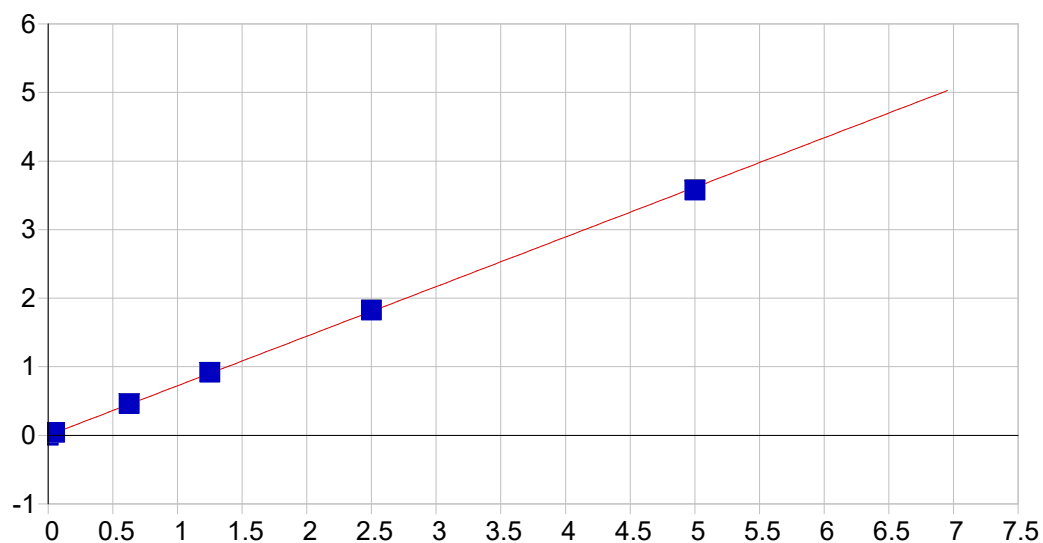


Cr 267.716 {126}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000099 Re-Slope: 1.000000
 A1 (Gain): 0.119159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999447 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000651
 Predicted MQL: 0.002170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.01000	.01224	.002	22.4	.00136	.000	1
S2	3.8750	4.1511	.276	7.12	.49511	.001	1
S3	7.7500	8.1125	.362	4.68	.96773	.001	1
S4	15.500	15.725	.225	1.45	1.8759	.003	1
S5	31.000	30.134	-.866	-2.79	3.5953	.011	1

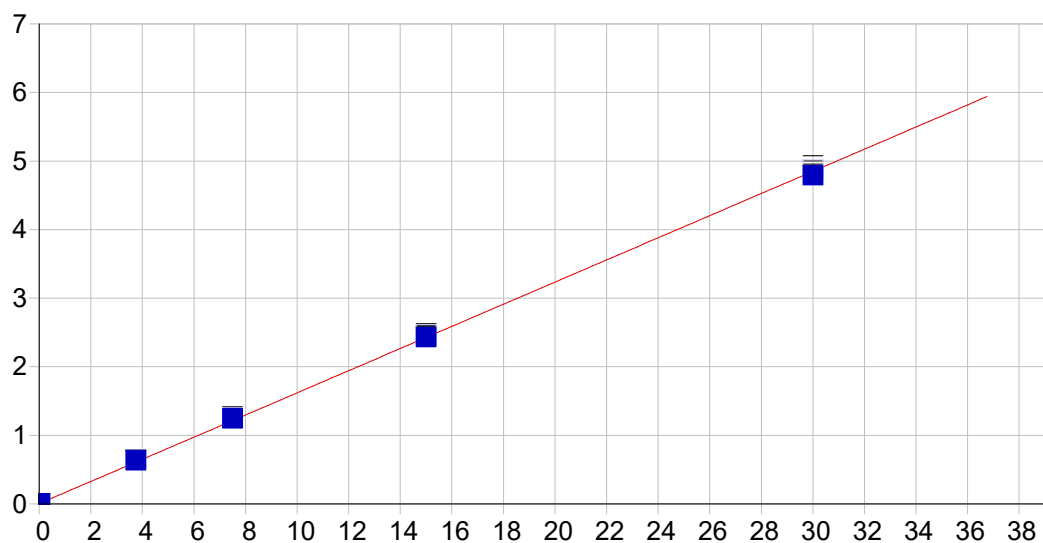


Co 228.616 {448}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000400 Re-Slope: 1.000000
 A1 (Gain): 0.723154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000268
 Predicted MDL: 0.000295
 Predicted MQL: 0.000982

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00040	.000	1
S1	.05000	.05470	.005	9.39	.03928	.000	1
S2	.62500	.63852	.014	2.16	.46207	.001	1
S3	1.2500	1.2681	.018	1.45	.91809	.002	1
S4	2.5000	2.5212	.021	.847	1.8257	.002	1
S5	5.0000	4.9425	-.058	-1.15	3.5795	.005	1

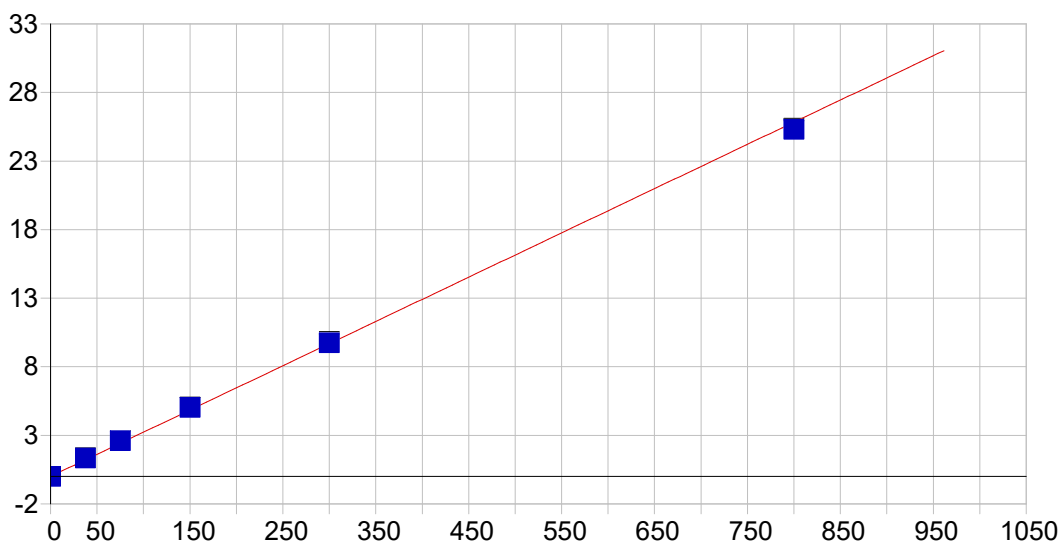


Cu 324.754 {104}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004295 Re-Slope: 1.000000
 A1 (Gain): 0.161529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.002861
 Predicted MQL: 0.009538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00429	.000	1
S1	.02500	.02461	-.000	-1.55	.00908	.000	1
S2	3.7500	3.9083	.158	4.22	.64532	.005	1
S3	7.5000	7.6744	.174	2.33	1.2634	.012	1
S4	15.000	15.011	.011	.073	2.4679	.014	1
S5	30.000	29.657	-.343	-1.14	4.8724	.063	1

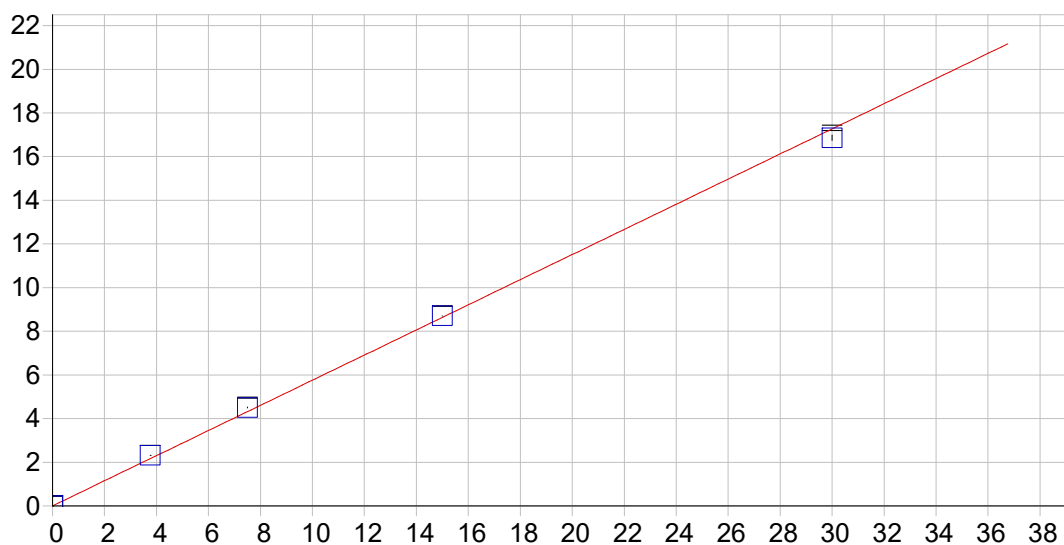


Fe 259.837 {130}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000099	Re-Slope:	1.000000
A1 (Gain):	0.032292	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999484	Status:	OK.
Std Error of Est:	0.000454		
Predicted MDL:	0.008024		
Predicted MQL:	0.026747		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00010	.000	1
S1	.10000	.11619	.016	16.2	.00398	.000	1
S2	37.500	41.322	3.82	10.2	1.3370	.002	1
S3	75.000	80.676	5.68	7.57	2.6103	.001	1
S4	150.00	155.82	5.82	3.88	5.0418	.004	1
S5	300.00	301.53	1.53	.509	9.7571	.080	1
S6	800.00	783.13	-16.9	-2.11	25.322	.073	1

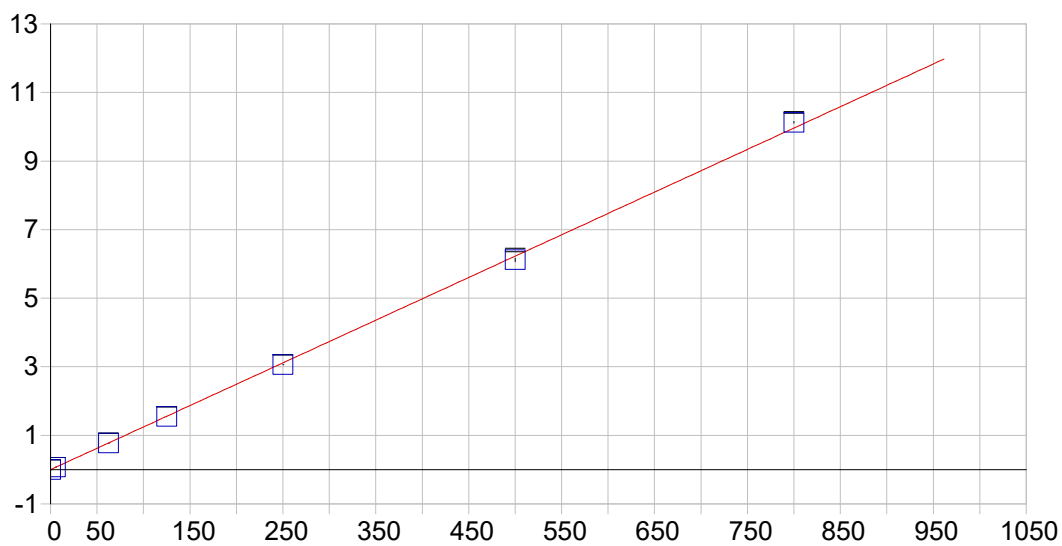


Mn 257.610 {131}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.575739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999531 Status: OK.
 Std Error of Est: 0.000627
 Predicted MDL: 0.000453
 Predicted MQL: 0.001511

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00007	.000	1
S1	.01500	.01930	.004	28.7	.01118	.000	1
S2	3.7500	4.0185	.268	7.16	2.3137	.004	1
S3	7.5000	7.8282	.328	4.38	4.5071	.023	1
S4	15.000	15.116	.116	.773	8.7029	.009	1
S5	30.000	29.283	-.717	-2.39	16.860	.126	1

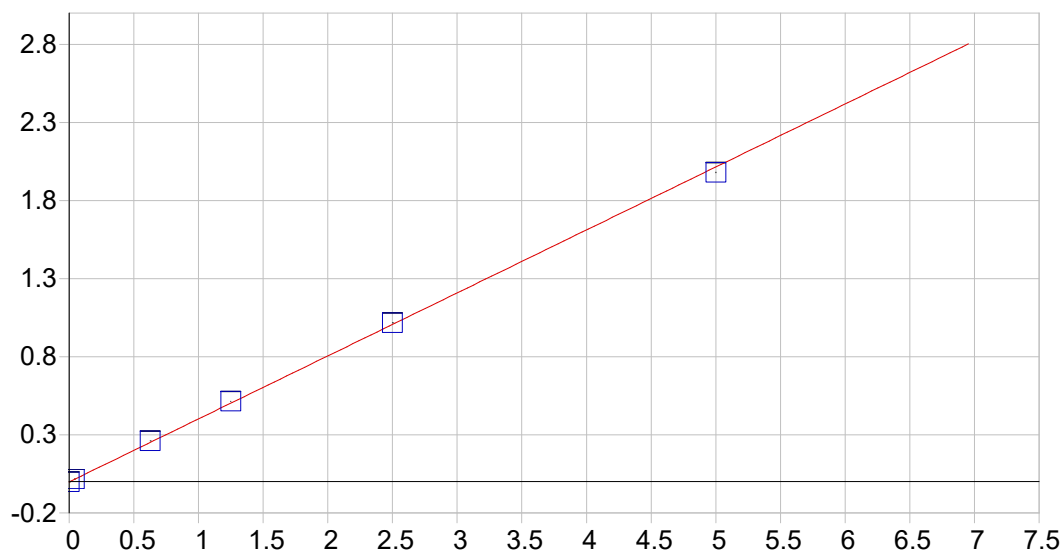


Mg 279.079 {121}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000425	Re-Slope:	1.000000
A1 (Gain):	0.012454	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999847	Status:	OK.
Std Error of Est:	0.000761		
Predicted MDL:	0.025131		
Predicted MQL:	0.083769		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00051	-.001	.000	-.00043	.000	1
S1	5.0000	5.6552	.655	13.1	.07001	.001	1
S2	62.500	62.194	-.306	-.490	.77415	.003	1
S3	125.00	124.15	-.847	-.678	1.5458	.003	1
S4	250.00	245.86	-4.14	-1.66	3.0616	.003	1
S5	500.00	491.33	-8.67	-1.73	6.1187	.053	1
S6	800.00	813.31	13.3	1.66	10.129	.024	1

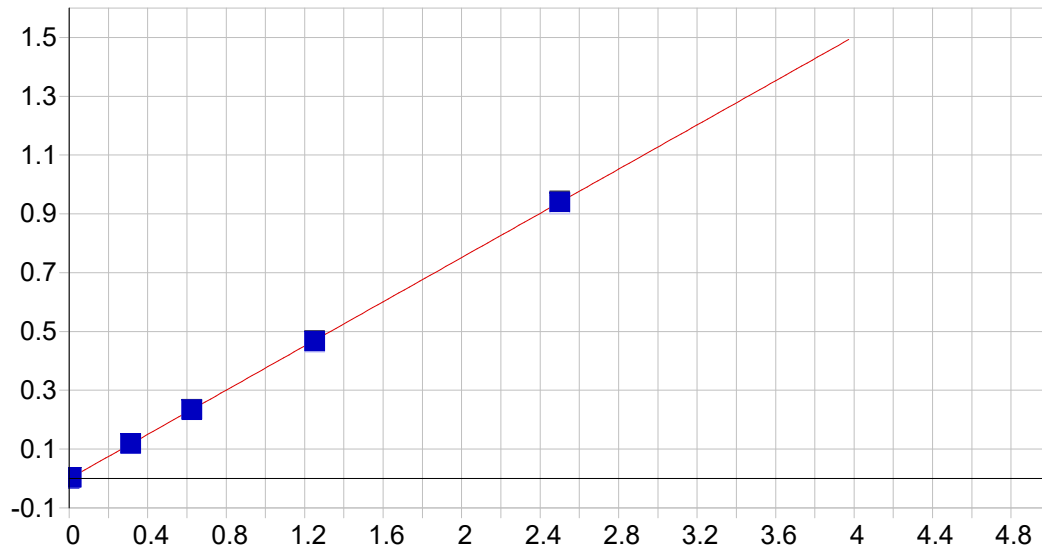


Ni 231.604 {446}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001320	Re-Slope:	1.000000
A1 (Gain):	0.403212	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999773	Status:	OK.
Std Error of Est:	0.000204		
Predicted MDL:	0.000541		
Predicted MQL:	0.001804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00132	.000	1
S1	.04000	.04588	.006	14.7	.01718	.000	1
S2	.62500	.64965	.025	3.94	.26063	.001	1
S3	1.2500	1.2795	.030	2.36	.51461	.001	1
S4	2.5000	2.5259	.026	1.03	1.0171	.001	1
S5	5.0000	4.9141	-.086	-1.72	1.9801	.003	1

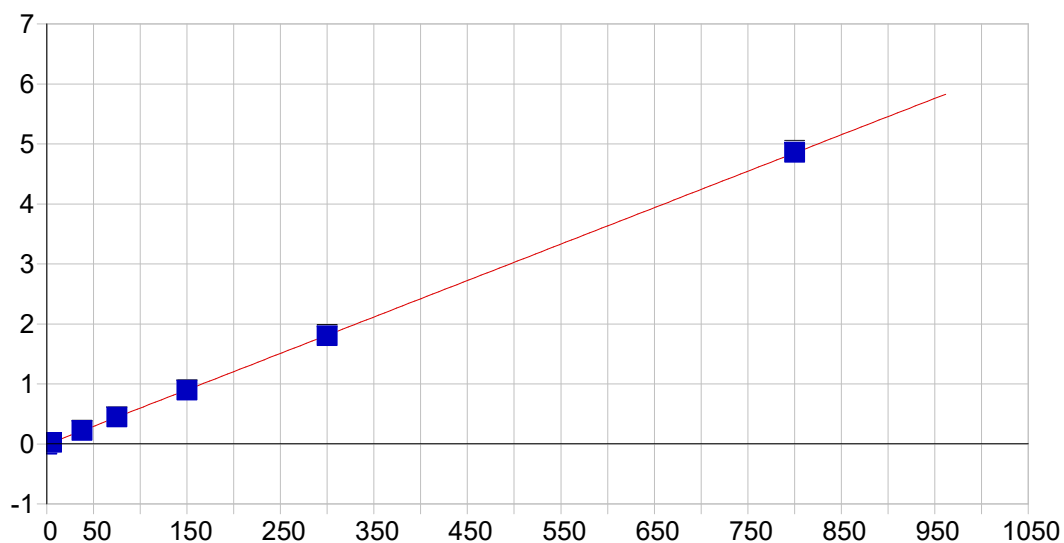


Ag 328.068 {103}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000372 Re-Slope: 1.000000
 A1 (Gain): 0.375896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.000423
 Predicted MQL: 0.001410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.01000	.01061	.001	6.06	.00358	.000	1
S2	.31250	.31590	.003	1.09	.11737	.001	1
S3	.62500	.62516	.000	.026	.23261	.001	1
S4	1.2500	1.2420	-.008	-.639	.46247	.002	1
S5	2.5000	2.5038	.004	.153	.93276	.003	1

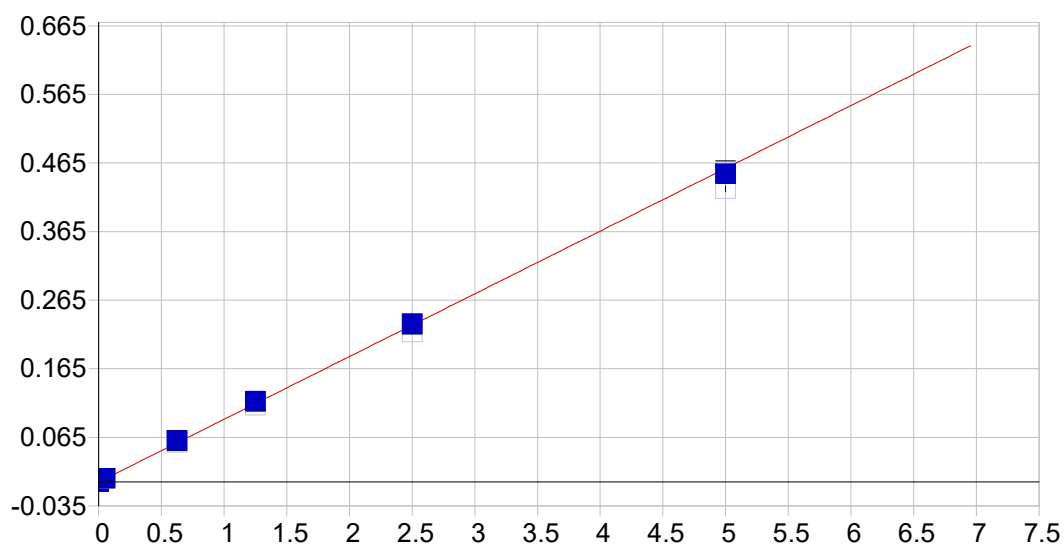


Na 818.326 { 41}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.009921	Re-Slope:	1.000000
A1 (Gain):	0.006073	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000177		
Predicted MDL:	0.272942		
Predicted MQL:	0.909806		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	-.00993	.001	1
S1	5.0000	5.6593	.659	13.2	.02445	.001	1
S2	37.500	38.018	.518	1.38	.22196	.003	1
S3	75.000	75.393	.393	.524	.44993	.001	1
S4	150.00	149.09	-.908	-.605	.89949	.002	1
S5	300.00	297.79	-2.21	-.737	1.8065	.016	1
S6	800.00	801.55	1.55	.194	4.8791	.016	1

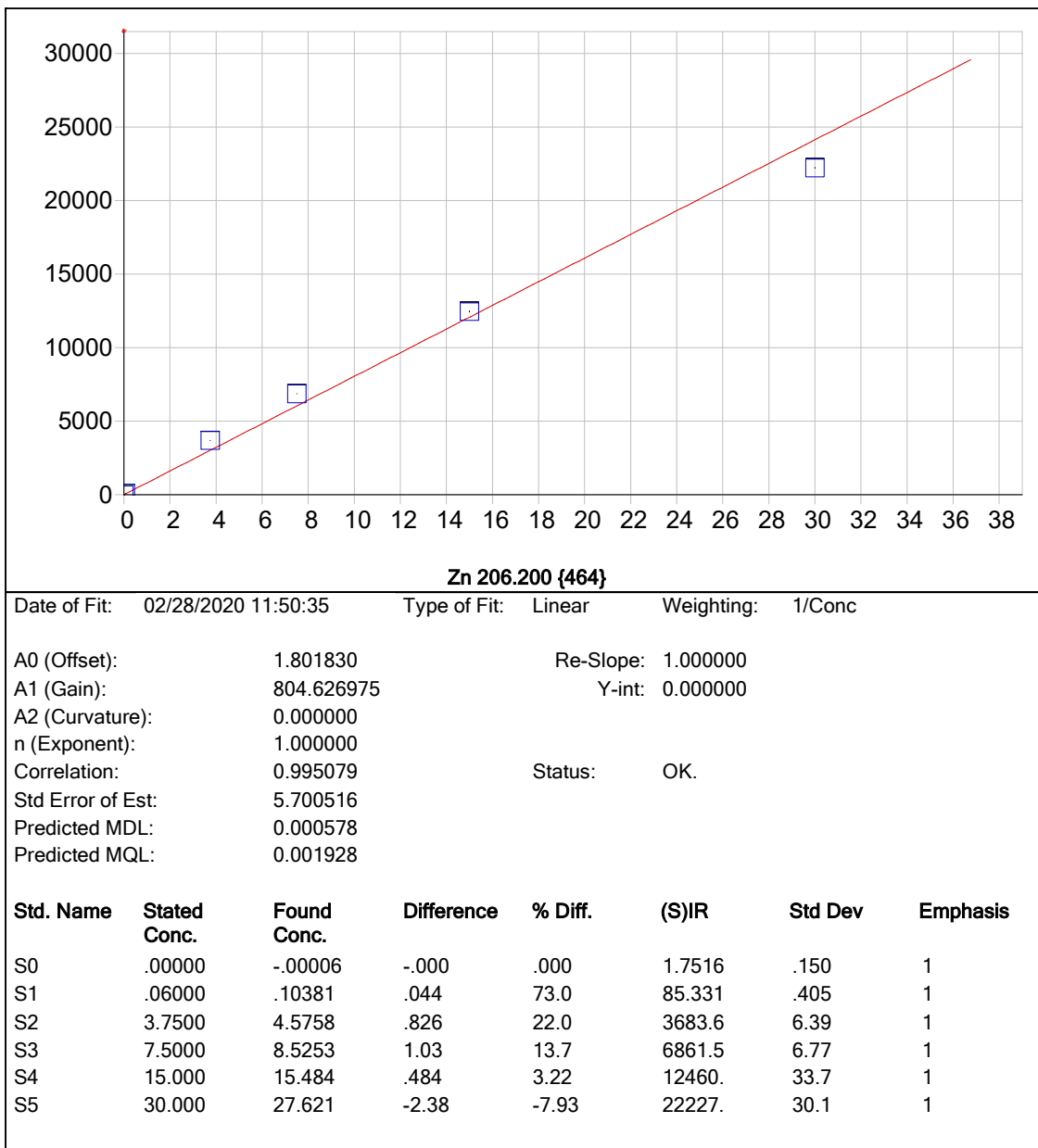


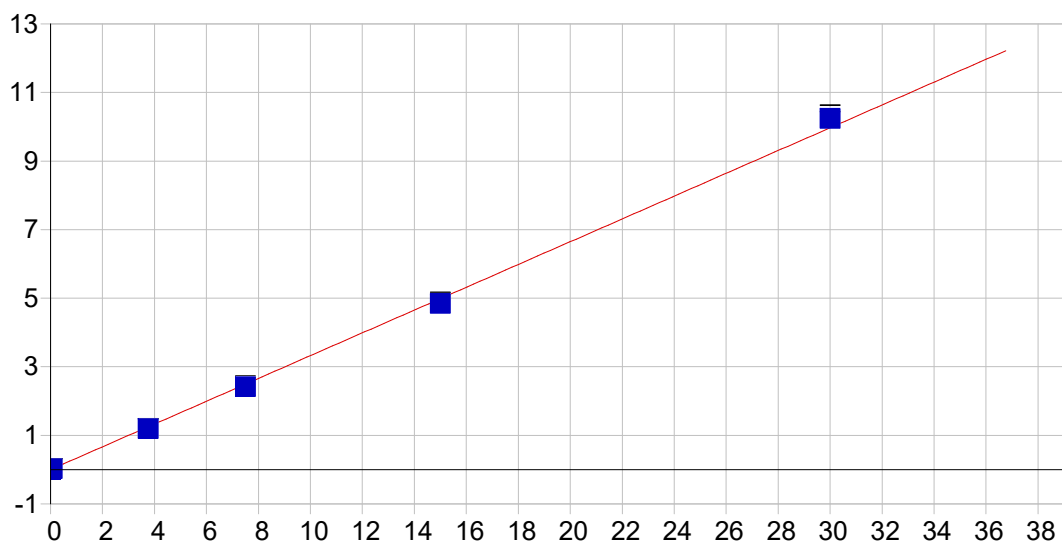
V 292.402 {115}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000213 Re-Slope: 1.000000
 A1 (Gain): 0.091487 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999646 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.003467
 Predicted MQL: 0.011558

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00021	.000	1
S1	.05000	.05995	.010	19.9	.00526	.001	1
S2	.62500	.65737	.032	5.18	.05719	.000	1
S3	1.2500	1.2833	.033	2.66	.11171	.001	1
S4	2.5000	2.5097	.010	.388	.21843	.001	1
S5	5.0000	4.9142	-.086	-1.72	.42744	.004	1



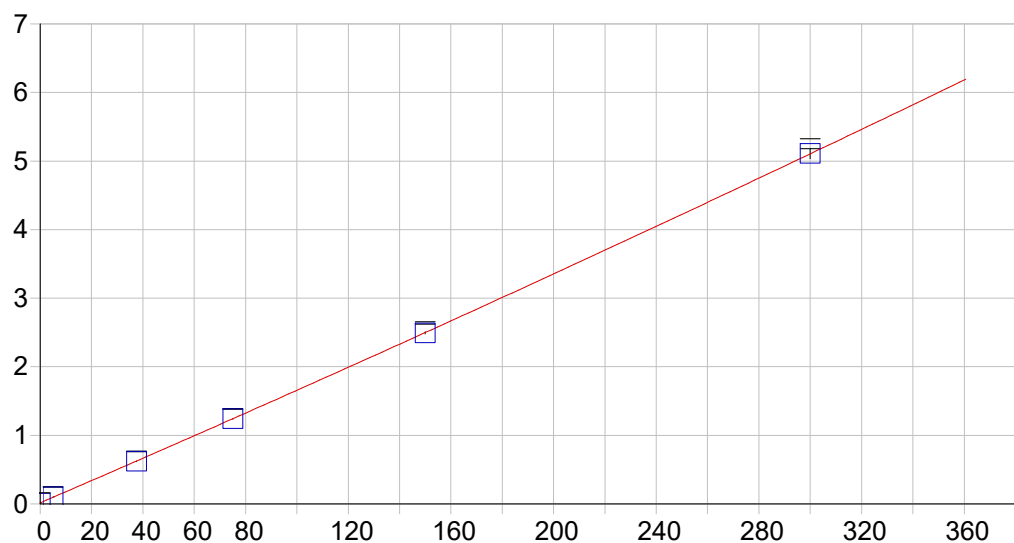


Zn 213.856 {158}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000391 Re-Slope: 1.000000
 A1 (Gain): 0.332367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999547 Status: OK.
 Std Error of Est: 0.000713
 Predicted MDL: 0.002513
 Predicted MQL: 0.008376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00039	.001	1
S1	.06000	.07606	.016	26.8	.02573	.002	1
S2	3.7500	3.5849	-.165	-4.40	1.1939	.004	1
S3	7.5000	7.2754	-.225	-3.00	2.4226	.020	1
S4	15.000	14.579	-.421	-2.81	4.8541	.032	1
S5	30.000	30.795	.795	2.65	10.252	.096	1

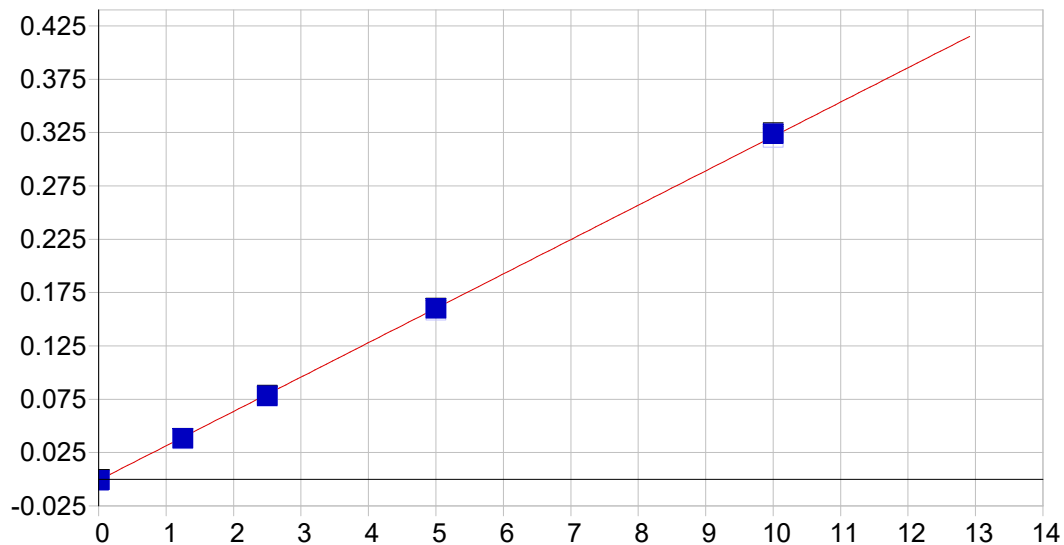


K 769.896 { 44}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.015859	Re-Slope:	1.000000
A1 (Gain):	0.016142	Y-int:	0.000000
A2 (Curvature):	0.000003		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	Warning Positive Curvature
Std Error of Est:	0.000290		
Predicted MDL:	0.086565		
Predicted MQL:	0.288549		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	.01585	.001	1
S1	5.0000	5.3844	.384	7.69	.10286	.002	1
S2	37.500	37.236	-.264	-.704	.62074	.004	1
S3	75.000	74.996	-.004	-.005	1.2419	.006	1
S4	150.00	149.73	-.270	-.180	2.4943	.015	1
S5	300.00	300.15	.154	.051	5.1080	.072	1

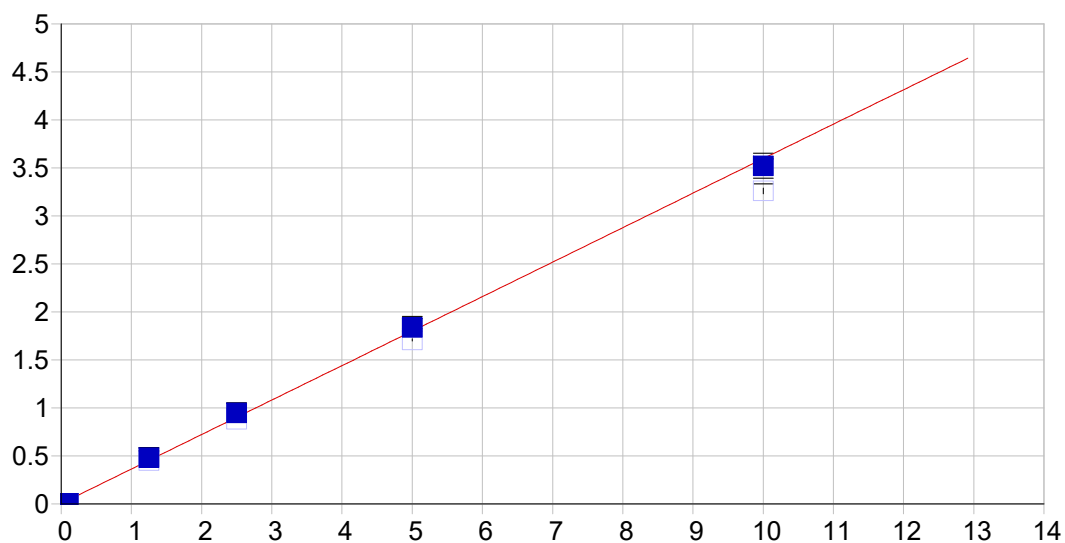


P 177.495 {490}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000884 Re-Slope: 1.000000
 A1 (Gain): 0.032222 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.003422
 Predicted MQL: 0.011405

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.01000	.00965	-.000	-3.47	-.00057	.000	1
S2	1.2500	1.2155	-.034	-2.76	.03783	.000	1
S3	2.5000	2.4522	-.048	-1.91	.07723	.001	1
S4	5.0000	5.0000	-.000	-.000	.15842	.000	1
S5	10.000	10.083	.083	.826	.32039	.001	1

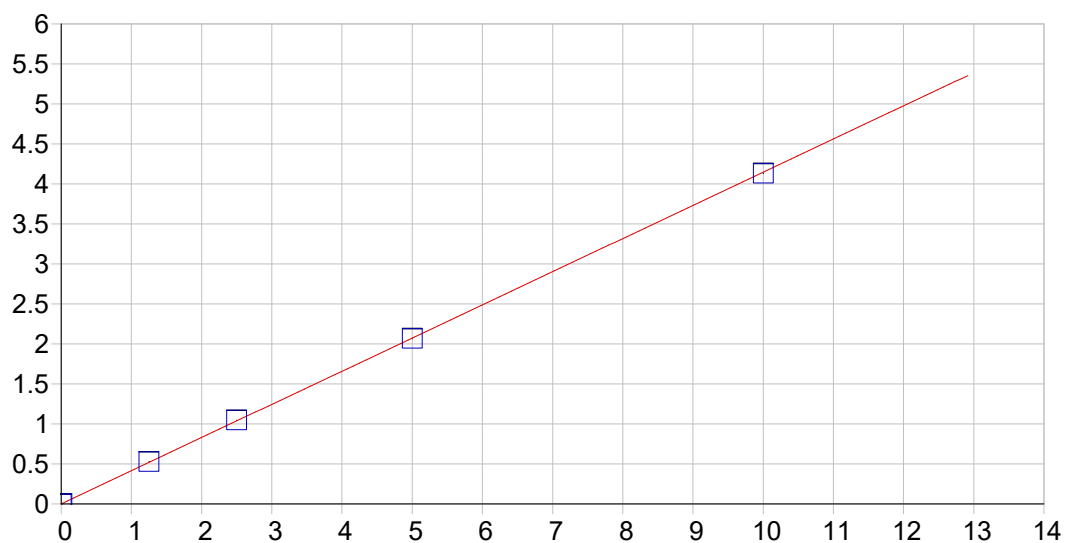


B 249.678 {135}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003925 Re-Slope: 1.000000
 A1 (Gain): 0.359220 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996995 Status: OK.
 Std Error of Est: 0.001376
 Predicted MDL: 0.001004
 Predicted MQL: 0.003346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00395	.000	1
S1	.10000	.01041	-.090	-89.6	.00759	.000	1
S2	1.2500	1.3279	.078	6.23	.44833	.002	1
S3	2.5000	2.6234	.123	4.94	.88114	.003	1
S4	5.0000	5.1058	.106	2.12	1.7077	.011	1
S5	10.000	9.7893	-.211	-2.11	3.2597	.031	1

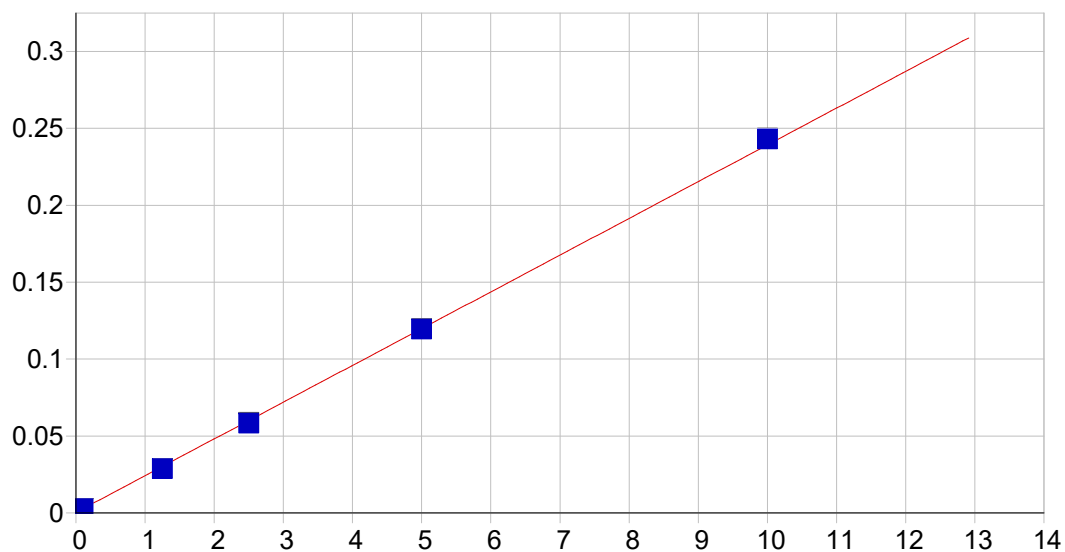


Mo 202.030 {467}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000295	Re-Slope:	1.000000
A1 (Gain):	0.414580	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.000427		
Predicted MQL:	0.001424		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.01000	.01122	.001	12.2	.00494	.000	1
S2	1.2500	1.2741	.024	1.93	.52851	.001	1
S3	2.5000	2.5226	.023	.906	1.0461	.001	1
S4	5.0000	4.9881	-.012	-.238	2.0683	.003	1
S5	10.000	9.9640	-.036	-.360	4.1311	.003	1

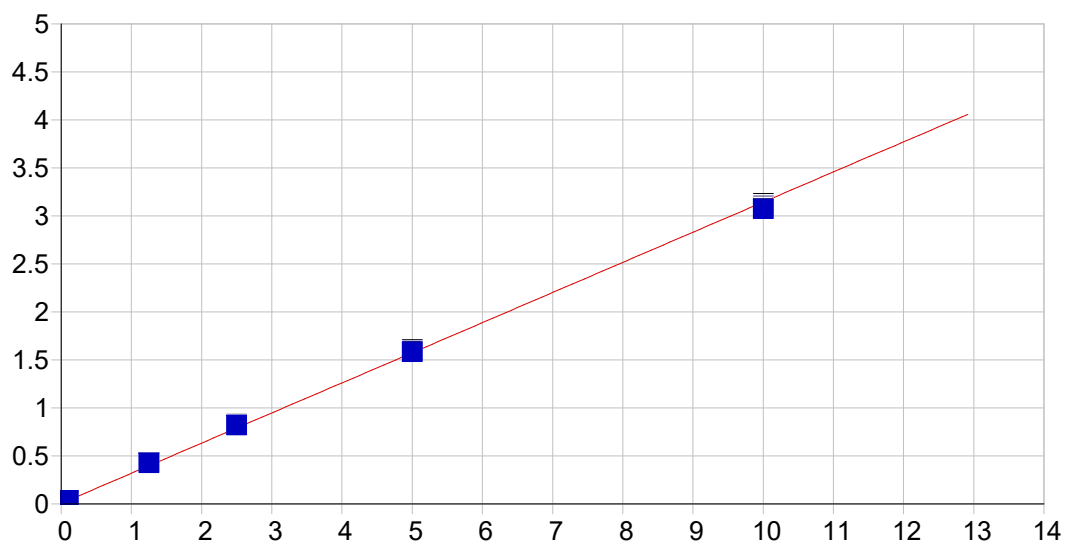


S 182.034 {485}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000344	Re-Slope:	1.000000
A1 (Gain):	0.023892	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999794	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.004990		
Predicted MQL:	0.016634		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00034	.000	1
S1	.10000	.10013	.000	.128	.00274	.000	1
S2	1.2500	1.1868	-.063	-5.05	.02876	.000	1
S3	2.5000	2.4261	-.074	-2.96	.05843	.000	1
S4	5.0000	4.9830	-.017	-.340	.11965	.000	1
S5	10.000	10.154	.154	1.54	.24345	.000	1

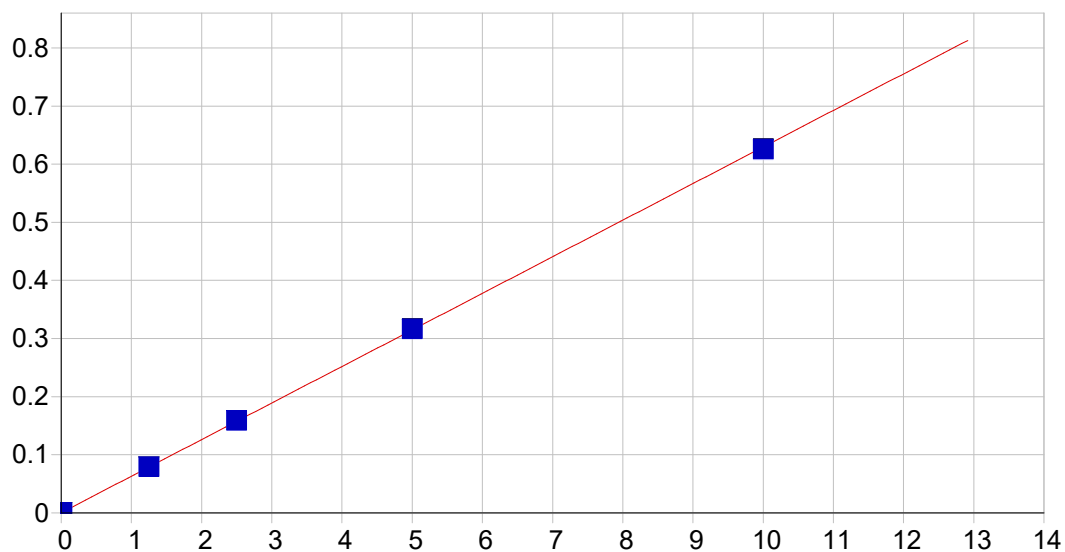


Si 251.611 {134}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005348 Re-Slope: 1.000000
 A1 (Gain): 0.313831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999560 Status: OK.
 Std Error of Est: 0.000499
 Predicted MDL: 0.001181
 Predicted MQL: 0.003938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00534	.000	1
S1	.10000	.11385	.014	13.9	.04119	.000	1
S2	1.2500	1.3411	.091	7.29	.42969	.001	1
S3	2.5000	2.5914	.091	3.66	.82555	.005	1
S4	5.0000	5.0245	.024	.490	1.5961	.010	1
S5	10.000	9.7793	-.221	-2.21	3.1022	.029	1

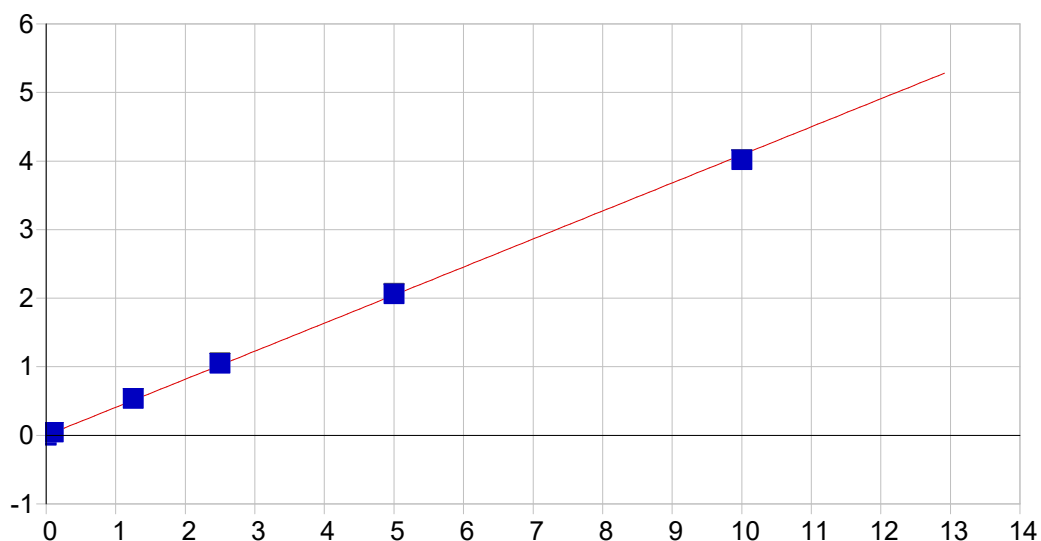


Sn 189.989 {478}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000232	Re-Slope:	1.000000
A1 (Gain):	0.062931	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.001619		
Predicted MQL:	0.005397		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.00700	.00661	-.000	-5.59	.00064	.000	1
S2	1.2500	1.2604	.010	.828	.07938	.000	1
S3	2.5000	2.5225	.023	.901	.15865	.000	1
S4	5.0000	5.0275	.028	.550	.31597	.000	1
S5	10.000	9.9400	-.060	-.600	.62446	.001	1

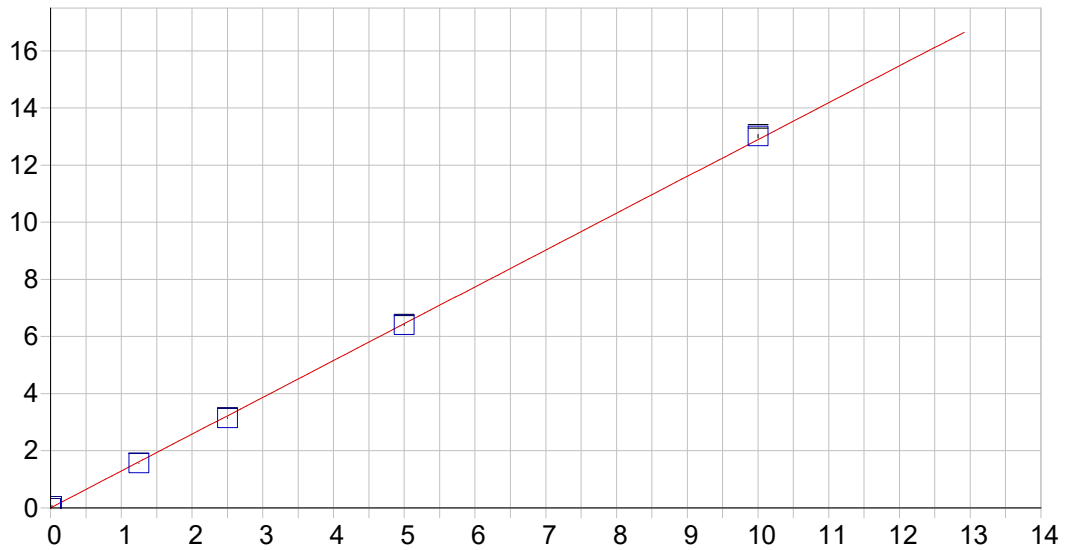


Ti 336.121 {100}

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000095	Re-Slope:	1.000000
A1 (Gain):	0.409000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999748	Status:	OK.
Std Error of Est:	0.000488		
Predicted MDL:	0.001297		
Predicted MQL:	0.004324		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00009	.000	1
S1	.10000	.11166	.012	11.7	.04575	.000	1
S2	1.2500	1.3099	.060	4.79	.53567	.001	1
S3	2.5000	2.5659	.066	2.64	1.0492	.002	1
S4	5.0000	5.0410	.041	.820	2.0612	.008	1
S5	10.000	9.8215	-.179	-1.79	4.0157	.004	1

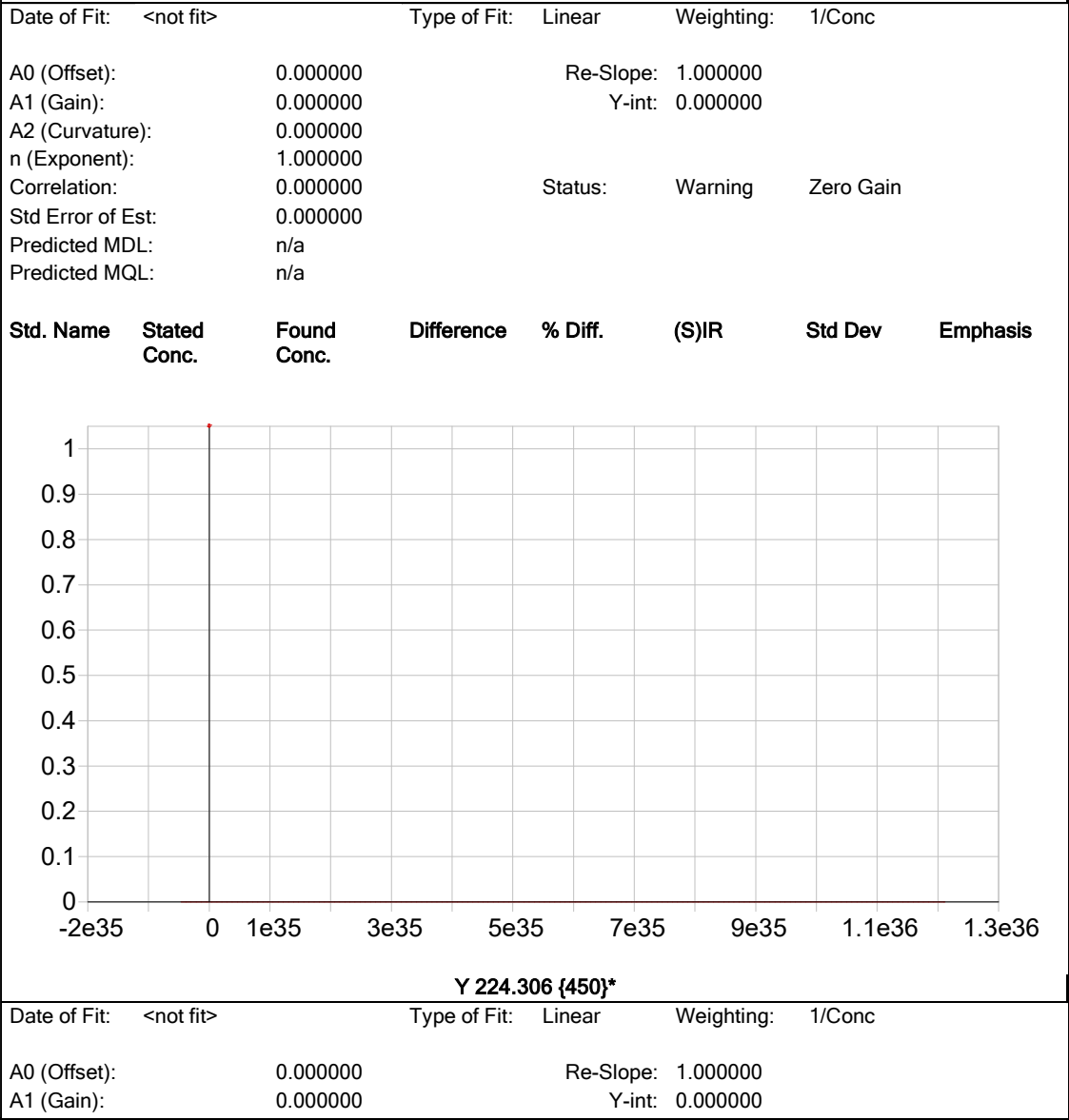
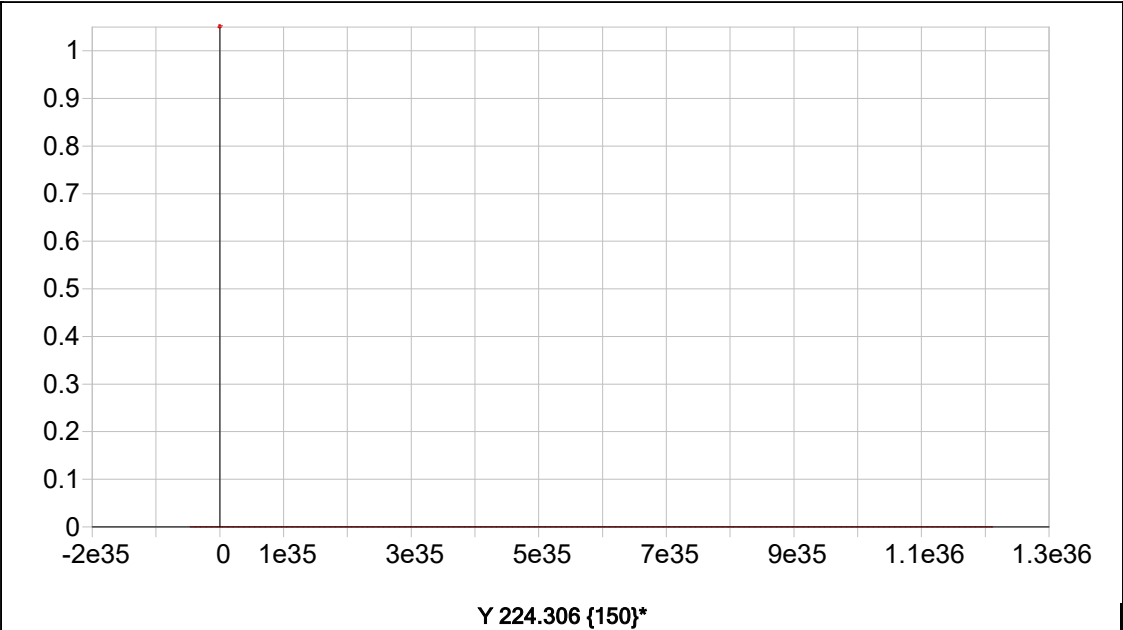


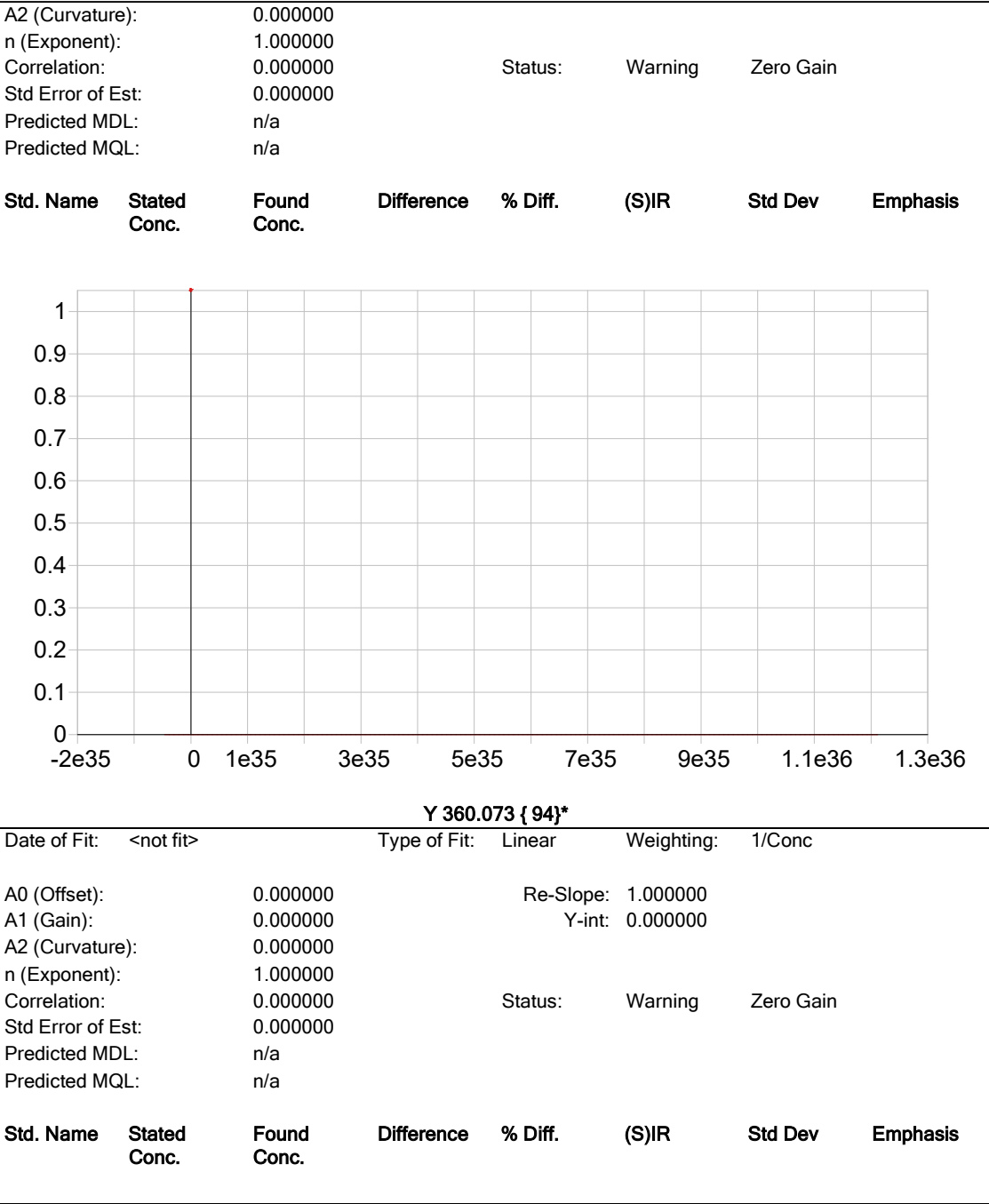
Li 670.784 { 50}

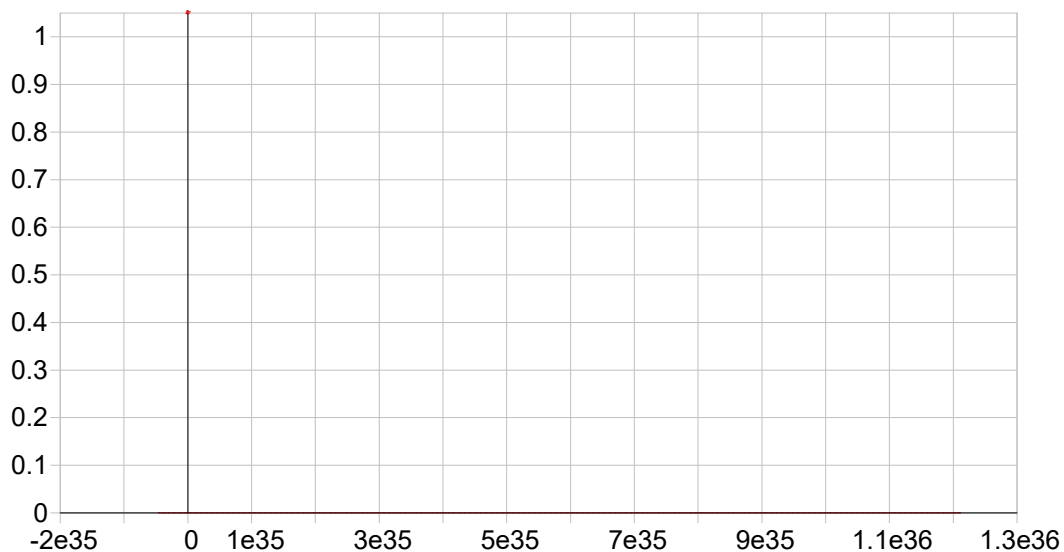
Date of Fit: 02/28/2020 11:50:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001994 Re-Slope: 1.000000
 A1 (Gain): 1.289438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997877 Status: OK.
 Std Error of Est: 0.001728
 Predicted MDL: 0.001357
 Predicted MQL: 0.004523

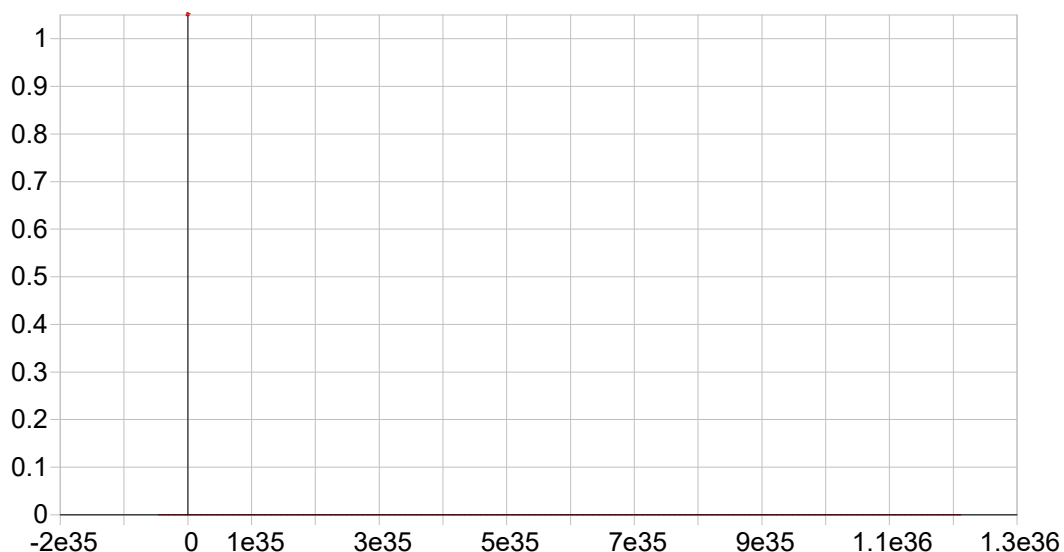
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00195	.001	1
S5	10.000	10.094	.094	.942	13.018	.061	1
S4	5.0000	4.9668	-.033	-.664	6.4064	.021	1
S3	2.5000	2.4420	-.058	-2.32	3.1509	.008	1
S2	1.2500	1.2131	-.037	-2.95	1.5662	.006	1
S1	.01500	.04884	.034	226.	.06497	.000	1







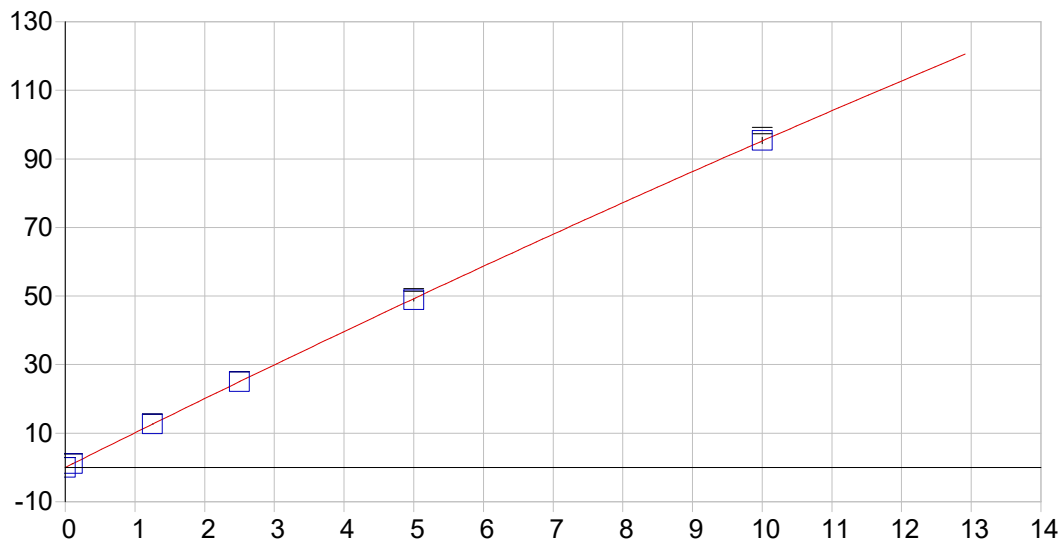
Y 371.030 { 91}*



A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

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

Date of Fit: 02/28/2020 11:50:35 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000479 Re-Slope: 1.000000
 A1 (Gain): 10.167027 Y-int: 0.000000
 A2 (Curvature): -0.064402
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.004512
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00056	.000	1
S1	.10000	.10816	.008	8.16	1.0984	.001	1
S2	1.2500	1.2595	.009	.760	12.703	.018	1
S3	2.5000	2.5009	.001	.034	25.023	.042	1
S4	5.0000	4.9640	-.036	-.720	48.882	.368	1
S5	10.000	10.018	.018	.176	95.386	.936	1

Sample Name: S0 Acquired: 02/27/2020 11:32:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 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	-.00021	-.00054	-.00013	.00057	.00032	.00246	-.01007	-.00254
Stddev	.00009	.00012	.00014	.00011	.00011	.00038	.00147	.00015
%RSD	44.681	22.896	110.53	19.814	34.684	15.427	14.579	5.9756
#1	-.00024	-.00066	-.00001	.00044	.00024	.00273	-.00838	-.00253
#2	-.00028	-.00041	-.00009	.00061	.00027	.00203	-.01084	-.00239
#3	-.00010	-.00056	-.00028	.00065	.00044	.00263	-.01100	-.00269
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00007	.00095	-.00010	-.00040	.00429	.00010	.00007	-.00043
Stddev	.00008	.00043	.00002	.00017	.00037	.00011	.00003	.00026
%RSD	107.56	45.353	15.944	41.046	8.5774	111.06	42.919	59.792
#1	-.00004	.00045	-.00008	-.00026	.00444	-.00002	.00010	-.00072
#2	-.00016	.00115	-.00011	-.00059	.00388	.00012	.00004	-.00036
#3	-.00002	.00124	-.00011	-.00037	.00457	.00019	.00008	-.00022
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00132	-.00037	-.00993	-.00021	.00039	.01585	-.00088	.00395
Stddev	.00014	.00008	.00148	.00020	.00094	.00090	.00008	.00014
%RSD	10.373	20.801	14.885	94.536	241.47	5.6976	9.3024	3.5972
#1	-.00127	-.00037	-.01115	-.00015	.00079	.01576	-.00098	.00380
#2	-.00122	-.00045	-.01034	-.00044	-.00068	.01500	-.00083	.00397
#3	-.00148	-.00029	-.00828	-.00005	.00106	.01680	-.00084	.00409
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00029	.00034	.00534	.00023	.00009	.00195	-.00056	
Stddev	.00012	.00002	.00042	.00004	.00015	.00106	.00000	
%RSD	39.138	5.2416	7.7838	15.378	169.08	54.148	.47344	
#1	.00028	.00035	.00501	.00025	-.00008	.00243	-.00056	
#2	.00019	.00036	.00581	.00026	.00019	.00268	-.00056	
#3	.00042	.00033	.00521	.00019	.00015	.00074	-.00057	

Sample Name: S0 Acquired: 02/27/2020 11:32:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1242.8	2722.8	35462.	7502.8	3431.8
Stddev	8.4	8.2	203.	27.6	7.0
%RSD	.67980	.29975	.57144	.36788	.20259
#1	1247.4	2720.1	35578.	7478.9	3425.5
#2	1233.0	2732.0	35228.	7533.0	3439.3
#3	1247.9	2716.4	35580.	7496.6	3430.6

Sample Name: S1 Acquired: 02/27/2020 11:36:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 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	.00006	.00087	.00192	.00234	.00722	.01900	.60126	.01640
Stddev	.00011	.00016	.00020	.00011	.00004	.00021	.00095	.00012
%RSD	178.24	17.912	10.668	4.5294	.56372	1.1258	.15831	.71346
#1	.00008	.00098	.00184	.00234	.00721	.01876	.60232	.01653
#2	-.00006	.00069	.00177	.00245	.00727	.01916	.60098	.01631
#3	.00016	.00094	.00215	.00224	.00719	.01908	.60047	.01636
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01222	.33503	.00136	.03928	.00908	.00398	.01118	.07001
Stddev	.00020	.00127	.00007	.00022	.00000	.00024	.00025	.00056
%RSD	1.6740	.37965	5.3582	.57056	.04910	5.9134	2.2745	.80342
#1	.01217	.33371	.00142	.03916	.00908	.00378	.01095	.07016
#2	.01205	.33515	.00128	.03954	.00908	.00424	.01145	.07047
#3	.01245	.33624	.00138	.03915	.00907	.00393	.01116	.06938
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01718	.00358	.02445	.00526	.02573	.10286	-.00057	.00759
Stddev	.00003	.00011	.00115	.00053	.00195	.00184	.00003	.00022
%RSD	.14870	3.1111	4.6863	10.019	7.5647	1.7908	4.7987	2.8514
#1	.01721	.00346	.02477	.00578	.02370	.10466	-.00058	.00734
#2	.01716	.00363	.02318	.00472	.02592	.10098	-.00055	.00770
#3	.01717	.00366	.02540	.00529	.02757	.10294	-.00060	.00773
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00494	.00274	.04119	.00064	.04575	.06497	1.0984	
Stddev	.00003	.00009	.00032	.00012	.00031	.00038	.0012	
%RSD	.62451	3.1825	.76475	19.496	.68759	.58798	.10665	
#1	.00494	.00281	.04094	.00060	.04610	.06533	1.0992	
#2	.00491	.00264	.04109	.00053	.04548	.06501	1.0990	
#3	.00498	.00276	.04154	.00077	.04569	.06457	1.0971	

Sample Name: S1 Acquired: 02/27/2020 11:36:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.1	2714.2	35708.	7569.1	3436.8
Stddev	2.7	5.0	100.	29.1	3.1
%RSD	.21303	.18456	.28007	.38393	.09142
#1	1248.0	2710.2	35669.	7559.4	3433.2
#2	1252.1	2719.8	35822.	7546.2	3438.6
#3	1247.2	2712.7	35634.	7601.8	3438.7

Sample Name: S2 Acquired: 02/27/2020 11:40:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 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	.03865	.06328	1.0278	.05606	.13870	2.8048	6.9806	.40937
Stddev	.00024	.00004	.0010	.00030	.00008	.0107	.0208	.00188
%RSD	.62367	.07040	.09982	.53220	.05505	.38005	.29814	.46007

#1	.03871	.06333	1.0279	.05595	.13876	2.7938	6.9588	.41095
#2	.03838	.06325	1.0268	.05583	.13872	2.8151	7.0003	.40728
#3	.03885	.06325	1.0288	.05640	.13861	2.8056	6.9827	.40987

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4429	3.4279	.49511	.46207	.64532	1.3370	2.3137	.77415
Stddev	.0017	.0042	.00130	.00094	.00493	.0025	.0042	.00349
%RSD	.11774	.12351	.26226	.20285	.76463	.18683	.18003	.45091

#1	1.4424	3.4230	.49470	.46258	.64001	1.3341	2.3104	.77017
#2	1.4416	3.4307	.49408	.46099	.64976	1.3388	2.3184	.77560
#3	1.4449	3.4299	.49657	.46264	.64618	1.3381	2.3122	.77669

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.26063	.11737	.22196	.05719	1.1939	.62074	.03783	.44833
Stddev	.00062	.00059	.00330	.00024	.0045	.00441	.00012	.00215
%RSD	.23823	.50272	1.4866	.41758	.37390	.71088	.32143	.47936

#1	.26094	.11805	.22219	.05720	1.1888	.61564	.03772	.44981
#2	.25991	.11699	.22514	.05742	1.1964	.62329	.03782	.44587
#3	.26103	.11706	.21855	.05694	1.1966	.62328	.03796	.44933

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.52851	.02876	.42969	.07938	.53567	1.5662	12.703
Stddev	.00120	.00017	.00126	.00038	.00144	.0060	.018
%RSD	.22744	.58122	.29400	.48053	.26792	.38101	.14489

#1	.52747	.02865	.43005	.07944	.53651	1.5615	12.681
#2	.52824	.02868	.42828	.07898	.53401	1.5729	12.712
#3	.52982	.02895	.43073	.07974	.53649	1.5643	12.715

Sample Name: S2 Acquired: 02/27/2020 11:40:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.7	2598.1	34906.	7627.9	3185.3
Stddev	4.8	10.1	99.	22.8	8.3
%RSD	.39979	.39015	.28434	.29894	.25926
#1	1209.5	2602.5	34837.	7620.6	3186.6
#2	1209.4	2605.3	35020.	7653.4	3192.9
#3	1201.1	2586.5	34861.	7609.5	3176.5

Sample Name: S3 Acquired: 02/27/2020 11:44:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 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	.07731	.12385	2.0407	.11013	.27485	5.6065	13.810	.80206
Stddev	.00023	.00072	.0036	.00034	.00037	.0195	.035	.00214
%RSD	.29404	.57733	.17407	.30820	.13633	.34743	.25410	.26659

#1	.07735	.12363	2.0368	.10991	.27457	5.6287	13.849	.80443
#2	.07707	.12327	2.0417	.10996	.27471	5.5986	13.782	.80029
#3	.07751	.12465	2.0437	.11052	.27528	5.5922	13.800	.80144

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8461	6.7068	.96773	.91809	1.2634	2.6103	4.5071	1.5458
Stddev	.0052	.0178	.00090	.00158	.0116	.0010	.0232	.0028
%RSD	.18422	.26494	.09277	.17243	.92046	.03982	.51542	.18181

#1	2.8401	6.7262	.96713	.91646	1.2763	2.6115	4.5331	1.5487
#2	2.8490	6.6913	.96729	.91819	1.2601	2.6095	4.4994	1.5457
#3	2.8493	6.7029	.96876	.91962	1.2537	2.6100	4.4886	1.5431

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.51461	.23261	.44993	.11171	2.4226	1.2419	.07723	.88114
Stddev	.00110	.00059	.00124	.00061	.0200	.0064	.00059	.00267
%RSD	.21403	.25519	.27571	.54167	.82525	.51295	.75927	.30348

#1	.51336	.23280	.44866	.11233	2.4431	1.2478	.07662	.88422
#2	.51499	.23309	.44998	.11169	2.4214	1.2427	.07728	.87954
#3	.51547	.23195	.45114	.11112	2.4032	1.2352	.07779	.87965

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0461	.05843	.82555	.15865	1.0492	3.1509	25.023
Stddev	.0009	.00045	.00548	.00035	.0021	.0083	.042
%RSD	.08706	.77534	.66422	.22030	.20131	.26448	.16654

#1	1.0454	.05870	.83176	.15826	1.0489	3.1527	24.986
#2	1.0458	.05791	.82351	.15876	1.0473	3.1418	25.015
#3	1.0472	.05869	.82137	.15894	1.0515	3.1581	25.068

Sample Name: S3 Acquired: 02/27/2020 11:44:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.7	2505.4	33991.	7531.8	3026.7
Stddev	3.9	2.3	27.	20.3	4.9
%RSD	.33744	.09350	.07868	.26933	.16135
#1	1147.9	2503.9	33971.	7516.7	3030.1
#2	1151.6	2508.1	33981.	7523.9	3028.9
#3	1155.7	2504.1	34022.	7554.9	3021.1

Sample Name: S4 Acquired: 02/27/2020 11:48:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 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	.15433	.24121	4.0429	.21720	.55115	11.172	27.308	1.5521
Stddev	.00062	.00002	.0085	.00126	.00112	.047	.084	.0114
%RSD	.40193	.00852	.20969	.57839	.20245	.42449	.30583	.73146

#1	.15491	.24122	4.0357	.21822	.55155	11.227	27.385	1.5648
#2	.15440	.24119	4.0408	.21579	.54989	11.148	27.319	1.5484
#3	.15368	.24122	4.0523	.21758	.55201	11.141	27.219	1.5431

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5801	13.115	1.8759	1.8257	2.4679	5.0418	8.7029	3.0616
Stddev	.0063	.025	.0034	.0021	.0141	.0042	.0086	.0029
%RSD	.11235	.18865	.18261	.11379	.57058	.08386	.09836	.09551

#1	5.5778	13.130	1.8738	1.8233	2.4841	5.0457	8.7120	3.0649
#2	5.5752	13.130	1.8742	1.8267	2.4607	5.0373	8.7017	3.0595
#3	5.5871	13.087	1.8799	1.8270	2.4588	5.0424	8.6950	3.0604

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0171	.46247	.89949	.21843	4.8541	2.4943	.15842	1.7077
Stddev	.0008	.00192	.00221	.00129	.0321	.0154	.00026	.0113
%RSD	.07562	.41510	.24527	.58969	.66062	.61785	.16250	.66341

#1	1.0165	.46430	.90204	.21987	4.8618	2.5072	.15861	1.7206
#2	1.0169	.46047	.89827	.21801	4.8189	2.4772	.15813	1.7031
#3	1.0180	.46265	.89817	.21740	4.8816	2.4985	.15853	1.6993

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0683	.11965	1.5961	.31597	2.0612	6.4064	48.882
Stddev	.0030	.00009	.0099	.00049	.0082	.0208	.368
%RSD	.14672	.07838	.61753	.15445	.39955	.32481	.75310

#1	2.0711	.11954	1.6074	.31574	2.0527	6.3899	48.747
#2	2.0651	.11972	1.5905	.31564	2.0692	6.4298	49.298
#3	2.0686	.11969	1.5902	.31653	2.0615	6.3995	48.600

Sample Name: S4 Acquired: 02/27/2020 11:48:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.5	2370.2	33255.	7463.5	2820.8
Stddev	4.3	5.4	118.	11.2	6.9
%RSD	.39079	.22667	.35388	.14982	.24638
#1	1100.8	2368.6	33259.	7459.3	2824.0
#2	1107.4	2365.8	33371.	7455.0	2812.9
#3	1099.3	2376.2	33136.	7476.2	2825.6

Sample Name: S5 Acquired: 02/27/2020 11:52:18 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 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	.31437	.45892	7.9526	.42988	1.1240	22.474	53.138	3.0314
Stddev	.00053	.00186	.0048	.00079	.0030	.276	.554	.0267
%RSD	.16962	.40505	.06024	.18354	.26555	1.2293	1.0423	.87904

#1	.31498	.45713	7.9484	.43062	1.1273	22.600	53.698	3.0522
#2	.31411	.46084	7.9578	.42905	1.1232	22.665	52.591	3.0406
#3	.31402	.45879	7.9514	.42997	1.1215	22.157	53.125	3.0014

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.822	25.692	3.5953	3.5795	4.8724	9.7571	16.860	6.1187
Stddev	.025	.190	.0108	.0045	.0625	.0804	.126	.0532
%RSD	.23000	.74077	.30011	.12660	1.2834	.82437	.74498	.86903

#1	10.794	25.763	3.5829	3.5771	4.9035	9.7812	16.915	6.1344
#2	10.828	25.837	3.6003	3.5847	4.9134	9.8228	16.948	6.1623
#3	10.843	25.477	3.6027	3.5767	4.8004	9.6674	16.716	6.0594

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9801	.93276	1.8065	.42744	10.252	5.1080	.32039	3.2597
Stddev	.0027	.00331	.0156	.00423	.096	.0724	.00082	.0311
%RSD	.13385	.35482	.86521	.98993	.93635	1.4172	.25616	.95268

#1	1.9771	.93060	1.8102	.43030	10.143	5.1504	.32028	3.2802
#2	1.9821	.93110	1.8199	.42945	10.287	5.1492	.32126	3.2750
#3	1.9811	.93657	1.7894	.42258	10.325	5.0244	.31963	3.2240

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1311	.24345	3.1022	.62446	4.0157	13.018	95.386
Stddev	.0032	.00020	.0290	.00070	.0044	.061	.936
%RSD	.07823	.08365	.93549	.11281	.11056	.47185	.98177

#1	4.1316	.24368	3.1231	.62410	4.0205	13.033	94.906
#2	4.1277	.24336	3.1144	.62527	4.0148	13.070	96.465
#3	4.1342	.24330	3.0690	.62401	4.0117	12.950	94.788

Sample Name: S5 Acquired: 02/27/2020 11:52:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	995.33	2190.1	31876.	7320.9	2611.7
Stddev	5.51	3.7	108.	73.9	6.7
%RSD	.55345	.16726	.33810	1.0093	.25697
#1	1001.4	2193.2	31979.	7277.2	2618.2
#2	994.06	2186.1	31883.	7279.3	2604.8
#3	990.56	2191.2	31764.	7406.2	2612.1

Sample Name: S6 Acquired: 02/27/2020 11:56:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	57.704	43.820	25.322	10.129	4.8791
Stddev	.333	.120	.073	.024	.0159
%RSD	.57781	.27451	.28931	.23668	.32559

#1	57.869	43.866	25.368	10.138	4.8791
#2	57.922	43.683	25.237	10.101	4.8633
#3	57.320	43.910	25.359	10.146	4.8950

Int. Std.	Y_3710
Units	Cts/S
Avg	7286.5
Stddev	5.2
%RSD	.07117

#1	7284.7
#2	7292.4
#3	7282.4

Sample Name: ICV Acquired: 02/27/2020 12:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9584070	1.055615	.9787854	1.022714	.9578183	2.322407
Stddev	.0031239	.005121	.0038515	.004735	.0025567	.013025
%RSD	.3259458	.4850918	.3934952	.4629772	.2669268	.5608587

#1	.9549504	1.051326	.9747013	1.018127	.9555175	2.326669
#2	.9610285	1.054235	.9793030	1.027584	.9605706	2.307785
#3	.9592420	1.061284	.9823519	1.022430	.9573667	2.332768

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5137109	.5178738	.5082802	10.56050	.5334696	.5001776
Stddev	.0015441	.0025178	.0018485	.06492	.0020576	.0006698
%RSD	.3005813	.4861773	.3636784	.6147080	.3856950	.1339095

#1	.5128407	.5204413	.5061832	10.54766	.5321278	.4996813
#2	.5127982	.5154088	.5089837	10.50296	.5324425	.4999122
#3	.5154937	.5177713	.5096736	10.63087	.5358385	.5009395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4735775	10.67726	.5146624	5.677807	.5100568	.2403357
Stddev	.0091174	.07285	.0040261	.067423	.0007596	.0008347
%RSD	1.925212	.6823199	.7822817	1.187479	.1489266	.3473070

#1	.4713682	10.63212	.5133484	5.600561	.5091842	.2397530
#2	.4657678	10.63835	.5114574	5.708022	.5104157	.2412920
#3	.4835965	10.76131	.5191813	5.724837	.5105703	.2399623

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.706864	.5080126	1.056580	9.062110	F -.000708	F .0111904
Stddev	.055772	.0066725	.011555	.058027	.002968	.0013160
%RSD	.5745670	1.313458	1.093612	.6403266	419.1317	11.75960

#1	9.692094	.5022986	1.043319	9.021192	.000566	.0123784
#2	9.768534	.5063936	1.064487	9.036619	-.004100	.0097759
#3	9.659963	.5153457	1.061933	9.128520	.001410	.0114169

Sample Name: ICV Acquired: 02/27/2020 12:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000086	F .0016606	F .0008883	F .0004896	F -.000428	F .0053572
Stddev	.000199	.0027803	.0004967	.0006395	.000544	.0006128
%RSD	231.3090	167.4295	55.91592	130.6225	127.1273	11.43981

#1	.000139	-.001545	.0009250	-.000087	-.000323	.0060182
#2	-.000237	.003416	.0013656	.000379	-.001016	.0052457
#3	-.000160	.003110	.0003743	.001177	.000056	.0048078

Elem	Sr4077
Units	ppm
Avg	F .0011629
Stddev	.0000415
%RSD	3.568087

#1	.0011799
#2	.0011932
#3	.0011156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.517	2640.490	36006.19	7695.360	3367.448
Stddev	10.200	7.281	115.70	39.388	8.825
%RSD	.8123972	.2757500	.3213311	.5118462	.2620613

#1	1247.253	2646.002	35976.37	7657.093	3377.638
#2	1252.382	2632.236	35908.32	7735.781	3362.274
#3	1266.917	2643.232	36133.88	7693.206	3362.433

Sample Name: ICB Acquired: 02/27/2020 12:05:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003680	.0017596	.0020430	.0030977	-.001504	-.002493	-.001611
Stddev	.002507	.0012811	.0008411	.0032793	.002083	.002281	.000525
%RSD	68.13189	72.80472	41.16944	105.8610	138.4794	91.47411	32.60266

#1	-.003763	.0010711	.0027983	.0019849	.000384	-.001351	-.001629
#2	-.006145	.0032377	.0021943	.0067886	-.003739	-.001009	-.002127
#3	-.001132	.0009700	.0011366	.0005197	-.001159	-.005119	-.001077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001659	-.000072	-.002028	.0002167	.0002085	-.000426	.0044399
Stddev	.0000839	.000043	.010330	.0004260	.0002404	.004568	.0076078
%RSD	50.55455	59.40568	509.3984	196.5447	115.2966	1071.945	171.3524

#1	.0001417	-.000067	.003366	.0006720	-.000069	.001608	-.002753
#2	.0002592	-.000032	-.013938	-.000172	.000352	.002771	.012404
#3	.0000967	-.000117	.004489	.000150	.000342	-.005657	.003668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005518	.0084616	-.000299	-.000239	.0459417	-.000938	-.000519
Stddev	.0003109	.0195770	.000209	.000158	.1361505	.003897	.000542
%RSD	56.34837	231.3629	70.15377	66.07299	296.3553	415.3703	104.3936

#1	.0009107	-.009343	-.000538	-.000183	.0444139	.003488	-.000525
#2	.0003656	.005301	-.000205	-.000418	-.089439	-.003855	.000026
#3	.0003791	.029426	-.000152	-.000117	.182850	-.002448	-.001057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842666	.0026424	.0051341	.0003453	-.000802	-.003640	.0000280
Stddev	.0620009	.0017627	.0006353	.0001803	.003444	.000655	.0014948
%RSD	73.57715	66.70910	12.37415	52.20500	429.1262	17.98271	5344.927

#1	.0358980	.0046776	.0057981	.0001425	.001377	-.003379	-.000212
#2	.0627401	.0016518	.0045320	.0004060	.000988	-.004385	.001628
#3	.1541617	.0015979	.0050722	.0004874	-.004772	-.003156	-.001333

Sample Name: ICB Acquired: 02/27/2020 12:05:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013317	.0024522	-.000090
Stddev	.0002316	.0010542	.000017
%RSD	17.39240	42.98821	18.79891

#1	.0013468	.0034374	-.000104
#2	.0015555	.0013405	-.000071
#3	.0010930	.0025787	-.000096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.415	2647.286	36061.58	7660.177	3382.415
Stddev	5.777	6.594	76.56	38.769	4.620
%RSD	.4608789	.2490798	.2122988	.5061134	.1365788

#1	1249.773	2654.681	36011.31	7620.529	3387.021
#2	1250.396	2645.158	36023.73	7661.998	3382.441
#3	1260.075	2642.018	36149.69	7698.003	3377.782

Sample Name: ICSA Acquired: 02/27/2020 12:09:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031291	-.001971	-.002151	.0050184	.0024325	235.7462	.0041205
Stddev	.0032546	.002421	.002617	.0021217	.0022094	.9530	.0004265
%RSD	104.0098	122.7879	121.6696	42.27763	90.82675	.4042615	10.35101

#1	.0041153	-.000428	-.005111	.0067068	.0000228	235.3117	.0044344
#2	-.000505	-.004761	-.001197	.0057116	.0029119	235.0878	.0042921
#3	.005776	-.000725	-.000145	.0026368	.0043629	236.8390	.0036349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012361	.0001145	257.4245	.0483204	-.000665	.0044451	102.2964
Stddev	.0000448	.0001229	.8401	.0005299	.000367	.0014914	.3549
%RSD	3.624182	107.3215	.3263324	1.096734	55.16868	33.55214	.3469054

#1	.0011877	.0002227	257.0775	.0485544	-.000280	.0043965	102.2542
#2	.0012761	.0001401	256.8136	.0477138	-.000705	.0029785	101.9645
#3	.0012443	-.000019	258.3825	.0486931	-.001010	.0059602	102.6705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111409	248.1472	-.000159	.0009502	-.281298	.0033739	.0012897
Stddev	.0003843	1.0523	.000328	.0007101	.284570	.0029989	.0010703
%RSD	3.449328	.4240525	207.0275	74.73399	101.1634	88.88485	82.98650

#1	.0115713	247.8407	-.000254	.0004768	-.167386	.0012046	.0001427
#2	.0110194	247.2821	-.000429	.0017668	-.605177	.0067961	.0014648
#3	.0108321	249.3187	.000207	.0006070	-.071329	.0021210	.0022616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006487	.0055287	-.015588	-.000904	-.002814	-.006721	-.002975
Stddev	.036546	.0026634	.000980	.000152	.002112	.001174	.001422
%RSD	563.3616	48.17342	6.283929	16.77795	75.05693	17.46264	47.80181

#1	.023056	.0024675	-.014570	-.001021	-.002887	-.006598	-.001342
#2	.004838	.0073151	-.016524	-.000958	-.000666	-.007952	-.003642
#3	-.047355	.0068036	-.015670	-.000733	-.004889	-.005614	-.003942

Sample Name: ICSA Acquired: 02/27/2020 12:09:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000895	.0036136	.0966920
Stddev	.001263	.0016297	.0001573
%RSD	141.0030	45.10114	.1626279

#1	.000549	.0043359	.0965200
#2	-.001446	.0047573	.0968283
#3	-.001789	.0017475	.0967278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1159.658	2440.564	33489.87	7529.493	2928.383
Stddev	4.418	2.227	66.90	12.028	2.388
%RSD	.3810144	.0912423	.1997714	.1597422	.0815462

#1	1156.464	2441.358	33413.81	7517.733	2926.628
#2	1157.808	2442.284	33539.61	7541.772	2931.102
#3	1164.700	2438.048	33516.19	7528.975	2927.417

Sample Name: ICSAB Acquired: 02/27/2020 12:13:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0959120	.1005338	.0483796	.0472541	.5725973	225.2788	.4954723
Stddev	.0049781	.0047565	.0013634	.0036497	.0065522	.1014	.0016191
%RSD	5.190252	4.731220	2.818091	7.723487	1.144302	.0450100	.3267703

#1	.0931913	.0975473	.0484988	.0431784	.5702804	225.1897	.4973127
#2	.0928871	.1060188	.0469605	.0502202	.5675182	225.2575	.4948365
#3	.1016575	.0980352	.0496794	.0483636	.5799932	225.3891	.4942676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4834636	.9746445	246.9031	.5445015	.4844363	.4341973	98.28440
Stddev	.0014676	.0000637	.1786	.0016412	.0008681	.0003359	.17560
%RSD	.3035497	.0065322	.0723300	.3014233	.1792057	.0773697	.1786657

#1	.4827115	.9747135	246.7576	.5463465	.4854382	.4338125	98.21541
#2	.4851547	.9746320	247.1024	.5439539	.4839651	.4344325	98.48401
#3	.4825245	.9745881	246.8495	.5432040	.4839058	.4343467	98.15376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4841095	237.8098	.9752125	.1941144	-.409157	.4765940	1.057327
Stddev	.0006259	.4092	.0008680	.0003816	.082193	.0031295	.017378
%RSD	.1292941	.1720767	.0890006	.1965894	20.08842	.6566403	1.643588

#1	.4833894	238.1567	.9761898	.1944460	-.440716	.4764507	1.037751
#2	.4844158	237.9144	.9749162	.1942000	-.315861	.4735386	1.070935
#3	.4845233	237.3585	.9745316	.1936973	-.470893	.4797927	1.063294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.165934	.0063874	-.014577	-.000596	-.000792	-.006161	-.003649
Stddev	.066654	.0036779	.002086	.000417	.005699	.000578	.001707
%RSD	40.16921	57.58026	14.31085	69.99654	720.0290	9.379088	46.77490

#1	-.170252	.0048118	-.014191	-.001078	.001829	-.006828	-.004647
#2	-.097225	.0105906	-.016830	-.000357	-.007330	-.005815	-.004623
#3	-.230324	.0037598	-.012711	-.000354	.003126	-.005840	-.001678

Sample Name: ICSAB Acquired: 02/27/2020 12:13:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001354	.0016203	.0937305
Stddev	.001198	.0012664	.0004166
%RSD	88.43052	78.16273	.4444969

#1	-.000131	.0010354	.0936813
#2	-.002524	.0007520	.0941696
#3	-.001408	.0030735	.0933407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.268	2442.972	33886.52	7617.073	2945.386
Stddev	9.479	4.386	109.80	14.312	2.883
%RSD	.8051953	.1795156	.3240084	.1878978	.0978796

#1	1177.618	2445.222	33814.70	7613.401	2942.063
#2	1167.618	2445.776	33831.95	7604.955	2946.888
#3	1186.567	2437.918	34012.91	7632.864	2947.208

Sample Name: CCV075 Acquired: 02/27/2020 12:19:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.165444	5.019151	25.77161	5.214311	5.169988	419.5785	10.48359
Stddev	.017428	.025113	.10851	.008226	.024563	5.5328	.04818
%RSD	.3373999	.5003426	.4210581	.1577589	.4750989	1.318652	.4595297

#1	5.154179	4.992284	25.67635	5.206421	5.144429	419.9587	10.43326
#2	5.156636	5.023137	25.74877	5.213676	5.172120	413.8654	10.48825
#3	5.185519	5.042033	25.88973	5.222836	5.193416	424.9114	10.52927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048011	2.592644	423.0838	15.87921	2.608451	15.07863	432.9194
Stddev	.0022304	.008514	2.2635	.01248	.012277	.18693	2.7247
%RSD	.4418434	.3283982	.5350036	.0786177	.4706548	1.239683	.6293741

#1	.5057972	2.584877	420.8043	15.89212	2.597077	14.91652	430.0232
#2	.5022462	2.591309	423.1162	15.86721	2.606810	15.03626	433.3033
#3	.5063599	2.601748	425.3310	15.87829	2.621465	15.28310	435.4318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13512	426.7994	2.615190	1.317416	427.9836	2.532438	15.39550
Stddev	.08898	2.8863	.009081	.000352	2.9464	.028149	.07742
%RSD	.5879069	.6762776	.3472364	.0266924	.6884457	1.111521	.5028728

#1	15.05045	423.8548	2.607185	1.317455	424.5952	2.505516	15.33851
#2	15.12706	426.9195	2.613326	1.317746	429.4125	2.530128	15.36435
#3	15.22786	429.6238	2.625058	1.317046	429.9432	2.561671	15.48364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.8801	5.205855	4.974092	5.184048	5.362684	4.976951	5.238382
Stddev	1.6610	.019521	.021748	.014402	.024413	.029108	.014147
%RSD	1.045433	.3749790	.4372274	.2778172	.4552415	.5848478	.2700587

#1	157.2468	5.202767	4.964384	5.176589	5.335748	4.982984	5.233092
#2	158.8262	5.188062	4.958889	5.174905	5.368952	4.945300	5.227643
#3	160.5675	5.226736	4.999004	5.200649	5.383351	5.002570	5.254412

Sample Name: CCV075 Acquired: 02/27/2020 12:19:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.230714	5.407449	5.147359
Stddev	.008175	.013397	.043642
%RSD	.1562932	.2477527	.8478459

#1	5.233344	5.392011	5.105132
#2	5.237250	5.416023	5.144655
#3	5.221547	5.414313	5.192290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1052.913	2233.340	32128.91	7467.294	2616.290
Stddev	6.207	2.811	80.06	18.768	6.130
%RSD	.5895437	.1258560	.2491969	.2513409	.2343059

#1	1045.803	2234.360	32071.79	7465.226	2619.512
#2	1055.681	2235.499	32094.52	7487.011	2620.136
#3	1057.255	2230.162	32220.43	7449.645	2609.220

Sample Name: CCB075 Acquired: 02/27/2020 12:23:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006900	.0038326	.0022663	.0009519	.0003997	.0074621	-.002195
Stddev	.002911	.0028230	.0005543	.0013452	.0005028	.0026018	.000523
%RSD	42.19141	73.65745	24.45870	141.3186	125.8163	34.86692	23.83814

#1	-.010024	.0062328	.0028534	.0024984	.0001478	.0104395	-.002635
#2	-.006413	.0045425	.0017520	.0003047	.0009786	.0056258	-.001616
#3	-.004263	.0007224	.0021935	.0000526	.0000725	.0063210	-.002334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002003	-.000041	.0069429	.0007897	.0000850	.0019442	.0138874
Stddev	.0000337	.000062	.0086850	.0004192	.0001262	.0029879	.0051585
%RSD	16.81075	150.6580	125.0916	53.07711	148.3921	153.6824	37.14535

#1	.0001895	-.000111	.0156273	.0005909	-.000009	-.000883	.0198097
#2	.0002380	.000008	.0069440	.0012713	.000036	.001645	.0103742
#3	.0001733	-.000020	-.001743	.0005069	.000228	.005071	.0114783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007532	.0166015	-.000306	.0003436	-.004477	.0013304	.0000068
Stddev	.0006036	.0212670	.000112	.0001451	.047890	.0038150	.0032452
%RSD	80.14006	128.1034	36.66440	42.21533	1069.781	286.7516	47943.46

#1	.0014232	.0187630	-.000179	.0005110	-.025993	.0024472	-.003390
#2	.0002516	-.005664	-.000393	.0002643	.050398	-.002918	.003075
#3	.0005849	.036705	-.000346	.0002556	-.037835	.004462	.000336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724367	.0000725	.0116037	.0003022	-.006621	-.004918	.0017664
Stddev	.0478345	.0031834	.0004369	.0002203	.000841	.000728	.0009417
%RSD	66.03619	4390.464	3.765175	72.92845	12.70536	14.79860	53.30939

#1	.0898264	-.003382	.0120260	.0005552	-.006221	-.005623	.0007558
#2	.1091438	.002887	.0116315	.0001524	-.006053	-.004964	.0026191
#3	.0183400	.000713	.0111535	.0001989	-.007587	-.004169	.0019245

Sample Name: CCB075 Acquired: 02/27/2020 12:23:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012942	.0031068	-.000011
Stddev	.0002605	.0009373	.000056
%RSD	20.12608	30.17141	517.3340

#1	.0015122	.0039238	.000044
#2	.0013646	.0033130	-.000009
#3	.0010057	.0020835	-.000068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1250.067	2608.336	36222.58	7732.432	3360.774
Stddev	4.091	2.742	88.15	28.924	.871
%RSD	.3272390	.1051364	.2433559	.3740586	.0259214

#1	1251.307	2610.301	36256.30	7711.959	3361.490
#2	1245.500	2605.203	36122.55	7719.816	3361.028
#3	1253.394	2609.504	36288.89	7765.521	3359.804

Sample Name: PB127128BL Acquired: 02/27/2020 12:27:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW128 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002182	.0014972	.0021696	.0017661	.0003863	-.010356	-.002225
Stddev	.004663	.0014700	.0013298	.0022328	.0014971	.009009	.000531
%RSD	213.7148	98.18234	61.29149	126.4270	387.5432	86.99570	23.84448

#1	-.006708	.0023292	.0012936	-.000565	.0019677	-.014124	-.001616
#2	-.002446	-.000200	.0036997	.003885	.0002002	-.016869	-.002585
#3	.002608	.002363	.0015154	.001978	-.001009	-.000074	-.002475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001742	-.000130	-.004916	.0002388	-.000105	.0029026	.0075184
Stddev	.0000264	.000032	.011313	.0001495	.000073	.0004461	.0034499
%RSD	15.13489	25.00015	230.1351	62.60654	70.01180	15.36805	45.88569

#1	.0001438	-.000121	-.005309	.0003961	-.000184	.0024441	.0078854
#2	.0001878	-.000103	-.016027	.0000985	-.000039	.0029287	.0038997
#3	.0001910	-.000166	.006588	.0002218	-.000091	.0033351	.0107700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004405	.0113821	-.000274	.0000308	-.101343	.0018913	-.001707
Stddev	.0002492	.0115917	.000248	.0000332	.057491	.0025170	.001558
%RSD	56.56731	101.8411	90.27625	107.7105	56.72903	133.0842	91.27457

#1	.0006750	.0057618	-.000188	.0000239	-.129739	.0047974	-.003364
#2	.0001789	.0247126	-.000082	.0000668	-.035179	.0004653	-.000273
#3	.0004675	.0036720	-.000554	.0000016	-.139109	.0004110	-.001483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051191	.0006487	.0027325	.0002240	-.000941	-.006189	-.000125
Stddev	.037289	.0022355	.0008919	.0000455	.004215	.000962	.002081
%RSD	72.84241	344.6235	32.63999	20.30936	447.9164	15.54204	1669.338

#1	-.082406	-.000900	.0032882	.0002313	-.005469	-.005276	-.002109
#2	-.061269	.003211	.0017037	.0001753	-.000222	-.007193	-.000305
#3	-.009899	-.000365	.0032054	.0002654	.002868	-.006098	.002040

Sample Name: PB127128BL Acquired: 02/27/2020 12:27:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW128 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000987	.0012413	-.000056
Stddev	.000337	.0005150	.000016
%RSD	34.15024	41.48808	28.12972

#1	-.000605	.0007198	-.000075
#2	-.001113	.0017496	-.000050
#3	-.001244	.0012545	-.000045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.638	2605.212	36504.54	7725.494	3362.311
Stddev	4.707	4.629	49.93	49.671	3.377
%RSD	.3713332	.1776642	.1367772	.6429433	.1004272

#1	1265.601	2605.923	36562.05	7715.594	3359.531
#2	1264.292	2609.444	36472.23	7681.519	3366.069
#3	1273.020	2600.269	36479.35	7779.369	3361.333

Sample Name: PB127128BS Acquired: 02/27/2020 12:32:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS128 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158424	.0515387	.0215854	.0699372	.1103102	.3587272
Stddev	.0013216	.0019212	.0013727	.0022928	.0024335	.0032730
%RSD	8.342362	3.727601	6.359154	3.278421	2.206029	.9123815

#1	.0143411	.0493335	.0230732	.0707646	.1091175	.3615701
#2	.0168305	.0524327	.0213149	.0717014	.1131099	.3551492
#3	.0163556	.0528500	.0203682	.0673455	.1087032	.3594624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3770783	.0097630	.0095897	10.11415	.0212424	.0927507
Stddev	.0019424	.0000713	.0001118	.00955	.0002371	.0007591
%RSD	.5151300	.7307220	1.165438	.0944437	1.116224	.8183778

#1	.3793155	.0097107	.0095230	10.10666	.0210187	.0919341
#2	.3760984	.0097341	.0095273	10.11089	.0214909	.0928834
#3	.3758209	.0098443	.0097187	10.12491	.0212175	.0934346

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416798	.2019613	.0306233	9.454135	.0776562	.0183077
Stddev	.0004675	.0081335	.0005214	.016317	.0005443	.0001420
%RSD	1.121589	4.027270	1.702562	.1725930	.7009611	.7758388

#1	.0416066	.2090270	.0310487	9.446686	.0770978	.0183943
#2	.0412533	.1930701	.0307794	9.442872	.0781853	.0183850
#3	.0421796	.2037867	.0300417	9.472848	.0776854	.0181438

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.080257	.0963807	.1228239	8.528030	.0175597	F .0195567
Stddev	.038812	.0012861	.0063884	.079196	.0014908	.0007527
%RSD	.4274372	1.334413	5.201255	.9286586	8.490109	3.848644

#1	9.120221	.0955457	.1265457	8.619198	.0160993	.0197437
#2	9.077842	.0957346	.1264787	8.488641	.0175005	.0201982
#3	9.042709	.0978618	.1154473	8.476252	.0190792	.0187281

Sample Name: PB127128BS Acquired: 02/27/2020 12:32:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS128 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197608	.1701402	.1801113	.0115137	.1888165	F .0847124
Stddev	.0006937	.0041925	.0002776	.0015149	.0006233	.0007077
%RSD	3.510382	2.464152	.1541071	13.15753	.3301219	.8354044

#1	.0204053	.1692414	.1802783	.0130808	.1884820	.0854782
#2	.0190266	.1747092	.1797909	.0100571	.1895357	.0845767
#3	.0198503	.1664699	.1802648	.0114031	.1884319	.0840825

Elem	Sr4077
Units	ppm
Avg	.1864797
Stddev	.0000885
%RSD	.0474847

#1	.1865475
#2	.1865120
#3	.1863795

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.390	2603.493	36085.24	7753.015	3356.884
Stddev	8.239	3.841	101.34	24.484	2.222
%RSD	.6568267	.1475501	.2808279	.3157940	.0662040

#1	1251.783	2599.969	36080.83	7775.457	3358.627
#2	1247.770	2607.588	35986.17	7726.904	3354.381
#3	1263.617	2602.922	36188.70	7756.686	3357.643

Sample Name: PB127010BL Acquired: 02/27/2020 12:36:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002793	.0020289	.0015771	.0014469	-.000671	-.006495	-.001650
Stddev	.003721	.0004878	.0007080	.0040286	.001593	.002889	.000285
%RSD	133.2203	24.04166	44.89200	278.4320	237.4861	44.48823	17.28578

#1	-.001015	.0018212	.0008828	.0060205	.000971	-.008663	-.001344
#2	-.000295	.0016794	.0022980	-.001576	-.002211	-.003215	-.001908
#3	-.007071	.0025862	.0015506	-.000104	-.000773	-.007607	-.001698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001519	-.000049	-.001726	.0002322	.0000970	.0014715	.0064483
Stddev	.0000561	.000068	.009170	.0001689	.0001057	.0005601	.0088940
%RSD	36.94584	139.6606	531.2876	72.74545	108.9539	38.06555	137.9277

#1	.0001001	-.000082	.003029	.0000981	-.000020	.0011469	.0024817
#2	.0001442	-.000094	-.012296	.0001766	.000126	.0021182	.0166354
#3	.0002115	.000030	.004089	.0004219	.000185	.0011492	.0002278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002698	.0245644	-.000489	.0000779	-.192521	.0002920	-.002363
Stddev	.0001530	.0170618	.000181	.0002544	.062555	.0013897	.001316
%RSD	56.70906	69.45722	36.89903	326.3702	32.49260	476.0039	55.66695

#1	.0004464	.0328120	-.000383	-.000115	-.264132	-.000784	-.003730
#2	.0001788	.0359353	-.000388	-.000018	-.164908	.001861	-.001105
#3	.0001841	.0049459	-.000698	.000366	-.148524	-.000202	-.002255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.098316	.0006796	-.002182	.0001459	-.004726	-.003652	-.000805
Stddev	.036635	.0007049	.001085	.0006146	.000045	.001052	.001579
%RSD	37.26224	103.7209	49.74312	421.2246	.9618688	28.79603	196.2819

#1	-.120119	.0013586	-.000996	-.000423	-.004778	-.002531	.000995
#2	-.118808	.0007289	-.003127	.000064	-.004708	-.004617	-.001958
#3	-.056021	-.000049	-.002423	.000797	-.004693	-.003808	-.001451

Sample Name: PB127010BL Acquired: 02/27/2020 12:36:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000732	-.001190	-.000118
Stddev	.0016295	.001149	.000029
%RSD	2225.242	96.49129	24.44883

#1	-.001800	-.002315	-.000088
#2	.000852	-.000019	-.000121
#3	.001168	-.001238	-.000146

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.085	2609.077	36432.80	7729.522	3366.151
Stddev	3.756	2.788	68.66	52.295	2.908
%RSD	.2988209	.1068697	.1884428	.6765580	.0863821

#1	1260.536	2609.066	36354.30	7672.394	3364.064
#2	1257.635	2606.294	36481.60	7741.143	3369.472
#3	1253.084	2611.870	36462.50	7775.028	3364.916

Sample Name: PB127010BS Acquired: 02/27/2020 12:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183644	.0522058	.0227268	.0707154	.1073838	.3590680
Stddev	.0010787	.0022566	.0015110	.0016128	.0024288	.0099198
%RSD	5.873867	4.322584	6.648312	2.280748	2.261781	2.762658

#1	.0172262	.0509581	.0223636	.0717767	.1081516	.3493126
#2	.0193717	.0508484	.0214306	.0715101	.1093358	.3691444
#3	.0184954	.0548107	.0243862	.0688594	.1046639	.3587469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3786938	.0098771	.0094348	10.11503	.0210661	.0933205
Stddev	.0011830	.0001422	.0001654	.02912	.0000074	.0003364
%RSD	.3123955	1.439899	1.752589	.2879114	.0352867	.3604669

#1	.3797273	.0100160	.0093603	10.12414	.0210639	.0929332
#2	.3774034	.0098836	.0093197	10.08244	.0210744	.0934890
#3	.3789506	.0097318	.0096242	10.13850	.0210601	.0935394

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0425160	.2099362	.0308625	9.449384	.0783149	.0188749
Stddev	.0019096	.0050466	.0003982	.074300	.0004959	.0004003
%RSD	4.491420	2.403899	1.290213	.7862998	.6331882	2.120653

#1	.0421856	.2156239	.0306696	9.415014	.0778584	.0192106
#2	.0445693	.2081906	.0305975	9.398491	.0782439	.0189821
#3	.0407932	.2059941	.0313204	9.534647	.0788425	.0184319

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.254209	.0983903	.1236836	8.665879	.0174071	F .0173459
Stddev	.197639	.0043530	.0025433	.109726	.0048041	.0014697
%RSD	2.135665	4.424220	2.056330	1.266189	27.59839	8.473176

#1	9.482327	.0951135	.1264951	8.752620	.0131234	.0163005
#2	9.134419	.0967279	.1215428	8.542528	.0226013	.0190265
#3	9.145881	.1033295	.1230127	8.702490	.0164967	.0167109

Sample Name: PB127010BS Acquired: 02/27/2020 12:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197201	.1707594	.1801046	.0111076	.1905404	F .0835385
Stddev	.0000919	.0086730	.0003805	.0002594	.0014774	.0020850
%RSD	.4659961	5.079099	.2112793	2.335472	.7754011	2.495848
#1	.0196791	.1792299	.1797221	.0108763	.1892684	.0825557
#2	.0198253	.1711511	.1804831	.0113881	.1901919	.0821265
#3	.0196558	.1618971	.1801087	.0110583	.1921610	.0859332

Elem	Sr4077
Units	ppm
Avg	.1873272
Stddev	.0003828
%RSD	.2043539
#1	.1877493
#2	.1870025
#3	.1872300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.048	2598.198	36123.28	7795.574	3353.018
Stddev	11.271	5.078	69.73	37.036	6.848
%RSD	.8994909	.1954500	.1930346	.4750869	.2042290
#1	1241.718	2593.800	36177.46	7755.289	3353.918
#2	1264.260	2603.756	36147.78	7803.287	3359.371
#3	1253.167	2597.039	36044.61	7828.146	3345.765

Sample Name: L1609-01 Acquired: 02/27/2020 13:06:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L75 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000843	.0014049	.0336898	.0395888	-.001750	.6743937	.4704070
Stddev	.001027	.0013565	.0007688	.0018266	.000739	.0053424	.0016747
%RSD	121.7943	96.55541	2.281890	4.613920	42.22965	.7921805	.3560160

#1	-.000314	.0006502	.0345767	.0416853	-.001557	.6795689	.4685654
#2	-.000189	.0005936	.0332134	.0383409	-.002566	.6747136	.4708171
#3	-.002027	.0029709	.0332793	.0387402	-.001127	.6688985	.4718387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161298	.0168242	15.97041	.0003322	.1280738	.0608556	.8892147
Stddev	.0001701	.0001310	.05659	.0000669	.0003554	.0015485	.0043423
%RSD	1.054609	.7783716	.3543245	20.14801	.2774955	2.544604	.4883293

#1	.0162967	.0168429	15.91868	.0004085	.1277252	.0590717	.8926205
#2	.0161362	.0166848	16.03084	.0003046	.1280605	.0618529	.8906987
#3	.0159566	.0169447	15.96172	.0002835	.1284356	.0616422	.8843250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004156	14.47469	.1274297	.0579740	13.61323	.0012977	-.001799
Stddev	.0003307	.03506	.0004366	.0002796	.12046	.0008802	.003011
%RSD	79.56958	.2421858	.3425927	.4823279	.8848782	67.82516	167.3997

#1	.0000897	14.46631	.1278131	.0578852	13.72216	.0002901	-.004524
#2	.0004062	14.44458	.1275214	.0577496	13.63366	.0019164	.001434
#3	.0007508	14.51317	.1269546	.0582873	13.48386	.0016867	-.002306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.166419	.0002527	-.005563	-.000198	.0003668	-.004909	-.001265
Stddev	.080021	.0031212	.000987	.000174	.0023342	.001064	.000448
%RSD	48.08391	1235.289	17.73544	88.01657	636.4164	21.67688	35.44489

#1	-.074461	.0011073	-.004563	-.000051	-.002267	-.004978	-.000748
#2	-.220214	-.003207	-.006535	-.000152	.002178	-.005936	-.001495
#3	-.204584	.002858	-.005591	-.000390	.001190	-.003812	-.001551

Sample Name: L1609-01 Acquired: 02/27/2020 13:06:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L75 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000022	-.001567	.0018735
Stddev	.000945	.001346	.0000567
%RSD	4377.002	85.91663	3.026604

#1	.001064	-.002971	.0019057
#2	-.000465	-.000288	.0018080
#3	-.000663	-.001440	.0019068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.131	2558.322	35952.26	7806.883	3303.475
Stddev	8.046	1.966	40.47	14.238	3.541
%RSD	.6487968	.0768320	.1125742	.1823818	.1072035

#1	1238.108	2556.512	35939.94	7791.491	3300.861
#2	1233.290	2560.413	35919.39	7809.574	3307.505
#3	1248.996	2558.040	35997.47	7819.584	3302.059

Sample Name: L1609-02 Acquired: 02/27/2020 13:18:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L75D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005602	.0001316	.0335001	.0422244	-.001989	.6712638	.4746227
Stddev	.003678	.0016973	.0014679	.0017642	.001511	.0012565	.0009393
%RSD	65.65964	1289.517	4.381698	4.178214	75.95080	.1871906	.1978986

#1	-.001955	.0019175	.0340422	.0401873	-.000293	.6706279	.4749439
#2	-.005540	-.001460	.0346199	.0432634	-.003190	.6704522	.4735650
#3	-.009311	-.000062	.0318383	.0432224	-.002485	.6727111	.4753593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158578	.0169846	15.94303	.0006327	.1270764	.0588250	.8930913
Stddev	.0001186	.0000858	.01838	.0002419	.0002290	.0023837	.0086509
%RSD	.7476591	.5050027	.1152627	38.23528	.1802320	4.052121	.9686470

#1	.0157879	.0170831	15.93086	.0008778	.1269188	.0593668	.9025554
#2	.0157908	.0169448	15.93407	.0006260	.1269713	.0608911	.8855913
#3	.0159947	.0169261	15.96417	.0003942	.1273391	.0562171	.8911271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001040	14.46867	.1272700	.0577628	13.46816	-.000519	-.001663
Stddev	.0004283	.01933	.0003763	.0001505	.20723	.003202	.002475
%RSD	411.9209	.1335985	.2956872	.2604546	1.538658	616.8831	148.8872

#1	-.000266	14.44891	.1272916	.0576434	13.65519	.003123	-.003546
#2	.000005	14.46955	.1268834	.0577134	13.50390	-.002890	.001141
#3	.000573	14.48754	.1276351	.0579318	13.24538	-.001790	-.002583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.206218	.0008660	-.006968	-.000159	-.001233	-.004689	-.001786
Stddev	.058299	.0033570	.000515	.000098	.001398	.001008	.001176
%RSD	28.27040	387.6456	7.395568	61.86059	113.3604	21.50474	65.86247

#1	-.152816	.0047313	-.006958	-.000271	-.002494	-.005025	-.002189
#2	-.197425	-.001320	-.007489	-.000087	.000270	-.003556	-.000461
#3	-.268414	-.000814	-.006458	-.000118	-.001475	-.005488	-.002708

Sample Name: L1609-02 Acquired: 02/27/2020 13:18:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L75D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000147	-.001040	.0019119
Stddev	.000881	.001117	.0000912
%RSD	599.5132	107.4029	4.767707

#1	.000761	-.002244	.0020074
#2	-.000999	-.000038	.0018258
#3	-.000203	-.000838	.0019025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.176	2539.586	35907.63	7801.873	3299.042
Stddev	6.538	6.236	123.89	26.447	5.020
%RSD	.5271435	.2455637	.3450263	.3389806	.1521616

#1	1242.648	2536.538	35800.03	7831.092	3293.449
#2	1245.117	2535.461	36043.08	7794.955	3300.521
#3	1232.763	2546.760	35879.78	7779.573	3303.157

Sample Name: L1609-03 Acquired: 02/27/2020 13:22:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L75S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0325961	.0512266	.0517964	.0906283	.0913056	2.369155	2.402657
Stddev	.0040609	.0066710	.0016260	.0036868	.0018199	.009593	.002298
%RSD	12.45809	13.02252	3.139195	4.068091	1.993163	.4048930	.0956299

#1	.0356847	.0539876	.0523819	.0866215	.0931687	2.373252	2.403575
#2	.0279963	.0560738	.0499588	.0938774	.0912158	2.358195	2.400042
#3	.0341073	.0436183	.0530486	.0913862	.0895323	2.376019	2.404354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628479	.0646947	15.74147	.1996391	.5971535	.2492305	1.911370
Stddev	.0001151	.0002799	.02385	.0016324	.0004140	.0024712	.004552
%RSD	.1832157	.4325979	.1514907	.8176921	.0693228	.9915403	.2381580

#1	.0629809	.0643954	15.72441	.1977541	.5975142	.2516268	1.911590
#2	.0627834	.0649499	15.73128	.2005896	.5967015	.2466906	1.915808
#3	.0627795	.0647389	15.76872	.2005734	.5972447	.2493741	1.906712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4691248	14.34075	.6068788	.0989440	13.38814	.4751176	.5074101
Stddev	.0009528	.08004	.0004880	.0007771	.20017	.0053492	.0049046
%RSD	.2031125	.5581438	.0804068	.7854269	1.495145	1.125867	.9666021

#1	.4693631	14.30303	.6063853	.0998145	13.36632	.4693607	.5129549
#2	.4680754	14.28653	.6068901	.0986974	13.19978	.4760578	.5056363
#3	.4699358	14.43268	.6073610	.0983200	13.59833	.4799344	.5036392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.139021	.0008900	-.006644	-.000201	.0006864	-.004885	-.000148
Stddev	.022476	.0007805	.000537	.000431	.0036108	.001059	.000705
%RSD	16.16745	87.69439	8.087315	214.5409	526.0509	21.68116	474.9699

#1	-.137748	.0001981	-.007226	.000294	-.002366	-.006023	-.000023
#2	-.117208	.0017360	-.006539	-.000499	.004672	-.003928	-.000907
#3	-.162106	.0007358	-.006167	-.000398	-.000247	-.004704	.000485

Sample Name: L1609-03 Acquired: 02/27/2020 13:22:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L75S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000500	-.001696	.0018746
Stddev	.001310	.000766	.0000379
%RSD	262.0444	45.18082	2.023136

#1	-.002011	-.000928	.0018926
#2	.000217	-.002461	.0018310
#3	.000295	-.001699	.0019001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.268	2558.130	35997.45	7826.159	3310.198
Stddev	14.214	5.170	252.06	28.604	8.137
%RSD	1.141464	.2020825	.7002182	.3654865	.2458106

#1	1228.899	2553.074	35725.00	7815.582	3301.539
#2	1254.501	2557.908	36045.00	7804.351	3311.370
#3	1252.403	2563.406	36222.35	7858.545	3317.686

Sample Name: L1609-01LX5 Acquired: 02/27/2020 13:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2L75L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002782	.0011437	.0060871	.0074532	-.001888	.1336042	.0924399
Stddev	.004133	.0003357	.0008583	.0018350	.000562	.0064413	.0003183
%RSD	148.5491	29.35448	14.09977	24.62055	29.77513	4.821212	.3443017

#1	-.005516	.0008660	.0070775	.0095255	-.001542	.1261725	.0922146
#2	-.004804	.0010483	.0056236	.0067993	-.001585	.1370600	.0923011
#3	.001973	.0015168	.0055603	.0060346	-.002536	.1375803	.0928040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033389	.0033829	3.197746	-.000561	.0254093	.0142588	.1799158
Stddev	.0000627	.0000884	.019921	.000251	.0002645	.0015867	.0065574
%RSD	1.877932	2.612376	.6229839	44.80994	1.041045	11.12759	3.644686

#1	.0033757	.0032959	3.206382	-.000439	.0252968	.0133944	.1874592
#2	.0033745	.0034726	3.174963	-.000850	.0257115	.0160899	.1755769
#3	.0032665	.0033803	3.211892	-.000394	.0252197	.0132920	.1767113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005680	2.916743	.0254482	.0116676	2.651903	.0002797	-.002178
Stddev	.0000506	.015234	.0003216	.0007330	.098453	.0009408	.001739
%RSD	8.905866	.5223050	1.263949	6.282187	3.712544	336.3503	79.84105

#1	.0005770	2.919103	.0258036	.0111954	2.762612	.0002406	-.003750
#2	.0006135	2.930659	.0253640	.0112955	2.618925	-.000641	-.000310
#3	.0005135	2.900466	.0251770	.0125120	2.574172	.001240	-.002475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.100031	.0004534	-.007565	-.000303	-.004722	-.004287	-.001179
Stddev	.031549	.0008186	.000569	.000255	.003392	.000585	.001777
%RSD	31.53871	180.5471	7.527284	84.27031	71.81856	13.63739	150.6894

#1	-.080674	.0009914	-.007884	-.000566	-.006552	-.003771	-.002749
#2	-.136436	-.000489	-.007903	-.000287	-.000809	-.004921	-.001538
#3	-.082983	.000858	-.006907	-.000056	-.006806	-.004168	.000750

Sample Name: L1609-01LX5 Acquired: 02/27/2020 13:26:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L75L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014603	-.002642	.0002925
Stddev	.0005216	.000802	.0000427
%RSD	35.71954	30.34869	14.60981

#1	.0010548	-.001966	.0002803
#2	.0012774	-.003528	.0002572
#3	.0020488	-.002433	.0003400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.061	2579.810	36220.65	7763.573	3359.820
Stddev	1.352	2.434	38.02	31.021	3.115
%RSD	.1080970	.0943369	.1049626	.3995695	.0927063

#1	1252.574	2579.601	36179.35	7729.573	3359.748
#2	1249.970	2577.487	36228.40	7770.809	3356.742
#3	1250.638	2582.341	36254.19	7790.336	3362.970

Sample Name: CCV076 Acquired: 02/27/2020 13:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.865321	4.669382	24.13982	5.024429	4.860786	400.2465	9.831394
Stddev	.010755	.015652	.06508	.030443	.004496	2.6815	.006186
%RSD	.2210527	.3352145	.2695836	.6059027	.0925022	.6699624	.0629229

#1	4.855848	4.672806	24.13406	5.035890	4.858845	397.8984	9.838436
#2	4.863103	4.652301	24.07782	4.989918	4.857587	403.1685	9.828909
#3	4.877012	4.683039	24.20759	5.047477	4.865927	399.6726	9.826836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4720149	2.445280	399.4264	14.90323	2.448264	14.00947	412.4386
Stddev	.0013064	.006534	.5183	.02761	.006165	.07838	.0841
%RSD	.2767599	.2672043	.1297642	.1852921	.2517977	.5594642	.0204023

#1	.4706089	2.447220	399.3557	14.87684	2.449784	14.09986	412.4011
#2	.4731911	2.437996	399.9765	14.93192	2.441481	13.96825	412.5350
#3	.4722449	2.450624	398.9471	14.90094	2.453526	13.96030	412.3798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.09950	406.8975	2.460910	1.231339	405.7498	2.378571	14.47807
Stddev	.03689	.5315	.003825	.004590	.6065	.006385	.09772
%RSD	.2616650	.1306164	.1554312	.3727376	.1494676	.2684449	.6749686

#1	14.12336	406.3749	2.458596	1.228904	405.7105	2.377330	14.40631
#2	14.11814	407.4374	2.458810	1.236633	405.1640	2.385486	14.58937
#3	14.05701	406.8802	2.465325	1.228480	406.3750	2.372898	14.43853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.2582	4.841520	4.658076	4.954012	5.063080	4.621980	4.940293
Stddev	.3600	.005992	.017784	.006908	.013693	.014631	.013526
%RSD	.2411793	.1237672	.3817854	.1394368	.2704509	.3165421	.2737801

#1	149.6678	4.845204	4.640770	4.958225	5.052232	4.609194	4.944817
#2	148.9921	4.834606	4.676302	4.957772	5.078466	4.637936	4.925086
#3	149.1147	4.844752	4.657155	4.946040	5.058541	4.618812	4.950978

Sample Name: CCV076 Acquired: 02/27/2020 13:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.900336	5.090670	4.936167
Stddev	.008358	.004005	.006476
%RSD	.1705571	.0786820	.1312045

#1	4.897222	5.092570	4.943565
#2	4.909804	5.093372	4.931522
#3	4.893983	5.086068	4.933415

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.368	2215.203	32262.76	7480.857	2630.611
Stddev	3.945	2.659	84.73	3.685	4.170
%RSD	.3759033	.1200256	.2626228	.0492645	.1585339

#1	1053.385	2213.320	32270.10	7478.980	2628.482
#2	1045.500	2214.045	32174.60	7478.488	2635.416
#3	1049.220	2218.244	32343.59	7485.103	2627.934

Sample Name: CCB076 Acquired: 02/27/2020 13:35:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001394	.0036474	.0033485	.0023056	-.001792	-.006378	-.002643
Stddev	.002800	.0012665	.0009316	.0008456	.001142	.005587	.000433
%RSD	200.8248	34.72364	27.82163	36.67861	63.70159	87.60643	16.39897

#1	-.004159	.0034969	.0042388	.0015490	-.002939	-.000270	-.002165
#2	-.001463	.0049824	.0023804	.0032185	-.001784	-.007632	-.002753
#3	.001439	.0024628	.0034263	.0021492	-.000655	-.011231	-.003010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001050	.0000809	.0114690	.0001756	-.000031	.0040600	.0160671
Stddev	.0000478	.0000085	.0063063	.0002981	.000162	.0043224	.0086161
%RSD	45.46337	10.55146	54.98535	169.7476	529.2442	106.4629	53.62547

#1	.0000804	.0000764	.0105747	.0003488	.000155	.0034708	.0256002
#2	.0001601	.0000756	.0181747	-.000169	-.000138	.0000625	.0137658
#3	.0000746	.0000908	.0056576	.000347	-.000108	.0086469	.0088354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007145	.0365481	-.000159	-.000004	-.117410	.0002562	.0005397
Stddev	.0003193	.0235082	.000433	.000472	.164364	.0024088	.0034728
%RSD	44.69257	64.32121	272.3186	10822.36	139.9908	940.2899	643.4878

#1	.0003538	.0152787	.000144	-.000177	-.216916	.0019560	-.002502
#2	.0009610	.0617891	.000034	.000529	-.207619	-.002500	-.000202
#3	.0008287	.0325764	-.000655	-.000366	.072305	.001313	.004323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.127317	-.001499	.0069981	.0002787	-.001977	-.004510	.0002432
Stddev	.023553	.001618	.0009667	.0002442	.001471	.000517	.0005068
%RSD	18.49968	107.9586	13.81345	87.60953	74.41678	11.47064	208.4105

#1	-.132004	-.003314	.0071661	.0000098	-.001075	-.004446	.0006562
#2	-.148174	-.000205	.0059584	.0004866	-.003675	-.004027	-.000322
#3	-.101772	-.000978	.0078698	.0003396	-.001181	-.005056	.000396

Sample Name: CCB076 Acquired: 02/27/2020 13:35:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016222	.0018824	.0000313
Stddev	.0009774	.0018705	.0000303
%RSD	60.25170	99.36437	96.80520

#1	.0006804	.0008016	.0000594
#2	.0026317	.0008035	.0000354
#3	.0015545	.0040423	-.000001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.743	2570.309	36308.50	7780.613	3347.879
Stddev	5.878	7.139	170.22	19.688	8.365
%RSD	.4673556	.2777642	.4688103	.2530439	.2498602

#1	1251.516	2563.101	36130.05	7777.363	3340.467
#2	1263.196	2577.378	36469.07	7762.751	3356.949
#3	1258.516	2570.448	36326.39	7801.723	3346.222

Sample Name: CCV077 Acquired: 02/27/2020 15:16:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854189	4.561508	23.77498	5.109122	4.845741	405.5651	9.869988
Stddev	.004008	.011631	.03209	.004483	.005837	.9371	.017861
%RSD	.0825734	.2549876	.1349755	.0877451	.1204619	.2310612	.1809673

#1	4.854811	4.555625	23.73807	5.104148	4.851348	406.6194	9.886560
#2	4.857849	4.553994	23.79623	5.112849	4.846177	404.8272	9.851069
#3	4.849905	4.574906	23.79066	5.110370	4.839698	405.2487	9.872336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4753018	2.426594	399.1347	14.85961	2.418638	13.83060	416.9054
Stddev	.0015267	.003877	1.1101	.00689	.003792	.06502	.2928
%RSD	.3212066	.1597763	.2781294	.0463500	.1567854	.4700831	.0702233

#1	.4739981	2.423822	400.3231	14.86475	2.414700	13.90519	417.0498
#2	.4749258	2.424936	398.1244	14.86228	2.418947	13.80072	416.5684
#3	.4769813	2.431024	398.9566	14.85178	2.422265	13.78591	417.0979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.99241	411.0345	2.443133	1.230735	407.1934	2.377499	14.35700
Stddev	.02953	.1598	.004001	.002386	1.3409	.014817	.06419
%RSD	.2110283	.0388703	.1637726	.1938901	.3293003	.6232352	.4471046

#1	14.02288	410.9869	2.439366	1.231153	407.2335	2.376362	14.42242
#2	13.96393	411.2126	2.442700	1.232885	405.8330	2.363283	14.29412
#3	13.99043	410.9039	2.447333	1.228168	408.5139	2.392852	14.35446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.8675	4.748867	4.651658	5.023734	5.081317	4.605546	4.906115
Stddev	.1377	.023585	.013431	.004193	.021621	.012742	.010189
%RSD	.0918824	.4966443	.2887299	.0834706	.4254925	.2766650	.2076875

#1	149.9698	4.745135	4.636263	5.025017	5.084285	4.590851	4.904181
#2	149.7110	4.727370	4.660975	5.019049	5.058366	4.613513	4.897031
#3	149.9219	4.774095	4.657738	5.027136	5.101300	4.612275	4.917132

Sample Name: CCV077 Acquired: 02/27/2020 15:16:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.875991	5.137920	4.932615
Stddev	.007525	.003862	.026408
%RSD	.1543304	.0751615	.5353796

#1	4.867392	5.137716	4.921958
#2	4.879209	5.134164	4.962686
#3	4.881372	5.141880	4.913200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1035.496	2175.711	32001.44	7404.458	2637.765
Stddev	1.427	1.955	29.54	7.456	.475
%RSD	.1378425	.0898710	.0923232	.1006953	.0180041

#1	1034.263	2174.250	31968.91	7400.178	2637.970
#2	1037.060	2174.951	32026.60	7413.067	2638.102
#3	1035.166	2177.932	32008.82	7400.129	2637.222

Sample Name: CCB077 Acquired: 02/27/2020 15:20:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006241	.0023024	.0019989	.0023457	-.002311	-.004703	-.002554
Stddev	.002945	.0015503	.0011991	.0033838	.001007	.001485	.000214
%RSD	47.18845	67.33354	59.98972	144.2576	43.58739	31.56567	8.375800

#1	-.009356	.0025432	.0027651	-.001284	-.001166	-.003170	-.002559
#2	-.005865	.0037181	.0026146	.005413	-.003062	-.006134	-.002766
#3	-.003503	.0006458	.0006170	.002909	-.002705	-.004806	-.002338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001428	.0000717	-.004978	-.000134	-.000008	.0052950	.0119824
Stddev	.0000459	.0000652	.010367	.000389	.000042	.0005457	.0051627
%RSD	32.13359	90.97854	208.2551	290.2099	518.3724	10.30610	43.08526

#1	.0001514	-.000001	-.007779	.000226	-.000054	.0059144	.0167085
#2	.0000932	.000093	.006502	-.000546	.000000	.0048851	.0064728
#3	.0001838	.000124	-.013658	-.000081	.000029	.0050855	.0127659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005368	.0143491	-.000237	.0001757	.0319267	-.000187	-.002100
Stddev	.0006036	.0316111	.000519	.0003311	.0940275	.000270	.000339
%RSD	112.4446	220.2997	219.0402	188.4072	294.5103	144.0231	16.15445

#1	.0001243	-.016586	.000357	.0002687	-.067870	-.000458	-.002491
#2	.0002565	.013038	-.000465	-.000192	.118861	-.000186	-.001905
#3	.0012297	.046595	-.000604	.000450	.044788	.000082	-.001902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343095	.0008567	.0045188	.0007245	-.004790	-.004386	-.000084
Stddev	.0212741	.0035284	.0002983	.0004318	.001331	.001285	.000392
%RSD	62.00628	411.8716	6.601447	59.60761	27.79445	29.29008	464.1327

#1	.0277768	-.000051	.0047546	.0012231	-.003455	-.005823	-.000528
#2	.0580839	.004750	.0041834	.0004790	-.004799	-.003989	.000215
#3	.0170679	-.002129	.0046182	.0004713	-.006118	-.003347	.000060

Sample Name: CCB077 Acquired: 02/27/2020 15:20:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000373	.0012039	-.000069
Stddev	.001501	.0011558	.000049
%RSD	402.6842	96.00611	70.89213

#1	-.001388	-.000130	-.000090
#2	-.001081	.001910	-.000013
#3	.001351	.001832	-.000104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1239.582	2553.620	36024.55	7731.839	3369.923
Stddev	2.432	2.162	126.47	24.342	2.670
%RSD	.1961765	.0846513	.3510799	.3148317	.0792260

#1	1239.087	2553.482	35913.12	7759.208	3367.245
#2	1237.436	2555.847	35998.51	7712.607	3372.584
#3	1242.223	2551.530	36162.02	7723.704	3369.941

Sample Name: L1609-14 Acquired: 02/27/2020 15:37:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2L79D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4880386	.1173806	.2654975	.0474009	.1864322	20.39187	.0825022
Stddev	.0034012	.0028250	.0009488	.0034604	.0010805	.12169	.0004013
%RSD	.6969182	2.406718	.3573799	7.300362	.5795606	.5967609	.4864370

#1	.4881261	.1205415	.2663891	.0485438	.1868672	20.39451	.0829538
#2	.4845944	.1151020	.2645003	.0501454	.1872274	20.51221	.0823661
#3	.4913952	.1164984	.2656031	.0435136	.1852020	20.26888	.0821865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013781	.1322130	13.41145	.1472012	.0096406	.7215682	41.07162
Stddev	.0001641	.0004411	.01108	.0007906	.0001855	.0005843	.08701
%RSD	11.90766	.3336120	.0826081	.5371088	1.923860	.0809757	.2118468

#1	.0015371	.1323757	13.42335	.1466342	.0096695	.7221118	40.97338
#2	.0012094	.1317137	13.40955	.1481043	.0098099	.7216423	41.13896
#3	.0013878	.1325496	13.40144	.1468650	.0094424	.7209503	41.10251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5967254	4.252574	.0137608	.0602783	.3746783	.0314808	.4153383
Stddev	.0008416	.037672	.0003389	.0001441	.1097384	.0031208	.0044075
%RSD	.1410307	.8858601	2.462461	.2390909	29.28870	9.913260	1.061181

#1	.5962969	4.289783	.0135071	.0603990	.2489896	.0295305	.4107430
#2	.5976949	4.214455	.0141456	.0603171	.4235840	.0350801	.4195302
#3	.5961842	4.253484	.0136298	.0601187	.4514612	.0298317	.4157418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.016629	.1520884	-.006327	.0031101	.9336481	6.733407	.0085221
Stddev	.051996	.0029452	.002175	.0002457	.0036768	.039803	.0007635
%RSD	1.723635	1.936520	34.37185	7.898966	.3938113	.5911331	8.959006

#1	3.076416	.1488602	-.008724	.0033832	.9338254	6.775388	.0078783
#2	2.991507	.1527757	-.005777	.0029069	.9372331	6.696214	.0093656
#3	2.981966	.1546291	-.004480	.0030403	.9298859	6.728619	.0083225

Sample Name: L1609-14 Acquired: 02/27/2020 15:37:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L79D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5487855	.0078815	.0283669
Stddev	.0024868	.0010541	.0000877
%RSD	.4531455	13.37413	.3092404

#1	.5495323	.0066902	.0282795
#2	.5460109	.0082612	.0284550
#3	.5508134	.0086931	.0283663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.709	2633.850	37468.70	8159.230	3390.862
Stddev	1.856	1.109	44.03	33.314	2.803
%RSD	.1445986	.0420952	.1174985	.4083000	.0826579

#1	1281.649	2632.796	37441.67	8128.354	3393.277
#2	1284.226	2635.006	37444.93	8194.539	3391.520
#3	1285.252	2633.747	37519.50	8154.796	3387.789

Sample Name: L1609-13 Acquired: 02/27/2020 15:45:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2L79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4625431	.1144212	.2558509	.0494139	.1985472	20.97989	.0789087
Stddev	.0046550	.0008622	.0015870	.0038139	.0019648	.06805	.0007938
%RSD	1.006385	.7535033	.6202948	7.718252	.9896020	.3243703	1.005948

#1	.4610921	.1151781	.2554023	.0513428	.2002401	21.01151	.0797278
#2	.4587864	.1134827	.2576140	.0450209	.1963927	20.90179	.0788553
#3	.4677507	.1146029	.2545365	.0518781	.1990088	21.02639	.0781430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014302	.1278748	13.10924	.1417678	.0115124	.6951833	41.26360
Stddev	.0000653	.0001079	.01620	.0004094	.0002803	.0017427	.11043
%RSD	4.562936	.0844022	.1236018	.2887915	2.435064	.2506888	.2676317

#1	.0014197	.1277660	13.12750	.1420428	.0117774	.6939642	41.38282
#2	.0015001	.1278764	13.09658	.1412972	.0112189	.6971794	41.16480
#3	.0013709	.1279819	13.10363	.1419632	.0115408	.6944064	41.24318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6078368	4.347972	.0135921	.0580907	.3911420	.0324173	.3986688
Stddev	.0001049	.016933	.0002817	.0003910	.3422290	.0044115	.0060290
%RSD	.0172625	.3894398	2.072292	.6731313	87.49483	13.60841	1.512278

#1	.6078900	4.362538	.0132902	.0585301	.0215204	.0364777	.4034951
#2	.6077159	4.329394	.0138479	.0579609	.4548923	.0330510	.4006005
#3	.6079044	4.351986	.0136382	.0577810	.6970132	.0277233	.3919107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.054139	.1434315	-.006717	.0047232	.9397343	2.737439	.0091459
Stddev	.058520	.0013862	.001528	.0005700	.0032271	.010734	.0005257
%RSD	1.916093	.9664244	22.74043	12.06809	.3434033	.3921076	5.748464

#1	3.033503	.1447472	-.006339	.0046762	.9360084	2.746571	.0091781
#2	3.008733	.1435630	-.008398	.0041781	.9415496	2.725616	.0096548
#3	3.120182	.1419843	-.005414	.0053152	.9416449	2.740131	.0086048

Sample Name: L1609-13 Acquired: 02/27/2020 15:45:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L79 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6711168	.0074349	.0281136
Stddev	.0017357	.0017086	.0001028
%RSD	.2586261	22.98138	.3656682

#1	.6692312	.0071186	.0280153
#2	.6726478	.0059065	.0282204
#3	.6714714	.0092796	.0281051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.145	2648.067	37510.28	8132.700	3395.931
Stddev	8.195	6.745	167.34	22.881	3.420
%RSD	.6347117	.2547228	.4461079	.2813470	.1006948

#1	1283.258	2649.093	37414.68	8122.548	3395.252
#2	1299.617	2654.241	37703.50	8158.900	3399.639
#3	1290.561	2640.868	37412.66	8116.651	3392.901

Sample Name: L1609-15 Acquired: 02/27/2020 15:57:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2L79S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5371109	.2233618	.2985976	.1605457	.3937125	24.11412	4.521477
Stddev	.0032661	.0028927	.0015800	.0008237	.0024991	.07266	.008772
%RSD	.6080890	1.295083	.5291533	.5130678	.6347423	.3013174	.1940017

#1	.5373854	.2266736	.2968047	.1598804	.3937286	24.15072	4.531304
#2	.5337161	.2213291	.2997870	.1614671	.3912054	24.03044	4.514437
#3	.5402310	.2220828	.2992010	.1602898	.3962034	24.16120	4.518691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1077680	.2359492	12.89536	.5935635	1.106986	1.115142	42.44494
Stddev	.0003215	.0003431	.02318	.0002641	.002633	.005131	.04454
%RSD	.2982858	.1454000	.1797235	.0444990	.2378220	.4601112	.1049341

#1	.1081081	.2356234	12.92184	.5936362	1.104642	1.121065	42.42791
#2	.1074692	.2359171	12.88551	.5937836	1.106481	1.112284	42.41143
#3	.1077268	.2363073	12.87873	.5932706	1.109834	1.112075	42.49548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651268	4.178856	1.136735	.1532037	.2283524	1.121252	1.568100
Stddev	.002203	.038162	.003070	.0002662	.0737703	.001807	.006414
%RSD	.1333940	.9132208	.2700894	.1737510	32.30545	.1611866	.4090174

#1	1.651731	4.197447	1.134056	.1533129	.2744412	1.121512	1.574134
#2	1.648871	4.134961	1.136063	.1529002	.2673477	1.119329	1.568803
#3	1.653203	4.204160	1.140085	.1533979	.1432683	1.122916	1.561364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.931281	.1434629	-.005894	.0038784	.9159669	4.465477	.0076060
Stddev	.004745	.0045992	.000287	.0000847	.0027086	.018680	.0013820
%RSD	.1618667	3.205843	4.862430	2.184636	.2957151	.4183313	18.17030

#1	2.934963	.1398154	-.005590	.0037809	.9164131	4.481533	.0077097
#2	2.925926	.1486295	-.005933	.0039350	.9184247	4.444974	.0061750
#3	2.932953	.1419439	-.006160	.0039191	.9130628	4.469923	.0089331

Sample Name: L1609-15 Acquired: 02/27/2020 15:57:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L79S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5988967	.0072479	.0277587
Stddev	.0026231	.0019058	.0000976
%RSD	.4379949	26.29407	.3514569

#1	.5966755	.0077297	.0277940
#2	.6017907	.0088666	.0278338
#3	.5982238	.0051475	.0276485

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1284.555	2625.510	37455.62	8178.248	3386.528
Stddev	5.224	2.678	162.31	28.576	3.421
%RSD	.4067030	.1019993	.4333477	.3494096	.1010202

#1	1279.025	2627.358	37314.27	8145.864	3388.845
#2	1285.233	2626.732	37419.71	8199.920	3388.141
#3	1289.408	2622.438	37632.88	8188.959	3382.599

Sample Name: L1609-13LX5 Acquired: 02/27/2020 16:01:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L79L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964583	.0254765	.0528356	.0095396	.0383394	4.240780	.0142997
Stddev	.0048781	.0017239	.0009375	.0051372	.0004520	.018968	.0004705
%RSD	5.057197	6.766732	1.774437	53.85154	1.178853	.4472686	3.290216

#1	.0959238	.0272215	.0521798	.0128381	.0388593	4.247025	.0148389
#2	.0918695	.0237745	.0539094	.0036206	.0380400	4.255838	.0140875
#3	.1015816	.0254335	.0524176	.0121602	.0381189	4.219477	.0139727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004715	.0265506	2.722349	.0301104	.0021991	.1455362	8.440235
Stddev	.0000618	.0001184	.011917	.0010314	.0003194	.0005863	.031524
%RSD	13.09975	.4457830	.4377489	3.425259	14.52361	.4028400	.3735019

#1	.0004307	.0266657	2.723885	.0299877	.0025394	.1449419	8.445938
#2	.0004412	.0265569	2.733423	.0311977	.0019058	.1455526	8.468518
#3	.0005426	.0264292	2.709738	.0291459	.0021521	.1461141	8.406248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240711	.9033847	.0026717	.0122129	-.123181	.0069196	.0827177
Stddev	.0003924	.0178817	.0003527	.0001138	.139889	.0007887	.0023280
%RSD	.3162324	1.979417	13.20047	.9320029	113.5637	11.39793	2.814352

#1	.1243724	.9183358	.0030048	.0123126	-.270929	.0060090	.0850314
#2	.1242135	.8835760	.0027081	.0122371	-.105847	.0073634	.0827462
#3	.1236275	.9082422	.0023023	.0120889	.007233	.0073863	.0803757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5172976	.0303207	-.008186	.0006623	.1876221	.9285329	-.000350
Stddev	.1348895	.0011183	.000869	.0002691	.0014675	.0101045	.001626
%RSD	26.07580	3.688194	10.62171	40.63041	.7821653	1.088223	465.1774

#1	.6468694	.0305899	-.009154	.0005423	.1864097	.9378559	-.000230
#2	.3776550	.0290924	-.007932	.0009705	.1872030	.9177958	.001214
#3	.5273683	.0312799	-.007472	.0004741	.1892535	.9299470	-.002032

Sample Name: L1609-13LX5 Acquired: 02/27/2020 16:01:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2L79L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1275271	.0011808	.0057811
Stddev	.0017253	.0016653	.0000444
%RSD	1.352917	141.0348	.7678075

#1	.1279460	.0002159	.0058305
#2	.1256308	.0002228	.0057680
#3	.1290044	.0031038	.0057447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.485	2557.123	36592.65	7905.369	3369.946
Stddev	7.346	8.870	118.84	21.947	2.247
%RSD	.5851152	.3468736	.3247589	.2776222	.0666921

#1	1249.034	2549.423	36518.92	7886.702	3367.360
#2	1253.942	2566.822	36529.30	7899.859	3371.435
#3	1263.480	2555.125	36729.75	7929.546	3371.041

Sample Name: CCV078 Acquired: 02/27/2020 16:51:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.108425	4.729483	24.96002	5.485439	5.085353	396.3246	10.33219
Stddev	.007125	.008001	.04568	.019287	.010659	1.0556	.01612
%RSD	.1394782	.1691625	.1830288	.3516050	.2096020	.2663467	.1560026

#1	5.101470	4.731125	24.92543	5.507284	5.088223	396.0361	10.33180
#2	5.115709	4.720790	24.94283	5.478267	5.073553	395.4433	10.31628
#3	5.108097	4.736536	25.01181	5.470765	5.094283	397.4945	10.34851

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4926603	2.567943	396.8632	15.54599	2.545576	14.26913	409.9266
Stddev	.0020733	.002400	1.2669	.02152	.002201	.07703	.1769
%RSD	.4208283	.0934487	.3192192	.1384002	.0864583	.5398669	.0431557

#1	.4918240	2.565513	395.5060	15.56847	2.543039	14.21202	410.1015
#2	.4950210	2.568007	397.0690	15.52559	2.546977	14.23864	409.9305
#3	.4911357	2.570311	398.0146	15.54392	2.546711	14.35675	409.7477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51727	413.2470	2.584875	1.282129	399.6192	2.486980	15.08986
Stddev	.06946	.3661	.002861	.002802	1.3072	.002025	.16294
%RSD	.4784319	.0885941	.1106910	.2185422	.3271054	.0814131	1.079817

#1	14.44513	412.9938	2.584308	1.279989	399.6277	2.484644	14.96346
#2	14.52298	413.0803	2.582340	1.281098	398.3079	2.488224	15.03237
#3	14.58369	413.6668	2.587977	1.285300	400.9222	2.488073	15.27376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.3504	4.942070	4.845206	5.336210	5.361456	4.741396	5.190330
Stddev	.3188	.007862	.019158	.003966	.010341	.029141	.009970
%RSD	.2038747	.1590863	.3953952	.0743207	.1928854	.6146137	.1920903

#1	156.3162	4.935321	4.835206	5.331711	5.370834	4.732322	5.191163
#2	156.0501	4.940185	4.867294	5.337720	5.350365	4.773995	5.179969
#3	156.6848	4.950703	4.833117	5.339200	5.363168	4.717872	5.199857

Sample Name: CCV078 Acquired: 02/27/2020 16:51:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.108612	5.410369	5.186062
Stddev	.005609	.011472	.018223
%RSD	.1097912	.2120395	.3513883

#1	5.105815	5.421943	5.165181
#2	5.115069	5.399002	5.198755
#3	5.104952	5.410163	5.194250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.786	2153.369	32029.92	7465.759	2627.159
Stddev	4.168	.235	158.31	25.932	1.475
%RSD	.4020368	.0108908	.4942673	.3473523	.0561517

#1	1040.192	2153.534	31975.61	7458.795	2625.559
#2	1038.029	2153.100	32208.25	7444.020	2628.466
#3	1032.138	2153.471	31905.92	7494.462	2627.453

Sample Name: CCB078 Acquired: 02/27/2020 16:55:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000668	.0027199	.0037029	.0018793	-.001747	.0010586	-.003105
Stddev	.0028421	.0030596	.0023847	.0020310	.000605	.0111189	.000544
%RSD	4251.805	112.4904	64.40198	108.0682	34.61855	1050.308	17.52171

#1	-.001803	.0037134	.0026211	.0041700	-.002054	-.000196	-.002598
#2	.003337	.0051592	.0064368	.0011690	-.002137	-.009380	-.003039
#3	-.001333	-.000713	.0020508	.0002989	-.001050	.012752	-.003680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001746	.0000477	.0053098	-.000169	.0000470	.0044331	.0076114
Stddev	.0000958	.0000772	.0137666	.000094	.0001098	.0017316	.0061804
%RSD	54.85736	161.8553	259.2699	55.63303	233.4281	39.06047	81.19839

#1	.0002293	.0001085	.0120788	-.000195	.0001642	.0031207	.0120596
#2	.0002304	-.000039	.0143813	-.000248	-.000053	.0063957	.0102202
#3	.0000640	.000074	-.010531	-.000065	.000030	.0037830	.0005544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005626	.0242841	-.000362	-.000054	.0606485	-.001427	-.000347
Stddev	.0001902	.0152434	.000344	.000140	.1331005	.000894	.001202
%RSD	33.80263	62.77092	95.04735	259.8925	219.4620	62.61229	346.3526

#1	.0003616	.0232059	-.000016	-.000027	.1835527	-.001867	.000430
#2	.0007396	.0400380	-.000366	-.000205	-.080720	-.000399	-.001731
#3	.0005866	.0096085	-.000704	.000070	.079113	-.002017	.000260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963417	-.001329	.0075148	.0004630	-.006244	-.004339	.0000980
Stddev	.0128508	.002079	.0008276	.0002055	.003702	.000786	.0010777
%RSD	13.33880	156.4919	11.01293	44.38255	59.28817	18.10163	1099.162

#1	.1101121	.000313	.0084336	.0006877	-.002552	-.004133	-.001103
#2	.0846684	-.003666	.0072831	.0002846	-.009956	-.003678	.000982
#3	.0942446	-.000632	.0068277	.0004168	-.006224	-.005208	.000415

Sample Name: CCB078 Acquired: 02/27/2020 16:55:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1090) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000540	.0025127	.0000036
Stddev	.000659	.0002398	.0000422
%RSD	122.0524	9.541529	1158.331

#1	-.001219	.0027804	-.000004
#2	.000097	.0023176	-.000034
#3	-.000499	.0024402	.000049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1246.814	2527.692	36183.28	7741.474	3360.514
Stddev	11.958	5.398	162.75	53.892	3.007
%RSD	.9591190	.2135706	.4497929	.6961472	.0894661

#1	1234.642	2521.507	36012.45	7724.644	3357.209
#2	1247.254	2530.119	36200.89	7801.773	3361.248
#3	1258.547	2531.452	36336.51	7698.005	3363.086