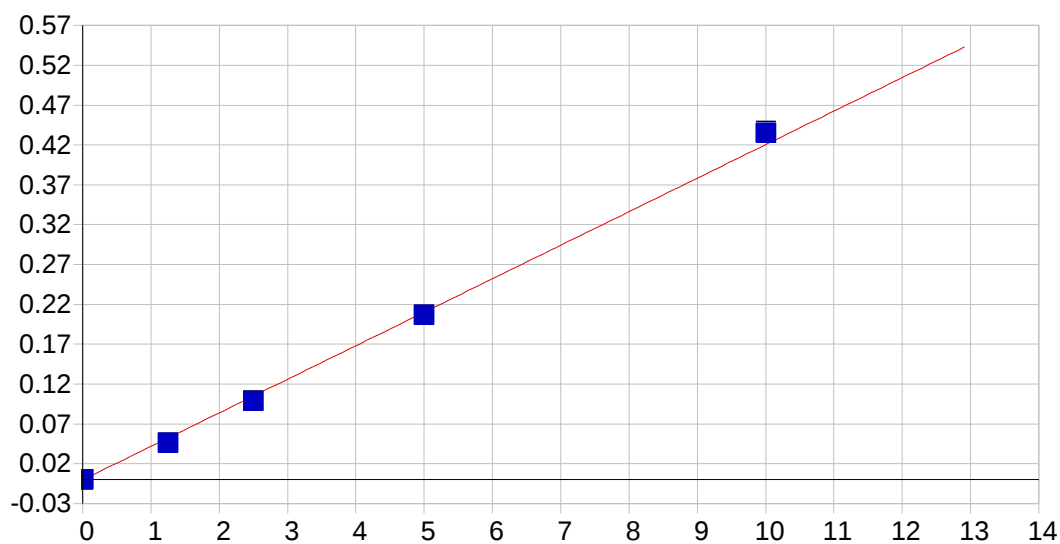


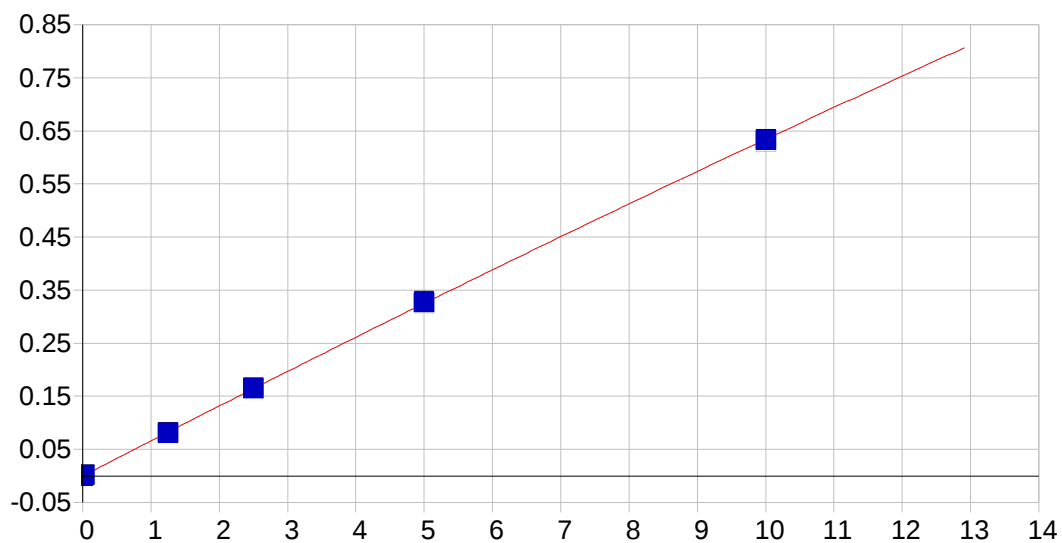


As 189.042 {479}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.042061 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998996 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002721
 Predicted MQL: 0.009071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.01064	.001	6.44	.00028	.000	1
S2	1.2500	1.1102	-.140	-11.2	.04654	.000	1
S3	2.5000	2.3578	-.142	-5.69	.09902	.000	1
S4	5.0000	4.9236	-.076	-1.53	.20695	.001	1
S5	10.000	10.358	.358	3.58	.43555	.002	1

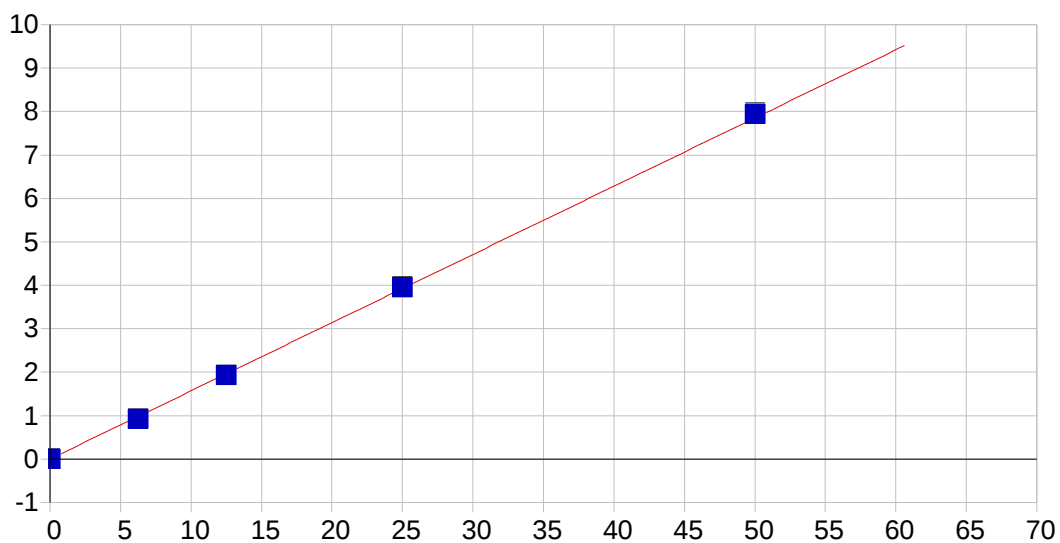


TI 190.856 {477}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000310 Re-Slope: 1.000000
 A1 (Gain): 0.066702 Y-int: 0.000000
 A2 (Curvature): -0.000325
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001554
 Predicted MQL: 0.005179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.02500	.02475	.000	-.981	.00132	.000	1
S2	1.2500	1.2236	-.026	-2.11	.08032	.000	1
S3	2.5000	2.5088	.009	.350	.16398	.001	1
S4	5.0000	5.0350	.035	.699	.32529	.002	1
S5	10.000	9.9828	-.017	-.172	.62917	.001	1

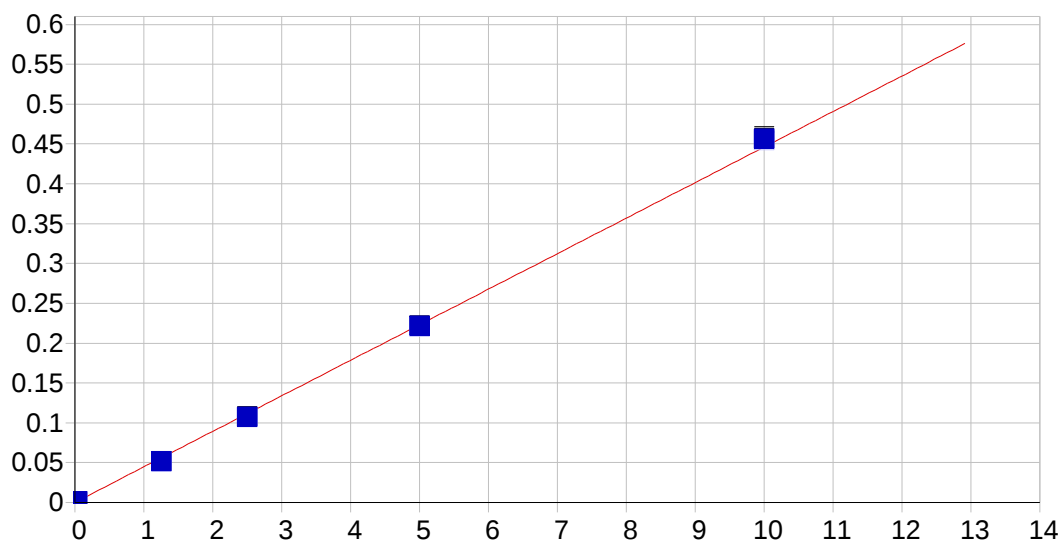


Pb 220.353 {453}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000213 Re-Slope: 1.000000
 A1 (Gain): 0.157045 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.001257
 Predicted MQL: 0.004192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00967	.000	-3.32	.00132	.000	1
S2	6.2500	5.8204	-.430	-6.87	.91539	.001	1
S3	12.500	12.255	-.245	-1.96	1.9275	.004	1
S4	25.000	25.120	.120	.479	3.9509	.013	1
S5	50.000	50.555	.555	1.11	7.9515	.021	1

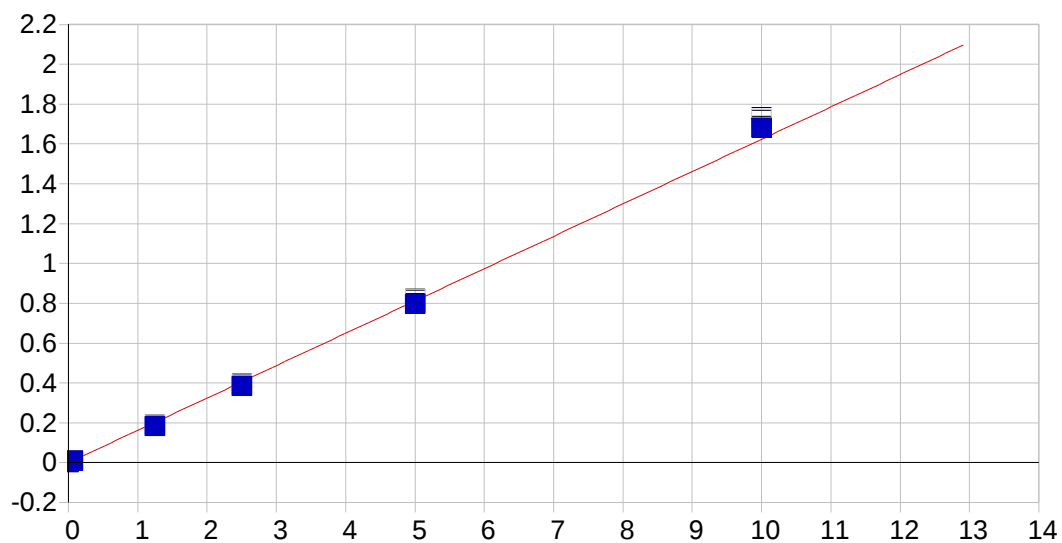


Se 196.090 {472}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.044598 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999552 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002934
 Predicted MQL: 0.009781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.03500	.03486	.000	-.396	.00165	.000	1
S2	1.2500	1.1504	-.100	-7.97	.05114	.000	1
S3	2.5000	2.4090	-.091	-3.64	.10701	.000	1
S4	5.0000	4.9634	-.037	-.733	.22041	.000	1
S5	10.000	10.227	.227	2.27	.45413	.003	1

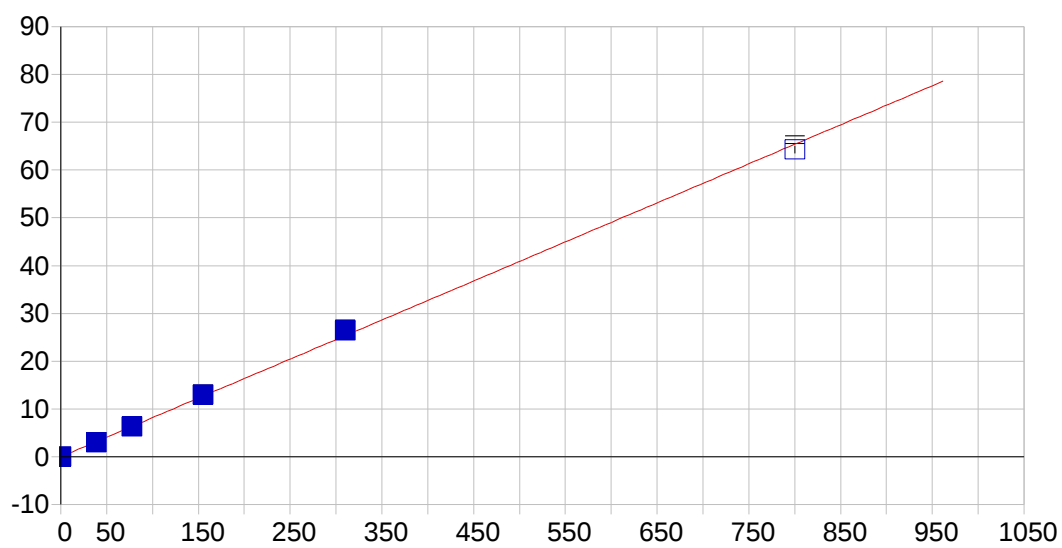


Sb 206.833 {463}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.162356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999127 Status: OK.
 Std Error of Est: 0.000287
 Predicted MDL: 0.001137
 Predicted MQL: 0.003790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00003	.000	1
S1	.06000	.05637	-.004	-6.04	.00918	.000	1
S2	1.2500	1.1216	-.128	-10.3	.18766	.000	1
S3	2.5000	2.3686	-.131	-5.26	.39564	.000	1
S4	5.0000	4.9073	-.093	-1.85	.81887	.002	1
S5	10.000	10.356	.356	3.56	1.7256	.006	1

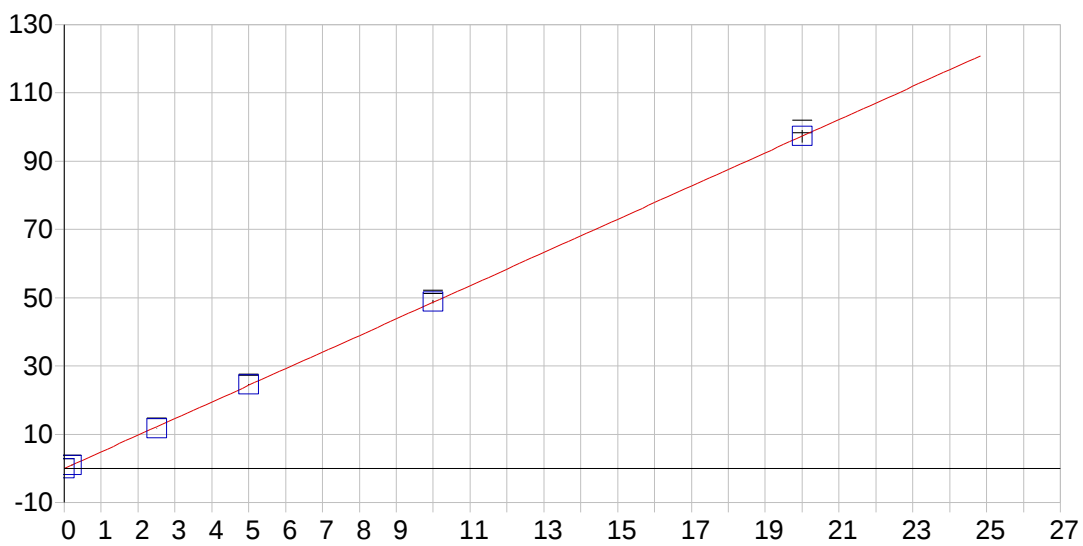


AI 396.152 { 85}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000041	Re-Slope: 1.000000
A1 (Gain):	0.081727	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999657	Status: OK.
Std Error of Est:	0.001332	
Predicted MDL:	0.006097	
Predicted MQL:	0.020324	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.20000	.20643	.006	3.21	.01694	.000	1
S2	38.750	36.362	-2.39	-6.16	2.9748	.022	1
S3	77.500	77.428	-.072	-.093	6.3339	.026	1
S4	155.00	158.38	3.38	2.18	12.956	.016	1
S5	310.00	322.49	12.5	4.03	26.380	.144	1
S6	800.00	786.58	-13.4	-1.68	64.285	.754	1

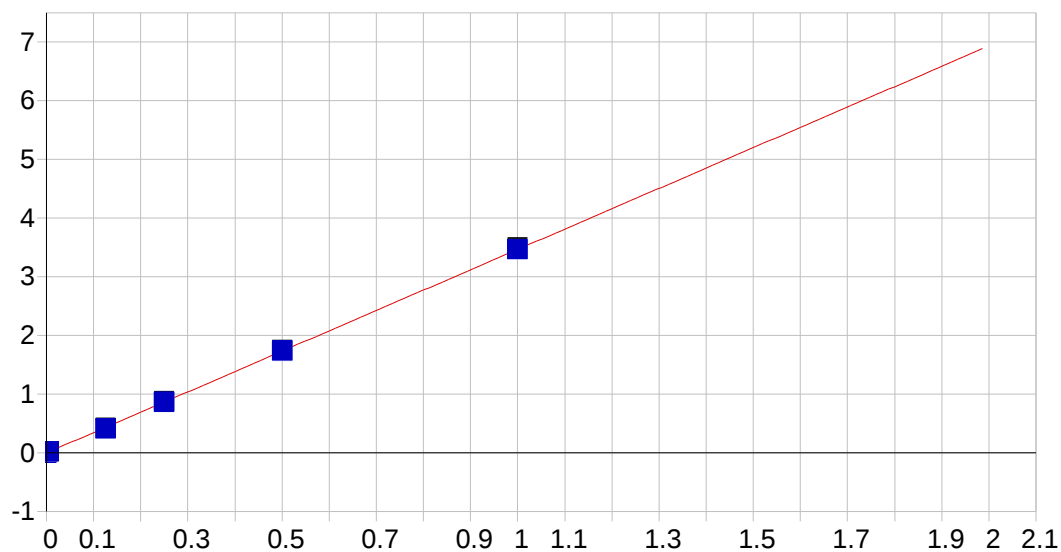


Ba 493.409 { 68}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016507 Re-Slope: 1.000000
 A1 (Gain): 4.866967 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.005353
 Predicted MDL: 0.000265
 Predicted MQL: 0.000883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01652	.001	1
S1	.20000	.20614	.006	3.07	.98675	.002	1
S2	2.5000	2.4107	-.089	-3.57	11.716	.065	1
S3	5.0000	5.0511	.051	1.02	24.567	.173	1
S4	10.000	10.037	.037	.367	48.832	.534	1
S5	20.000	19.995	-.005	-.023	97.300	1.85	1



Be 234.861 {144}

Date of Fit: 11/30/2017 11:46:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001870

Re-Slope: 1.000000

A1 (Gain): 3.468744

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999951

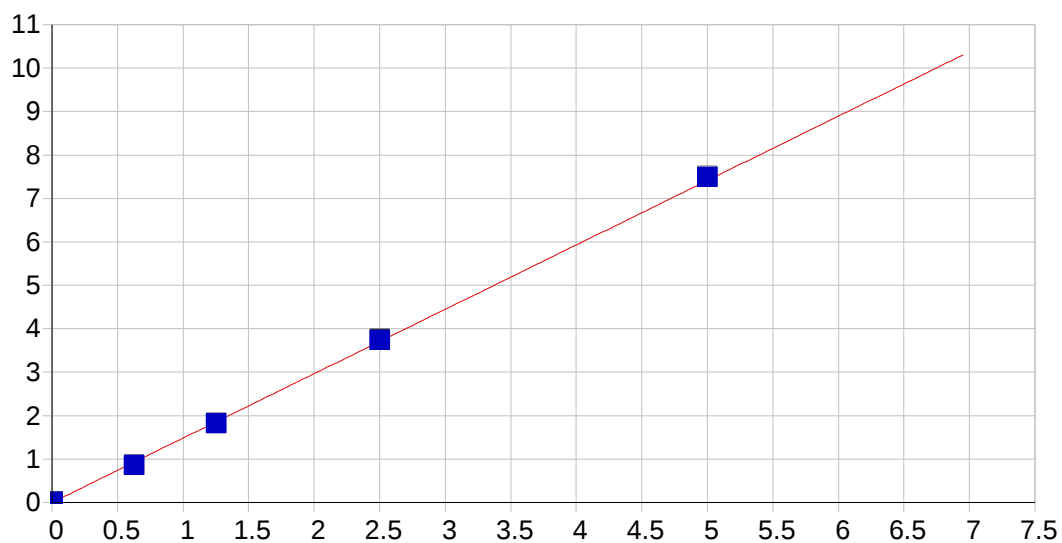
Status: OK.

Std Error of Est: 0.000129

Predicted MDL: 0.000075

Predicted MQL: 0.000251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00187	.000	1
S1	.00500	.00527	.000	5.38	.01639	.000	1
S2	.12500	.12056	-.004	-3.55	.41441	.005	1
S3	.25000	.25084	.001	.335	.86443	.009	1
S4	.50000	.50189	.002	.379	1.7315	.013	1
S5	1.0000	1.0014	.001	.144	3.4567	.027	1

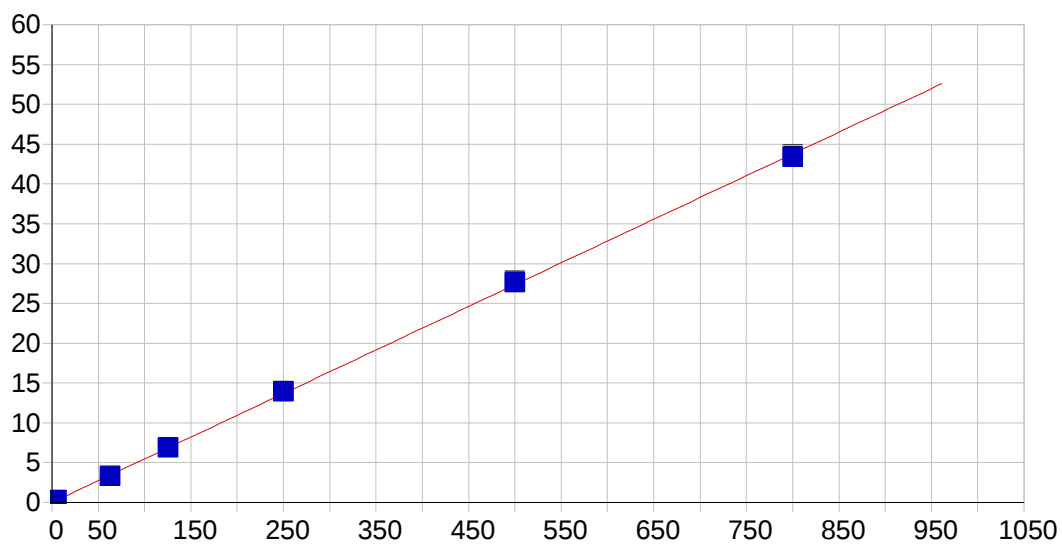


Cd 214.438 {457}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000205 Re-Slope: 1.000000
 A1 (Gain): 1.482358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999749 Status: OK.
 Std Error of Est: 0.000279
 Predicted MDL: 0.000086
 Predicted MQL: 0.000287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.00500	.00467	.000	-6.67	.00713	.000	1
S2	.62500	.57701	-.048	-7.68	.85744	.002	1
S3	1.2500	1.2287	-.021	-1.71	1.8254	.003	1
S4	2.5000	2.5206	.021	.825	3.7443	.015	1
S5	5.0000	5.0490	.049	.980	7.4999	.011	1

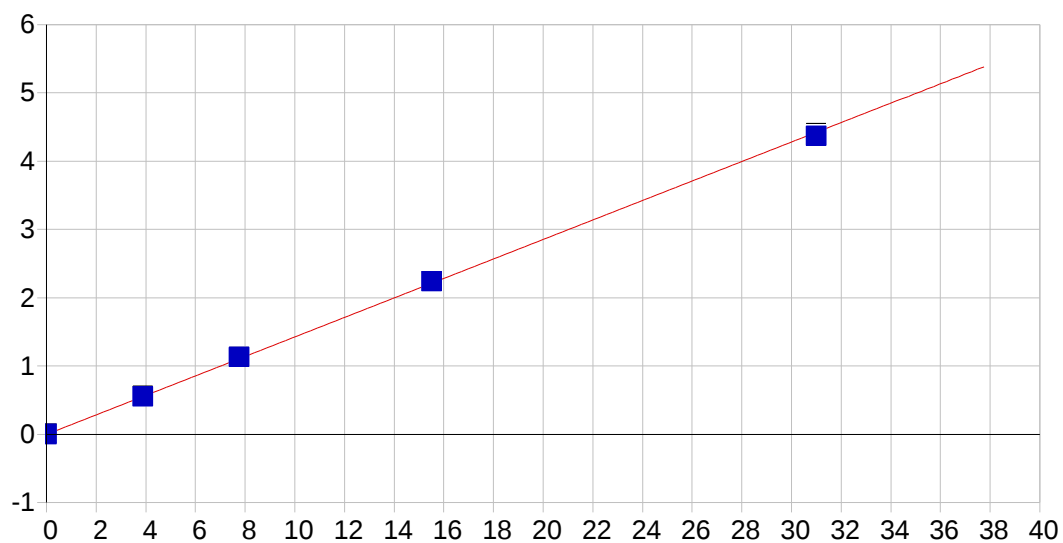


Ca 373.690 { 90}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001475 Re-Slope: 1.000000
 A1 (Gain): 0.054713 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.002427
 Predicted MDL: 0.008655
 Predicted MQL: 0.028848

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00147	.000	1
S1	5.0000	5.0954	.095	1.91	.28029	.000	1
S2	62.500	60.108	-2.39	-3.83	3.3023	.032	1
S3	125.00	125.78	.783	.626	6.9077	.012	1
S4	250.00	254.07	4.07	1.63	13.951	.031	1
S5	500.00	504.90	4.90	.979	27.723	.116	1
S6	800.00	792.57	-7.43	-.929	43.625	.081	1

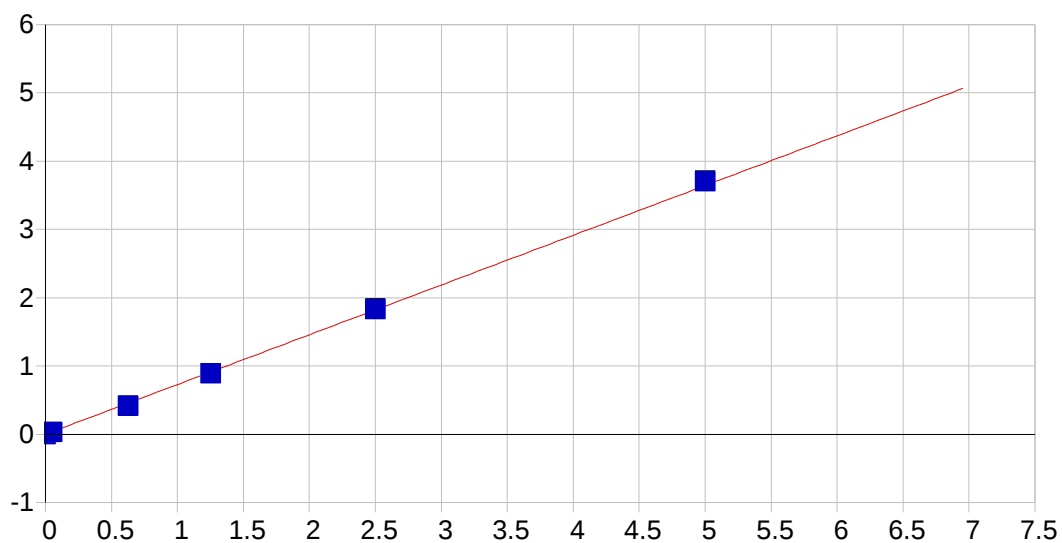


Cr 267.716 {126}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.142658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.000411
 Predicted MQL: 0.001372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01078	.001	7.84	.00152	.000	1
S2	3.8750	3.8720	-.003	-.077	.55279	.004	1
S3	7.7500	7.9443	.194	2.51	1.1342	.006	1
S4	15.500	15.682	.182	1.17	2.2388	.003	1
S5	31.000	30.626	-.374	-1.21	4.3726	.040	1

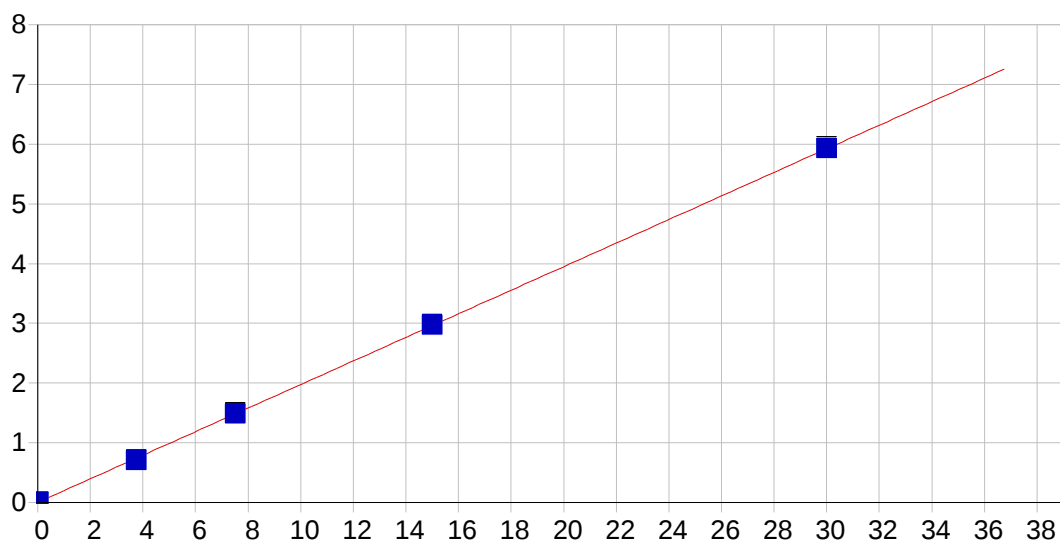


Co 228.616 {448}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.728698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999612 Status: OK.
 Std Error of Est: 0.000541
 Predicted MDL: 0.000193
 Predicted MQL: 0.000642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00023	.000	1
S1	.05000	.04497	-.005	-10.1	.03266	.000	1
S2	.62500	.57075	-.054	-8.68	.41657	.001	1
S3	1.2500	1.2186	-.031	-2.52	.88952	.002	1
S4	2.5000	2.5099	.010	.396	1.8323	.008	1
S5	5.0000	5.0808	.081	1.62	3.7094	.012	1

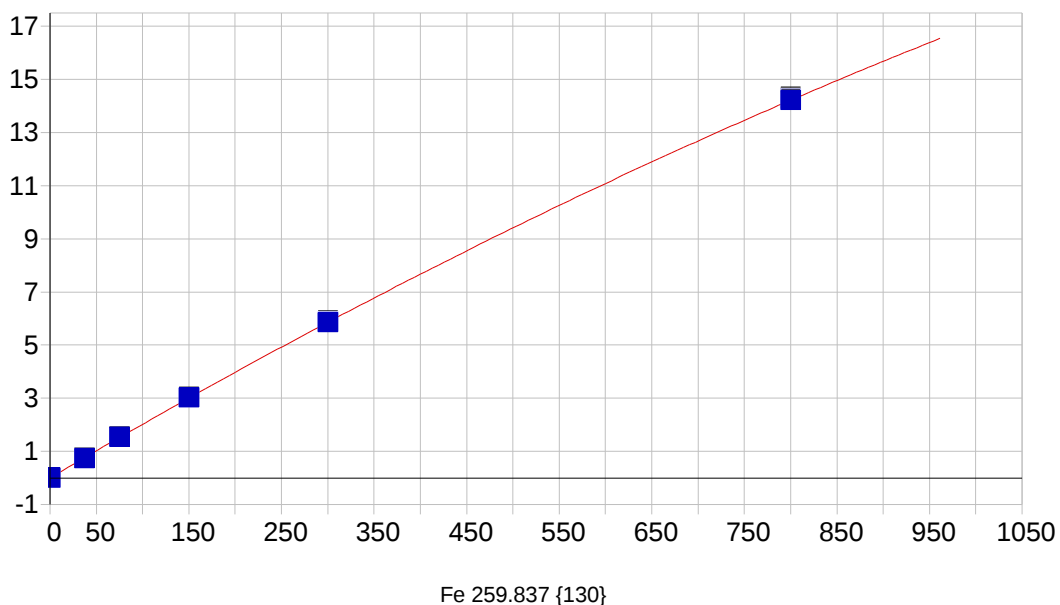


Cu 324.754 {104}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001449 Re-Slope: 1.000000
 A1 (Gain): 0.197338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.001546
 Predicted MQL: 0.005155

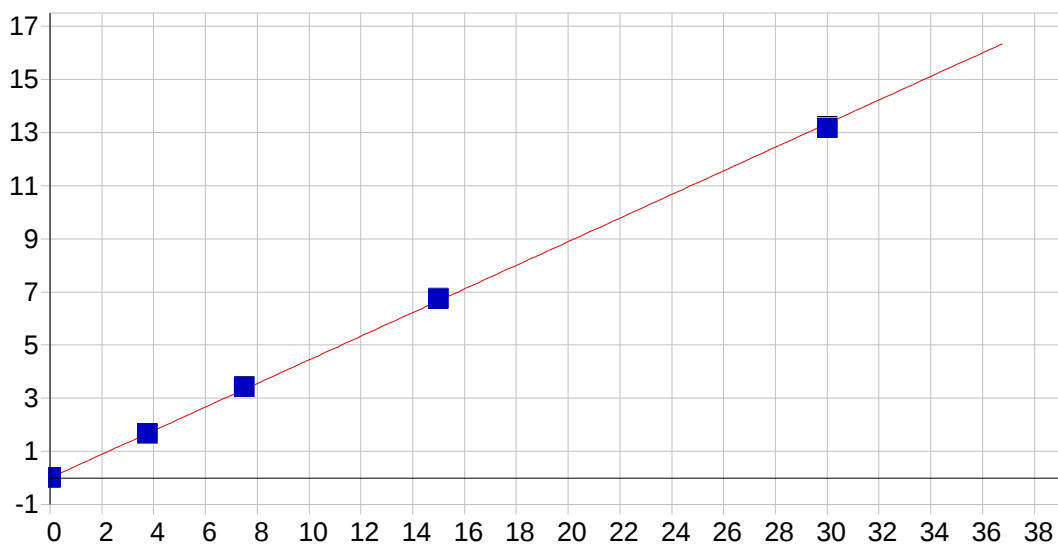
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00145	.000	1
S1	.02500	.02829	.003	13.1	.00702	.000	1
S2	3.7500	3.5859	-.164	-4.37	.70863	.004	1
S3	7.5000	7.5541	.054	.721	1.4912	.014	1
S4	15.000	15.054	.054	.362	2.9704	.011	1
S5	30.000	30.052	.052	.175	5.9283	.031	1



Date of Fit: 11/30/2017 11:46:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.020568 Y-int: 0.000000
 A2 (Curvature): -0.000003
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.007525
 Predicted MQL: 0.025082

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00002	.000	1
S1	.10000	.11410	.014	14.1	.00241	.000	1
S2	37.500	36.269	-1.23	-3.28	.74554	.005	1
S3	75.000	75.654	.654	.872	1.5443	.003	1
S4	150.00	150.69	.688	.458	3.0365	.008	1
S5	300.00	300.06	.065	.022	5.8900	.018	1
S6	800.00	799.80	-.202	-.025	14.289	.061	1

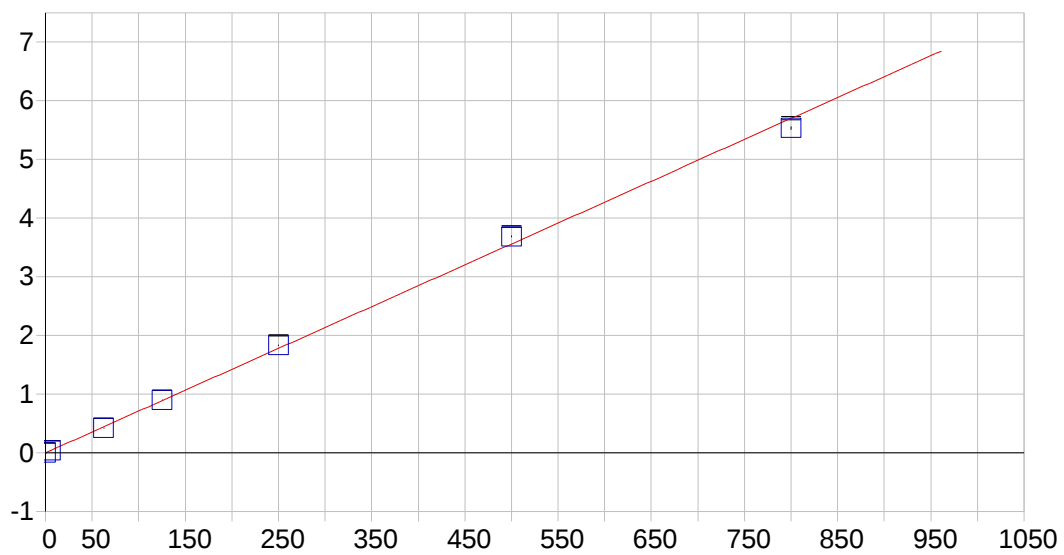


Mn 257.610 {131}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.444540 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.000393
 Predicted MQL: 0.001311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01500	.01621	.001	8.07	.00727	.000	1
S2	3.7500	3.7239	-.026	-.697	1.6559	.013	1
S3	7.5000	7.7088	.209	2.78	3.4277	.003	1
S4	15.000	15.182	.182	1.21	6.7506	.009	1
S5	30.000	29.634	-.366	-1.22	13.177	.043	1

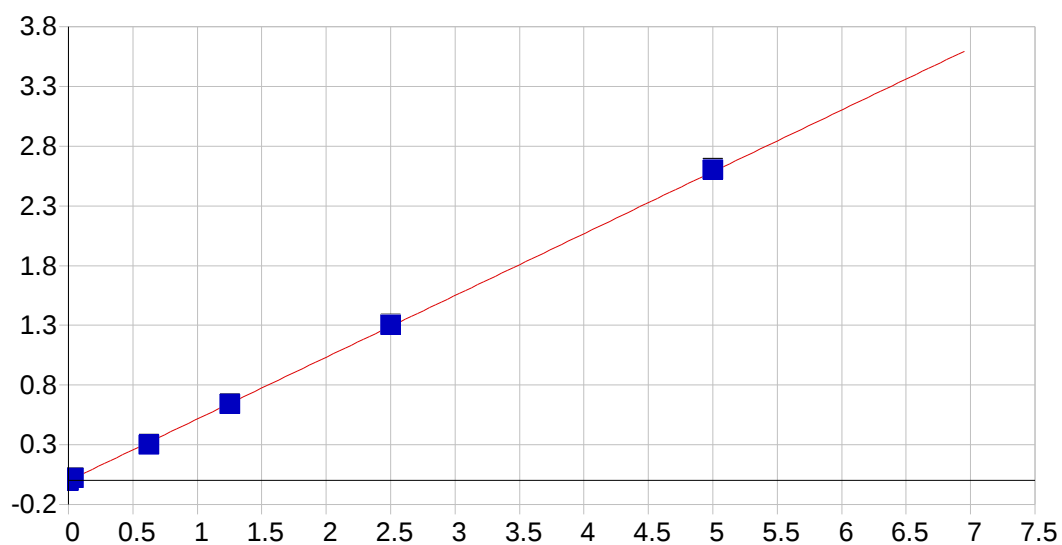


Mg 279.079 {121}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000259 Re-Slope: 1.000000
 A1 (Gain): 0.007124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999519 Status: OK.
 Std Error of Est: 0.000771
 Predicted MDL: 0.025492
 Predicted MQL: 0.084974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00026	.000	1
S1	5.0000	5.0194	.019	.387	.03550	.000	1
S2	62.500	59.161	-3.34	-5.34	.42122	.003	1
S3	125.00	126.11	1.11	.885	.89815	.001	1
S4	250.00	257.41	7.41	2.96	1.8336	.007	1
S5	500.00	517.59	17.6	3.52	3.6872	.015	1
S6	800.00	777.21	-22.8	-2.85	5.5368	.029	1

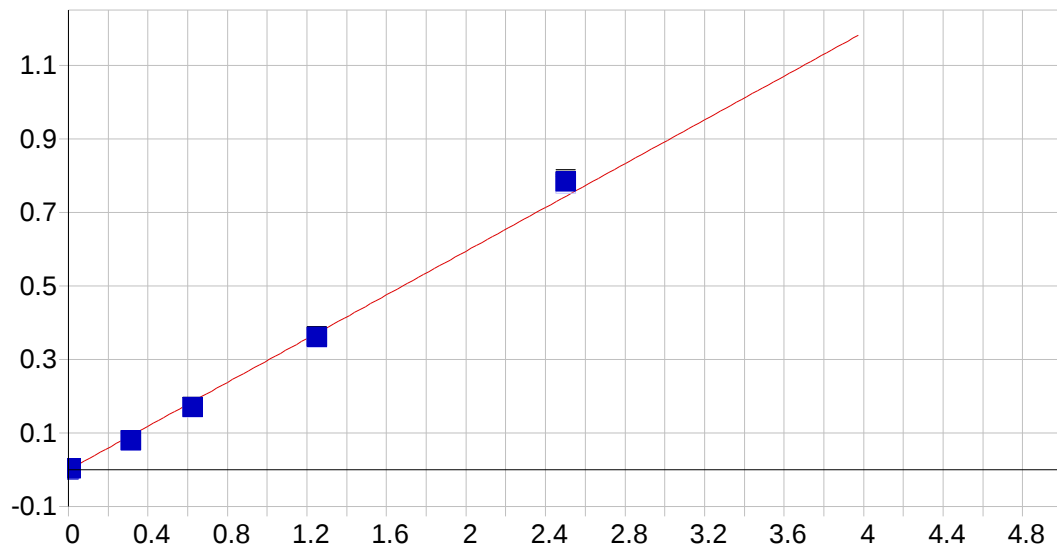


Ni 231.604 {446}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000945 Re-Slope: 1.000000
 A1 (Gain): 0.517149 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000222
 Predicted MDL: 0.000308
 Predicted MQL: 0.001028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.04000	.03760	-.002	-6.01	.01851	.000	1
S2	.62500	.58573	-.039	-6.28	.30263	.001	1
S3	1.2500	1.2393	-.011	-.853	.64130	.001	1
S4	2.5000	2.5217	.022	.867	1.3058	.004	1
S5	5.0000	5.0307	.031	.613	2.6060	.008	1

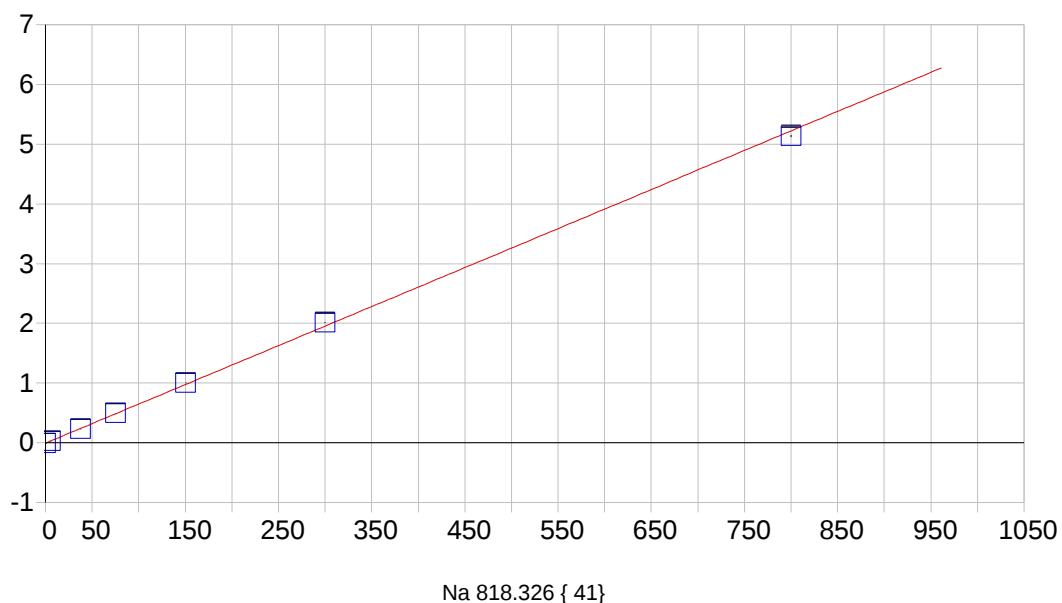


Ag 328.068 {103}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000432 Re-Slope: 1.000000
 A1 (Gain): 0.297369 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997899 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000328
 Predicted MQL: 0.001093

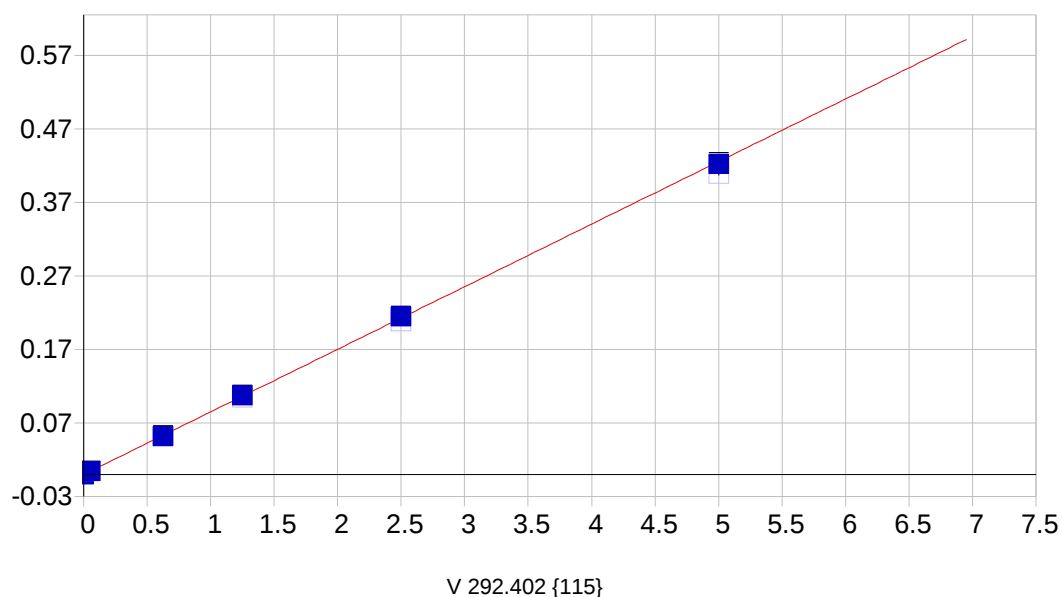
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.01000	.01151	.002	15.1	.00297	.000	1
S2	.31250	.26765	-.045	-14.4	.07852	.000	1
S3	.62500	.57159	-.053	-8.55	.16827	.000	1
S4	1.2500	1.2127	-.037	-2.98	.35766	.003	1
S5	2.5000	2.6340	.134	5.36	.77777	.006	1



Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005528 Re-Slope: 1.000000
 A1 (Gain): 0.006532 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000425
 Predicted MDL: 0.164489
 Predicted MQL: 0.548296

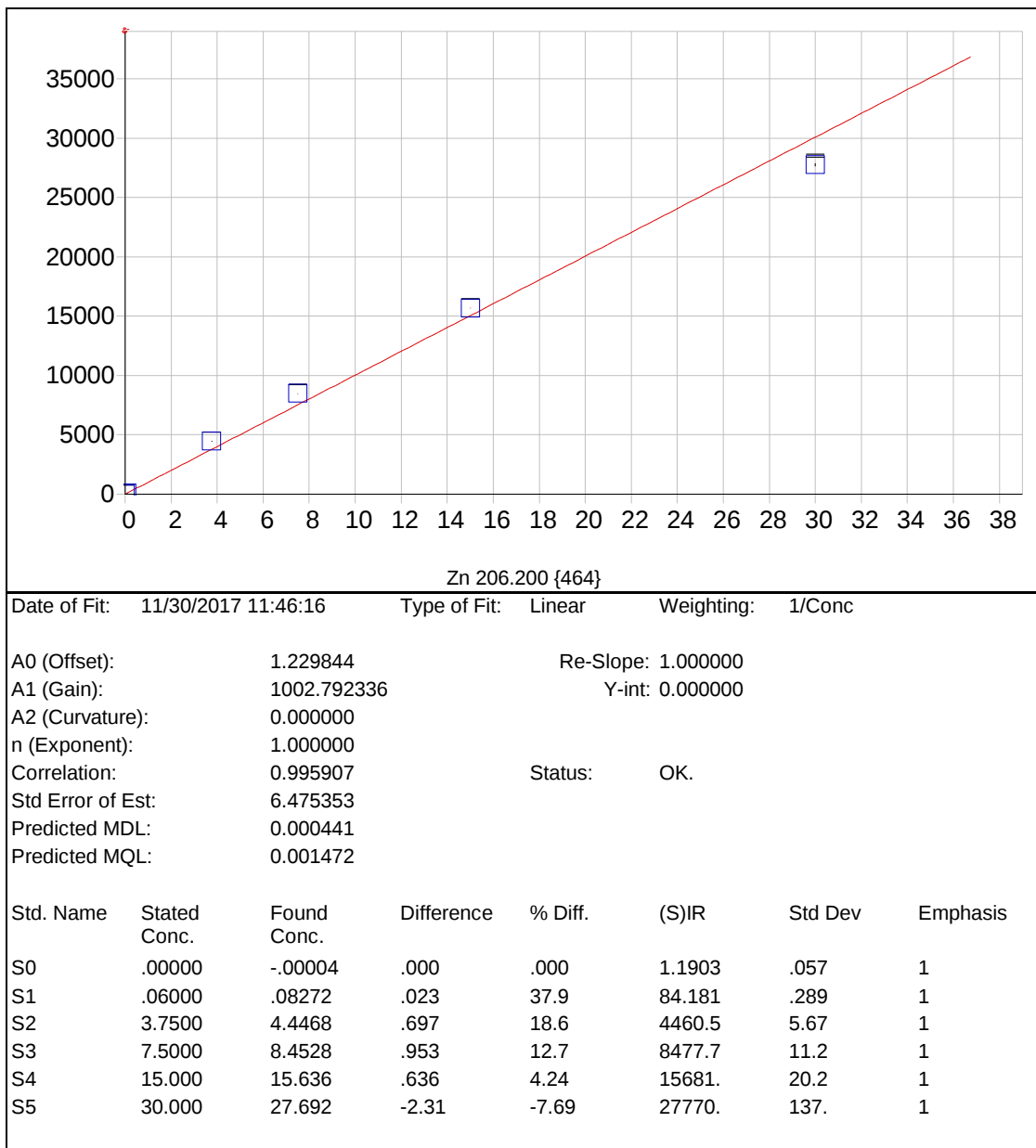
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	.000	.000	-.00553	.001	1
S1	5.0000	5.1323	.132	2.65	.02800	.001	1
S2	37.500	36.245	-1.25	-3.35	.23123	.002	1
S3	75.000	76.300	1.30	1.73	.49288	.001	1
S4	150.00	153.87	3.87	2.58	.99954	.001	1
S5	300.00	308.50	8.50	2.83	2.0096	.010	1
S6	800.00	787.46	-12.5	-1.57	5.1383	.019	1

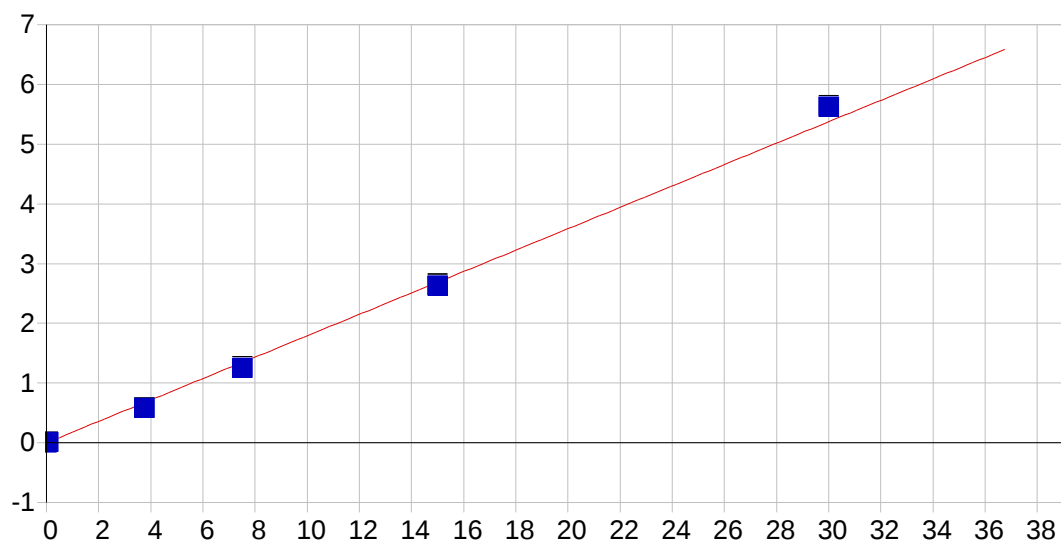


Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.085099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002414
 Predicted MQL: 0.008046

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.05000	.05363	.004	7.26	.00449	.000	1
S2	.62500	.61443	-.011	-1.69	.05047	.000	1
S3	1.2500	1.2654	.015	1.23	.10411	.001	1
S4	2.5000	2.5277	.028	1.11	.20803	.000	1
S5	5.0000	4.9637	-.036	-.727	.40831	.002	1



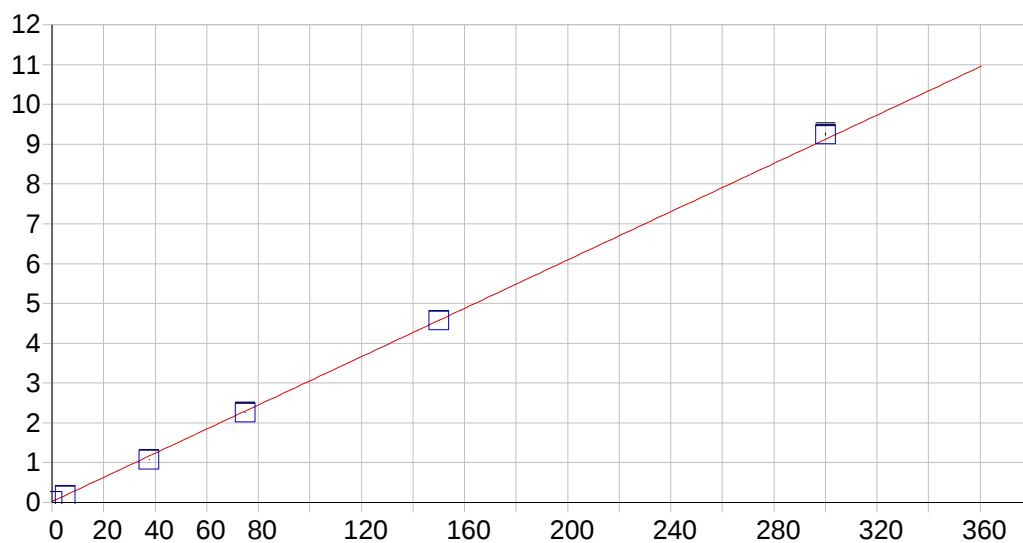


Zn 213.856 {158}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.179170 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998464 Status: OK.
 Std Error of Est: 0.000709
 Predicted MDL: 0.002501
 Predicted MQL: 0.008336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00016	.000	1
S1	.06000	.05666	-.003	-5.56	.01002	.000	1
S2	3.7500	3.2461	-.504	-13.4	.58324	.004	1
S3	7.5000	6.9784	-.522	-6.95	1.2538	.025	1
S4	15.000	14.660	-.340	-2.26	2.6338	.033	1
S5	30.000	31.369	1.37	4.56	5.6346	.019	1

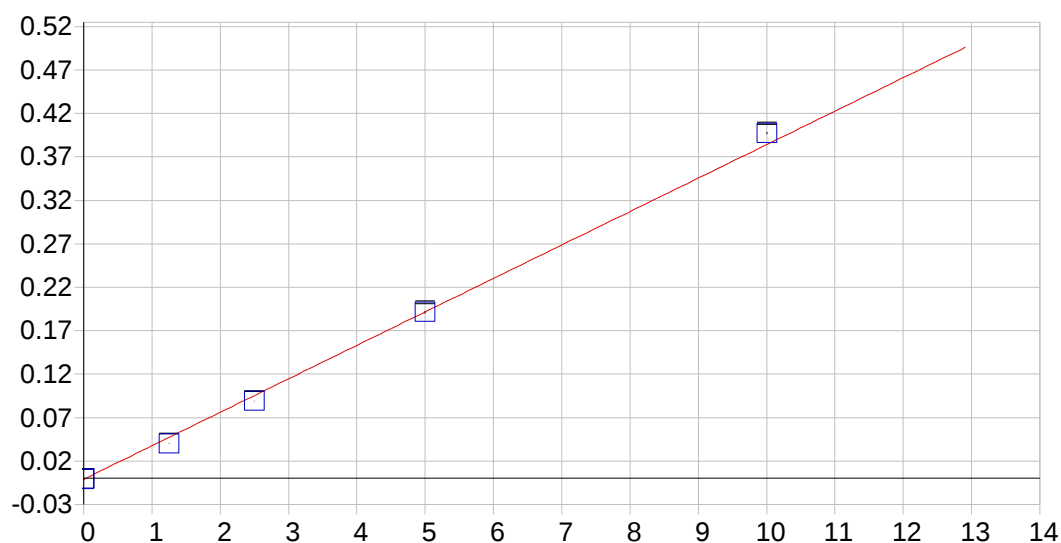


K 769.896 { 44}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.022847	Re-Slope: 1.000000
A1 (Gain):	0.030335	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999750	Status: OK.
Std Error of Est:	0.001397	
Predicted MDL:	0.037017	
Predicted MQL:	0.123391	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00042	.000	.000	.02286	.001	1
S1	5.0000	4.9658	-.034	-.685	.17349	.002	1
S2	37.500	34.715	-2.78	-7.43	1.0759	.004	1
S3	75.000	73.821	-1.18	-1.57	2.2623	.015	1
S4	150.00	149.84	-.156	-.104	4.5684	.008	1
S5	300.00	304.15	4.15	1.38	9.2495	.039	1

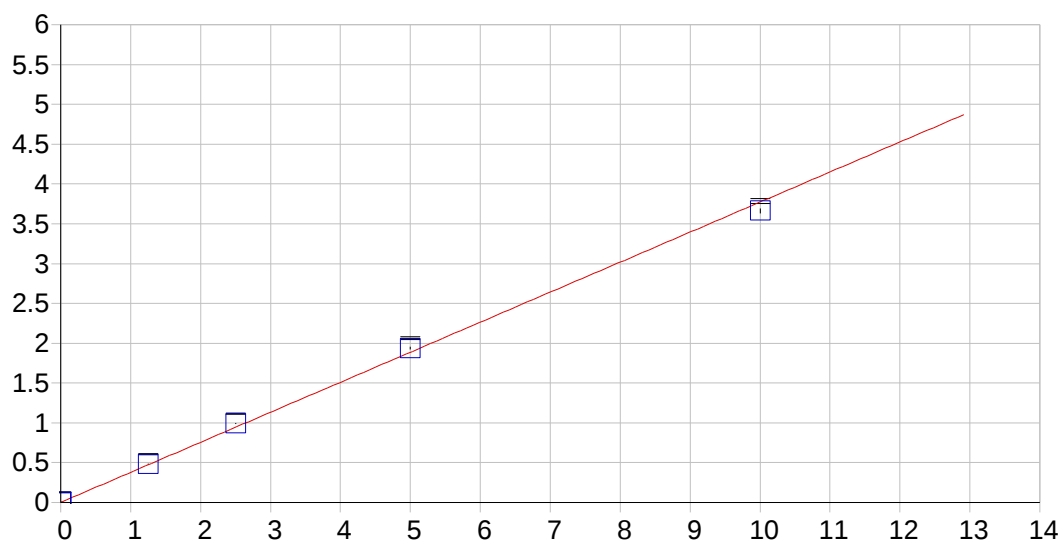


P 177.495 {490}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000901 Re-Slope: 1.000000
 A1 (Gain): 0.038513 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998688 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002037
 Predicted MQL: 0.006791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.01000	.01162	.002	16.2	-.00045	.000	1
S2	1.2500	1.0668	-.183	-14.7	.04018	.000	1
S3	2.5000	2.3415	-.158	-6.34	.08928	.000	1
S4	5.0000	4.9917	-.008	-.165	.19135	.001	1
S5	10.000	10.348	.348	3.48	.39764	.001	1

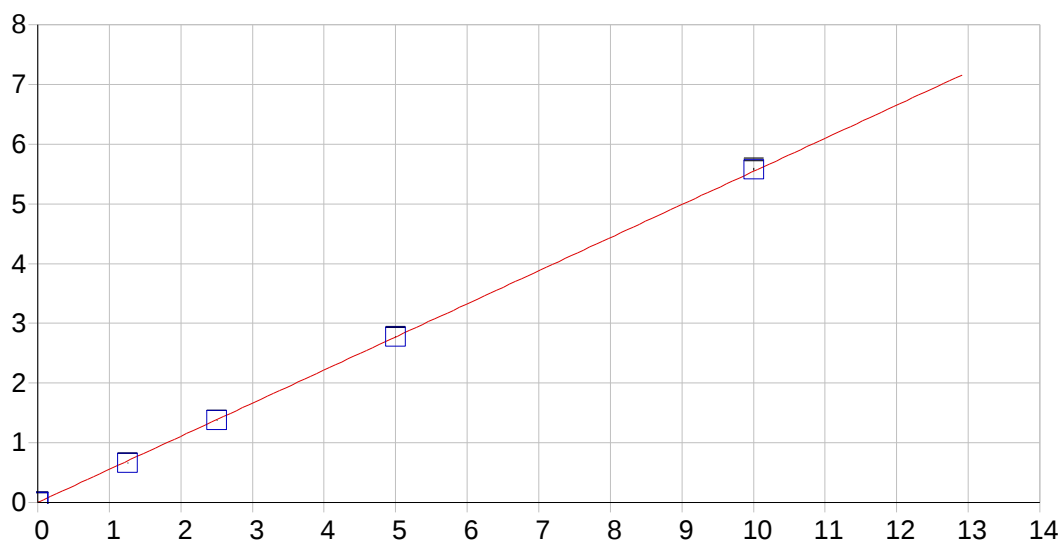


B 249.678 {135}

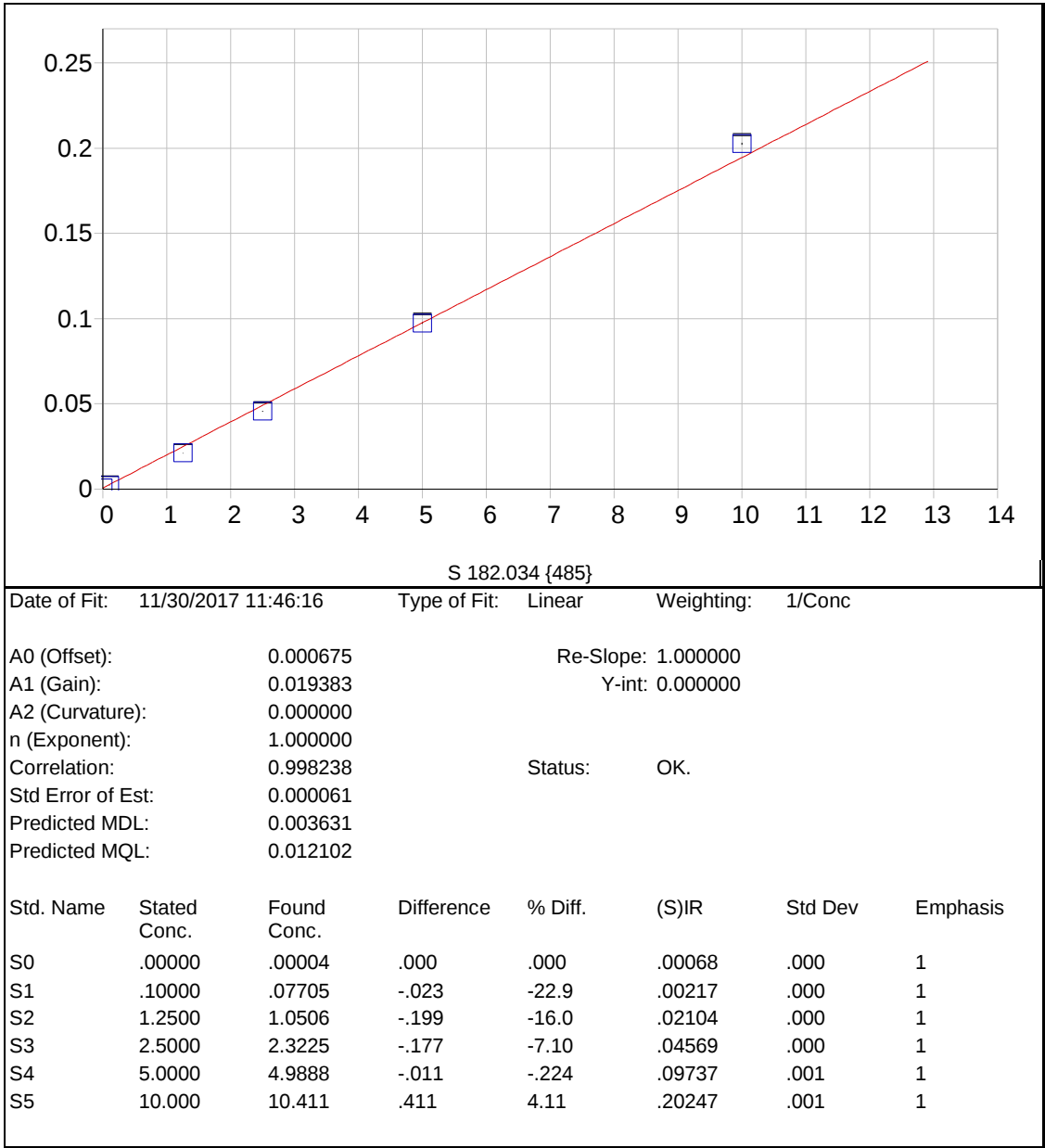
Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

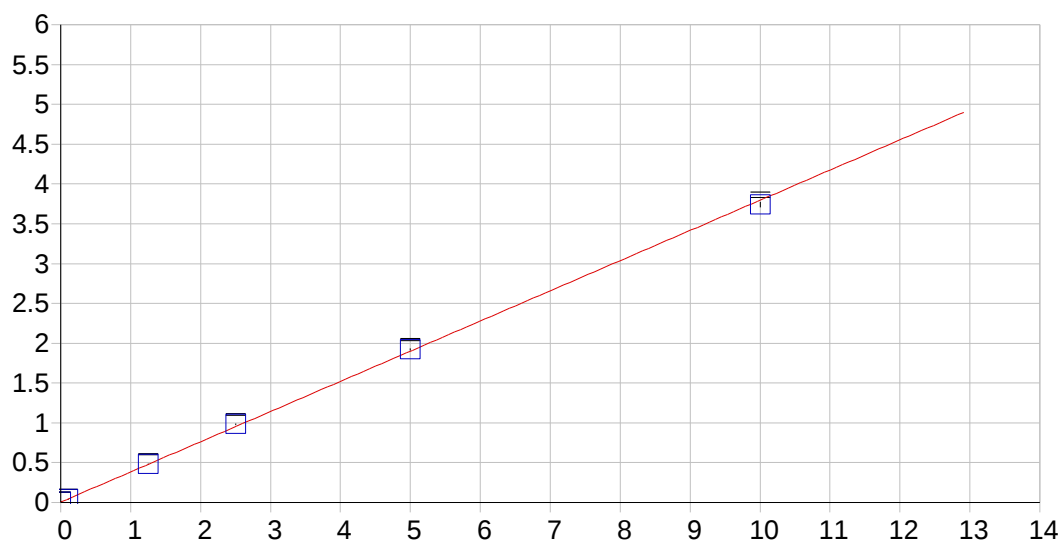
A0 (Offset): 0.001431 Re-Slope: 1.000000
 A1 (Gain): 0.377140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999476 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.000819
 Predicted MQL: 0.002730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00143	.000	1
S1	.01000	.01060	.001	5.98	.00543	.000	1
S2	1.2500	1.2787	.029	2.29	.48367	.007	1
S3	2.5000	2.6288	.129	5.15	.99285	.009	1
S4	5.0000	5.1361	.136	2.72	1.9385	.015	1
S5	10.000	9.7058	-.294	-2.94	3.6619	.031	1



Mo 202.030 {467}							
Date of Fit:		11/30/2017 11:46:16		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.000485		Re-Slope: 1.000000			
A1 (Gain):		0.554307		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999930		Status:	OK.		
Std Error of Est:		0.000110					
Predicted MDL:		0.000266					
Predicted MQL:		0.000887					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.01000	.01031	.000	3.06	.00620	.000	1
S2	1.2500	1.1985	-.052	-4.12	.66481	.001	1
S3	2.5000	2.4838	-.016	-.648	1.3773	.003	1
S4	5.0000	5.0049	.005	.097	2.7747	.011	1
S5	10.000	10.063	.063	.626	5.5782	.021	1



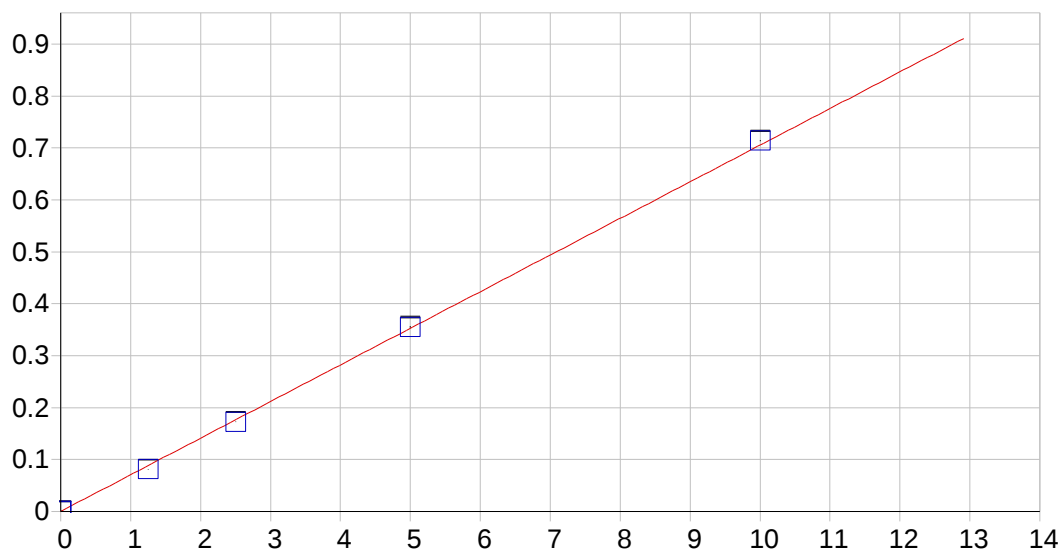


Si 251.611 {134}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004834 Re-Slope: 1.000000
 A1 (Gain): 0.379072 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000340
 Predicted MDL: 0.000838
 Predicted MQL: 0.002795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00483	.000	1
S1	.10000	.09942	-.001	-.585	.04252	.000	1
S2	1.2500	1.2571	.007	.571	.48138	.005	1
S3	2.5000	2.5780	.078	3.12	.98209	.010	1
S4	5.0000	5.0616	.062	1.23	1.9235	.014	1
S5	10.000	9.8538	-.146	-1.46	3.7401	.035	1

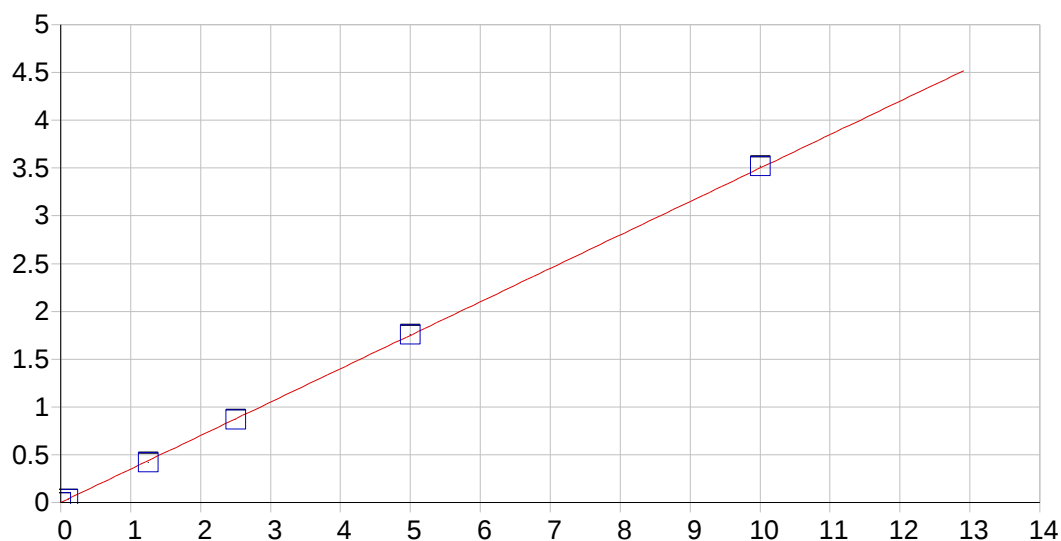


Sn 189.989 {478}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.070513 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999680 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.001001
 Predicted MQL: 0.003335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.00700	.00612	-.001	-12.6	.00063	.000	1
S2	1.2500	1.1453	-.105	-8.37	.08096	.000	1
S3	2.5000	2.4436	-.056	-2.26	.17251	.001	1
S4	5.0000	5.0344	.034	.688	.35519	.002	1
S5	10.000	10.128	.128	1.28	.71432	.001	1

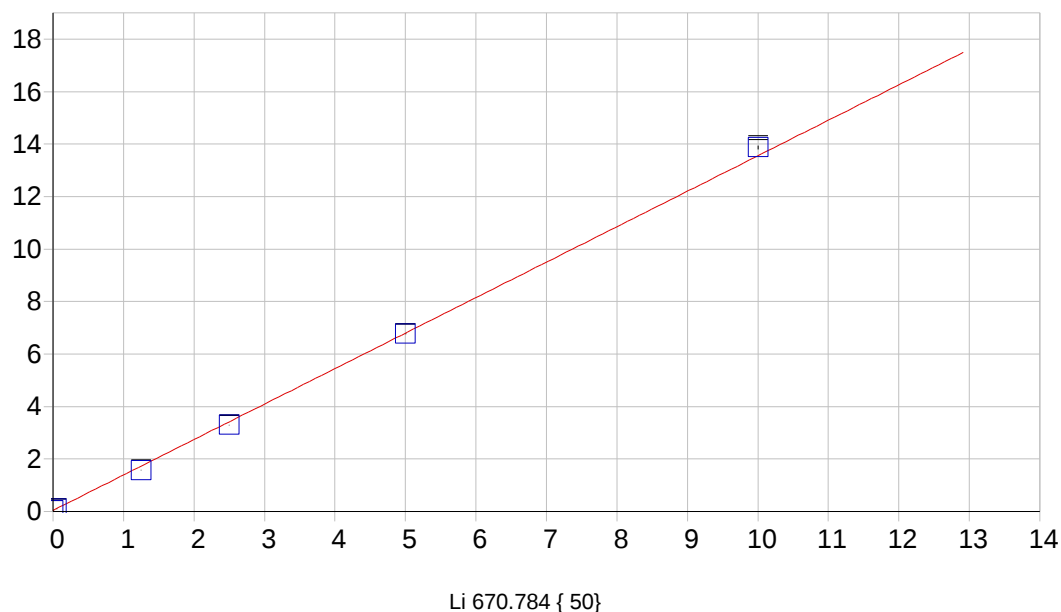


Ti 336.121 {100}

Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000443 Re-Slope: 1.000000
 A1 (Gain): 0.349920 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000226
 Predicted MDL: 0.000939
 Predicted MQL: 0.003130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00044	.000	1
S1	.10000	.09895	-.001	-1.05	.03507	.000	1
S2	1.2500	1.1960	-.054	-4.32	.41896	.003	1
S3	2.5000	2.4839	-.016	-.643	.86962	.004	1
S4	5.0000	5.0182	.018	.365	1.7564	.005	1
S5	10.000	10.053	.053	.529	3.5181	.007	1



Date of Fit: 11/30/2017 11:46:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039868 Re-Slope: 1.000000
 A1 (Gain): 1.351415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999440 Status: OK.
 Std Error of Est: 0.001698
 Predicted MDL: 0.000771
 Predicted MQL: 0.002569

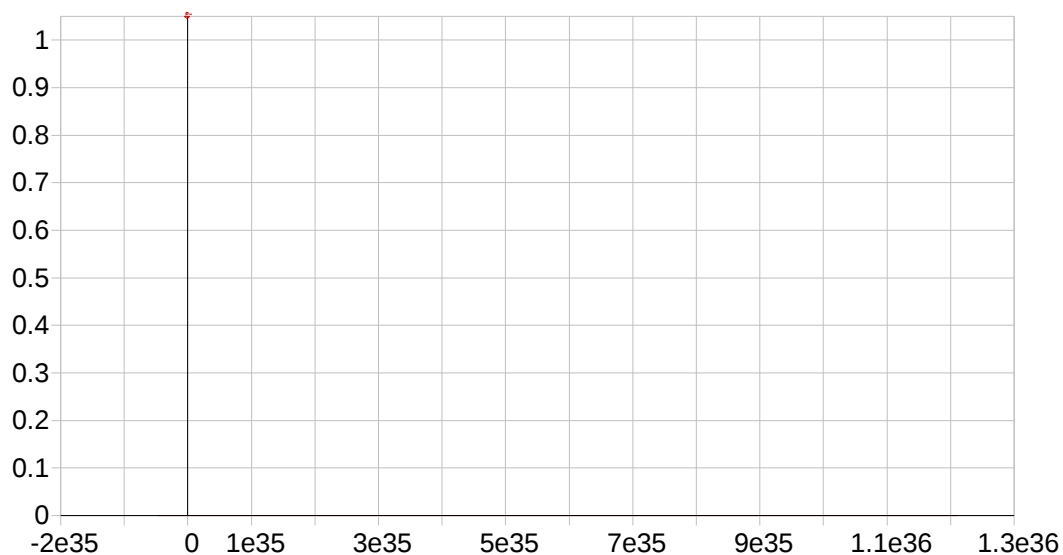
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03989	.001	1
S5	10.000	10.234	.234	2.34	13.870	.072	1
S4	5.0000	4.9827	-.017	-.346	6.7735	.006	1
S3	2.5000	2.4085	-.092	-3.66	3.2947	.011	1
S2	1.2500	1.1319	-.118	-9.45	1.5695	.009	1
S1	.05000	.04286	-.007	-14.3	.09779	.001	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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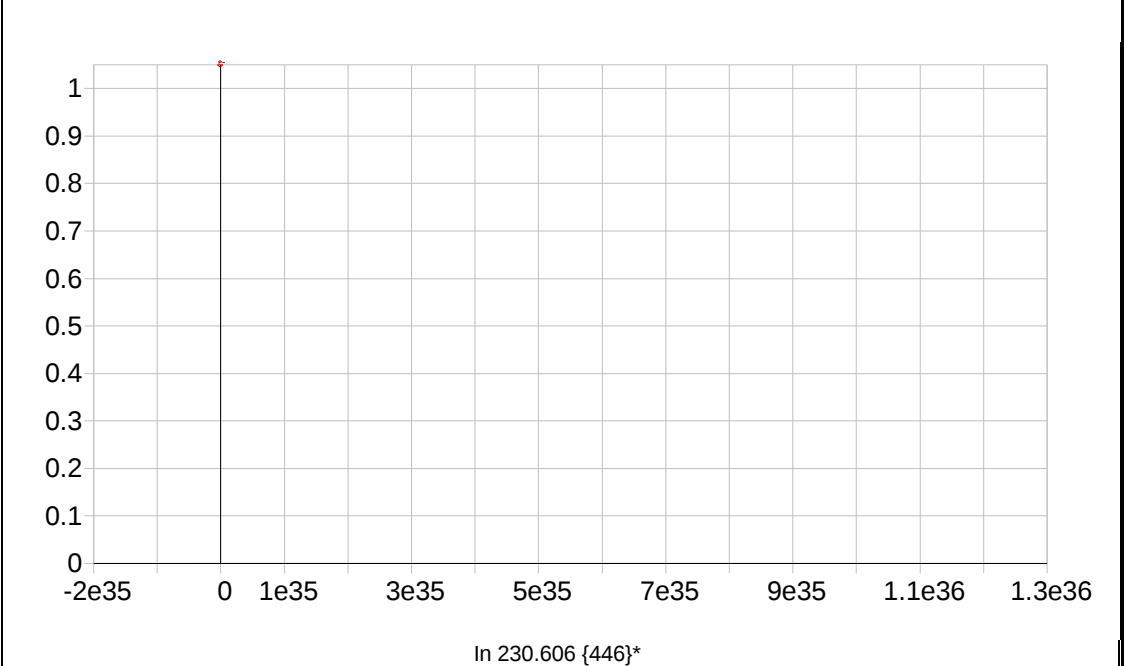
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

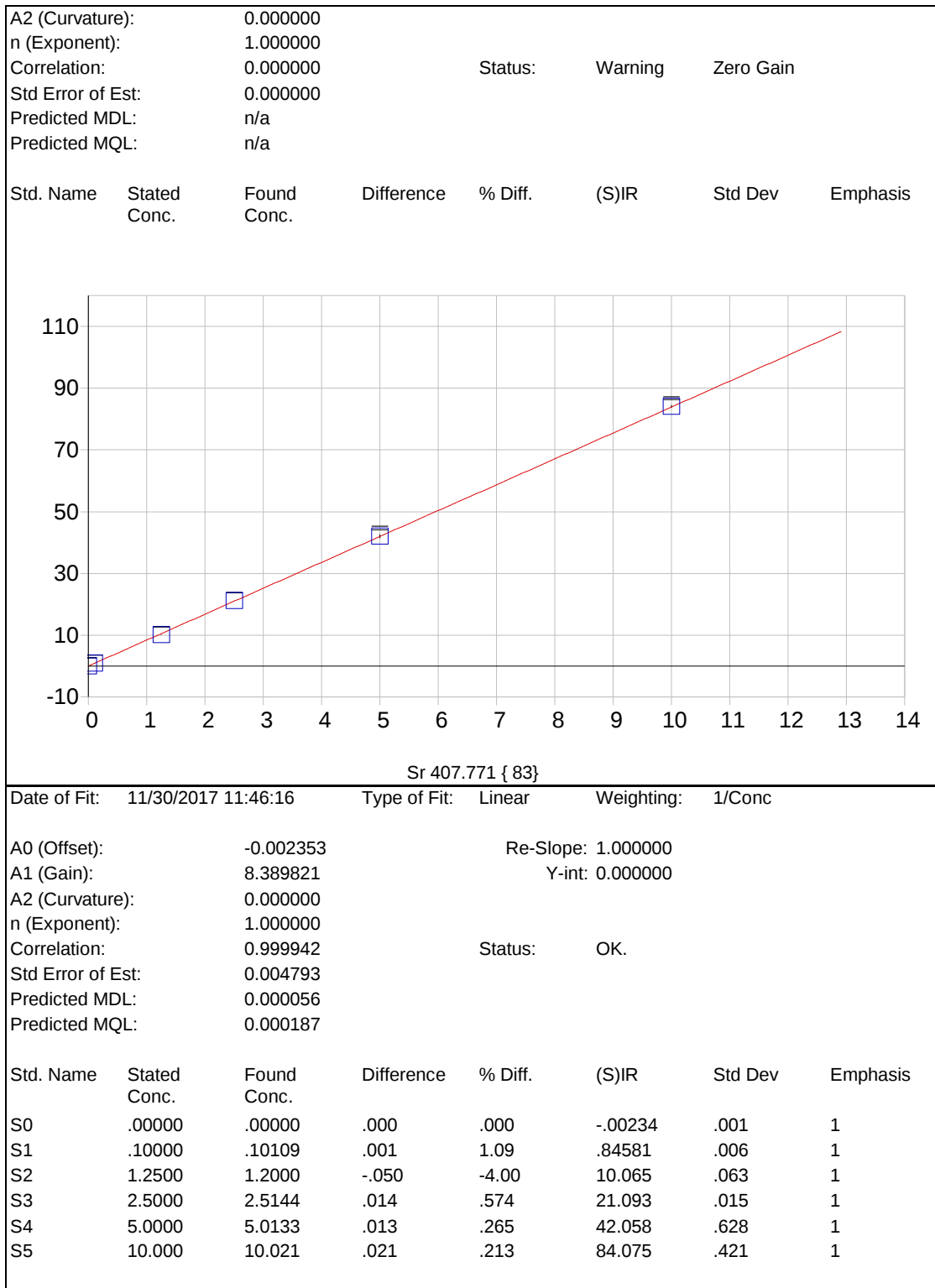
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 11/30/2017 11:12:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	-.00017	-.00031	-.00021	.00010	.00003	.00004	-.01652	-.00187
Stddev	.00009	.00004	.00008	.00005	.00005	.00030	.00092	.00021
%RSD	53.270	13.822	37.699	52.549	165.63	725.31	5.5679	11.061

#1	-.00018	-.00035	-.00012	.00016	-.00002	.00032	-.01656	-.00203
#2	-.00025	-.00031	-.00025	.00006	.00003	-.00027	-.01558	-.00194
#3	-.00007	-.00026	-.00026	.00008	.00009	.00007	-.01741	-.00164

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	.00021	.00147	-.00002	-.00023	.00145	.00002	.00006	-.00026
Stddev	.00009	.00035	.00005	.00016	.00010	.00004	.00014	.00011
%RSD	42.532	23.810	283.20	67.734	6.9028	201.04	222.58	42.353

#1	.00031	.00122	-.00004	-.00038	.00136	.00005	.00017	-.00021
#2	.00017	.00133	-.00006	-.00026	.00143	.00003	-.00010	-.00018
#3	.00014	.00187	.00004	-.00007	.00156	-.00002	.00012	-.00038

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	-.00094	-.00043	-.00553	-.00006	-.00016	.02286	-.00090	.00143
Stddev	.00002	.00008	.00090	.00009	.00035	.00052	.00002	.00032
%RSD	2.1086	19.481	16.219	136.83	215.67	2.2650	2.3898	22.101

#1	-.00094	-.00051	-.00656	.00004	-.00048	.02273	-.00089	.00132
#2	-.00096	-.00035	-.00511	-.00010	.00022	.02343	-.00093	.00118
#3	-.00092	-.00044	-.00492	-.00013	-.00023	.02242	-.00088	.00179

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	.00048	.00068	.00483	.00020	.00044	.03989	-.00234	
Stddev	.00005	.00001	.00007	.00002	.00031	.00092	.00051	
%RSD	10.515	1.6631	1.4392	10.346	70.181	2.2941	21.946	

#1	.00054	.00068	.00485	.00021	.00011	.04057	-.00180	
#2	.00045	.00066	.00476	.00018	.00050	.04023	-.00282	
#3	.00046	.00068	.00489	.00021	.00073	.03885	-.00240	

Sample Name: S0 Acquired: 11/30/2017 11:12:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	2049.6	3213.6	48947.	7957.3	4823.5
Stddev	8.4	18.2	114.	29.6	17.1
%RSD	.40774	.56539	.23290	.37252	.35442
#1	2042.3	3194.8	48819.	7935.2	4807.3
#2	2058.7	3215.1	48982.	7991.0	4821.7
#3	2047.9	3231.0	49039.	7945.6	4841.3

Sample Name: S1 Acquired: 11/30/2017 11:16:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.00028	.00132	.00132	.00165	.00918	.01694	.98675	.01639
Stddev	.00008	.00011	.00015	.00004	.00016	.00039	.00240	.00012
%RSD	28.802	8.6544	11.075	2.4625	1.7125	2.2790	.24332	.71641

#1	.00019	.00145	.00120	.00166	.00921	.01655	.98871	.01630
#2	.00033	.00127	.00148	.00161	.00932	.01693	.98748	.01635
#3	.00033	.00123	.00127	.00169	.00901	.01732	.98407	.01652

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	.00713	.28029	.00152	.03266	.00702	.00241	.00727	.03550
Stddev	.00012	.00038	.00009	.00004	.00016	.00011	.00004	.00026
%RSD	1.7400	.13478	5.6583	.12617	2.2940	4.7126	.53619	.71993

#1	.00727	.28019	.00146	.03268	.00688	.00228	.00723	.03559
#2	.00703	.27998	.00149	.03269	.00699	.00246	.00731	.03521
#3	.00708	.28071	.00162	.03261	.00719	.00249	.00727	.03570

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	.01851	.00297	.02800	.00449	.01002	.17349	-.00045	.00543
Stddev	.00008	.00005	.00137	.00012	.00029	.00177	.00005	.00014
%RSD	.43097	1.8014	4.9111	2.5978	2.8538	1.0195	11.548	2.6449

#1	.01858	.00302	.02742	.00463	.00999	.17342	-.00045	.00537
#2	.01853	.00298	.02957	.00440	.00976	.17175	-.00040	.00559
#3	.01842	.00292	.02701	.00445	.01033	.17529	-.00051	.00532

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	.00620	.00217	.04252	.00063	.03507	.09779	.84581	
Stddev	.00005	.00007	.00038	.00007	.00027	.00099	.00561	
%RSD	.86274	3.4197	.90172	11.642	.77089	1.0175	.66287	

#1	.00625	.00208	.04223	.00070	.03490	.09846	.85165	
#2	.00620	.00221	.04237	.00055	.03538	.09826	.84532	
#3	.00614	.00221	.04296	.00064	.03493	.09665	.84047	

Sample Name: S1 Acquired: 11/30/2017 11:16:27 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	1992.8	3192.3	47474.	7932.1	4664.4
Stddev	9.3	9.7	130.	24.5	8.6
%RSD	.46614	.30363	.27484	.30927	.18450
#1	1982.4	3183.8	47378.	7940.3	4658.4
#2	2000.4	3190.1	47622.	7951.4	4660.7
#3	1995.6	3202.9	47420.	7904.5	4674.3

Sample Name: S2 Acquired: 11/30/2017 11:20:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.04654	.08032	.91539	.05114	.18766	2.9748	11.716	.41441
Stddev	.00010	.00041	.00136	.00013	.00030	.0223	.065	.00510
%RSD	.22534	.50841	.14838	.26363	.16172	.74912	.55360	1.2316

#1	.04666	.08064	.91660	.05099	.18799	2.9502	11.645	.40932
#2	.04646	.07986	.91392	.05125	.18740	2.9806	11.771	.41439
#3	.04649	.08046	.91566	.05118	.18759	2.9936	11.733	.41953

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	.85744	3.3023	.55279	.41657	.70863	.74554	1.6559	.42122
Stddev	.00150	.0318	.00353	.00074	.00371	.00541	.0128	.00324
%RSD	.17510	.96223	.63933	.17666	.52318	.72619	.77150	.77015

#1	.85867	3.2664	.54882	.41737	.70455	.73967	1.6423	.41755
#2	.85577	3.3137	.55399	.41639	.70956	.74660	1.6577	.42243
#3	.85789	3.3268	.55558	.41593	.71179	.75034	1.6676	.42369

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	.30263	.07852	.23123	.05047	.58324	1.0759	.04018	.48367
Stddev	.00055	.00049	.00151	.00049	.00425	.0036	.00022	.00704
%RSD	.18012	.62122	.65259	.97518	.72857	.33100	.54249	1.4564

#1	.30325	.07803	.22950	.05016	.58805	1.0719	.04012	.47655
#2	.30243	.07900	.23194	.05021	.58171	1.0775	.04000	.48383
#3	.30221	.07854	.23225	.05104	.57998	1.0785	.04043	.49064

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	.66481	.02104	.48138	.08096	.41896	1.5695	10.065	
Stddev	.00084	.00008	.00543	.00021	.00340	.0087	.063	
%RSD	.12679	.37181	1.1285	.26523	.81100	.55412	.62179	

#1	.66413	.02095	.47613	.08121	.41520	1.5610	9.9934	
#2	.66455	.02106	.48104	.08082	.41988	1.5784	10.109	
#3	.66575	.02111	.48698	.08085	.42180	1.5691	10.093	

Sample Name: S2 Acquired: 11/30/2017 11:20:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1918.6	3004.3	45136.	7996.2	4000.7
Stddev	17.6	1.2	84.	61.7	7.3
%RSD	.91937	.04145	.18642	.77217	.18355
#1	1898.3	3004.2	45041.	8048.7	3992.5
#2	1926.8	3005.6	45163.	8011.6	4006.8
#3	1930.6	3003.1	45203.	7928.2	4002.6

Sample Name: S3 Acquired: 11/30/2017 11:24:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.09902	.16398	1.9275	.10701	.39564	6.3339	24.567	.86443
Stddev	.00034	.00064	.0040	.00011	.00042	.0259	.173	.00851
%RSD	.34431	.38867	.20491	.10466	.10535	.40833	.70538	.98453

#1	.09863	.16326	1.9260	.10690	.39529	6.3599	24.740	.85608
#2	.09923	.16449	1.9245	.10712	.39610	6.3081	24.393	.87310
#3	.09920	.16419	1.9320	.10702	.39553	6.3337	24.568	.86412

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	1.8254	6.9077	1.1342	.88952	1.4912	1.5443	3.4277	.89815
Stddev	.0030	.0115	.0057	.00213	.0136	.0034	.0026	.00106
%RSD	.16669	.16682	.50197	.23942	.90916	.21952	.07608	.11841

#1	1.8237	6.8991	1.1298	.88868	1.5063	1.5456	3.4267	.89731
#2	1.8235	6.9033	1.1406	.88794	1.4801	1.5469	3.4306	.89780
#3	1.8289	6.9208	1.1321	.89194	1.4872	1.5405	3.4257	.89934

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	.64130	.16827	.49288	.10411	1.2538	2.2623	.08928	.99285
Stddev	.00125	.00031	.00147	.00056	.0246	.0154	.00036	.00932
%RSD	.19428	.18652	.29742	.54064	1.9593	.67931	.40674	.93830

#1	.64033	.16791	.49455	.10461	1.2789	2.2793	.08897	.98265
#2	.64087	.16840	.49182	.10350	1.2298	2.2581	.08968	1.0009
#3	.64271	.16850	.49226	.10422	1.2527	2.2494	.08919	.99499

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	1.3773	.04569	.98209	.17251	.86962	3.2947	21.093	
Stddev	.0032	.00025	.01001	.00070	.00359	.0113	.015	
%RSD	.22994	.55194	1.0188	.40306	.41277	.34189	.07141	

#1	1.3738	.04540	.97079	.17179	.86893	3.3058	21.110	
#2	1.3781	.04587	.98981	.17255	.87350	3.2833	21.086	
#3	1.3799	.04580	.98567	.17318	.86642	3.2950	21.082	

Sample Name: S3 Acquired: 11/30/2017 11:24:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1770.1	2790.1	42135.	7618.4	3580.8
Stddev	20.7	2.3	84.	32.4	3.4
%RSD	1.1687	.08112	.19909	.42580	.09557
#1	1749.7	2792.3	42056.	7649.7	3579.4
#2	1791.1	2790.3	42125.	7584.9	3584.7
#3	1769.6	2787.8	42223.	7620.7	3578.4

Sample Name: S4 Acquired: 11/30/2017 11:28:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.20695	.32529	3.9509	.22041	.81887	12.956	48.832	1.7315
Stddev	.00071	.00172	.0132	.00028	.00227	.016	.534	.0134
%RSD	.34146	.53019	.33319	.12881	.27777	.12395	1.0932	.77580

#1	.20718	.32664	3.9591	.22018	.82079	12.955	48.347	1.7380
#2	.20616	.32335	3.9357	.22032	.81636	12.940	49.404	1.7404
#3	.20752	.32587	3.9578	.22073	.81947	12.972	48.744	1.7160

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	3.7443	13.951	2.2388	1.8323	2.9704	3.0365	6.7506	1.8336
Stddev	.0151	.031	.0033	.0076	.0108	.0076	.0090	.0073
%RSD	.40219	.22061	.14671	.41596	.36400	.25206	.13319	.39766

#1	3.7489	13.941	2.2380	1.8331	2.9755	3.0288	6.7485	1.8302
#2	3.7275	13.985	2.2360	1.8243	2.9580	3.0441	6.7604	1.8420
#3	3.7565	13.926	2.2424	1.8395	2.9777	3.0365	6.7428	1.8286

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	1.3058	.35766	.99954	.20803	2.6338	4.5684	.19135	1.9385
Stddev	.0039	.00252	.00082	.00021	.0328	.0079	.00137	.0152
%RSD	.29491	.70456	.08226	.10185	1.2457	.17270	.71649	.78305

#1	1.3083	.35699	.99931	.20802	2.6096	4.5672	.19219	1.9467
#2	1.3014	.35555	1.0005	.20825	2.6206	4.5612	.18976	1.9477
#3	1.3077	.36045	.99886	.20782	2.6711	4.5768	.19208	1.9210

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	2.7747	.09737	1.9235	.35519	1.7564	6.7735	42.058	
Stddev	.0110	.00055	.0143	.00162	.0054	.0057	.628	
%RSD	.39536	.56411	.74442	.45672	.30966	.08435	1.4925	

#1	2.7763	.09799	1.9289	.35623	1.7547	6.7694	41.543	
#2	2.7630	.09694	1.9344	.35332	1.7625	6.7711	42.757	
#3	2.7848	.09719	1.9073	.35602	1.7521	6.7801	41.874	

Sample Name: S4 Acquired: 11/30/2017 11:28:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1652.6	2611.0	40072.	7516.6	3231.7
Stddev	12.6	7.0	256.	42.4	8.1
%RSD	.76290	.26739	.63861	.56433	.25169
#1	1662.2	2608.1	40208.	7511.7	3227.3
#2	1657.4	2618.9	40231.	7476.9	3241.0
#3	1638.3	2605.9	39776.	7561.3	3226.6

Sample Name: S5 Acquired: 11/30/2017 11:32:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.43555	.62917	7.9515	.45413	1.7256	26.380	97.300	3.4567
Stddev	.00185	.00064	.0212	.00275	.0065	.144	1.851	.0275
%RSD	.42563	.10156	.26705	.60563	.37658	.54528	1.9027	.79447

#1	.43386	.62845	7.9555	.45147	1.7196	26.493	97.858	3.4674
#2	.43526	.62966	7.9285	.45395	1.7247	26.218	95.234	3.4255
#3	.43753	.62941	7.9704	.45697	1.7325	26.428	98.808	3.4772

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	7.4999	27.723	4.3726	3.7094	5.9283	5.8900	13.177	3.6872
Stddev	.0114	.116	.0399	.0120	.0306	.0177	.043	.0153
%RSD	.15162	.41816	.91355	.32230	.51624	.30118	.32685	.41513

#1	7.4982	27.791	4.4162	3.7078	5.9499	5.9006	13.210	3.6965
#2	7.4894	27.589	4.3379	3.6983	5.8932	5.8695	13.128	3.6695
#3	7.5120	27.789	4.3637	3.7221	5.9416	5.8999	13.192	3.6955

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	2.6060	.77777	2.0096	.40831	5.6346	9.2495	.39764	3.6619
Stddev	.0081	.00631	.0104	.00170	.0191	.0389	.00125	.0315
%RSD	.31282	.81143	.51661	.41609	.33875	.42033	.31373	.85956

#1	2.6025	.78505	2.0154	.40972	5.6369	9.2736	.39628	3.6654
#2	2.6001	.77385	1.9976	.40642	5.6525	9.2047	.39872	3.6288
#3	2.6153	.77441	2.0158	.40878	5.6145	9.2702	.39793	3.6915

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	5.5782	.20247	3.7401	.71432	3.5181	13.870	84.075	
Stddev	.0206	.00056	.0353	.00112	.0072	.072	.421	
%RSD	.36885	.27772	.94322	.15679	.20542	.51736	.50028	

#1	5.5572	.20189	3.7507	.71336	3.5255	13.927	84.541	
#2	5.5791	.20301	3.7008	.71405	3.5111	13.790	83.961	
#3	5.5983	.20251	3.7690	.71555	3.5178	13.895	83.723	

Sample Name: S5 Acquired: 11/30/2017 11:32:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1491.4	2375.9	37637.	7412.8	2875.5
Stddev	6.0	15.9	264.	39.3	18.3
%RSD	.40298	.66905	.70145	.53052	.63710
#1	1490.4	2388.0	37344.	7397.1	2883.5
#2	1486.0	2381.8	37709.	7457.5	2888.4
#3	1497.9	2357.9	37857.	7383.6	2854.5

Sample Name: S6 Acquired: 11/30/2017 11:36:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	64.285	43.625	14.289	5.5368	5.1383
Stddev	.754	.081	.061	.0288	.0185
%RSD	1.1729	.18680	.42552	.51962	.36049

#1	64.809	43.712	14.330	5.5622	5.1532
#2	64.624	43.612	14.317	5.5426	5.1441
#3	63.421	43.550	14.219	5.5055	5.1176

Int. Std.	Y_3710
Units	Cts/S
Avg	7471.6
Stddev	59.2
%RSD	.79222

#1	7411.5
#2	7473.4
#3	7529.9

Sample Name: ICV Acquired: 11/30/2017 11:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9773992	1.127459	1.027589	1.008428	.9719225	2.455441
Stddev	.0025894	.008190	.004103	.005350	.0053093	.011119
%RSD	.2649278	.7264528	.3993137	.5305171	.5462652	.4528369

#1	.9758047	1.130190	1.031737	1.006801	.9657990	2.464839
#2	.9760060	1.133936	1.023532	1.014403	.9752393	2.443166
#3	.9803869	1.118252	1.027497	1.004081	.9747293	2.458318

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5213974	.5026904	.4832976	10.43982	.5335284	.4937092
Stddev	.0011289	.0047621	.0006237	.03715	.0023177	.0006064
%RSD	.2165068	.9473167	.1290487	.3558126	.4344200	.1228267

#1	.5222998	.5053080	.4834306	10.41382	.5336555	.4944094
#2	.5201316	.4971937	.4826181	10.42329	.5311497	.4933563
#3	.5217609	.5055695	.4838440	10.48237	.5357799	.4933620

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5133785	5.257442	.5460768	5.987265	.5003194	F .5817355
Stddev	.0026845	.018398	.0002763	.042552	.0012172	.0006536
%RSD	.5229126	.3499490	.0505919	.7107109	.2432751	.1123565

#1	.5161126	5.277673	.5463121	6.031960	.5015638	.5824701
#2	.5107465	5.241712	.5461458	5.947242	.4991315	.5815181
#3	.5132762	5.252942	.5457726	5.982592	.5002629	.5812182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29038	.5296055	.9600376	9.599574	F -.008212	F -.010951
Stddev	.15154	.0038101	.0099459	.039832	.000177	.000527
%RSD	1.472610	.7194205	1.035991	.4149327	2.153163	4.810369

#1	10.13710	.5337417	.9534613	9.644765	-.008399	-.010455
#2	10.44011	.5288359	.9714796	9.584391	-.008188	-.010893
#3	10.29393	.5262391	.9551719	9.569567	-.008048	-.011504

Sample Name: ICV Acquired: 11/30/2017 11:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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 .0002769	.0081464	-.006467	F -.000122	-.000737	.0106358
Stddev	.0001955	.0019411	.000711	.000494	.000596	.0002857
%RSD	70.58692	23.82757	10.99481	403.3502	80.80395	2.686505

#1	.0003883	.0103682	-.007020	-.000690	-.000668	.0109623
#2	.0003912	.0072917	-.005665	.000117	-.001365	.0105137
#3	.0000512	.0067793	-.006715	.000206	-.000179	.0104314

Elem	Sr4077
Units	ppm
Avg	.0123043
Stddev	.0000457
%RSD	.3714451

#1	.0122537
#2	.0123425
#3	.0123167

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.690	3001.106	44469.41	7897.049	4271.854
Stddev	12.323	1.594	166.34	50.189	6.631
%RSD	.6629692	.0531255	.3740597	.6355442	.1552259

#1	1869.916	3002.818	44650.04	7871.020	4265.503
#2	1845.505	3000.836	44322.54	7954.906	4278.733
#3	1860.647	2999.664	44435.65	7865.222	4271.324

Sample Name: ICB Acquired: 11/30/2017 11:47:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0003208	-.001348	.0002373	.0020091	.0005388	-.006093	-.000295
Stddev	.0017438	.000484	.0005613	.0037038	.0006875	.004354	.000093
%RSD	543.5100	35.89947	236.5568	184.3451	127.6018	71.46020	31.61548

#1	-.001050	-.001603	.0002451	.0061709	.0011104	-.011106	-.000391
#2	.002284	-.000790	-.000328	-.000925	-.000224	-.003918	-.000289
#3	-.000272	-.001650	.000795	.000781	.000730	-.003255	-.000205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0000226	-.007604	-.000113	.0000862	.0019926	-.000802
Stddev	.000057	.0000337	.002534	.000176	.0000381	.0005591	.004074
%RSD	8576.928	148.8997	33.32408	156.6476	44.21559	28.05994	507.6483

#1	.000060	.0000257	-.005209	.000020	.0001119	.0026363	.002542
#2	-.000053	.0000546	-.010257	-.000313	.0001043	.0017136	-.005339
#3	-.000009	-.000012	-.007345	-.000045	.0000424	.0016279	.000389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000310	.0124506	-.000054	.0003925	.1067598	.0009547	.0016379
Stddev	.000231	.0108824	.000388	.0000464	.2137984	.0009089	.0008242
%RSD	74.56276	87.40496	712.0155	11.81135	200.2612	95.20596	50.32253

#1	-.000143	.0001036	-.000415	.0004250	-.115633	.0006320	.0008530
#2	-.000212	.0206469	-.000105	.0003394	.125135	.0019810	.0024966
#3	-.000573	.0166013	.000356	.0004132	.310777	.0002511	.0015641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.068631	-.000266	.0012467	-.000231	-.003923	-.009628	-.000365
Stddev	.030489	.000174	.0006466	.000177	.001426	.000292	.001488
%RSD	44.42438	65.34821	51.86503	76.73013	36.35454	3.036035	407.3096

#1	-.044622	-.000446	.0019200	-.000339	-.004472	-.009879	-.001091
#2	-.102935	-.000100	.0006306	-.000327	-.002304	-.009698	-.001351
#3	-.058336	-.000251	.0011895	-.000026	-.004994	-.009307	.001346

Sample Name: ICB Acquired: 11/30/2017 11:47:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002951	.0003833	-.000007
Stddev	.0007265	.0005731	.000017
%RSD	246.1472	149.5417	255.4175

#1	.0011245	.0010422	.000006
#2	-.000229	.0000008	-.000026
#3	-.000010	.0001068	-.000000

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.506	3187.306	47396.12	8200.194	4718.407
Stddev	8.021	13.175	180.67	37.556	15.155
%RSD	.4114280	.4133454	.3811913	.4579907	.3211787

#1	1941.771	3172.140	47271.33	8180.206	4700.912
#2	1948.961	3195.926	47313.73	8176.859	4726.857
#3	1957.785	3193.851	47603.30	8243.517	4727.453

Sample Name: ICSA Acquired: 11/30/2017 11:53:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044369	.0093342	-.000854	-.021254	.0046162	234.5547
Stddev	.0067653	.0011275	.001769	.007675	.0019138	.3066
%RSD	152.4803	12.07949	207.2396	36.10816	41.45705	.1307045

#1	-.000444	.0104642	-.002108	-.029893	.0066179	234.2007
#2	.001595	.0093294	.001170	-.018646	.0044262	234.7355
#3	.012160	.0082091	-.001624	-.015224	.0028046	234.7279

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051498	.0011161	.0034940	237.2732	.0556553	.0010391
Stddev	.0000178	.0000973	.0002147	.3035	.0006736	.0001414
%RSD	.3459327	8.720374	6.144376	.1278907	1.210280	13.60570

#1	.0051381	.0012074	.0035931	237.1135	.0560516	.0008776
#2	.0051411	.0010137	.0032476	237.0830	.0548775	.0011405
#3	.0051703	.0011271	.0036412	237.6232	.0560367	.0010993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013545	93.40233	.0143011	246.6440	.0006966	-.003228
Stddev	.0010349	.34139	.0001150	.5148	.0002140	.000353
%RSD	76.40138	.3655011	.8038443	.2087274	30.72228	10.92329

#1	.0001600	93.27756	.0141748	246.6010	.0005116	-.002930
#2	.0019246	93.14088	.0143289	246.1521	.0006472	-.003136
#3	.0019790	93.78855	.0143997	247.1790	.0009310	-.003617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2160019	.0026775	.0016701	-.172543	.0031144	F -.287246
Stddev	.0920856	.0015598	.0023122	.040989	.0017342	.002059
%RSD	42.63186	58.25362	138.4436	23.75579	55.68483	.7168191

#1	.2246254	.0018995	.0015714	-.200496	.0022689	-.286563
#2	.1199079	.0044733	-.000591	-.191644	.0051093	-.285615
#3	.3034725	.0016598	.004030	-.125490	.0019651	-.289559

Sample Name: ICSA Acquired: 11/30/2017 11:53:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004504	.0128864	-.013301	-.000866	-.000523	-.000258
Stddev	.0006914	.0030210	.000455	.000491	.000510	.000870
%RSD	153.5065	23.44352	3.423152	56.66559	97.40892	336.6902

#1	.0010291	.0118421	-.013089	-.000370	.000039	-.000546
#2	-.000315	.0162910	-.013824	-.001351	-.000655	-.000948
#3	.000638	.0105260	-.012991	-.000878	-.000955	.000719

Elem	Sr4077
Units	ppm
Avg	.1006091
Stddev	.0003604
%RSD	.3582203

#1	.1006472
#2	.1009490
#3	.1002312

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.710	2810.068	41433.75	8034.849	3526.392
Stddev	9.002	6.175	154.14	27.526	12.974
%RSD	.5204290	.2197595	.3720172	.3425883	.3678993

#1	1720.352	2815.648	41264.81	8038.436	3539.499
#2	1738.307	2811.122	41469.68	8060.406	3526.121
#3	1730.471	2803.433	41566.74	8005.705	3513.556

Sample Name: ICSAB Acquired: 11/30/2017 11:58:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065642	.1110095	.0519933	.0314698	.5935618	243.7611
Stddev	.0045699	.0000676	.0011555	.0081356	.0033752	1.6299
%RSD	4.288448	.0608740	2.222359	25.85215	.5686341	.6686577

#1	.1018386	.1109621	.0533035	.0394239	.5968295	242.0694
#2	.1109606	.1110869	.0511200	.0231641	.5900885	243.8926
#3	.1068933	.1109795	.0515564	.0318213	.5937675	245.3213

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5177919	.4992091	1.013830	246.4672	.5730428	.5121862
Stddev	.0026186	.0017126	.001196	1.6593	.0012149	.0010361
%RSD	.5057312	.3430583	.1179834	.6732416	.2120156	.2022874

#1	.5151593	.5007266	1.013184	244.5796	.5733390	.5110165
#2	.5203964	.4995485	1.015210	247.1261	.5740822	.5125535
#3	.5178199	.4973523	1.013095	247.6959	.5717071	.5129886

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4963321	96.94728	.5372939	256.4509	1.003977	F .2411220
Stddev	.0026507	.61565	.0031808	1.2778	.000721	.0009206
%RSD	.5340593	.6350396	.5920073	.4982525	.0718301	.3818019

#1	.4943918	96.45714	.5338765	255.3073	1.004033	.2402313
#2	.4952522	96.74643	.5378369	256.2154	1.003230	.2420699
#3	.4993523	97.63827	.5401682	257.8301	1.004669	.2410648

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199658	.5050771	1.022174	-.183040	-.003295	F -.298572
Stddev	.0928333	.0071682	.017591	.007447	.001557	.001871
%RSD	77.38311	1.419221	1.720987	4.068343	47.25526	.6266015

#1	.0186190	.4996683	1.001889	-.182275	-.002165	-.296459
#2	.1403964	.5023556	1.033237	-.190839	-.002649	-.299240
#3	.2008821	.5132075	1.031397	-.176005	-.005071	-.300018

Sample Name: ICSAB Acquired: 11/30/2017 11:58:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009375	.0175325	-.010911	-.000334	-.002102	-.005206
Stddev	.0000468	.0041723	.000998	.000986	.000135	.000309
%RSD	4.990179	23.79781	9.144771	295.4677	6.402525	5.933080

#1	.0009860	.0171980	-.011642	.000091	-.002007	-.005348
#2	.0009338	.0218620	-.009774	.000369	-.002044	-.004852
#3	.0008927	.0135374	-.011317	-.001461	-.002256	-.005419

Elem	Sr4077
Units	ppm
Avg	.1044048
Stddev	.0005709
%RSD	.5467699

#1	.1037513
#2	.1046574
#3	.1048059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.489	2710.375	40083.16	7795.584	3417.162
Stddev	7.316	6.773	116.40	14.221	3.743
%RSD	.4387202	.2498788	.2904003	.1824292	.1095307

#1	1675.747	2709.848	40216.24	7806.745	3419.548
#2	1664.900	2717.396	40000.30	7800.435	3419.090
#3	1661.820	2703.881	40032.93	7779.572	3412.849

Sample Name: CCV099 Acquired: 11/30/2017 12:02:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.083349	4.934856	25.18341	4.982779	4.999964	399.4545
Stddev	.010830	.018659	.03196	.016029	.006835	1.2843
%RSD	.2130448	.3781157	.1269095	.3216795	.1367067	.3215031

#1	5.072770	4.913324	25.16016	4.964309	4.992196	398.2774
#2	5.094414	4.946309	25.21985	4.990976	5.005057	399.2618
#3	5.082862	4.944934	25.17022	4.993051	5.002639	400.8242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05129	.4948539	2.557355	413.5151	15.19008	2.576111
Stddev	.08510	.0037979	.002385	1.5140	.19827	.002337
%RSD	.8466347	.7674830	.0932631	.3661381	1.305290	.0907339

#1	9.95315	.4906504	2.556165	412.0481	15.35657	2.573497
#2	10.09615	.4958731	2.560101	415.0721	15.24293	2.576836
#3	10.10457	.4980383	2.555799	413.4250	14.97073	2.577999

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59412	401.2723	14.75288	406.8350	2.506854	1.263045
Stddev	.04766	1.2111	.05262	1.8283	.004686	.015770
%RSD	.3265876	.3018233	.3566908	.4494028	.1869308	1.248542

#1	14.53909	399.8742	14.69613	404.7521	2.502034	1.270740
#2	14.62100	401.9980	14.80006	408.1746	2.511394	1.273490
#3	14.62228	401.9448	14.76245	407.5783	2.507134	1.244906

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.9704	2.442561	15.41671	146.9086	5.163640	F 4.073842
Stddev	1.4504	.010813	.24280	.6236	.013861	.034576
%RSD	.3617242	.4426816	1.574895	.4245112	.2684423	.8487279

#1	399.2973	2.430559	15.57922	146.1891	5.149036	4.034369
#2	401.8727	2.451542	15.53330	147.2956	5.165270	4.088397
#3	401.7412	2.445582	15.13761	147.2409	5.176615	4.098762

Sample Name: CCV099 Acquired: 11/30/2017 12:02:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.956163	5.197679	4.813171	5.079180	5.112734	5.153996
Stddev	.003566	.018162	.039650	.007807	.009061	.011962
%RSD	.0719535	.3494228	.8237738	.1537102	.1772159	.2320836

#1	4.959258	5.185040	4.767392	5.081391	5.111637	5.142109
#2	4.952263	5.189506	4.835515	5.085643	5.122294	5.166031
#3	4.956968	5.218491	4.836605	5.070505	5.104272	5.153849

Elem	Sr4077
Units	ppm
Avg	5.065879
Stddev	.043034
%RSD	.8494874

#1	5.029732
#2	5.054423
#3	5.113481

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.003	2436.111	37368.91	7478.478	2874.676
Stddev	18.481	1.140	481.63	50.724	2.550
%RSD	1.223118	.0468071	1.288844	.6782666	.0887086

#1	1498.364	2434.916	37033.14	7536.611	2874.162
#2	1502.432	2436.231	37152.85	7455.603	2872.422
#3	1532.214	2437.187	37920.73	7443.219	2877.444

Sample Name: CCB099 Acquired: 11/30/2017 12:06:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003667	.0009356	-.000346	.0004389	.0001853	.0066627	-.000176
Stddev	.0023412	.0009651	.000446	.0024223	.0003729	.0020112	.000145
%RSD	638.4235	103.1546	129.1637	551.8778	201.2526	30.18510	82.69067

#1	.0011926	.0016524	-.000860	-.002357	.0002894	.0058733	-.000259
#2	.0021830	-.000162	-.000057	.001781	.0004950	.0051661	-.000008
#3	-.002275	.001316	-.000120	.001893	-.000229	.0089488	-.000261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000533	-.000007	.0056532	.0001398	.0001210	.0023276	.0151045
Stddev	.0000871	.000020	.0056066	.0004483	.0001215	.0006126	.0118115
%RSD	163.4811	281.7331	99.17446	320.7732	100.3923	26.31989	78.19874

#1	.0000796	.000012	.0112757	.0003114	.0002232	.0029839	.0262235
#2	-.000044	-.000005	.0056213	-.000369	.0001531	.0022281	.0027048
#3	.000124	-.000028	.0000627	.000477	-.000013	.0017709	.0163853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001884	.0277531	.0000608	.0004260	.0011442	-.002273	.0010735
Stddev	.0000582	.0160626	.0002000	.0002207	.1817825	.000977	.0010431
%RSD	30.89874	57.87670	328.8349	51.80618	15887.11	42.96801	97.16969

#1	.0002085	.0354358	.0002050	.0006261	.2108179	-.001795	.0022654
#2	.0002340	.0092920	.0001451	.0001893	-.095172	-.001627	.0003278
#3	.0001228	.0385315	-.000168	.0004628	-.112214	-.003396	.0006271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194772	-.001982	.0033069	.0005598	-.004496	-.009077	-.000207
Stddev	.0278683	.001199	.0003125	.0000926	.001226	.000839	.001004
%RSD	143.0818	60.49566	9.450231	16.54388	27.26360	9.242629	485.7695

#1	.0474402	-.003124	.0036670	.0005768	-.005717	-.008123	.000219
#2	-.008295	-.002090	.0031061	.0006427	-.004504	-.009403	.000514
#3	.019287	-.000733	.0031477	.0004598	-.003266	-.009703	-.001354

Sample Name: CCB099 Acquired: 11/30/2017 12:06:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000272	.0048335	.0000996
Stddev	.000988	.0011015	.0000333
%RSD	362.6404	22.78963	33.42610

#1	.000138	.0060692	.0001098
#2	-.001399	.0044766	.0000624
#3	.000444	.0039547	.0001266

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.616	3046.778	45420.25	8008.060	4523.756
Stddev	8.898	13.730	218.03	25.705	13.494
%RSD	.4751726	.4506488	.4800174	.3209952	.2982901

#1	1864.600	3030.937	45492.34	7978.932	4508.354
#2	1871.057	3054.143	45175.31	8027.567	4533.496
#3	1882.191	3055.255	45593.10	8017.681	4529.419

Sample Name: I6453-16A Acquired: 11/30/2017 12:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022016	.0518767	.0072024	-.001896	.0001797	.7104371	.0877640
Stddev	.0030538	.0006479	.0002318	.001770	.0011236	.0053828	.0004062
%RSD	138.7070	1.248890	3.218574	93.35371	625.3334	.7576711	.4628759

#1	.0049264	.0516834	.0070249	-.000986	.0013509	.7166257	.0879929
#2	.0027776	.0525992	.0071177	-.003935	-.000889	.7078439	.0880041
#3	-.001099	.0513474	.0074647	-.000766	.000077	.7068419	.0872950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009377	.0003411	3.082231	.0081939	.0072387	.0179657	1.006110
Stddev	.0000423	.0000028	.052432	.0002357	.0000821	.0014769	.012865
%RSD	4.509702	.8142350	1.701097	2.877002	1.134787	8.220720	1.278655

#1	.0009670	.0003429	3.125087	.0083790	.0072220	.0171596	1.017215
#2	.0009568	.0003379	3.097838	.0082742	.0071663	.0170672	1.009100
#3	.0008892	.0003424	3.023768	.0079285	.0073280	.0196703	.992013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283774	1.475350	.0149795	.0005387	14.62792	-.000717	.0861989
Stddev	.0003484	.019318	.0001951	.0000471	.14669	.002172	.0014745
%RSD	1.227841	1.309359	1.302613	8.746229	1.002830	302.8343	1.710616

#1	.0282638	1.497656	.0147919	.0005771	14.76205	-.000917	.0878295
#2	.0287684	1.464170	.0149652	.0004861	14.65045	.001547	.0849592
#3	.0280999	1.464224	.0151814	.0005528	14.47127	-.002782	.0858081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.777474	.0044047	.0113116	.0003880	2.480670	7.022771	-.001040
Stddev	.019874	.0008538	.0004738	.0001598	.015794	.064924	.000487
%RSD	1.118077	19.38454	4.188614	41.18770	.6366640	.9244790	46.84416

#1	1.799147	.0034237	.0111555	.0002223	2.467075	7.075890	-.000528
#2	1.760105	.0048099	.0118438	.0005411	2.497994	7.042026	-.001498
#3	1.773171	.0049805	.0109356	.0004005	2.476939	6.950398	-.001092

Sample Name: I6453-16A Acquired: 11/30/2017 12:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009740	-.021525	.0402363
Stddev	.0005615	.000600	.0004261
%RSD	57.64975	2.787905	1.058967

#1	.0004406	-.021568	.0405513
#2	.0009215	-.020904	.0404060
#3	.0015600	-.022102	.0397515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.779	3143.801	46734.46	8392.559	4565.742
Stddev	3.103	15.147	138.67	63.577	20.557
%RSD	.1584205	.4817990	.2967165	.7575384	.4502501

#1	1961.937	3156.417	46814.95	8346.560	4583.060
#2	1955.734	3147.984	46574.34	8366.010	4571.143
#3	1958.665	3127.002	46814.10	8465.107	4543.024

Sample Name: I6532-07A Acquired: 11/30/2017 12:15:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.746113	.0490575	1.308894	-.004893	.0071791	40.32545	.6075202
Stddev	.007382	.0003172	.002891	.001708	.0018450	.17526	.0015107
%RSD	.4227588	.6465045	.2209053	34.90889	25.69978	.4346120	.2486723

#1	1.738631	.0494050	1.306195	-.004669	.0051018	40.33171	.6057891
#2	1.753391	.0489839	1.308542	-.003309	.0078083	40.14714	.6081988
#3	1.746318	.0487836	1.311946	-.006703	.0086272	40.49750	.6085726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043848	.0072281	46.42604	.0628275	.0452499	.2647861	78.54124
Stddev	.0000225	.0000228	.11049	.0004367	.0001856	.0009306	.25840
%RSD	.5129748	.3151446	.2379954	.6950432	.4102198	.3514376	.3289984

#1	.0043632	.0072520	46.29855	.0625386	.0453328	.2637253	78.66704
#2	.0043832	.0072258	46.48551	.0626142	.0453796	.2654648	78.24403
#3	.0044081	.0072066	46.49406	.0633299	.0450372	.2651682	78.71265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.611585	20.24284	.0610866	-.001592	.4319051	.0864489	.6935969
Stddev	.005430	.07207	.0006436	.000125	.1041791	.0014563	.0113551
%RSD	.1177382	.3560253	1.053632	7.876075	24.12084	1.684562	1.637138

#1	4.606153	20.19669	.0604882	-.001700	.5497985	.0854048	.6862016
#2	4.617013	20.20594	.0617675	-.001454	.3936744	.0858294	.6879179
#3	4.611589	20.32589	.0610041	-.001620	.3522424	.0881125	.7066712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.662314	4.158368	-.201994	.0034703	5.607011	11.20128	.0114276
Stddev	.026462	.009981	.000816	.0003364	.024657	.06224	.0012168
%RSD	.4673408	.2400106	.4041113	9.692938	.4397596	.5556752	10.64812

#1	5.633990	4.151400	-.202858	.0036535	5.578747	11.12949	.0103732
#2	5.666551	4.169802	-.201236	.0030821	5.624116	11.24011	.0111504
#3	5.686403	4.153903	-.201888	.0036753	5.618171	11.23425	.0127590

Sample Name: I6532-07A Acquired: 11/30/2017 12:15:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8771603	.1233327	.5611959
Stddev	.0082281	.0005613	.0009076
%RSD	.9380344	.4551486	.1617315

#1	.8839088	.1237822	.5618799
#2	.8795778	.1227035	.5615417
#3	.8679943	.1235125	.5601662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.396	3012.782	46048.61	8753.944	3944.072
Stddev	17.697	9.230	70.87	8.100	9.793
%RSD	.9595236	.3063580	.1539000	.0925277	.2483055

#1	1843.434	3020.667	46084.22	8748.344	3953.398
#2	1862.555	3002.630	46094.62	8750.256	3933.870
#3	1827.199	3015.048	45967.00	8763.231	3944.948

Sample Name: I6530-20A Acquired: 11/30/2017 12:21:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.592235	.0563972	3.590240	.0092787	.0159428	42.57532	.5387390
Stddev	.004387	.0021568	.015122	.0027464	.0001707	.10676	.0002702
%RSD	.1221115	3.824345	.4212062	29.59848	1.070403	.2507639	.0501468

#1	3.589335	.0548617	3.576834	.0070051	.0158555	42.45451	.5389094
#2	3.597281	.0588630	3.587255	.0085009	.0161395	42.65699	.5388801
#3	3.590088	.0554668	3.606633	.0123301	.0158335	42.61445	.5384275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058845	.0098361	38.18514	.0877677	.0481543	.6737489	85.45479
Stddev	.0000763	.0000438	.20799	.0003727	.0002312	.0023832	.41482
%RSD	1.296067	.4450246	.5446980	.4246278	.4801811	.3537258	.4854315

#1	.0058759	.0097933	37.95431	.0877265	.0478954	.6712024	84.99283
#2	.0059646	.0098341	38.35801	.0874173	.0483402	.6741185	85.57611
#3	.0058128	.0098808	38.24308	.0881593	.0482272	.6759257	85.79542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.521133	10.82155	.0738995	-.001322	.5628118	.1015622	.8989375
Stddev	.012957	.04916	.0005597	.000057	.0263211	.0005251	.0033268
%RSD	.5139396	.4543029	.7573990	4.324998	4.676715	.5170283	.3700801

#1	2.508490	10.77162	.0732807	-.001351	.5325009	.1016583	.8950970
#2	2.534383	10.86991	.0740471	-.001257	.5799004	.1020326	.9007860
#3	2.520525	10.82312	.0743706	-.001360	.5760340	.1009957	.9009296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.488947	4.183038	-.231369	.0038473	7.143041	12.36406	.0609752
Stddev	.048540	.045993	.001525	.0002881	.051146	.06660	.0007048
%RSD	1.391250	1.099516	.6590948	7.488613	.7160282	.5386933	1.155912

#1	3.433570	4.161115	-.231366	.0036693	7.119536	12.32400	.0607188
#2	3.509142	4.235892	-.232895	.0036929	7.201715	12.44094	.0604345
#3	3.524130	4.152108	-.229845	.0041797	7.107873	12.32723	.0617724

Sample Name: I6530-20A Acquired: 11/30/2017 12:21:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BR7A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8721447	.0764326	.1529350
Stddev	.0013301	.0008087	.0001233
%RSD	.1525044	1.058022	.0806207

#1	.8730351	.0763390	.1530027
#2	.8706158	.0756747	.1527927
#3	.8727832	.0772840	.1530096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.184	3200.854	49183.73	9294.077	4104.294
Stddev	8.037	12.208	62.31	49.836	9.765
%RSD	.4079073	.3814129	.1266785	.5362076	.2379200

#1	1963.738	3198.140	49252.33	9333.841	4110.890
#2	1967.626	3190.231	49168.20	9238.171	4093.076
#3	1979.188	3214.191	49130.66	9310.217	4108.916

Sample Name: I6531-20A Acquired: 11/30/2017 12:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BP1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.005641	.0664884	1.304130	-.016101	.0057905	56.28726	.7905273
Stddev	.011966	.0029899	.011608	.001459	.0002388	.12156	.0019589
%RSD	.5966345	4.496950	.8901118	9.059791	4.124077	.2159617	.2477919

#1	1.993784	.0696789	1.293876	-.015146	.0059336	56.27752	.7897203
#2	2.005425	.0637507	1.301780	-.015377	.0059230	56.41340	.7891008
#3	2.017714	.0660355	1.316733	-.017780	.0055148	56.17087	.7927607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057527	.0081336	138.8721	.0827893	.0601753	.2480906	111.0480
Stddev	.0000232	.0000912	.1895	.0003718	.0006542	.0008581	.2912
%RSD	.4037121	1.121283	.1364281	.4490955	1.087106	.3458739	.2622011

#1	.0057576	.0080719	138.6541	.0831966	.0595420	.2490271	110.9022
#2	.0057730	.0082384	138.9656	.0824682	.0601354	.2479029	111.3832
#3	.0057274	.0080907	138.9966	.0827029	.0608485	.2473420	110.8584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.537822	99.81914	.0907639	-.002884	1.016877	.1037673	.5644474
Stddev	.005014	.18961	.0004663	.000280	.098423	.0019569	.0101738
%RSD	.1417287	.1899564	.5137934	9.700159	9.678937	1.885887	1.802438

#1	3.532763	99.99396	.0903087	-.003087	1.022537	.1015210	.5672844
#2	3.542790	99.84589	.0907426	-.002565	.915747	.1046778	.5729016
#3	3.537912	99.61757	.0912406	-.002999	1.112348	.1051031	.5531562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.63040	3.717585	-.315377	.0021034	4.410921	15.10485	.0115485
Stddev	.04608	.044350	.001710	.0002305	.038741	.10032	.0000602
%RSD	.2130114	1.192973	.5423565	10.95645	.8782965	.6641589	.5210416

#1	21.61748	3.666540	-.315111	.0019434	4.366283	15.04844	.0115195
#2	21.68156	3.739538	-.317205	.0019991	4.435787	15.22068	.0116177
#3	21.59217	3.746676	-.313815	.0023675	4.430692	15.04543	.0115084

Sample Name: I6531-20A Acquired: 11/30/2017 12:26:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BP1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.656190	.3747327	.5625761
Stddev	.009222	.0009942	.0007630
%RSD	.5568178	.2652955	.1356257

#1	1.657861	.3750765	.5629879
#2	1.646247	.3736122	.5616956
#3	1.664463	.3755093	.5630447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.581	3059.631	46145.92	8998.591	3683.260
Stddev	19.309	11.048	256.54	46.175	19.367
%RSD	1.030619	.3610799	.5559347	.5131372	.5258099

#1	1851.358	3069.781	45849.89	8991.609	3703.507
#2	1883.127	3061.249	46284.64	8956.304	3681.360
#3	1886.258	3047.864	46303.24	9047.859	3664.913

Sample Name: CCV001 Acquired: 11/30/2017 12:30:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031089	4.878680	24.97225	4.944499	4.938769	389.6843
Stddev	.015825	.044454	.11806	.018872	.014647	4.9482
%RSD	.3145542	.9111811	.4727657	.3816840	.2965808	1.269789

#1	5.014561	4.828403	24.84034	4.922842	4.924265	395.1627
#2	5.046104	4.912777	25.00839	4.953225	4.938485	388.3504
#3	5.032602	4.894861	25.06801	4.957429	4.953556	385.5398

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.716754	.4838561	2.531294	407.0761	15.01267	2.555750
Stddev	.116066	.0024396	.016584	1.2249	.02827	.014284
%RSD	1.194491	.5042071	.6551565	.3008978	.1883366	.5589117

#1	9.690694	.4861449	2.512757	408.3998	14.98023	2.539514
#2	9.615934	.4812894	2.536405	405.9828	15.03206	2.561355
#3	9.843635	.4841340	2.544722	406.8455	15.02572	2.566382

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.42717	394.9139	14.54524	400.6675	2.474285	1.265769
Stddev	.05110	1.2490	.02625	1.2580	.013974	.003354
%RSD	.3542107	.3162678	.1804999	.3139825	.5647517	.2649953

#1	14.38695	396.3281	14.57552	401.9699	2.458196	1.265425
#2	14.48467	393.9621	14.52887	399.4592	2.481278	1.269282
#3	14.40988	394.4513	14.53133	400.5733	2.483382	1.262600

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.8566	2.412495	15.45414	144.3230	5.146779	F 3.994634
Stddev	.1731	.011492	.03345	.3336	.050451	.027308
%RSD	.0436250	.4763402	.2164305	.2311268	.9802378	.6836196

#1	396.9069	2.416482	15.46078	144.2107	5.093378	4.023820
#2	396.9991	2.421462	15.48377	144.6983	5.193641	3.969704
#3	396.6639	2.399541	15.41787	144.0601	5.153320	3.990377

Sample Name: CCV001 Acquired: 11/30/2017 12:30:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.903210	5.153617	4.705494	5.035014	5.045136	5.111342
Stddev	.021544	.058185	.038667	.028130	.011359	.019608
%RSD	.4393783	1.129016	.8217411	.5586805	.2251396	.3836167

#1	4.878952	5.089417	4.745928	5.002756	5.032553	5.092014
#2	4.910567	5.202872	4.668876	5.054436	5.054630	5.131218
#3	4.920112	5.168561	4.701678	5.047849	5.048227	5.110794

Elem	Sr4077
Units	ppm
Avg	5.025409
Stddev	.019408
%RSD	.3861973

#1	5.003757
#2	5.031230
#3	5.041241

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.599	2446.706	37163.68	7573.629	2884.110
Stddev	.874	7.255	20.35	56.604	11.891
%RSD	.0582268	.2965381	.0547485	.7473865	.4122980

#1	1500.669	2451.263	37156.74	7514.680	2895.094
#2	1501.724	2450.516	37147.70	7627.553	2885.754
#3	1502.404	2438.339	37186.58	7578.655	2871.483

Sample Name: CCB001 Acquired: 11/30/2017 12:35:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029095	.0006216	.0001478	.0008519	.0008927	.0014711	-.000397
Stddev	.0012947	.0003268	.0002626	.0009313	.0015788	.0071238	.000133
%RSD	44.50042	52.57944	177.6617	109.3207	176.8531	484.2456	33.42428

#1	.0030103	.0006700	-.000039	.0015251	.0023645	-.001758	-.000531
#2	.0015673	.0002733	.000448	-.000211	-.000775	.009638	-.000395
#3	.0041509	.0009216	.000035	.001242	.001088	-.003466	-.000266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000557	-.000116	.0014669	.0000178	.0001317	.0020351	.0104958
Stddev	.0000262	.000036	.0066948	.0001359	.0001355	.0019929	.0067416
%RSD	47.02799	31.20618	456.3964	764.3486	102.9185	97.92646	64.23149

#1	.0000476	-.000129	-.005887	-.000129	.0002687	.0016003	.0146756
#2	.0000850	-.000075	.007207	.000044	.0001288	.0042096	.0027185
#3	.0000345	-.000145	.003081	.000139	-.000002	.0002955	.0140933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001300	.0142757	.0000776	.0003455	-.003542	-.000109	.0019053
Stddev	.0000884	.0120167	.0000990	.0000881	.136729	.001958	.0030023
%RSD	68.00169	84.17560	127.5513	25.50791	3859.907	1789.991	157.5710

#1	.0002285	.0229112	.0001208	.0003864	-.092824	-.000618	.0005561
#2	.0000575	.0005520	.0001477	.0002443	-.071668	.002053	.0053455
#3	.0001041	.0193639	-.000036	.0004057	.153865	-.001763	-.000186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027317	-.002369	.0022949	.0003328	-.003875	-.009823	-.000578
Stddev	.028580	.001764	.0004496	.0000600	.002686	.001042	.000821
%RSD	104.6215	74.43082	19.59222	18.02480	69.30646	10.60550	141.9816

#1	-.053340	-.000615	.0026776	.0003960	-.001085	-.010906	.000321
#2	-.031881	-.004142	.0024072	.0002767	-.004099	-.008827	-.000769
#3	.003270	-.002352	.0017997	.0003258	-.006442	-.009737	-.001287

Sample Name: CCB001 Acquired: 11/30/2017 12:35:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v324) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000469	.0023113	.0000181
Stddev	.000535	.0004170	.0000449
%RSD	114.1507	18.04199	247.8226

#1	-.001060	.0027895	.0000689
#2	-.000016	.0020229	-.000016
#3	-.000331	.0021216	.000001

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.745	3097.284	46200.41	8191.088	4583.453
Stddev	6.562	20.340	88.63	91.573	17.938
%RSD	.3470615	.6566916	.1918402	1.117961	.3913545

#1	1897.209	3074.010	46302.75	8290.253	4563.422
#2	1890.935	3106.189	46148.71	8109.718	4598.032
#3	1884.089	3111.651	46149.77	8173.293	4588.905