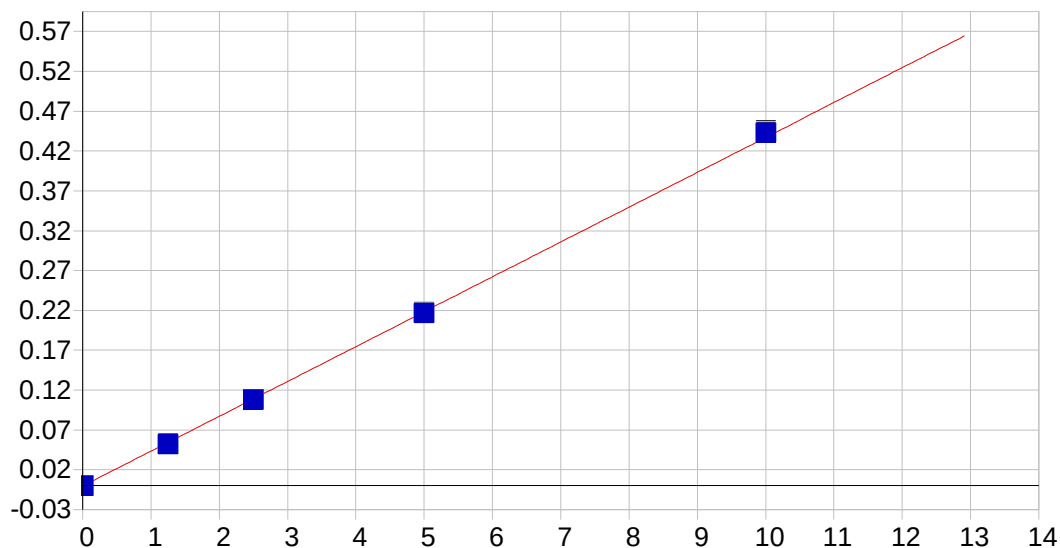


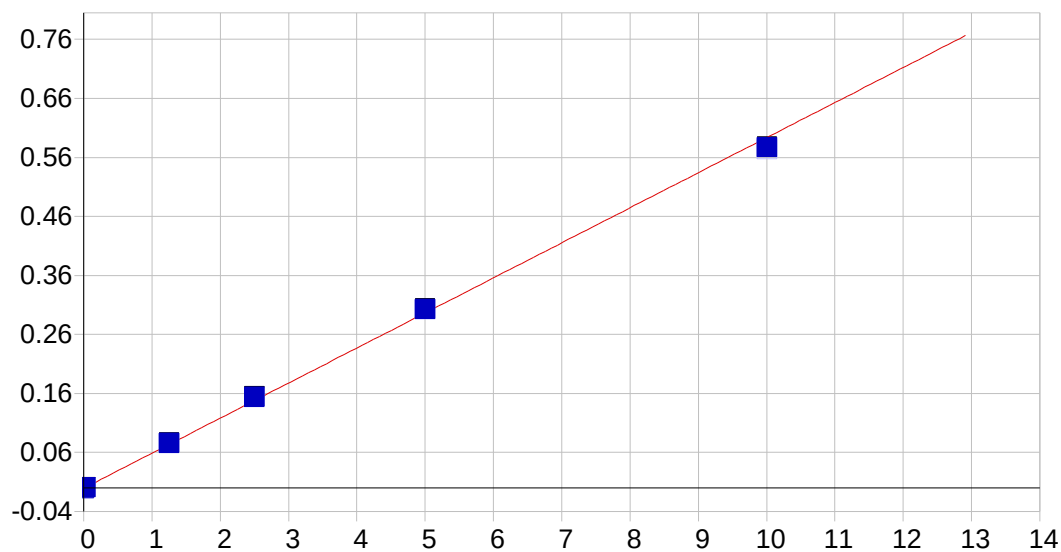


As 189.042 {479}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.043745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003503
 Predicted MQL: 0.011677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.01000	.00704	-.003	-29.6	-.00006	.000	1
S2	1.2500	1.1975	-.052	-4.20	.05222	.000	1
S3	2.5000	2.4662	-.034	-1.35	.10793	.001	1
S4	5.0000	4.9580	-.042	-.840	.21736	.000	1
S5	10.000	10.131	.131	1.31	.44450	.001	1

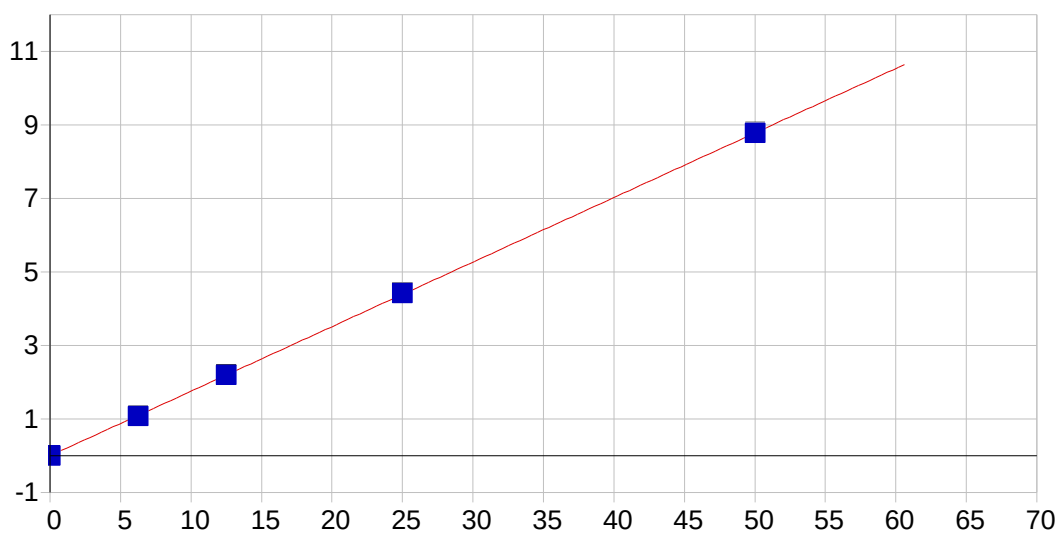


TI 190.856 {477}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000670 Re-Slope: 1.000000
 A1 (Gain): 0.059421 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999551 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.002249
 Predicted MQL: 0.007498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00067	.000	1
S1	.02500	.02433	-.001	-2.67	.00075	.000	1
S2	1.2500	1.2918	.042	3.34	.07564	.000	1
S3	2.5000	2.6129	.113	4.52	.15369	.000	1
S4	5.0000	5.1178	.118	2.36	.30164	.000	1
S5	10.000	9.7282	-.272	-2.72	.57380	.001	1

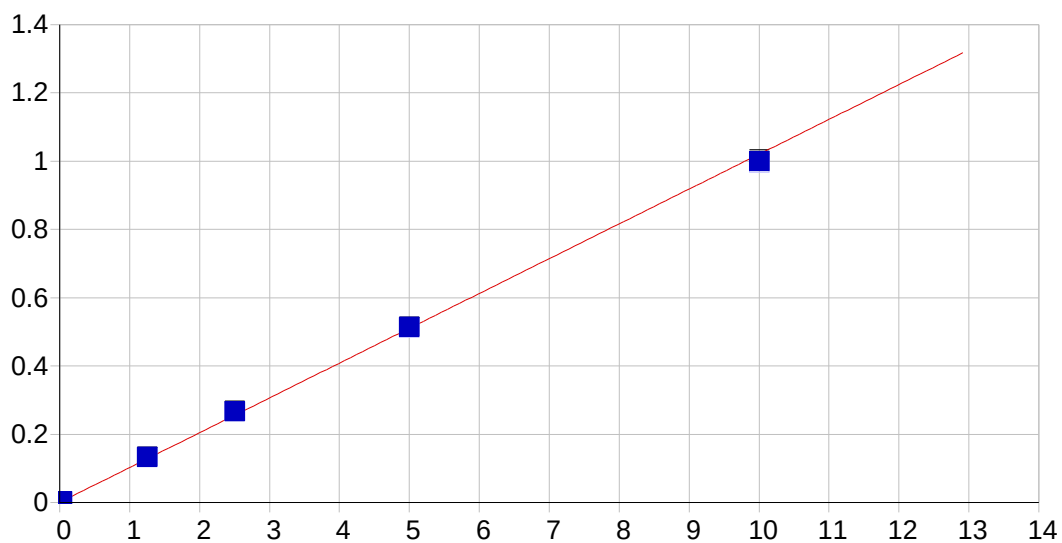


Pb 220.353 {453}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000537 Re-Slope: 1.000000
 A1 (Gain): 0.175635 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.001702
 Predicted MQL: 0.005674

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.01000	.00887	-.001	-11.3	.00103	.000	1
S2	6.2500	6.1150	-.135	-2.16	1.0750	.002	1
S3	12.500	12.507	.007	.053	2.1991	.003	1
S4	25.000	25.174	.174	.697	4.4270	.001	1
S5	50.000	49.955	-.045	-.090	8.7855	.017	1

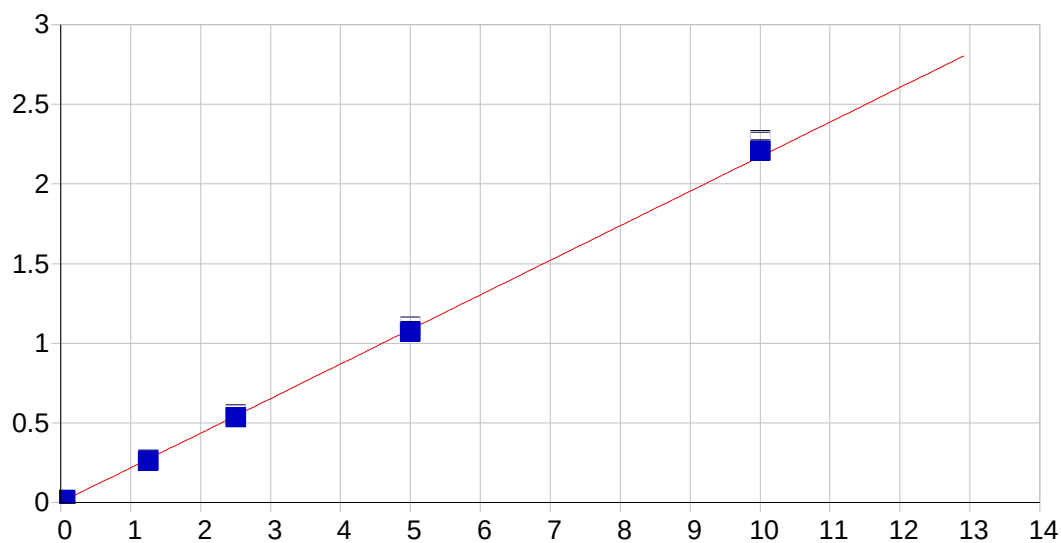


Se 196.090 {472}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000444 Re-Slope: 1.000000
 A1 (Gain): 0.101983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999695 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.002281
 Predicted MQL: 0.007604

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.03500	.03320	-.002	-5.14	.00383	.000	1
S2	1.2500	1.2970	.047	3.76	.13212	.000	1
S3	2.5000	2.6161	.116	4.64	.26605	.001	1
S4	5.0000	5.0349	.035	.697	.51153	.001	1
S5	10.000	9.8038	-.196	-1.96	.99548	.005	1

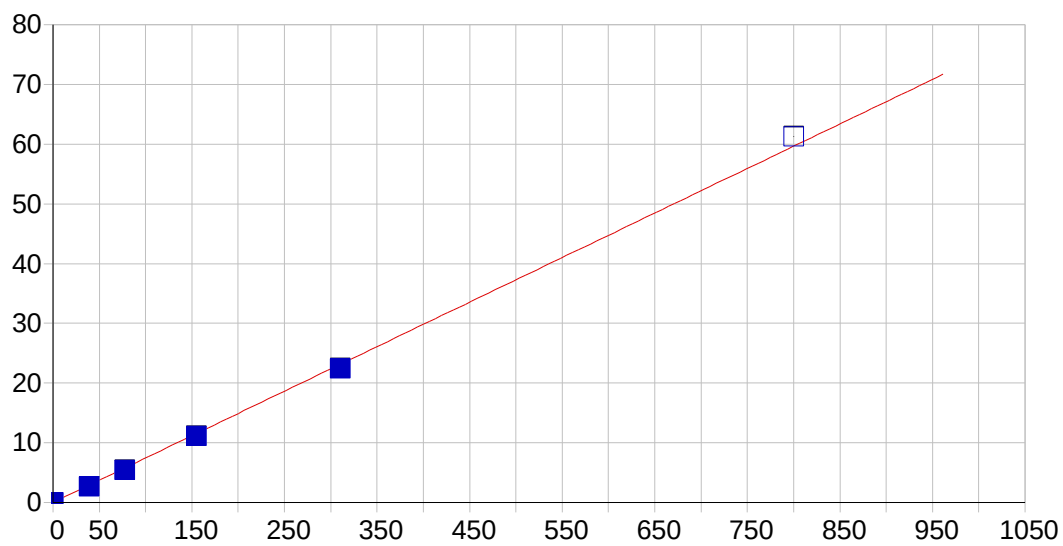


Sb 206.833 {463}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000952 Re-Slope: 1.000000
 A1 (Gain): 0.217074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000179
 Predicted MDL: 0.001354
 Predicted MQL: 0.004512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00095	.000	1
S1	.06000	.05512	-.005	-8.14	.01291	.000	1
S2	1.2500	1.1936	-.056	-4.51	.26745	.001	1
S3	2.5000	2.4524	-.048	-1.90	.54809	.001	1
S4	5.0000	4.9372	-.063	-1.26	1.1023	.002	1
S5	10.000	10.171	.171	1.71	2.2680	.006	1

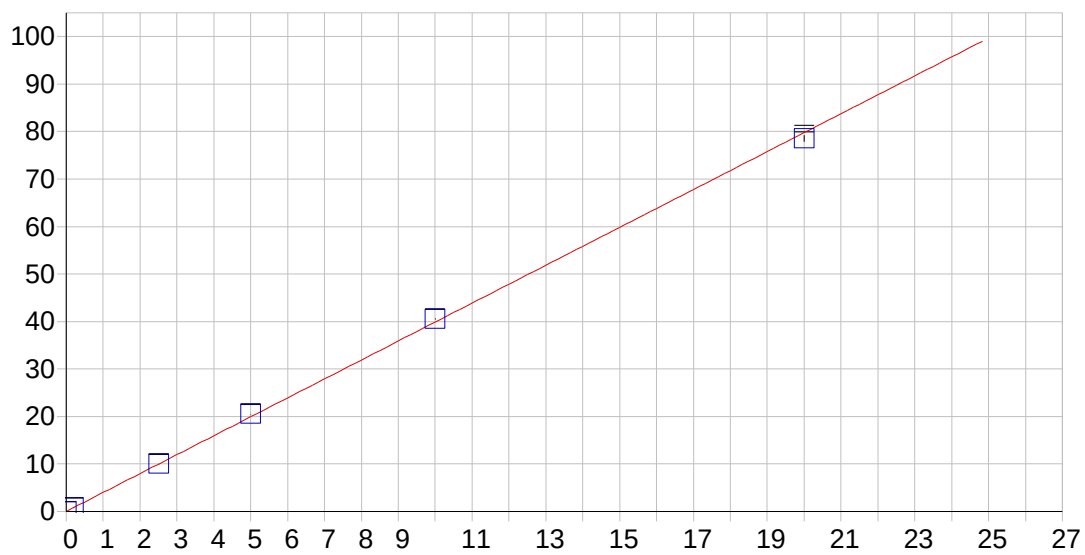


AI 396.152 { 85}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003056 Re-Slope: 1.000000
 A1 (Gain): 0.074558 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999426 Status: OK.
 Std Error of Est: 0.001572
 Predicted MDL: 0.013913
 Predicted MQL: 0.046376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00306	.000	1
S1	.20000	.18198	-.018	-9.01	.01664	.001	1
S2	38.750	35.734	-3.02	-7.78	2.6700	.006	1
S3	77.500	73.003	-4.50	-5.80	5.4513	.013	1
S4	155.00	149.16	-5.84	-3.77	11.135	.009	1
S5	310.00	301.14	-8.86	-2.86	22.477	.055	1
S6	800.00	822.25	22.3	2.78	61.308	.022	1

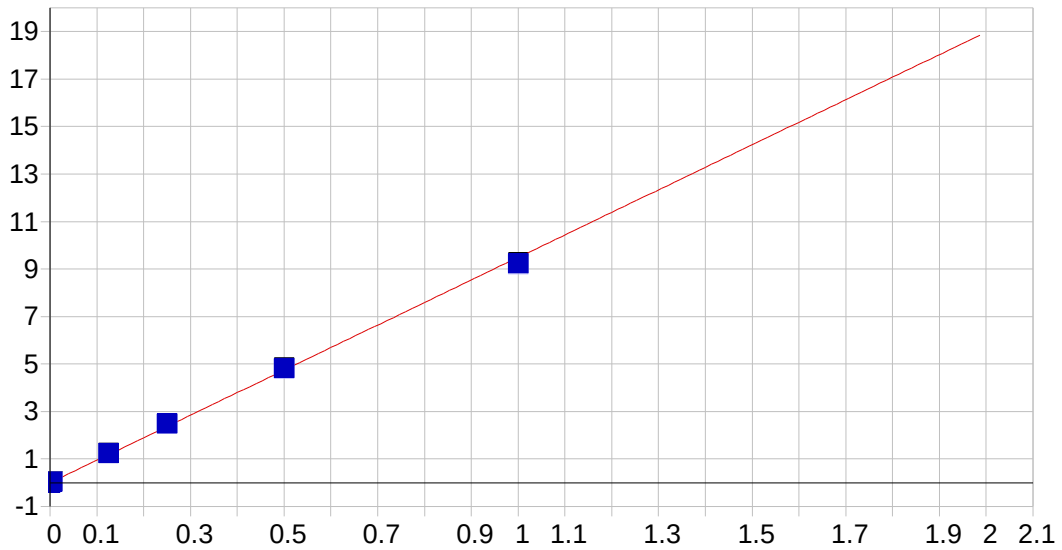


Ba 493.409 { 68}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002222 Re-Slope: 1.000000
 A1 (Gain): 3.988113 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.007545
 Predicted MDL: 0.000748
 Predicted MQL: 0.002494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00220	.001	1
S1	.20000	.19873	-.001	-.637	.79476	.001	1
S2	2.5000	2.5076	.008	.305	10.003	.022	1
S3	5.0000	5.1421	.142	2.84	20.510	.104	1
S4	10.000	10.169	.169	1.69	40.556	.024	1
S5	20.000	19.683	-.317	-1.59	78.500	.687	1

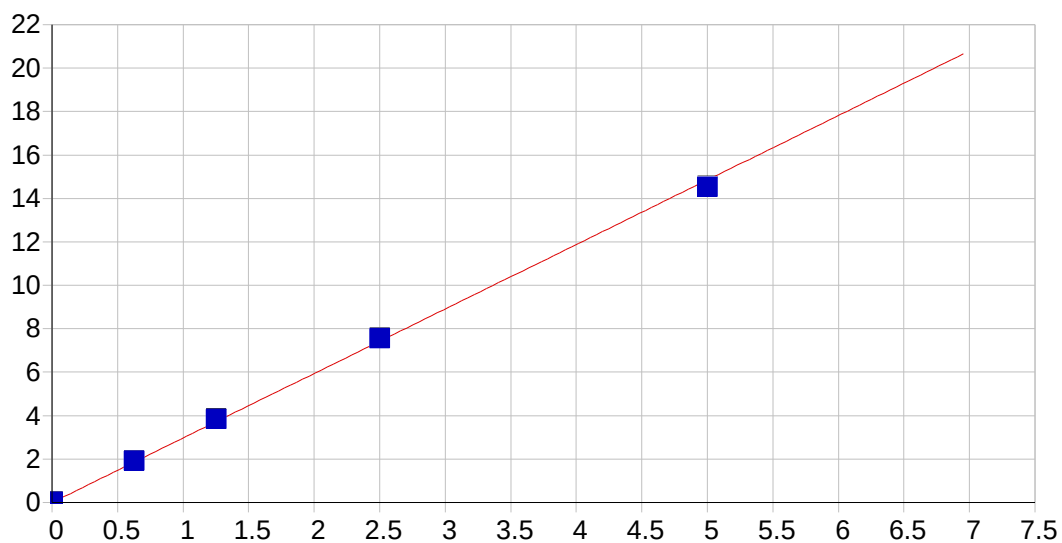


Be 234.861 {144}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001793 Re-Slope: 1.000000
 A1 (Gain): 9.489950 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999516 Status: OK.
 Std Error of Est: 0.001104
 Predicted MDL: 0.000060
 Predicted MQL: 0.000201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00180	.001	1
S1	.00500	.00503	.000	.545	.04587	.000	1
S2	.12500	.13149	.006	5.19	1.2409	.002	1
S3	.25000	.26254	.013	5.01	2.4793	.008	1
S4	.50000	.50776	.008	1.55	4.7961	.018	1
S5	1.0000	.97318	-.027	-2.68	9.1922	.042	1

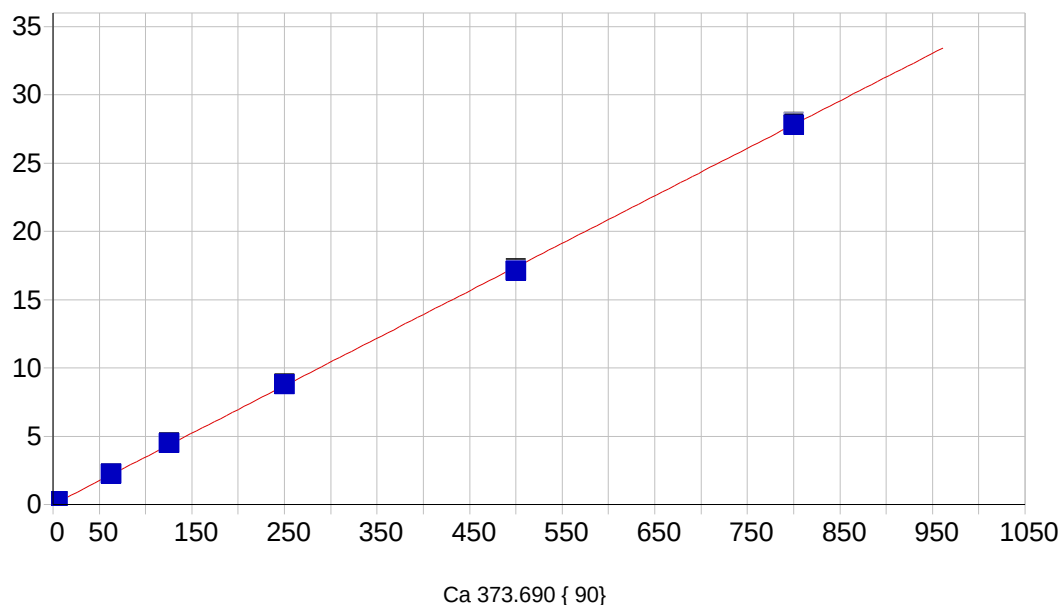


Cd 214.438 {457}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000565 Re-Slope: 1.000000
 A1 (Gain): 2.969576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.000612
 Predicted MDL: 0.000079
 Predicted MQL: 0.000264

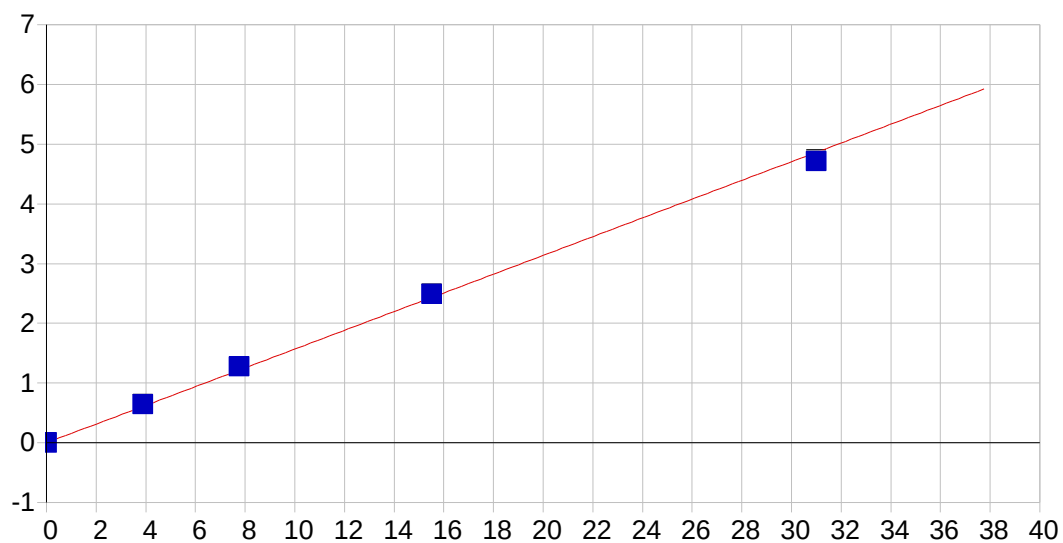
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.00500	.00502	.000	.469	.01549	.000	1
S2	.62500	.64617	.021	3.39	1.9232	.006	1
S3	1.2500	1.2941	.044	3.53	3.8510	.007	1
S4	2.5000	2.5468	.047	1.87	7.5789	.006	1
S5	5.0000	4.8879	-.112	-2.24	14.546	.034	1



Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001814 Re-Slope: 1.000000
 A1 (Gain): 0.034779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.001823
 Predicted MDL: 0.021367
 Predicted MQL: 0.071225

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	.00179	.001	1
S1	5.0000	5.2507	.251	5.01	.18445	.002	1
S2	62.500	64.600	2.10	3.36	2.2563	.011	1
S3	125.00	129.35	4.35	3.48	4.5158	.010	1
S4	250.00	252.55	2.55	1.02	8.8163	.011	1
S5	500.00	491.91	-8.09	-1.62	17.172	.085	1
S6	800.00	798.84	-1.16	-.145	27.950	.058	1

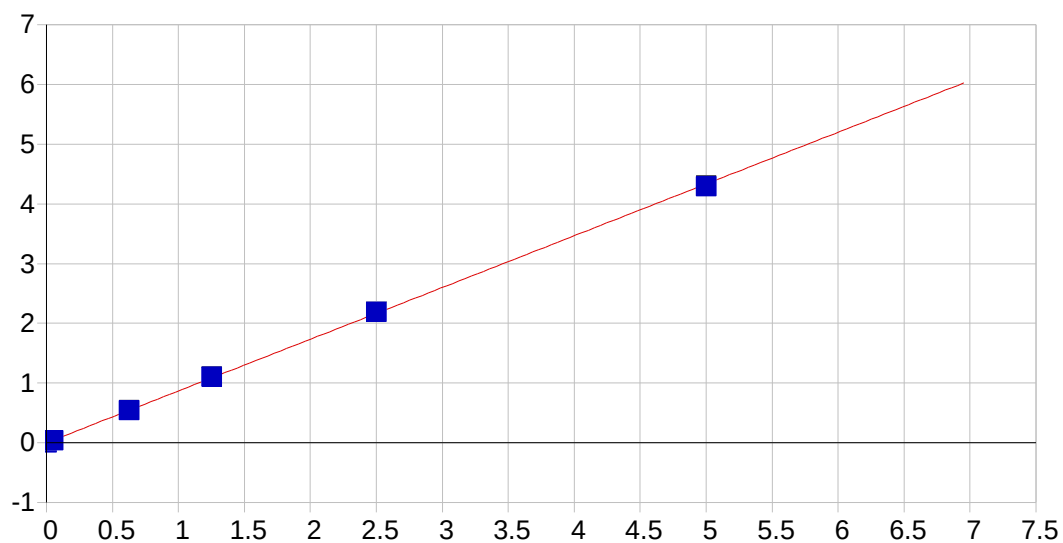


Cr 267.716 {126}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.156889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999415 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.000559
 Predicted MQL: 0.001864

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.01147	.001	14.7	.00177	.000	1
S2	3.8750	4.0820	.207	5.34	.64146	.001	1
S3	7.7500	8.1423	.392	5.06	1.2796	.002	1
S4	15.500	15.852	.352	2.27	2.4912	.003	1
S5	31.000	30.048	-.952	-3.07	4.7227	.015	1

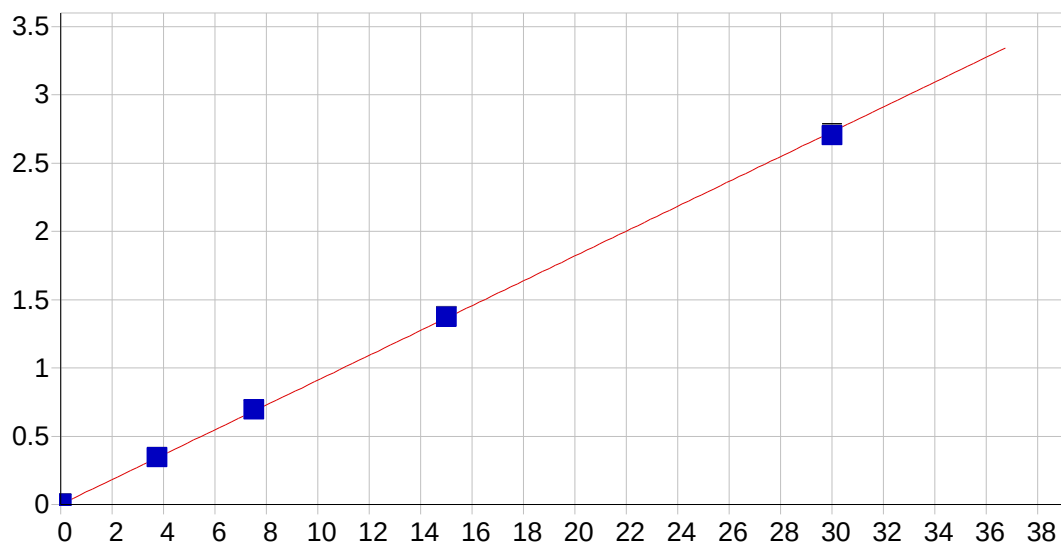


Co 228.616 {448}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.866529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000260
 Predicted MDL: 0.000264
 Predicted MQL: 0.000879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.05000	.04776	-.002	-4.49	.04159	.000	1
S2	.62500	.62556	.001	.090	.54319	.001	1
S3	1.2500	1.2717	.022	1.73	1.1041	.002	1
S4	2.5000	2.5267	.027	1.07	2.1938	.001	1
S5	5.0000	4.9533	-.047	-.934	4.3008	.009	1

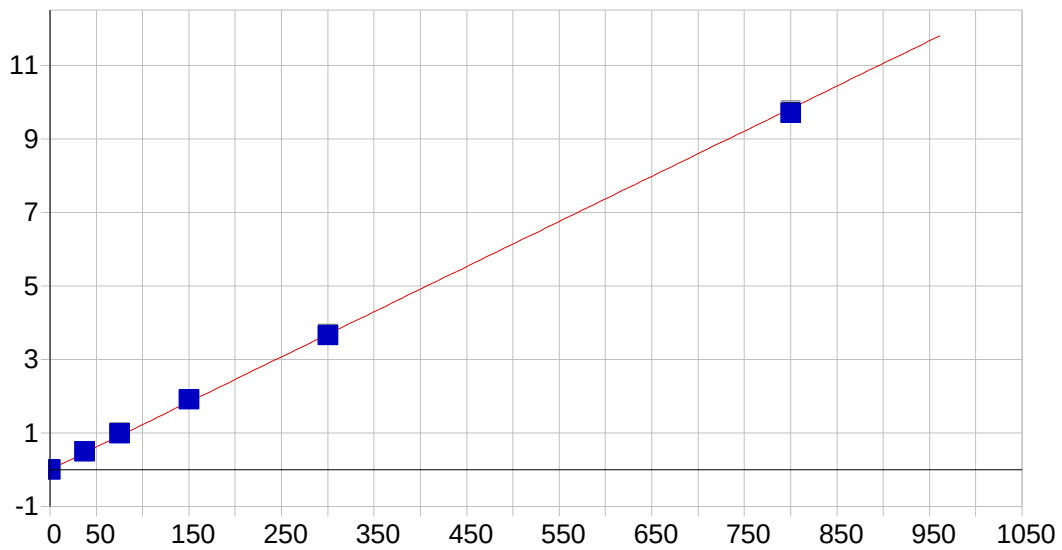


Cu 324.754 {104}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000948 Re-Slope: 1.000000
 A1 (Gain): 0.090964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.005098
 Predicted MQL: 0.016992

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00095	.000	1
S1	.02500	.02636	.001	5.44	.00334	.000	1
S2	3.7500	3.7790	.029	.773	.34449	.002	1
S3	7.5000	7.6237	.124	1.65	.69400	.002	1
S4	15.000	15.111	.111	.738	1.3746	.003	1
S5	30.000	29.735	-.265	-.883	2.7041	.011	1

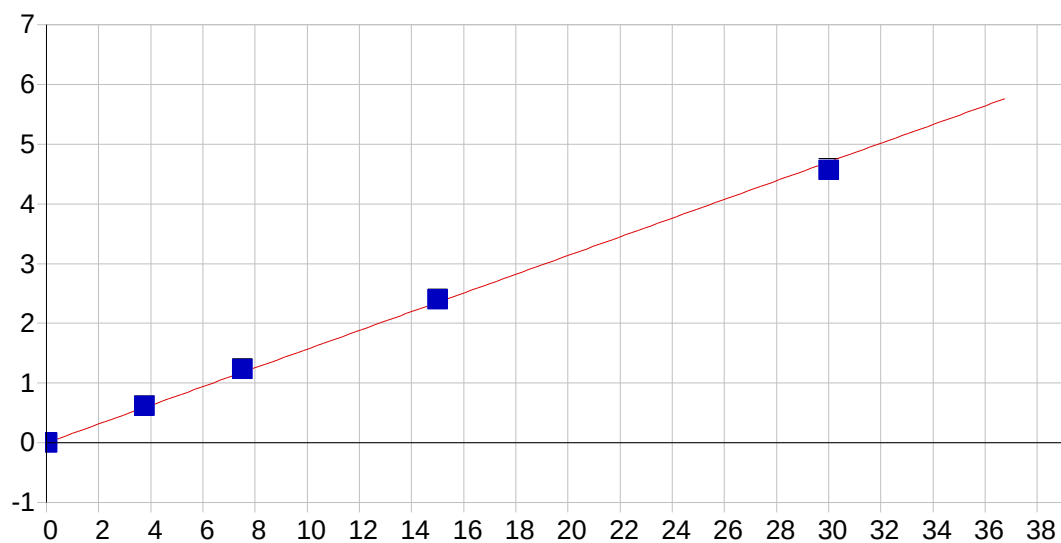


Fe 259.837 {130}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000087 Re-Slope: 1.000000
 A1 (Gain): 0.012275 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.021047
 Predicted MQL: 0.070158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00009	.000	1
S1	.10000	.09047	-.010	-9.53	.00122	.000	1
S2	37.500	40.025	2.52	6.73	.49387	.002	1
S3	75.000	80.107	5.11	6.81	.98834	.004	1
S4	150.00	154.96	4.96	3.31	1.9122	.004	1
S5	300.00	297.33	-2.67	-.890	3.6696	.018	1
S6	800.00	790.08	-9.92	-1.24	9.7431	.015	1

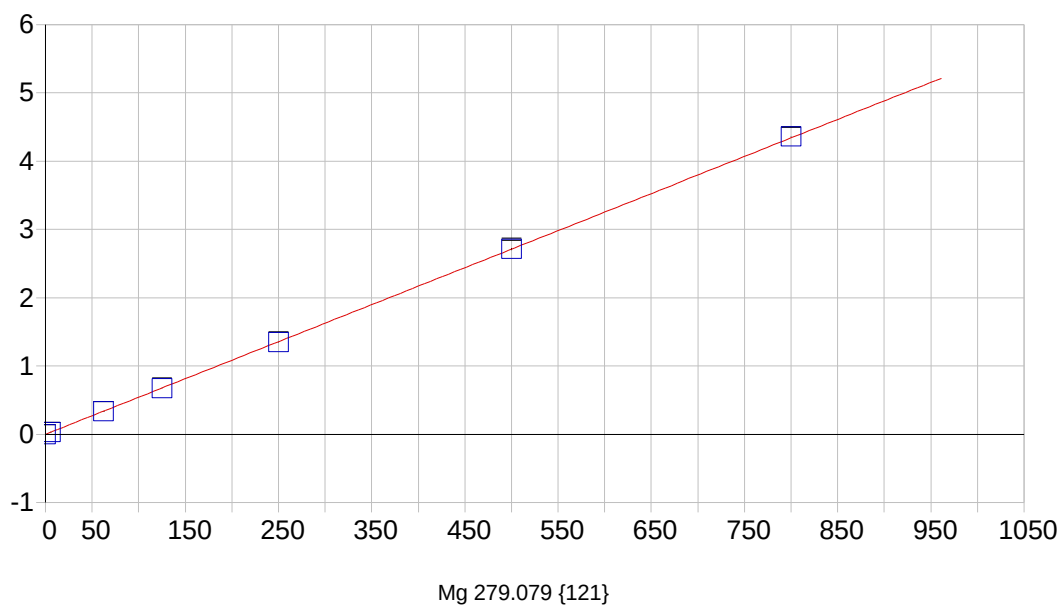


Mn 257.610 {131}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.156704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999465 Status: OK.
 Std Error of Est: 0.000182
 Predicted MDL: 0.001441
 Predicted MQL: 0.004805

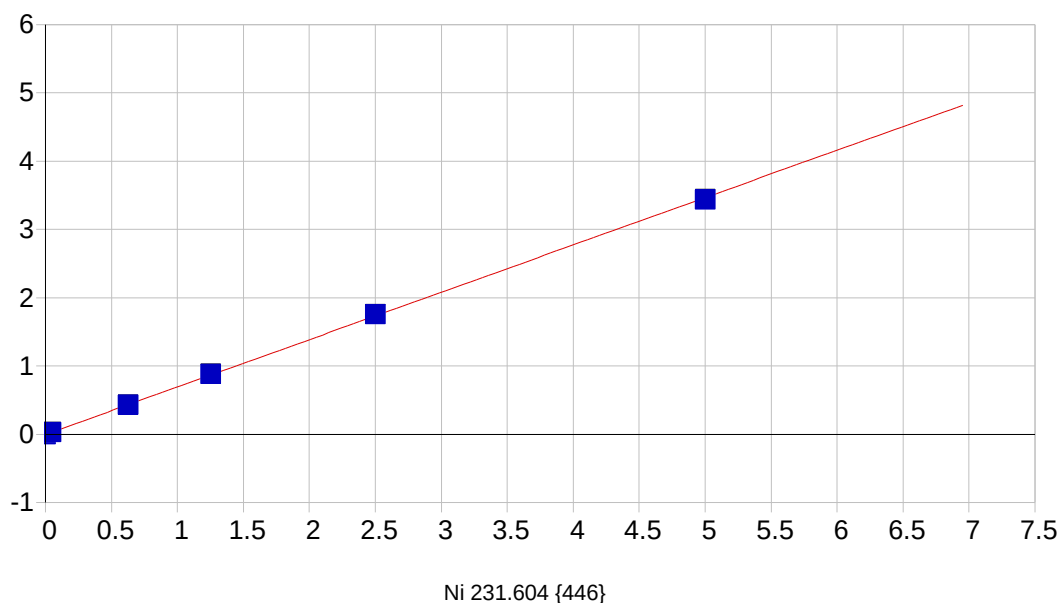
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01500	.01698	.002	13.2	.00265	.000	1
S2	3.7500	3.9473	.197	5.26	.61867	.001	1
S3	7.5000	7.8744	.374	4.99	1.2342	.002	1
S4	15.000	15.295	.295	1.96	2.3972	.006	1
S5	30.000	29.132	-.868	-2.89	4.5661	.026	1



Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000087 Re-Slope: 1.000000
 A1 (Gain): 0.005425 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.057124
 Predicted MQL: 0.190412

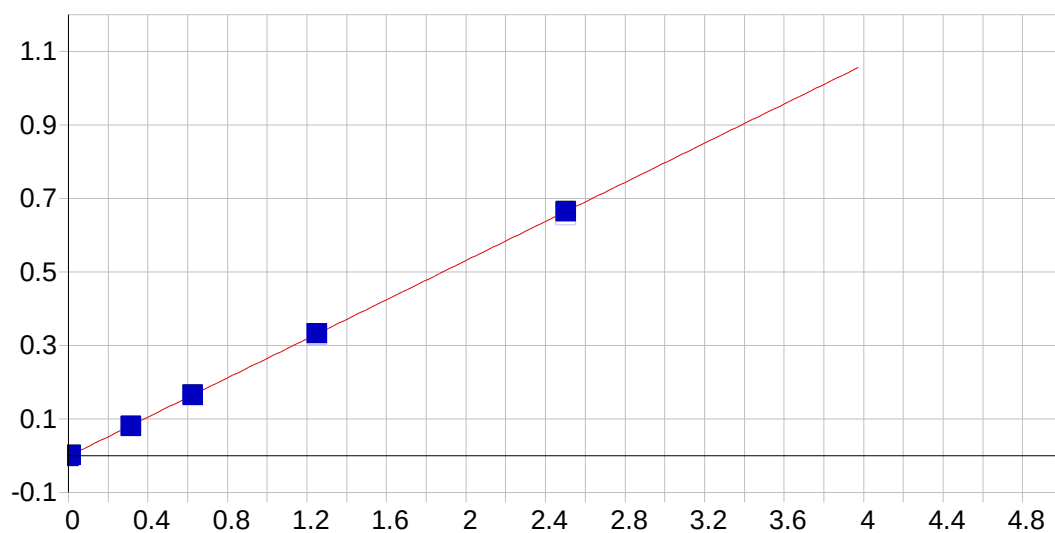
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	-.00009	.000	1
S1	5.0000	4.7602	-.240	-4.80	.02574	.000	1
S2	62.500	61.272	-1.23	-1.96	.33232	.002	1
S3	125.00	124.30	-.702	-.561	.67423	.002	1
S4	250.00	248.89	-1.11	-.442	1.3502	.005	1
S5	500.00	499.84	-.157	-.031	2.7116	.015	1
S6	800.00	803.43	3.43	.429	4.3586	.005	1



Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001928 Re-Slope: 1.000000
 A1 (Gain): 0.693780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.000380
 Predicted MQL: 0.001267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00193	.000	1
S1	.04000	.03932	-.001	-1.71	.02536	.000	1
S2	.62500	.62387	-.001	-.180	.43179	.000	1
S3	1.2500	1.2713	.021	1.70	.88183	.002	1
S4	2.5000	2.5296	.030	1.18	1.7566	.001	1
S5	5.0000	4.9509	-.049	-.981	3.4401	.007	1

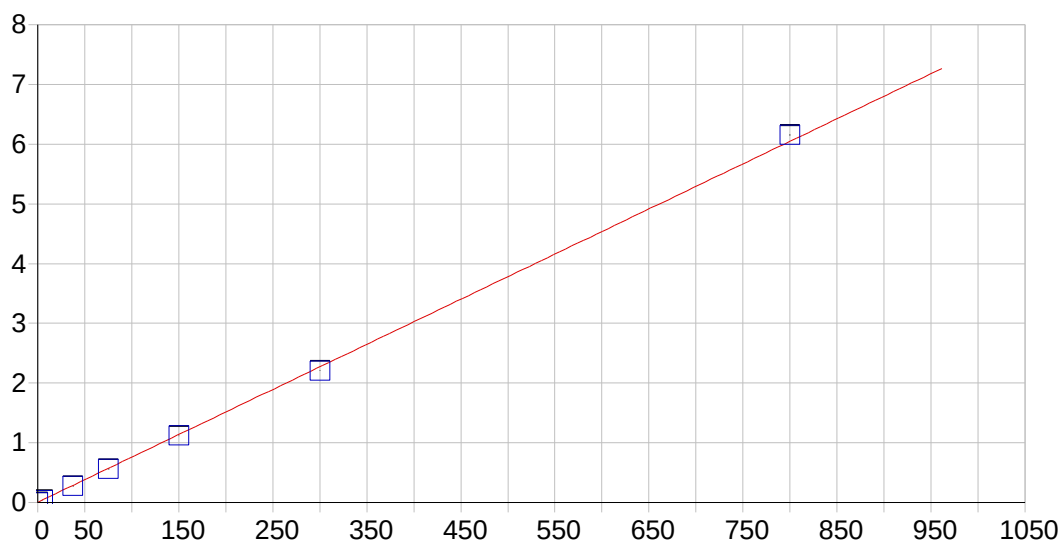


Ag 328.068 {103}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001261 Re-Slope: 1.000000
 A1 (Gain): 0.266142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000481
 Predicted MQL: 0.001602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.000	1
S1	.01000	.00936	-.001	-6.41	.00121	.000	1
S2	.31250	.30579	-.007	-2.15	.07886	.000	1
S3	.62500	.62609	.001	.175	.16284	.001	1
S4	1.2500	1.2562	.006	.497	.32800	.000	1
S5	2.5000	2.5001	.000	.002	.65398	.002	1

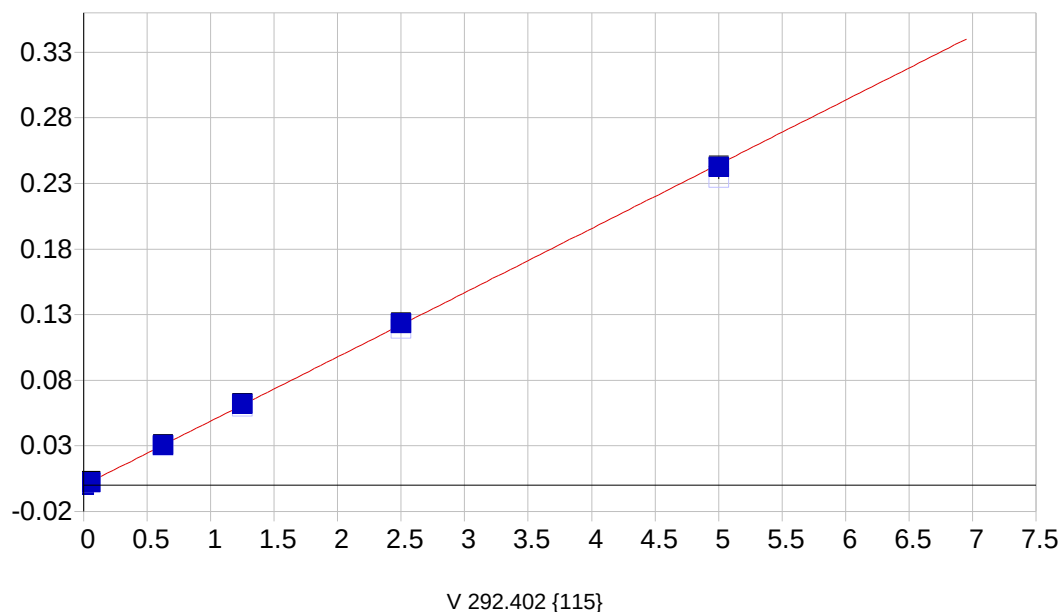


Na 818.326 { 41}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004512 Re-Slope: 1.000000
 A1 (Gain): 0.007553 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000498
 Predicted MDL: 0.300234
 Predicted MQL: 1.000781

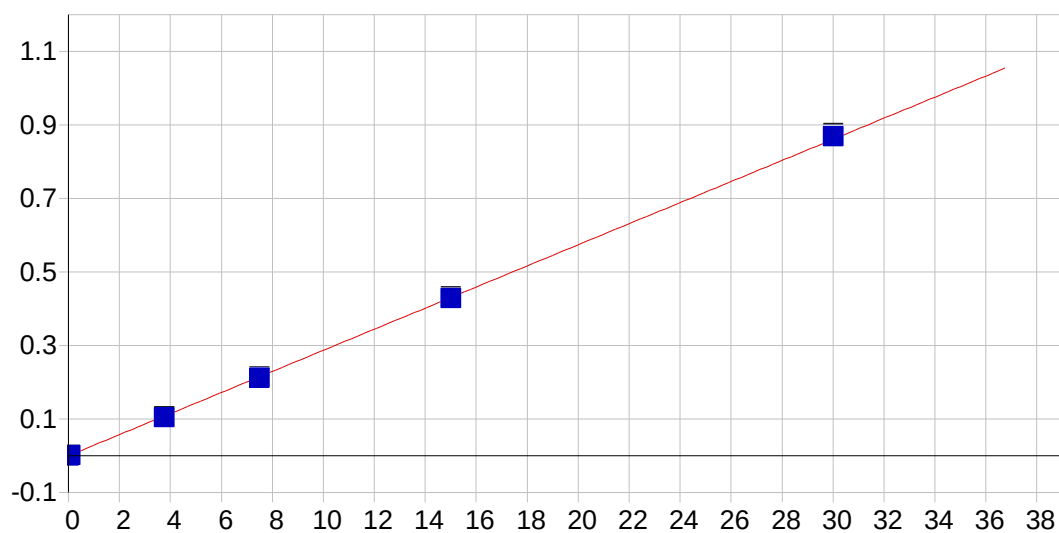
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00073	.001	.000	.00452	.000	1
S1	5.0000	4.6617	-.338	-6.77	.03972	.002	1
S2	37.500	36.364	-1.14	-3.03	.27919	.000	1
S3	75.000	73.544	-1.46	-1.94	.56003	.001	1
S4	150.00	147.40	-2.60	-1.73	1.1179	.002	1
S5	300.00	291.45	-8.55	-2.85	2.2060	.005	1
S6	800.00	814.08	14.1	1.76	6.1536	.005	1



Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.048922 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.007150
 Predicted MQL: 0.023833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.05000	.04879	-.001	-2.43	.00234	.001	1
S2	.62500	.62962	.005	.739	.02975	.000	1
S3	1.2500	1.2692	.019	1.53	.06003	.000	1
S4	2.5000	2.5228	.023	.910	.11934	.000	1
S5	5.0000	4.9547	-.045	-.906	.23428	.001	1

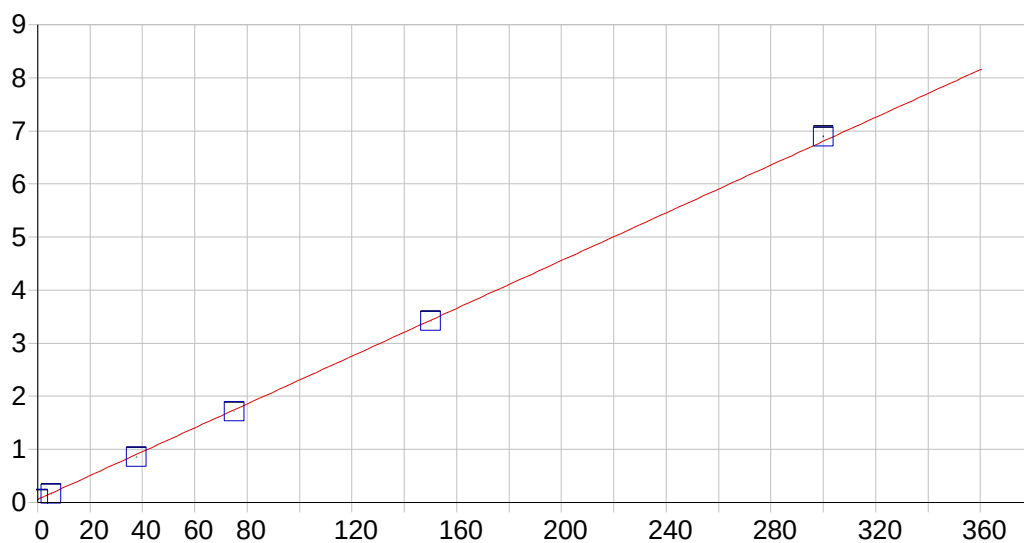


Zn 213.856 {158}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.028703 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.015236
 Predicted MQL: 0.050786

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.001	1
S1	.06000	.05049	-.010	-15.8	.00124	.001	1
S2	3.7500	3.6299	-.120	-3.20	.10448	.002	1
S3	7.5000	7.4014	-.099	-1.31	.21323	.001	1
S4	15.000	14.935	-.065	-.436	.43047	.002	1
S5	30.000	30.294	.294	.979	.87333	.005	1

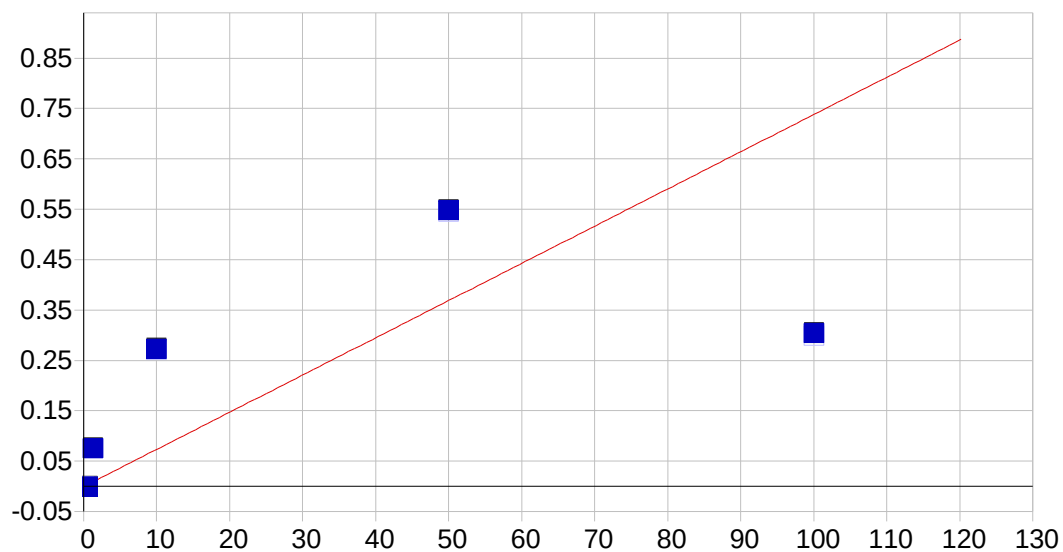


K 769.896 { 44}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.057875 Re-Slope: 1.000000
 A1 (Gain): 0.022490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000845
 Predicted MDL: 0.078093
 Predicted MQL: 0.260310

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00054	.001	.000	.05789	.001	1
S1	5.0000	4.7512	-.249	-4.98	.16473	.002	1
S2	37.500	35.634	-1.87	-4.97	.85929	.003	1
S3	75.000	73.550	-1.45	-1.93	1.7120	.003	1
S4	150.00	149.55	-.453	-.302	3.4211	.002	1
S5	300.00	304.02	4.02	1.34	6.8952	.016	1

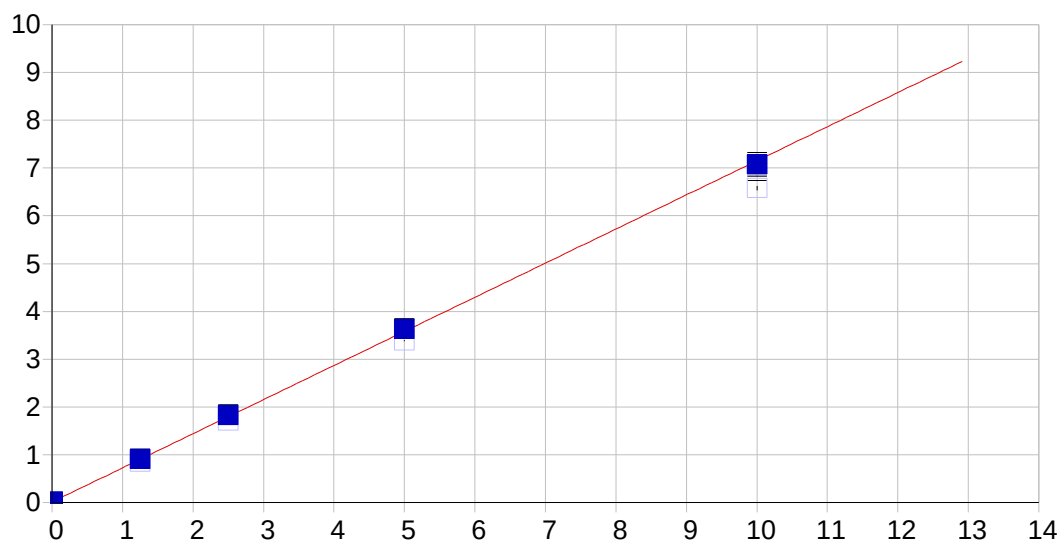


P 177.495 {490}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000637 Re-Slope: 1.000000
 A1 (Gain): 0.007387 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.679108 Status: OK.
 Std Error of Est: 0.002752
 Predicted MDL: 0.012790
 Predicted MQL: 0.042632

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00446	-.004	.000	-.00067	.000	1
S1	.50000	.02490	-.475	-95.0	-.00046	.000	1
S2	1.2500	10.338	9.09	727.	.07495	.000	1
S3	10.000	36.938	26.9	269.	.27069	.002	1
S4	50.000	74.200	24.2	48.4	.54440	.002	1
S5	100.00	41.287	-58.7	-58.7	.29816	.001	1

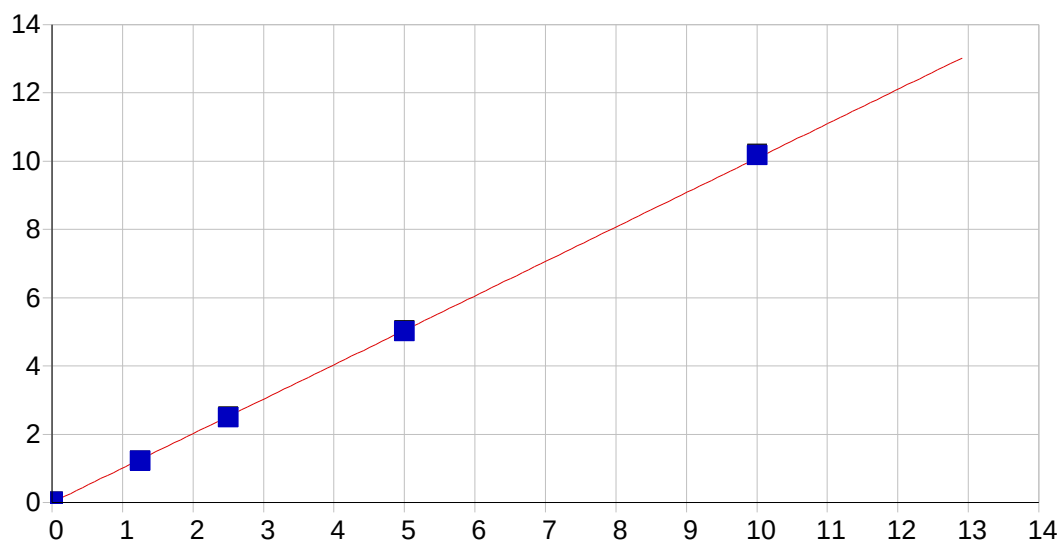


B 249.678 {135}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011342 Re-Slope: 1.000000
 A1 (Gain): 0.713993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.000946
 Predicted MQL: 0.003153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01135	.000	1
S1	.01000	.00353	-.006	-64.7	.01374	.000	1
S2	1.2500	1.2589	.009	.713	.84915	.002	1
S3	2.5000	2.5441	.044	1.76	1.7057	.007	1
S4	5.0000	5.0703	.070	1.41	3.3873	.012	1
S5	10.000	9.8835	-.117	-1.17	6.5796	.051	1

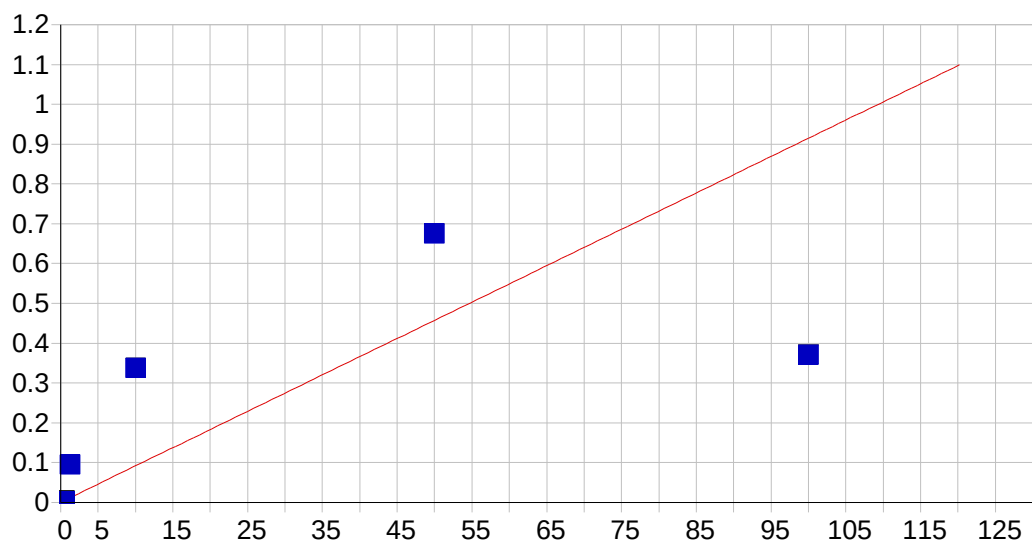


Mo 202.030 {467}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000647 Re-Slope: 1.000000
 A1 (Gain): 1.008741 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000203
 Predicted MDL: 0.000259
 Predicted MQL: 0.000863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.01000	.00963	.000	-3.71	.01036	.000	1
S2	1.2500	1.2080	-.042	-3.36	1.2192	.001	1
S3	2.5000	2.4731	-.027	-1.08	2.4953	.006	1
S4	5.0000	4.9762	-.024	-.476	5.0201	.006	1
S5	10.000	10.093	.093	.930	10.181	.032	1

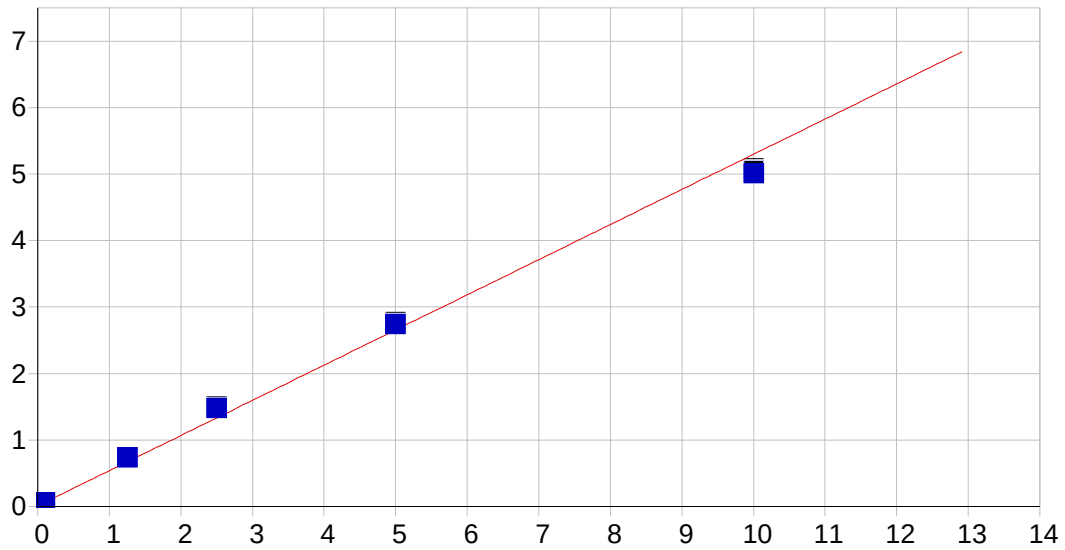


S 182.034 {485}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000510 Re-Slope: 1.000000
 A1 (Gain): 0.009141 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.682513 Status: OK.
 Std Error of Est: 0.003407
 Predicted MDL: 0.014033
 Predicted MQL: 0.046777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00475	-.005	.000	.00047	.000	1
S1	.50000	.31512	-.185	-37.0	.00339	.000	1
S2	1.2500	10.387	9.14	731.	.09546	.000	1
S3	10.000	36.812	26.8	268.	.33702	.001	1
S4	50.000	73.746	23.7	47.5	.67465	.001	1
S5	100.00	40.486	-59.5	-59.5	.37063	.001	1

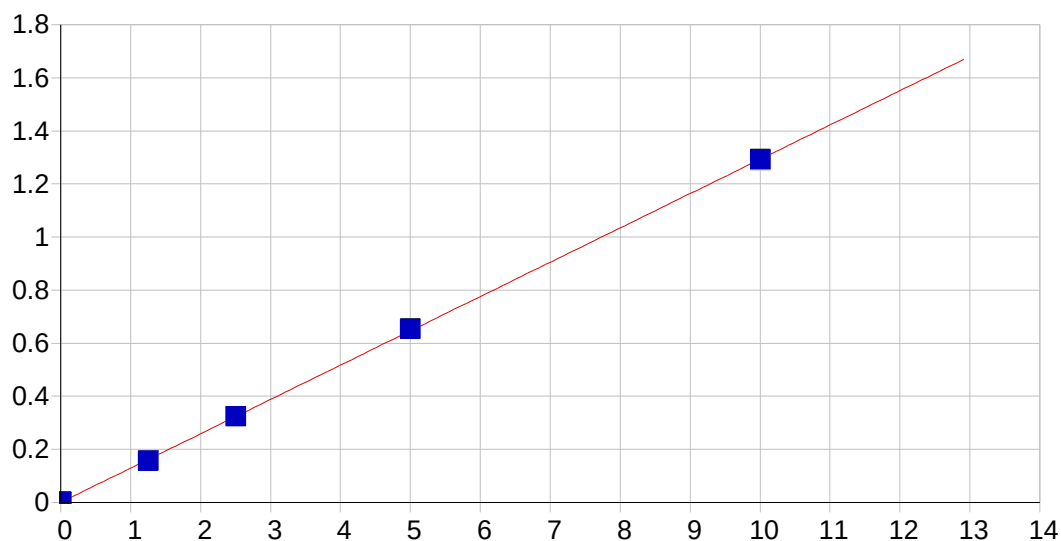


Si 251.611 {134}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010433 Re-Slope: 1.000000
 A1 (Gain): 0.528801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998007 Status: OK.
 Std Error of Est: 0.001791
 Predicted MDL: 0.001129
 Predicted MQL: 0.003763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01043	.001	1
S1	.10000	.09394	-.006	-6.06	.06029	.001	1
S2	1.2500	1.3622	.112	8.98	.73619	.002	1
S3	2.5000	2.7805	.281	11.2	1.4916	.007	1
S4	5.0000	5.1581	.158	3.16	2.7597	.012	1
S5	10.000	9.4553	-.545	-5.45	5.0537	.030	1

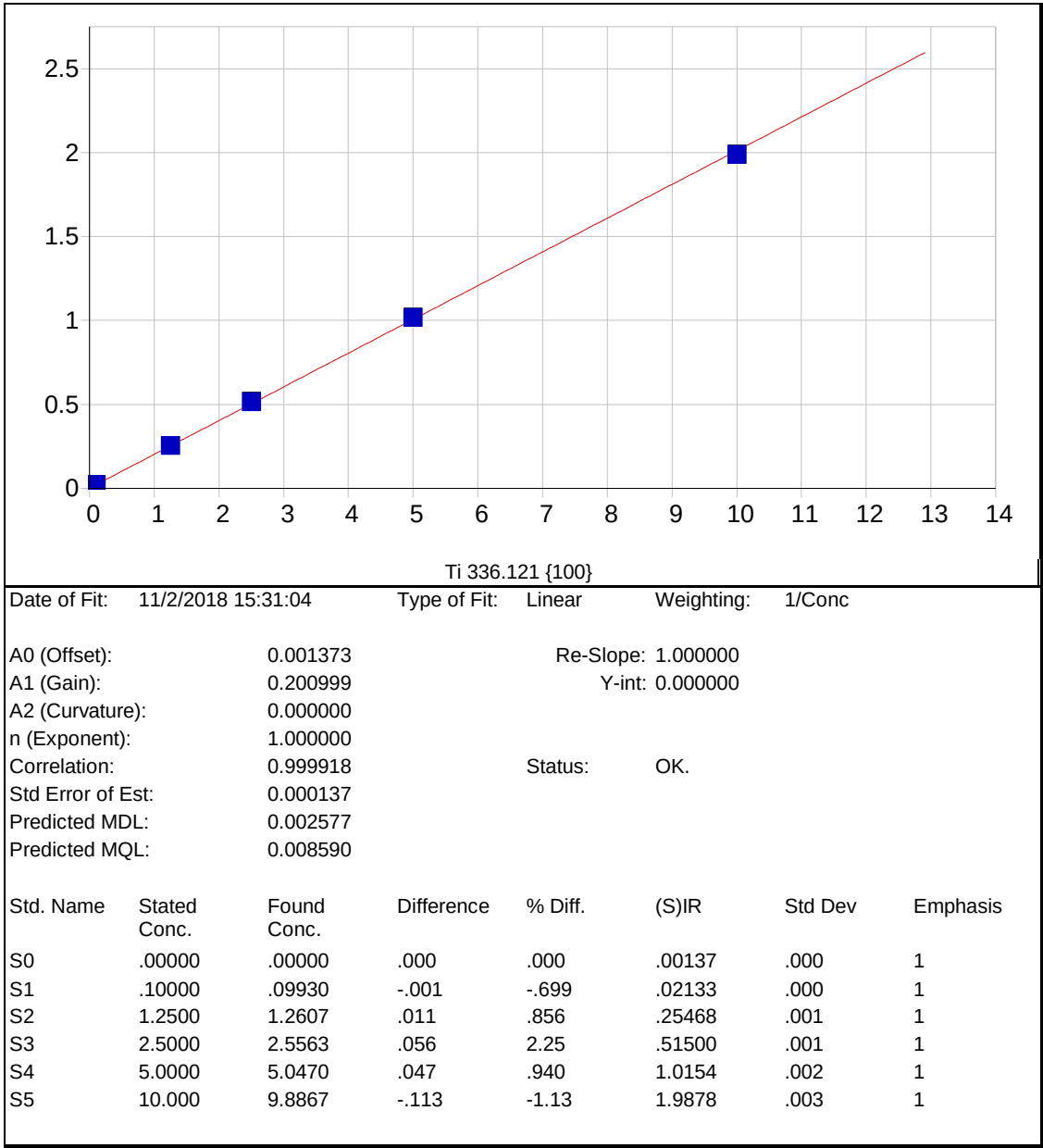


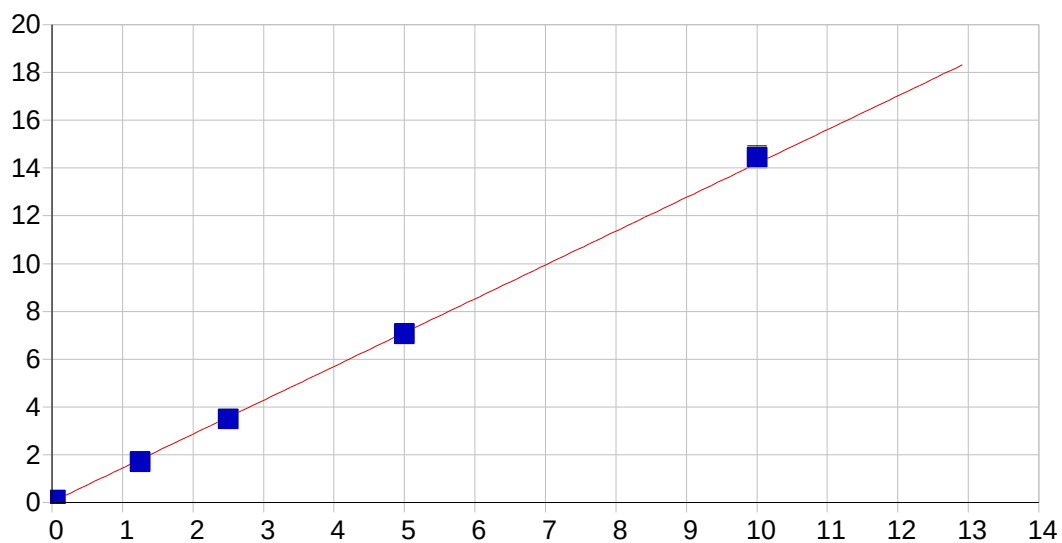
Sn 189.989 {478}

Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000468 Re-Slope: 1.000000
 A1 (Gain): 0.129249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000982
 Predicted MQL: 0.003272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.00700	.00452	-.002	-35.5	.00102	.000	1
S2	1.2500	1.2140	-.036	-2.88	.15702	.000	1
S3	2.5000	2.5027	.003	.106	.32322	.001	1
S4	5.0000	5.0527	.053	1.05	.65209	.001	1
S5	10.000	9.9830	-.017	-.170	1.2879	.002	1



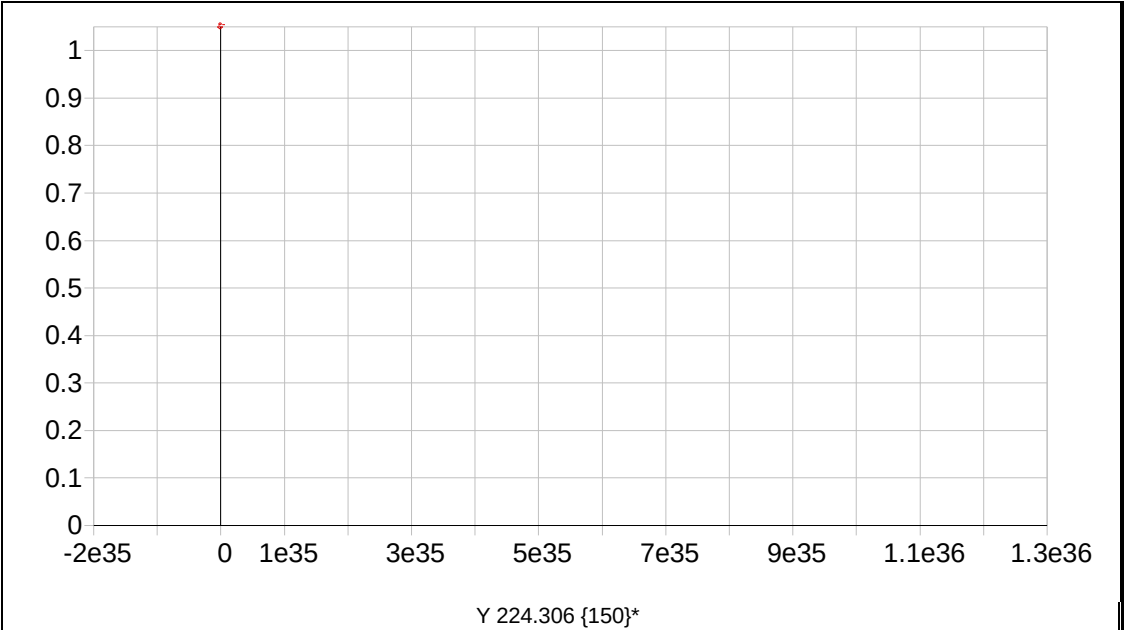


Li 670.784 { 50}

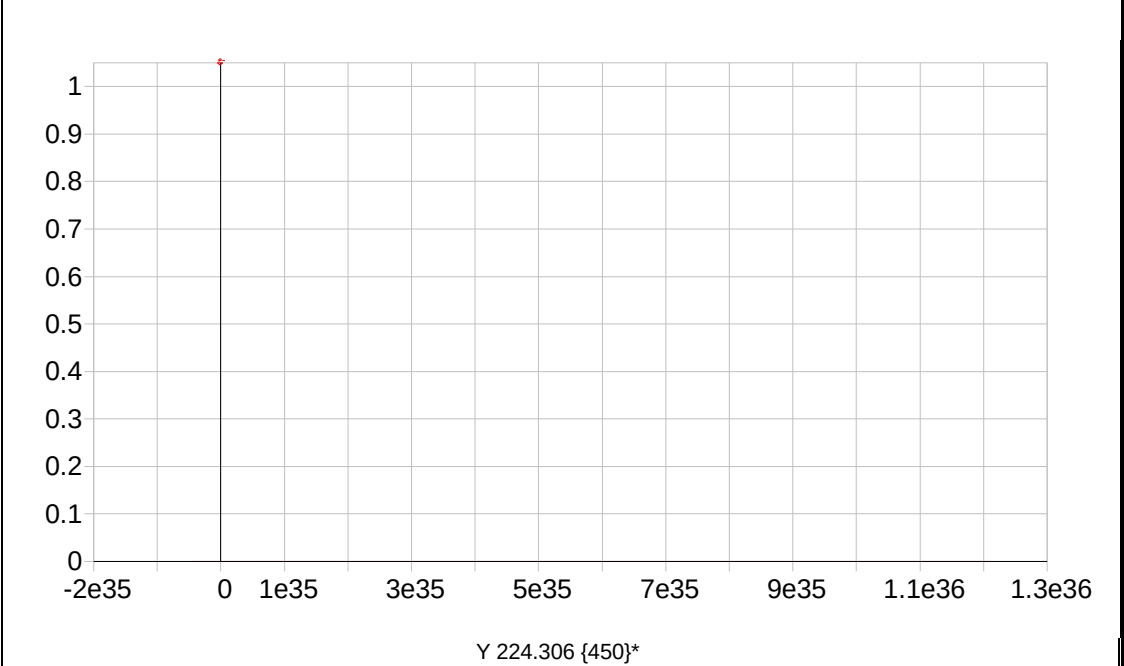
Date of Fit: 11/2/2018 15:31:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.030392 Re-Slope: 1.000000
 A1 (Gain): 1.415829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999695 Status: OK.
 Std Error of Est: 0.001305
 Predicted MDL: 0.001634
 Predicted MQL: 0.005446

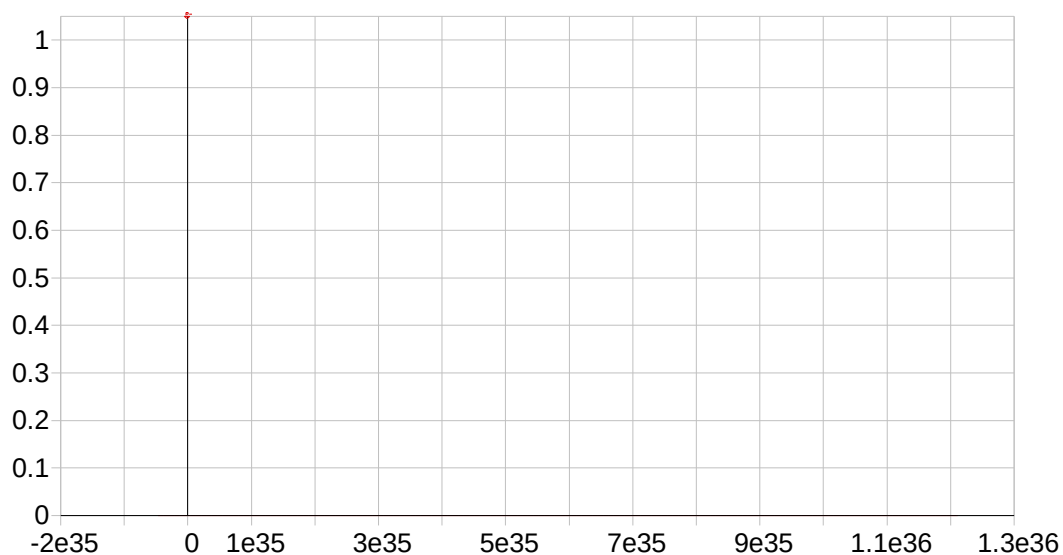
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03041	.002	1
S5	10.000	10.184	.184	1.84	14.369	.053	1
S4	5.0000	4.9633	-.037	-.735	7.0177	.005	1
S3	2.5000	2.4357	-.064	-2.57	3.4590	.005	1
S2	1.2500	1.1764	-.074	-5.89	1.6860	.004	1
S1	.05000	.04080	-.009	-18.4	.08801	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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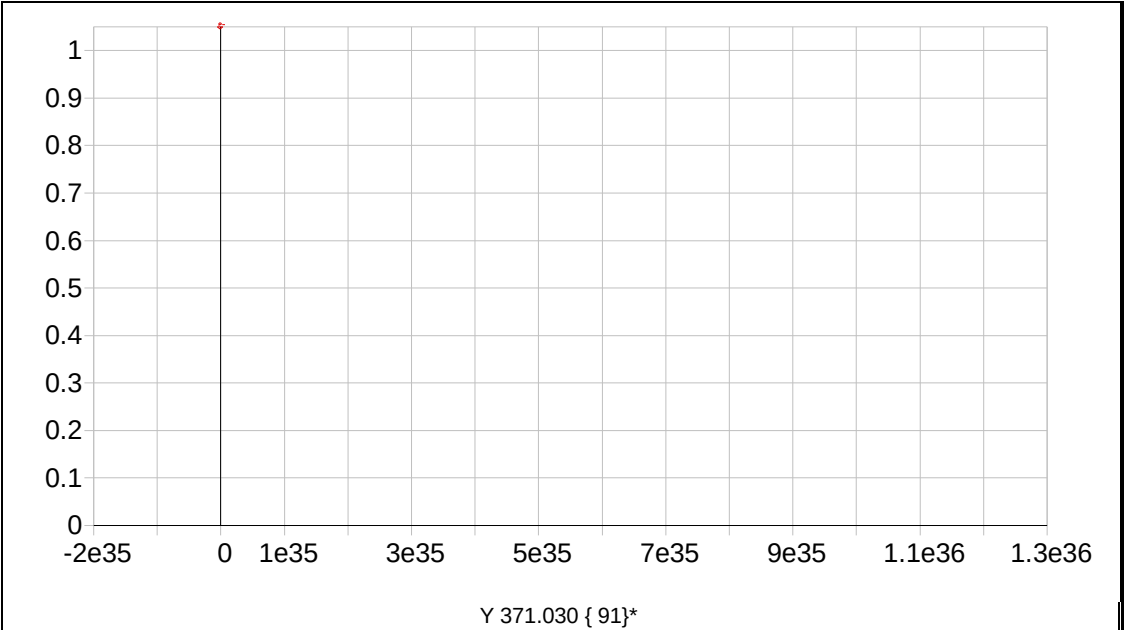


Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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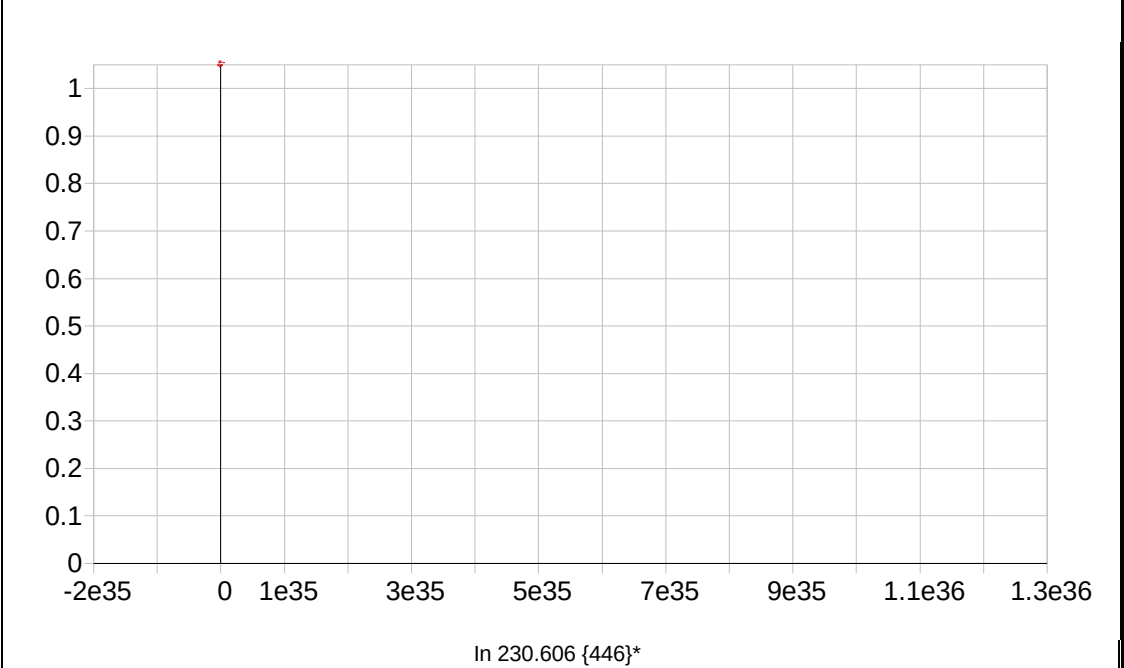
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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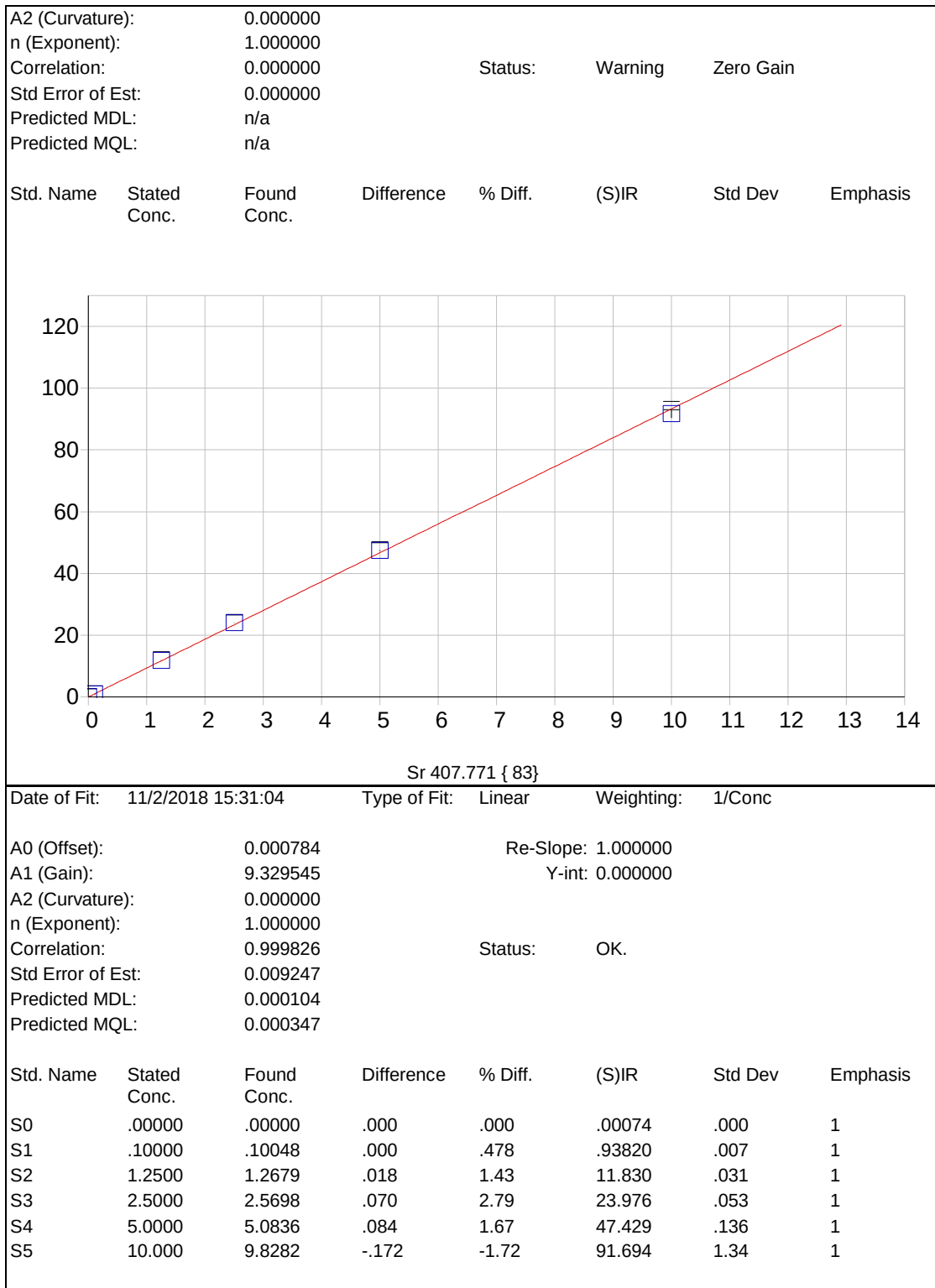


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 11/2/2018 14:05:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	-.00037	-.00067	-.00054	.00044	.00095	.00306	.00220	-.00180
Stddev	.00007	.00007	.00042	.00018	.00011	.00046	.00136	.00060
%RSD	18.273	10.278	79.067	40.379	11.943	15.074	61.720	33.472

#1	-.00044	-.00073	-.00103	.00031	.00082	.00287	.00308	-.00215
#2	-.00037	-.00069	-.00032	.00065	.00103	.00272	.00289	-.00214
#3	-.00031	-.00059	-.00026	.00037	.00101	.00358	.00064	-.00110

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	.00056	.00179	-.00004	.00005	.00095	.00009	-.00001	-.00009
Stddev	.00038	.00098	.00003	.00005	.00036	.00017	.00024	.00025
%RSD	67.982	54.685	95.551	109.18	37.599	194.25	1687.0	296.10

#1	.00024	.00191	-.00003	.00000	.00062	-.00001	.00026	-.00019
#2	.00046	.00076	.00000	.00004	.00133	-.00001	-.00010	.00020
#3	.00099	.00272	-.00007	.00010	.00089	.00028	-.00020	-.00027

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	-.00193	-.00126	.00452	-.00004	-.00022	.05789	-.00067	.01135
Stddev	.00024	.00008	.00040	.00035	.00063	.00125	.00003	.00046
%RSD	12.412	6.6211	8.8221	836.30	290.63	2.1521	5.0327	4.0680

#1	-.00200	-.00118	.00481	.00026	-.00086	.05684	-.00069	.01125
#2	-.00166	-.00125	.00406	-.00042	-.00019	.05755	-.00069	.01185
#3	-.00212	-.00135	.00468	.00003	.00040	.05927	-.00063	.01094

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	.00065	.00047	.01043	.00047	.00137	.03041	.00074	
Stddev	.00015	.00007	.00065	.00007	.00041	.00238	.00039	
%RSD	22.808	15.122	6.2087	15.289	29.610	7.8271	52.301	

#1	.00081	.00039	.01015	.00047	.00154	.03316	.00086	
#2	.00060	.00048	.01117	.00039	.00091	.02903	.00031	
#3	.00053	.00053	.00996	.00054	.00167	.02904	.00105	

Sample Name: S0 Acquired: 11/2/2018 14:05:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	1917.9	2424.9	43691.	4741.5	3519.2
Stddev	4.8	.7	140.	15.8	10.0
%RSD	.25129	.02856	.32082	.33372	.28334
#1	1916.8	2424.3	43564.	4723.6	3528.7
#2	1913.7	2424.7	43841.	4747.3	3520.0
#3	1923.2	2425.6	43667.	4753.7	3508.8

Sample Name: S1 Acquired: 11/2/2018 14:09:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	.00075	.00103	.00383	.01291	.01664	.79476	.04587
Stddev	.00012	.00010	.00021	.00007	.00014	.00099	.00108	.00026
%RSD	179.89	12.723	19.909	1.7220	1.0955	5.9440	.13635	.56662

#1	-.00009	.00067	.00083	.00380	.01307	.01550	.79526	.04595
#2	-.00017	.00073	.00124	.00378	.01279	.01719	.79352	.04558
#3	.00006	.00086	.00103	.00390	.01289	.01725	.79551	.04609

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	.01549	.18445	.00177	.04159	.00334	.00122	.00265	.02574
Stddev	.00017	.00151	.00006	.00020	.00018	.00033	.00020	.00003
%RSD	1.0867	.81628	3.2533	.49172	5.3897	27.182	7.4965	.12127

#1	.01533	.18576	.00183	.04139	.00352	.00152	.00255	.02572
#2	.01549	.18478	.00175	.04157	.00316	.00129	.00288	.02572
#3	.01566	.18280	.00172	.04180	.00334	.00086	.00251	.02577

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	.02536	.00121	.03972	.00234	.00124	.16473	-.00046	.01374
Stddev	.00020	.00022	.00191	.00062	.00062	.00188	.00004	.00048
%RSD	.79324	18.565	4.8009	26.506	50.102	1.1389	9.5258	3.5148

#1	.02559	.00096	.04190	.00282	.00195	.16561	-.00050	.01414
#2	.02520	.00138	.03835	.00164	.00096	.16600	-.00041	.01389
#3	.02530	.00130	.03892	.00256	.00081	.16257	-.00047	.01320

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	.01036	.00339	.06029	.00102	.02133	.08801	.93820	
Stddev	.00009	.00014	.00052	.00007	.00032	.00226	.00732	
%RSD	.88961	4.0150	.85837	6.4751	1.5164	2.5680	.78056	

#1	.01031	.00353	.05977	.00094	.02164	.08541	.94467	
#2	.01030	.00326	.06031	.00107	.02100	.08949	.93969	
#3	.01046	.00338	.06080	.00103	.02134	.08914	.93025	

Sample Name: S1 Acquired: 11/2/2018 14:09:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	1840.9	2343.2	41897.	4570.7	3376.2
Stddev	18.0	10.4	245.	18.8	7.2
%RSD	.97743	.44549	.58461	.41201	.21289
#1	1830.4	2332.0	41678.	4552.0	3368.4
#2	1830.7	2344.9	41852.	4570.4	3377.9
#3	1861.7	2352.7	42162.	4589.7	3382.5

Sample Name: S2 Acquired: 11/2/2018 14:13:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	.05222	.07564	1.0750	.13212	.26745	2.6700	10.003	1.2409
Stddev	.00019	.00034	.0015	.00040	.00056	.0058	.022	.0019
%RSD	.36646	.45182	.14290	.30640	.20811	.21586	.22028	.14960

#1	.05211	.07543	1.0740	.13185	.26681	2.6660	9.9787	1.2391
#2	.05212	.07546	1.0742	.13193	.26785	2.6674	10.022	1.2408
#3	.05244	.07603	1.0768	.13259	.26768	2.6766	10.008	1.2428

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	1.9232	2.2563	.64146	.54319	.34449	.49387	.61867	.33232
Stddev	.0056	.0111	.00105	.00127	.00184	.00178	.00104	.00171
%RSD	.28970	.49327	.16364	.23433	.53273	.36117	.16878	.51430

#1	1.9201	2.2434	.64025	.54235	.34346	.49185	.61758	.33066
#2	1.9199	2.2626	.64212	.54256	.34340	.49451	.61966	.33407
#3	1.9297	2.2628	.64202	.54465	.34661	.49524	.61878	.33222

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	.43179	.07886	.27919	.02975	.10448	.85929	.07495	.84915
Stddev	.00022	.00012	.00044	.00015	.00219	.00322	.00037	.00247
%RSD	.05095	.15813	.15875	.49281	2.0936	.37421	.49853	.29132

#1	.43157	.07900	.27930	.02992	.10580	.85558	.07466	.84636
#2	.43200	.07877	.27957	.02970	.10195	.86093	.07483	.84998
#3	.43181	.07880	.27870	.02964	.10567	.86135	.07538	.85109

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	1.2192	.09546	.73619	.15702	.25468	1.6860	11.830	
Stddev	.0012	.00020	.00180	.00031	.00057	.0041	.031	
%RSD	.09951	.21350	.24431	.19658	.22229	.24305	.25954	

#1	1.2178	.09523	.73456	.15697	.25403	1.6815	11.797	
#2	1.2194	.09563	.73590	.15674	.25502	1.6895	11.834	
#3	1.2202	.09552	.73812	.15735	.25499	1.6871	11.858	

Sample Name: S2 Acquired: 11/2/2018 14:13:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	1830.7	2314.4	42773.	4732.8	3262.2
Stddev	8.2	1.9	89.	15.7	5.4
%RSD	.45040	.08067	.20761	.33249	.16497
#1	1827.7	2316.0	42723.	4747.6	3262.5
#2	1824.3	2314.9	42721.	4716.3	3267.4
#3	1840.0	2312.4	42876.	4734.4	3256.6

Sample Name: S3 Acquired: 11/2/2018 14:17:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	.10793	.15369	2.1991	.26605	.54809	5.4513	20.510	2.4793
Stddev	.00053	.00018	.0029	.00108	.00128	.0134	.104	.0084
%RSD	.48669	.11959	.13372	.40723	.23411	.24560	.50829	.34056

#1	.10769	.15386	2.1984	.26524	.54819	5.4448	20.629	2.4696
#2	.10757	.15350	2.1965	.26563	.54677	5.4668	20.439	2.4852
#3	.10853	.15373	2.2023	.26728	.54933	5.4425	20.461	2.4830

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	3.8510	4.5158	1.2796	1.1041	.69400	.98834	1.2342	.67423
Stddev	.0072	.0105	.0017	.0020	.00209	.00368	.0024	.00172
%RSD	.18749	.23189	.13524	.17901	.30089	.37270	.19065	.25455

#1	3.8496	4.5278	1.2777	1.1063	.69641	.99249	1.2342	.67512
#2	3.8446	4.5082	1.2811	1.1025	.69279	.98544	1.2318	.67226
#3	3.8588	4.5114	1.2799	1.1036	.69280	.98710	1.2365	.67533

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	.88183	.16284	.56003	.06003	.21323	1.7120	.27069	1.7057
Stddev	.00205	.00079	.00107	.00018	.00139	.0032	.00194	.0066
%RSD	.23289	.48626	.19028	.30001	.65150	.18941	.71628	.38738

#1	.88277	.16196	.56123	.05996	.21163	1.7093	.26903	1.6995
#2	.87948	.16305	.55964	.05990	.21396	1.7156	.27020	1.7126
#3	.88325	.16350	.55921	.06024	.21411	1.7111	.27282	1.7050

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	2.4953	.33702	1.4916	.32322	.51500	3.4590	23.976	
Stddev	.0063	.00116	.0071	.00069	.00104	.0052	.053	
%RSD	.25384	.34375	.47505	.21337	.20169	.15058	.21917	

#1	2.4975	.33661	1.4836	.32343	.51382	3.4650	24.035	
#2	2.4881	.33613	1.4971	.32245	.51574	3.4564	23.934	
#3	2.5002	.33833	1.4941	.32378	.51545	3.4557	23.959	

Sample Name: S3 Acquired: 11/2/2018 14:17:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	1777.9	2209.1	42479.	4692.7	3095.8
Stddev	3.7	2.0	38.	21.2	2.6
%RSD	.20704	.08864	.08885	.45125	.08442
#1	1780.5	2209.2	42519.	4696.4	3095.5
#2	1779.5	2211.0	42444.	4669.9	3098.6
#3	1773.7	2207.1	42475.	4711.7	3093.4

Sample Name: S4 Acquired: 11/2/2018 14:21:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	.21736	.30164	4.4270	.51153	1.1023	11.135	40.556	4.7961
Stddev	.00033	.00035	.0013	.00096	.0016	.009	.024	.0176
%RSD	.15064	.11741	.02951	.18754	.14865	.07996	.05807	.36606

#1	.21740	.30204	4.4255	.51080	1.1011	11.126	40.559	4.7758
#2	.21766	.30138	4.4278	.51261	1.1016	11.135	40.578	4.8054
#3	.21701	.30149	4.4278	.51117	1.1041	11.144	40.531	4.8070

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	7.5789	8.8163	2.4912	2.1938	1.3746	1.9122	2.3972	1.3502
Stddev	.0065	.0109	.0034	.0014	.0026	.0039	.0059	.0048
%RSD	.08564	.12398	.13532	.06197	.18671	.20113	.24561	.35443

#1	7.5804	8.8195	2.4950	2.1945	1.3774	1.9095	2.3974	1.3488
#2	7.5717	8.8253	2.4887	2.1922	1.3741	1.9166	2.4030	1.3555
#3	7.5844	8.8041	2.4899	2.1947	1.3724	1.9104	2.3913	1.3462

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	1.7566	.32800	1.1179	.11934	.43047	3.4211	.54440	3.3873
Stddev	.0014	.00015	.0022	.00048	.00220	.0022	.00174	.0122
%RSD	.07939	.04494	.20153	.40488	.51084	.06452	.32038	.35935

#1	1.7552	.32814	1.1155	.11981	.43006	3.4188	.54239	3.3735
#2	1.7580	.32785	1.1200	.11938	.43284	3.4216	.54550	3.3964
#3	1.7566	.32802	1.1183	.11884	.42850	3.4231	.54531	3.3920

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	5.0201	.67465	2.7597	.65209	1.0154	7.0177	47.429	
Stddev	.0058	.00060	.0123	.00146	.0023	.0047	.136	
%RSD	.11499	.08844	.44483	.22319	.22469	.06682	.28653	

#1	5.0219	.67533	2.7457	.65165	1.0172	7.0211	47.494	
#2	5.0137	.67437	2.7651	.65091	1.0163	7.0198	47.519	
#3	5.0248	.67424	2.7684	.65372	1.0129	7.0124	47.272	

Sample Name: S4 Acquired: 11/2/2018 14:21:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	1709.5	2074.4	42055.	4635.2	2891.1
Stddev	9.9	2.5	123.	5.7	5.3
%RSD	.58027	.12036	.29150	.12221	.18362
#1	1718.7	2074.8	41921.	4641.2	2893.9
#2	1710.8	2071.7	42161.	4634.5	2885.0
#3	1699.0	2076.6	42085.	4629.9	2894.4

Sample Name: S5 Acquired: 11/2/2018 14:24:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	.44450	.57380	8.7855	.99548	2.2680	22.477	78.500	9.1922
Stddev	.00106	.00112	.0165	.00488	.0059	.055	.687	.0425
%RSD	.23871	.19521	.18817	.48993	.25775	.24288	.87563	.46227

#1	.44340	.57307	8.7756	.99248	2.2626	22.472	79.109	9.2128
#2	.44459	.57323	8.7763	.99286	2.2673	22.425	77.755	9.1433
#3	.44552	.57509	8.8046	1.0011	2.2742	22.534	78.635	9.2204

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	14.546	17.172	4.7227	4.3008	2.7041	3.6696	4.5661	2.7116
Stddev	.034	.085	.0153	.0094	.0111	.0184	.0260	.0150
%RSD	.23647	.49443	.32467	.21933	.41084	.50024	.57011	.55201

#1	14.531	17.195	4.7367	4.2951	2.7149	3.6819	4.5847	2.7195
#2	14.522	17.078	4.7251	4.2956	2.6927	3.6485	4.5364	2.6943
#3	14.586	17.243	4.7063	4.3117	2.7045	3.6784	4.5774	2.7210

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	3.4401	.65398	2.2060	.23428	.87333	6.8952	.29816	6.5796
Stddev	.0067	.00186	.0050	.00097	.00482	.0164	.00099	.0507
%RSD	.19353	.28474	.22426	.41280	.55134	.23714	.33298	.77006

#1	3.4370	.65610	2.2045	.23319	.87884	6.8983	.29705	6.5779
#2	3.4355	.65262	2.2019	.23504	.87128	6.8775	.29848	6.5299
#3	3.4477	.65321	2.2115	.23462	.86989	6.9097	.29896	6.6311

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	10.181	.37063	5.0537	1.2879	1.9878	14.369	91.694	
Stddev	.032	.00132	.0298	.0022	.0035	.053	1.336	
%RSD	.31858	.35662	.58910	.17213	.17524	.37041	1.4569	

#1	10.153	.36918	5.0479	1.2861	1.9900	14.387	91.466	
#2	10.175	.37093	5.0273	1.2872	1.9838	14.310	90.486	
#3	10.217	.37177	5.0860	1.2904	1.9897	14.411	93.128	

Sample Name: S5 Acquired: 11/2/2018 14:24:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	1600.9	1874.8	41527.	4547.3	2667.0
Stddev	4.6	3.0	205.	18.8	2.4
%RSD	.28692	.16207	.49444	.41400	.08940
#1	1597.3	1877.5	41298.	4541.2	2667.0
#2	1606.1	1875.5	41588.	4568.4	2669.4
#3	1599.3	1871.5	41695.	4532.3	2664.6

Sample Name: S6 Acquired: 11/2/2018 14:29:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	61.308	27.950	9.7431	4.3586	6.1536
Stddev	.022	.058	.0153	.0048	.0048
%RSD	.03603	.20587	.15732	.10972	.07866

#1	61.327	27.967	9.7435	4.3539	6.1591
#2	61.314	27.996	9.7582	4.3634	6.1521
#3	61.284	27.885	9.7275	4.3583	6.1497

Int. Std.	Y_3710
Units	Cts/S
Avg	4444.9
Stddev	10.2
%RSD	.22947

#1	4439.6
#2	4456.7
#3	4438.5

Sample Name: ICV Acquired: 11/2/2018 14:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	.9770696	1.049628	.9583767	1.034973	.9849554	2.393516
Stddev	.0138078	.002751	.0009764	.004498	.0048000	.009885
%RSD	1.413189	.2621011	.1018798	.4346266	.4873330	.4129971

#1	.9654772	1.051904	.9589438	1.035160	.9873085	2.382610
#2	.9733859	1.050408	.9589370	1.030384	.9794329	2.401886
#3	.9923457	1.046571	.9572492	1.039375	.9881247	2.396051

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187331	.4821935	.5072680	10.40911	F .5457399	.4983347
Stddev	.0008649	.0029494	.0008863	.04504	.0016455	.0014270
%RSD	.1667434	.6116549	.1747163	.4326982	.3015246	.2863437

#1	.5177356	.4855590	.5082662	10.35914	.5454288	.4983959
#2	.5192751	.4809619	.5065736	10.44657	.5475187	.4997301
#3	.5191886	.4800596	.5069643	10.42162	.5442720	.4968782

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5380052	5.495092	.5245021	5.686424	.5179581	.4632817
Stddev	.0025857	.013492	.0017366	.015179	.0011933	.0010704
%RSD	.4806093	.2455344	.3310869	.2669338	.2303861	.2310422

#1	.5375052	5.500738	.5240221	5.695080	.5192872	.4644741
#2	.5408044	5.479693	.5264282	5.695295	.5176086	.4629675
#3	.5357061	5.504843	.5230560	5.668898	.5169786	.4624037

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35691	.5454403	1.027353	9.612945	F 21.70313	F 2.576048
Stddev	.08270	.0032497	.016230	.030910	.18892	.011093
%RSD	.7985023	.5957892	1.579765	.3215465	.8704567	.4306355

#1	10.34187	.5489250	1.031804	9.628012	21.91327	2.588312
#2	10.44610	.5449034	1.009362	9.633432	21.64876	2.573122
#3	10.28277	.5424925	1.040893	9.577390	21.54736	2.566712

Sample Name: ICV Acquired: 11/2/2018 14:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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 2.657788	F 23.60046	2.518701	F 2.688507	2.897536	.1193167
Stddev	.005414	.23747	.009861	.008294	.002850	.0009897
%RSD	.2037003	1.006191	.3915098	.3084828	.0983461	.8294365

#1	2.663984	23.85910	2.529658	2.697057	2.894266	.1182149
#2	2.653972	23.54997	2.510539	2.687967	2.899486	.1201301
#3	2.655407	23.39229	2.515908	2.680496	2.898857	.1196051

Elem	Sr4077
Units	ppm
Avg	.1352714
Stddev	.0013350
%RSD	.9869125

#1	.1340398
#2	.1350843
#3	.1366901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.869	2345.504	44468.05	4845.145	3386.242
Stddev	6.416	4.149	181.71	21.360	9.204
%RSD	.3350816	.1769082	.4086264	.4408450	.2718193

#1	1907.545	2341.185	44331.00	4821.042	3375.753
#2	1919.499	2349.459	44398.99	4852.667	3389.997
#3	1917.564	2345.867	44674.17	4861.725	3392.975

Sample Name: ICB Acquired: 11/2/2018 14:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	-.003263	.0004496	.0009515	.0018772	-.001912	.0060430	-.001594
Stddev	.004655	.0012725	.0010488	.0003159	.000868	.0044958	.000265
%RSD	142.6786	283.0451	110.2199	16.83006	45.40744	74.39773	16.60025

#1	.000196	-.000481	-.000259	.0017314	-.002904	.0059535	-.001801
#2	-.008556	.001900	.001538	.0022397	-.001290	.0105829	-.001296
#3	-.001429	-.000071	.001576	.0016605	-.001542	.0015925	-.001685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0000478	.0002837	.0001129	-.000112	.0078473	-.001198
Stddev	.000046	.0000202	.0162238	.0003260	.000115	.0044204	.009640
%RSD	1296.697	42.19684	5718.352	288.8542	102.1047	56.33054	804.4254

#1	.000033	.0000399	-.017495	-.000087	.000010	.0086120	.008375
#2	.000012	.0000328	.004058	-.000064	-.000219	.0118355	-.001066
#3	-.000055	.0000708	.014288	.000489	-.000128	.0030944	-.010904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006604	-.037396	-.000521	.0007813	.0222448	-.000660	-.007862
Stddev	.0001544	.026152	.000338	.0005304	.1894815	.003441	.011304
%RSD	23.37571	69.93225	64.82206	67.88954	851.8016	521.5219	143.7822

#1	.0007434	-.012294	-.000163	.0001781	.2116490	.000635	-.020311
#2	.0004823	-.035409	-.000566	.0009907	-.167314	.001946	-.005034
#3	.0007555	-.064484	-.000834	.0011750	.022399	-.004561	.001760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.204936	-.036543	-.001711	.0003510	-.010826	-.005300	-.000779
Stddev	.047154	.015128	.000350	.0001553	.007430	.000865	.000731
%RSD	23.00917	41.39783	20.42947	44.23346	68.62860	16.33107	93.78237

#1	-.210779	-.020645	-.001646	.0001957	-.002273	-.004614	-.000084
#2	-.248896	-.038224	-.001398	.0003512	-.014523	-.005013	-.001541
#3	-.155133	-.050760	-.002088	.0005063	-.015682	-.006272	-.000713

Sample Name: ICB Acquired: 11/2/2018 14:42:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) 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	-.000445	-.003424	-.000077
Stddev	.002097	.000999	.000051
%RSD	471.5326	29.18785	66.48275

#1	.001946	-.004013	-.000135
#2	-.001971	-.003988	-.000040
#3	-.001310	-.002270	-.000055

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.740	2251.126	42770.35	4695.120	3227.604
Stddev	4.650	5.522	56.73	17.424	4.789
%RSD	.2496543	.2452876	.1326424	.3711070	.1483746

#1	1864.423	2244.992	42710.44	4679.990	3222.801
#2	1857.482	2255.700	42823.25	4691.200	3232.379
#3	1866.314	2252.686	42777.38	4714.170	3227.632

Sample Name: ICSA Acquired: 11/2/2018 14:46:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.012465	-.002045	-.000303	-.008290	.0045826	266.2274
Stddev	.004386	.002207	.003719	.002609	.0012595	1.0050
%RSD	35.18785	107.9525	1227.053	31.47463	27.48368	.3774934

#1	-.015597	.000423	.003846	-.006451	.0032052	265.3414
#2	-.014347	-.003832	-.001417	-.007142	.0056754	266.0213
#3	-.007452	-.002725	-.003338	-.011276	.0048670	267.3195

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045854	.0006759	.0002116	268.4585	.0562427	.0003114
Stddev	.0010286	.0000363	.0000668	.7604	.0001581	.0002009
%RSD	22.43125	5.373445	31.55772	.2832609	.2811550	64.49499

#1	.0044310	.0006805	.0002356	267.7059	.0562629	.0000795
#2	.0036427	.0007098	.0001361	268.4429	.0560755	.0004279
#3	.0056824	.0006376	.0002630	269.2265	.0563898	.0004270

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001602	110.5989	.0115755	268.8830	.0004081	.0003056
Stddev	.002193	.4412	.0004958	1.2845	.0001647	.0003469
%RSD	136.9393	.3989616	4.283327	.4777146	40.36161	113.5157

#1	-.002963	110.2273	.0112187	267.4009	.0004226	.0006363
#2	-.002771	110.4829	.0113663	269.6736	.0005650	-.000056
#3	.000929	111.0866	.0121417	269.5744	.0002366	.000336

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109037	-.004943	-.003681	-.438730	.0036600	F .0738858
Stddev	.1164573	.007933	.014156	.077434	.0108010	.0019637
%RSD	105.0076	160.5013	384.6165	17.64963	295.1077	2.657806

#1	.0366932	-.005083	-.012458	-.528141	.0156498	.0759371
#2	.2451269	-.012805	-.011234	-.394575	-.005309	.0720232
#3	.0508911	.003060	.012650	-.393474	.000640	.0736972

Sample Name: ICSA Acquired: 11/2/2018 14:46:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010746	.0513888	-.004702	-.004258	-.004977	.0045104
Stddev	.0002599	.0270463	.002737	.002589	.001865	.0011668
%RSD	24.18734	52.63063	58.20598	60.79573	37.47549	25.86831

#1	.0008086	.0373563	-.002227	-.006491	-.005314	.0032262
#2	.0010874	.0825674	-.007640	-.004863	-.002966	.0055053
#3	.0013279	.0342428	-.004238	-.001420	-.006650	.0047997

Elem	Sr4077
Units	ppm
Avg	.1107637
Stddev	.0005069
%RSD	.4576465

#1	.1103974
#2	.1105515
#3	.1113422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.005	2149.330	43109.59	4694.515	2962.713
Stddev	3.171	4.827	29.66	14.736	5.412
%RSD	.1733781	.2245995	.0687901	.3138881	.1826770

#1	1825.460	2153.969	43078.98	4707.996	2967.687
#2	1829.983	2149.686	43138.19	4696.766	2963.503
#3	1831.572	2144.334	43111.59	4678.784	2956.949

Sample Name: ICSAB Acquired: 11/2/2018 14:50:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1015391	.1064451	.0516100	.0436765	.6676634	272.7640
Stddev	.0037249	.0024715	.0020540	.0028585	.0024194	1.7427
%RSD	3.668470	2.321866	3.979797	6.544606	.3623742	.6389170

#1	.0973896	.1049212	.0532429	.0469052	.6652433	274.2450
#2	.1026331	.1051173	.0522833	.0414685	.6700822	270.8436
#3	.1045945	.1092967	.0493039	.0426558	.6676648	273.2033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5800445	.5225458	1.089859	273.4534	.6446440	.5438009
Stddev	.0036511	.0022984	.004549	.6522	.0019774	.0030259
%RSD	.6294455	.4398449	.4173935	.2384924	.3067495	.5564421

#1	.5822438	.5251181	1.094586	273.7660	.6460310	.5472331
#2	.5758299	.5218256	1.089481	272.7038	.6455213	.5426513
#3	.5820597	.5206938	1.085512	273.8905	.6423797	.5415182

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5844132	112.2032	.5749891	273.5782	1.121609	.2113646
Stddev	.0030130	.6688	.0011707	1.3047	.004492	.0016412
%RSD	.5155562	.5960250	.2035945	.4769165	.4005122	.7764779

#1	.5875951	112.3618	.5744179	274.4459	1.126425	.2129817
#2	.5840408	111.4694	.5742138	272.0777	1.120869	.2114118
#3	.5816037	112.7784	.5763357	274.2110	1.117533	.2097003

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938566	F .6172586	1.120874	-.665149	.0275159	F .7109047
Stddev	.1690130	.0062077	.023242	.065029	.0117540	.0011501
%RSD	87.18457	1.005692	2.073547	9.776540	42.71717	.1617851

#1	.3884963	.6234545	1.142797	-.640346	.0142025	.7115738
#2	.1088621	.6110391	1.096507	-.738929	.0364577	.7095767
#3	.0842113	.6172821	1.123316	-.616172	.0318875	.7115637

Sample Name: ICSAB Acquired: 11/2/2018 14:50:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .6698284	.0330286	.6294884	F .6990021	.7328190	.0034227
Stddev	.0009450	.0121434	.0032902	.0010192	.0075984	.0012969
%RSD	.1410793	36.76635	.5226840	.1458056	1.036875	37.89123

#1	.6707496	.0470284	.6305546	.6999423	.7398371	.0024942
#2	.6698743	.0253462	.6321134	.6979190	.7247497	.0049045
#3	.6688613	.0267111	.6257973	.6991451	.7338701	.0028695

Elem	Sr4077
Units	ppm
Avg	.1130459
Stddev	.0005773
%RSD	.5106799

#1	.1132769
#2	.1123889
#3	.1134720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.138	2115.350	42690.50	4635.482	2924.273
Stddev	5.946	1.508	207.14	20.000	12.073
%RSD	.3293677	.0713102	.4852104	.4314561	.4128641

#1	1801.562	2113.708	42452.01	4613.475	2912.710
#2	1801.851	2116.674	42825.42	4652.549	2923.310
#3	1812.001	2115.668	42794.09	4640.421	2936.799

Sample Name: CCV088 Acquired: 11/2/2018 14:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.234919	5.129497	26.45289	5.031083	5.313778	F 445.3914
Stddev	.022332	.023294	.09371	.025146	.015329	1.4554
%RSD	.4266019	.4541249	.3542353	.4998133	.2884762	.3267624

#1	5.258306	5.107084	26.36342	5.028606	5.314656	444.1338
#2	5.213818	5.127824	26.44492	5.007268	5.298029	445.0548
#3	5.232632	5.153582	26.55032	5.057376	5.328649	446.9855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.71407	.4973998	2.552262	420.1900	16.12436	2.599900
Stddev	.01593	.0023372	.008237	1.0527	.02589	.006825
%RSD	.1487103	.4698758	.3227487	.2505304	.1605848	.2625051

#1	10.70587	.4948339	2.542992	419.1187	16.14851	2.592758
#2	10.70391	.4979588	2.555050	420.2283	16.09702	2.600586
#3	10.73243	.4994068	2.558743	421.2231	16.12756	2.606356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.41253	423.7309	15.66212	417.9398	2.662643	1.279421
Stddev	.09911	.6847	.06979	1.8521	.008865	.001529
%RSD	.6038982	.1615819	.4456252	.4431547	.3329276	.1194877

#1	16.30626	423.1098	15.58292	415.8096	2.653257	1.279025
#2	16.42888	423.6177	15.68877	418.8413	2.663799	1.278129
#3	16.50246	424.4651	15.71465	419.1687	2.670873	1.281109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	434.2175	F 2.825046	16.34859	F 166.4370	F 44.74775	5.166412
Stddev	.9977	.027084	.12898	.4155	.08666	.024292
%RSD	.2297687	.9587180	.7889215	.2496269	.1936615	.4701857

#1	433.7068	2.805124	16.29178	165.9939	44.67193	5.145233
#2	433.5785	2.814129	16.25777	166.4993	44.72911	5.192929
#3	435.3671	2.855885	16.49622	166.8178	44.84221	5.161073

Sample Name: CCV088 Acquired: 11/2/2018 14:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.208017	F 41.12915	4.774484	5.353177	5.521726	5.489294
Stddev	.006516	.11374	.026903	.023113	.019586	.010975
%RSD	.1251060	.2765323	.5634796	.4317670	.3547116	.1999292

#1	5.205746	41.00290	4.748850	5.339434	5.504329	5.479770
#2	5.202941	41.16098	4.802498	5.340235	5.517910	5.486816
#3	5.215364	41.22358	4.772104	5.379862	5.542939	5.501296

Elem	Sr4077
Units	ppm
Avg	5.407863
Stddev	.012107
%RSD	.2238688

#1	5.397462
#2	5.404974
#3	5.421153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.673	1928.344	42559.95	4604.336	2665.579
Stddev	4.267	4.481	126.14	1.282	5.630
%RSD	.2510453	.2323839	.2963778	.0278493	.2112106

#1	1696.208	1926.368	42415.17	4605.503	2667.773
#2	1704.439	1933.474	42618.56	4602.963	2669.783
#3	1698.372	1925.191	42646.12	4604.540	2659.183

Sample Name: CCB088 Acquired: 11/2/2018 14:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003712	.0012410	.0023430	.0026929	-.001668	-.002201	-.001101
Stddev	.002954	.0033241	.0005272	.0019236	.000274	.001805	.000801
%RSD	79.59468	267.8579	22.50007	71.43394	16.40870	82.03735	72.73005

#1	-.004288	.0049719	.0019416	.0007646	-.001418	-.000117	-.000345
#2	-.000512	-.001406	.0021475	.0046119	-.001961	-.003289	-.001940
#3	-.006335	.000157	.0029400	.0027021	-.001625	-.003197	-.001017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000146	.0000040	.0048593	.0005301	-.000011	.0039019	.0150517
Stddev	.0000452	.0000750	.0042125	.0003974	.000174	.0011370	.0165748
%RSD	310.4572	1877.216	86.68954	74.95353	1532.881	29.14117	110.1194

#1	-.000027	.0000580	.0013488	.0009419	.000151	.0030592	.0341561
#2	.000063	-.000082	.0095305	.0001490	-.000195	.0034513	.0064933
#3	.000007	.000036	.0036986	.0004994	.000010	.0051952	.0045055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001312	-.044466	-.000205	.0009420	-.234322	-.001914	-.005683
Stddev	.0002520	.030026	.000182	.0002624	.011070	.006030	.017978
%RSD	191.9802	67.52647	88.67201	27.85197	4.724474	315.0470	316.3638

#1	.0000033	-.010492	-.000126	.0008842	-.246720	-.008080	-.021004
#2	-.000031	-.055459	-.000077	.0007134	-.230820	-.001632	.014109
#3	.000422	-.067446	-.000413	.0012285	-.225425	.003970	-.010154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.313761	-.046878	.0091937	.0004102	-.006301	-.007351	.0003875
Stddev	.088124	.002910	.0004513	.0001774	.024563	.000828	.0008876
%RSD	28.08651	6.208249	4.909363	43.24514	389.8018	11.25993	229.0472

#1	-.388883	-.044753	.0096623	.0005208	-.012602	-.007050	.0007936
#2	-.216757	-.045687	.0087618	.0005042	.020798	-.006717	.0009994
#3	-.335642	-.050195	.0091572	.0002056	-.027100	-.008288	-.000630

Sample Name: CCB088 Acquired: 11/2/2018 14:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001612	-.003790	-.000032
Stddev	.001898	.001962	.000066
%RSD	117.7017	51.76300	209.9848

#1	-.000602	-.001731	-.000106
#2	-.003802	-.005637	-.000010
#3	-.000433	-.004001	.000021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.878	2317.173	44882.71	4901.143	3346.264
Stddev	10.256	2.995	33.84	36.740	3.757
%RSD	.5257035	.1292731	.0753990	.7496176	.1122683

#1	1941.362	2313.775	44845.08	4858.720	3341.961
#2	1961.740	2318.314	44892.42	4922.460	3348.896
#3	1949.531	2319.431	44910.64	4922.250	3347.934

Sample Name: PB114454BL Acquired: 11/2/2018 15:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001389	.0025477	.0016644	.0000298	-.001426	-.003792	-.001421
Stddev	.002437	.0022158	.0016876	.0013728	.000975	.004192	.000968
%RSD	175.3998	86.97173	101.3911	4605.810	68.37888	110.5596	68.14037

#1	-.003337	.0046866	.0032068	-.001487	-.001567	-.006949	-.002050
#2	-.002173	.0002623	-.000138	.000390	-.002323	.000965	-.001907
#3	.001343	.0026944	.001925	.001187	-.000388	-.005391	-.000306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0000028	.0116935	.0003496	-.000121	.0020948	.0066546
Stddev	.000100	.0001015	.0127257	.0001411	.000201	.0027137	.0154029
%RSD	555.2877	3562.253	108.8265	40.34797	166.0840	129.5474	231.4604

#1	-.000009	.0001196	-.002466	.0004668	.000110	.0050769	-.009470
#2	-.000122	-.000064	.022175	.0001931	-.000216	-.000230	.021216
#3	.000077	-.000047	.015372	.0003888	-.000257	.001437	.008218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001717	-.054003	-.000186	.0008531	-.291004	-.000831	-.006406
Stddev	.0006919	.064280	.000189	.0004520	.222224	.002176	.006710
%RSD	402.9586	119.0316	101.9363	52.98388	76.36437	261.8128	104.7449

#1	-.000547	-.008882	-.000366	.0013726	-.512292	.000314	-.002651
#2	.000834	-.127603	.000012	.0006369	-.292866	-.003340	-.002415
#3	.000228	-.025523	-.000203	.0005498	-.067856	.000533	-.014154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.292582	-.042106	-.003754	.0002062	-.006681	-.007625	-.001176
Stddev	.027003	.008145	.000196	.0002058	.003394	.001274	.000996
%RSD	9.229330	19.34450	5.226464	99.78526	50.79696	16.70245	84.63289

#1	-.316135	-.034599	-.003741	-.000012	-.002839	-.007139	-.000179
#2	-.298500	-.050767	-.003956	.000235	-.009272	-.009070	-.002170
#3	-.263110	-.040953	-.003564	.000396	-.007932	-.006666	-.001180

Sample Name: PB114454BL Acquired: 11/2/2018 15:02:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002107	-.007552	-.000054
Stddev	.003308	.002157	.000054
%RSD	157.0043	28.56324	99.60786

#1	-.001946	-.009386	-.000090
#2	-.005492	-.008094	-.000079
#3	.001118	-.005175	.000008

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.086	2239.893	43479.68	4739.600	3223.981
Stddev	6.344	1.447	106.92	9.533	3.611
%RSD	.3368778	.0645876	.2459161	.2011404	.1119935

#1	1879.894	2241.560	43485.57	4728.920	3227.043
#2	1890.392	2238.972	43583.53	4747.250	3224.900
#3	1878.972	2239.146	43369.93	4742.630	3219.999

Sample Name: PB114454BS Acquired: 11/2/2018 15:06:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0128759	.0433494	.0181965	.0633284	.1160778	.3855833
Stddev	.0047220	.0023924	.0009047	.0016166	.0016378	.0118824
%RSD	36.67314	5.518843	4.971628	2.552682	1.410996	3.081681

#1	.0080229	.0409925	.0176227	.0638815	.1171973	.3733423
#2	.0131498	.0457757	.0177274	.0645957	.1141980	.3863364
#3	.0174549	.0432800	.0192393	.0615078	.1168382	.3970714

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3834942	.0090508	.0098141	9.675105	.0253298	.0922836
Stddev	.0006670	.0000968	.0000569	.042229	.0002769	.0005026
%RSD	.1739316	1.069469	.5801946	.4364662	1.093069	.5445756

#1	.3837368	.0090047	.0098548	9.660325	.0250148	.0928419
#2	.3840060	.0091620	.0097490	9.722737	.0254396	.0921416
#3	.3827399	.0089856	.0098385	9.642253	.0255349	.0918674

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522152	.2181936	.0302206	9.020763	.0792619	.0183909
Stddev	.0021878	.0143812	.0001816	.065031	.0002150	.0002952
%RSD	4.190048	6.591045	.6009419	.7208997	.2712231	1.605028

#1	.0529445	.2112413	.0304090	9.072531	.0790367	.0182071
#2	.0539452	.2347299	.0300466	9.041987	.0794650	.0182342
#3	.0497558	.2086095	.0302062	8.947772	.0792840	.0187314

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.184703	.1025053	.1033326	7.303646	F .7425413	.0074087
Stddev	.057790	.0031499	.0117343	.066128	.0238585	.0009344
%RSD	.6292013	3.072912	11.35581	.9054106	3.213093	12.61212

#1	9.187350	.0992156	.0970139	7.254117	.7178773	.0082144
#2	9.125635	.1054938	.0961118	7.278081	.7655032	.0063844
#3	9.241125	.1028066	.1168722	7.378740	.7442434	.0076274

Sample Name: PB114454BS Acquired: 11/2/2018 15:06:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193042	.6354905	.1589195	F .0108422	.0998893	.0722341
Stddev	.0002772	.0094937	.0015968	.0007471	.0025230	.0007559
%RSD	1.435970	1.493911	1.004773	6.891046	2.525840	1.046434

#1	.0194307	.6464231	.1590896	.0110712	.0972739	.0722863
#2	.0194955	.6307217	.1572445	.0100073	.1023086	.0714535
#3	.0189863	.6293265	.1604244	.0114479	.1000854	.0729625

Elem	Sr4077
Units	ppm
Avg	.1934993
Stddev	.0005190
%RSD	.2682289

#1	.1932485
#2	.1940961
#3	.1931534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.220	2314.538	45634.44	4971.897	3359.519
Stddev	5.911	2.632	135.60	21.982	1.859
%RSD	.3010645	.1137231	.2971413	.4421345	.0553337

#1	1968.320	2316.209	45507.08	4987.220	3361.090
#2	1956.742	2311.504	45619.23	4946.710	3360.001
#3	1964.599	2315.901	45777.00	4981.760	3357.467

Sample Name: J5664-11 Acquired: 11/2/2018 15:10:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390551	-.016261	1.437701	-.018941	-.000930	116.6422	1.066432
Stddev	.0019839	.003217	.003623	.002371	.001292	.2047	.001890
%RSD	5.079663	19.78265	.2519797	12.51911	138.9155	.1754580	.1772714

#1	.0413382	-.016073	1.440862	-.017873	-.001166	116.4457	1.068491
#2	.0380767	-.013143	1.438494	-.017292	.000464	116.8542	1.066029
#3	.0377505	-.019568	1.433748	-.021659	-.002087	116.6267	1.064775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075743	.0079768	31.61656	1.862400	.1278220	.5448303	264.1954
Stddev	.0000301	.0001249	.01101	.005065	.0003517	.0022165	.3948
%RSD	.3972063	1.566340	.0348296	.2719509	.2751530	.4068225	.1494306

#1	.0075877	.0080739	31.62730	1.865104	.1277765	.5443316	264.6354
#2	.0075953	.0080205	31.61708	1.856558	.1274953	.5429056	264.0784
#3	.0075398	.0078358	31.60529	1.865539	.1281943	.5472536	263.8723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.393175	33.66086	.2943439	.0063898	1.855069	.4138658	1.419143
Stddev	.007107	.15611	.0002440	.0003325	.218853	.0102679	.008350
%RSD	.1617838	.4637640	.0828830	5.203851	11.79757	2.480974	.5883698

#1	4.388457	33.56328	.2942557	.0063487	1.830147	.4210631	1.428223
#2	4.389718	33.57839	.2941562	.0067410	1.649744	.4184268	1.417410
#3	4.401349	33.84090	.2946197	.0060798	2.085316	.4021076	1.411796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.01535	23.61886	.2161034	.0070306	8.534071	7.912374	.0872458
Stddev	.07235	.02115	.0032776	.0001533	.040574	.083912	.0006722
%RSD	.4015856	.0895590	1.516677	2.179938	.4754356	1.060515	.7704224

#1	17.93242	23.60981	.2198743	.0068544	8.547096	7.830156	.0877320
#2	18.04807	23.64303	.2139392	.0071328	8.488584	7.997883	.0875266
#3	18.06556	23.60373	.2144966	.0071046	8.566533	7.909082	.0864787

Sample Name: J5664-11 Acquired: 11/2/2018 15:10:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4E9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.223103	.1153905	.2188647
Stddev	.004668	.0009051	.0003397
%RSD	.1105268	.7843697	.1552300

#1	4.226882	.1161491	.2186364
#2	4.217886	.1143886	.2192552
#3	4.224542	.1156339	.2187027

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.705	2593.832	52292.87	5794.145	3240.372
Stddev	7.424	2.954	184.16	11.926	3.223
%RSD	.3364343	.1139019	.3521680	.2058328	.0994592

#1	2198.321	2590.579	52094.94	5801.615	3236.660
#2	2209.349	2596.349	52459.15	5780.391	3242.451
#3	2212.445	2594.568	52324.54	5800.429	3242.006

Sample Name: J5664-20 Acquired: 11/2/2018 15:14:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4F8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008859	-.006433	.0208564	.0001577	-.028581	2.115026	.0274258
Stddev	.002276	.001042	.0011168	.0013212	.000655	.004390	.0001983
%RSD	25.69678	16.19317	5.354736	838.0797	2.292948	.2075808	.7231113

#1	-.010924	-.006916	.0198074	-.001342	-.027870	2.113972	.0274435
#2	-.009234	-.005237	.0207315	.000665	-.029162	2.119847	.0276147
#3	-.006418	-.007144	.0220305	.001150	-.028711	2.111258	.0272192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003191	.0000509	2.046907	5.705562	.0136850	.0251624	56.66678
Stddev	.0000279	.0000649	.011510	.008843	.0001540	.0037621	.06029
%RSD	8.751147	127.5571	.5623205	.1549963	1.125350	14.95126	.1063992

#1	.0002869	-.000011	2.037112	5.705309	.0136324	.0211021	56.70598
#2	.0003355	.000119	2.059584	5.696848	.0135642	.0258551	56.59736
#3	.0003350	.000045	2.044025	5.714530	.0138584	.0285300	56.69701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4112752	.9885948	.0471256	.0013569	.3113530	.0207624	.0957390
Stddev	.0035781	.0102275	.0003087	.0002751	.2133411	.0018903	.0020895
%RSD	.8699916	1.034553	.6550529	20.27209	68.52065	9.104155	2.182478

#1	.4081868	.9801350	.0471930	.0016649	.4886533	.0191916	.0968422
#2	.4104426	.9856884	.0467888	.0012702	.3708174	.0228602	.0970456
#3	.4151961	.9999609	.0473950	.0011357	.0745884	.0202356	.0933291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.24245	.7820393	.0420095	.0024439	1.264967	12.87138	-.001588
Stddev	.02026	.0098577	.0013298	.0002296	.010570	.07405	.000430
%RSD	1.630501	1.260511	3.165574	9.393685	.8356098	.5752852	27.10488

#1	-1.22758	.7819868	.0430561	.0027061	1.258759	12.79298	-.001468
#2	-1.23424	.7722080	.0405131	.0023466	1.258970	12.94013	-.001231
#3	-1.26553	.7919231	.0424594	.0022791	1.277171	12.88104	-.002066

Sample Name: J5664-20 Acquired: 11/2/2018 15:14:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4F8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0913961	-.013780	.0105438
Stddev	.0033049	.000223	.0000726
%RSD	3.616067	1.615802	.6889450

#1	.0890718	-.013800	.0104767
#2	.0951795	-.013549	.0105338
#3	.0899370	-.013993	.0106210

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.894	2299.009	46027.24	5039.813	3328.171
Stddev	2.364	2.098	77.74	12.653	2.418
%RSD	.1211239	.0912495	.1688917	.2510539	.0726392

#1	1951.192	2301.195	46102.55	5051.520	3330.353
#2	1954.530	2298.819	45947.29	5026.390	3328.587
#3	1949.960	2297.012	46031.86	5041.530	3325.572

Sample Name: CCV089 Acquired: 11/2/2018 15:23:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.176945	5.071678	26.07145	4.995817	5.300606	438.7224
Stddev	.031277	.006022	.08220	.005295	.013470	1.6573
%RSD	.6041681	.1187448	.3152814	.1059941	.2541267	.3777490

#1	5.156670	5.066651	25.99640	4.990989	5.301834	438.8979
#2	5.161198	5.070029	26.05866	5.001480	5.286564	440.2850
#3	5.212966	5.078353	26.15930	4.994982	5.313421	436.9844

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54352	.4873628	2.491874	410.5349	15.84868	2.541682
Stddev	.03396	.0033961	.008889	1.1848	.01984	.006427
%RSD	.3221304	.6968248	.3567253	.2885879	.1252110	.2528759

#1	10.53125	.4906758	2.484665	410.1993	15.82823	2.539766
#2	10.58191	.4875231	2.489152	411.8513	15.84997	2.536431
#3	10.51740	.4838894	2.501806	409.5542	15.86785	2.548850

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.18243	414.1899	15.38359	407.4959	2.629707	1.249853
Stddev	.06897	1.3611	.05870	1.1266	.009354	.002714
%RSD	.4262297	.3286154	.3815802	.2764637	.3556999	.2171428

#1	16.17492	413.6988	15.34203	406.7081	2.624292	1.249360
#2	16.25485	415.7283	15.45074	408.7863	2.624321	1.252780
#3	16.11752	413.1424	15.35800	406.9933	2.640508	1.247419

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	425.9867	F 2.814817	16.02649	163.8361	F 30.95485	5.015464
Stddev	1.9237	.015491	.06068	.7211	.07310	.031865
%RSD	.4515787	.5503354	.3786518	.4401055	.2361617	.6353420

#1	426.2493	2.826544	15.98777	163.7492	30.89152	5.045475
#2	427.7656	2.797256	16.09643	164.5967	31.03485	5.018893
#3	423.9452	2.820651	15.99528	163.1624	30.93819	4.982022

Sample Name: CCV089 Acquired: 11/2/2018 15:23:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.144305	F 27.43475	4.714958	5.287672	5.471460	5.388244
Stddev	.013355	.02199	.036664	.019699	.025640	.014676
%RSD	.2596027	.0801438	.7776084	.3725370	.4686099	.2723744

#1	5.139117	27.42996	4.748175	5.264951	5.484290	5.381417
#2	5.134322	27.45874	4.721082	5.298108	5.488153	5.405090
#3	5.159475	27.41556	4.675618	5.299956	5.441938	5.378225

Elem	Sr4077
Units	ppm
Avg	5.308413
Stddev	.019876
%RSD	.3744290

#1	5.307964
#2	5.328509
#3	5.288765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1652.510	1862.656	41476.86	4468.771	2588.279
Stddev	3.666	3.951	63.52	25.566	4.148
%RSD	.2218223	.2121102	.1531353	.5720935	.1602488

#1	1649.650	1861.309	41537.80	4442.220	2588.345
#2	1651.238	1867.104	41411.05	4470.873	2592.392
#3	1656.642	1859.555	41481.74	4493.221	2584.098

Sample Name: CCB089 Acquired: 11/2/2018 15:27:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006038	.0005489	.0028852	.0023551	-.001541	.0040286	-.001682
Stddev	.001822	.0027503	.0004763	.0006347	.000312	.0084637	.000698
%RSD	30.16956	501.0855	16.50638	26.95042	20.24731	210.0914	41.48491

#1	-.007615	-.001314	.0025179	.0024519	-.001184	.0019950	-.002278
#2	-.004044	.003708	.0034233	.0029358	-.001680	-.003233	-.001853
#3	-.006456	-.000748	.0027146	.0016775	-.001759	.013324	-.000914

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	-.000058	-.002836	.0005131	-.000129	.0018459	.0151968
Stddev	.000013	.000087	.004512	.0004014	.000168	.0018972	.0204792
%RSD	120.4971	151.2095	159.0827	78.21527	130.8273	102.7775	134.7599

#1	.000003	-.000152	.002365	.0002477	-.000016	.0039861	.0143931
#2	-.000013	-.000041	-.005699	.0009749	-.000048	.0011807	-.004869
#3	-.000022	.000020	-.005176	.0003169	-.000322	.0003709	.036066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.029491	-.000216	.0012066	-.305391	.0051531	-.007004
Stddev	.000714	.020356	.000066	.0002425	.273138	.0035323	.000748
%RSD	8094.737	69.02496	30.75109	20.09531	89.43891	68.54669	10.68381

#1	-.000222	-.010566	-.000287	.0009406	-.547781	.0038555	-.007440
#2	-.000593	-.051026	-.000206	.0014153	-.358951	.0091506	-.006140
#3	.000788	-.026880	-.000155	.0012639	-.009440	.0024531	-.007432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.383363	-.045404	.0050770	.0005354	-.013325	-.005883	-.000605
Stddev	.035137	.009906	.0007674	.0001025	.016048	.001375	.000117
%RSD	9.165364	21.81714	15.11590	19.14475	120.4391	23.37849	19.26175

#1	-.392601	-.040841	.0059343	.0005088	-.031657	-.004307	-.000622
#2	-.344530	-.056769	.0048427	.0006486	-.001814	-.006841	-.000482
#3	-.412957	-.038602	.0044541	.0004488	-.006503	-.006501	-.000713

Sample Name: CCB089 Acquired: 11/2/2018 15:27:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v702) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002358	-.005116	-.000051
Stddev	.001893	.001138	.000031
%RSD	80.30437	22.23940	60.20485

#1	-.004365	-.003835	-.000040
#2	-.000604	-.005506	-.000085
#3	-.002104	-.006008	-.000027

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.695	2272.697	44592.82	4797.193	3294.106
Stddev	2.042	2.541	18.05	18.272	2.279
%RSD	.1056469	.1117872	.0404691	.3808886	.0691842

#1	1930.921	2270.940	44587.67	4776.100	3291.481
#2	1934.927	2271.541	44612.89	4808.150	3295.579
#3	1932.238	2275.610	44577.91	4807.330	3295.258