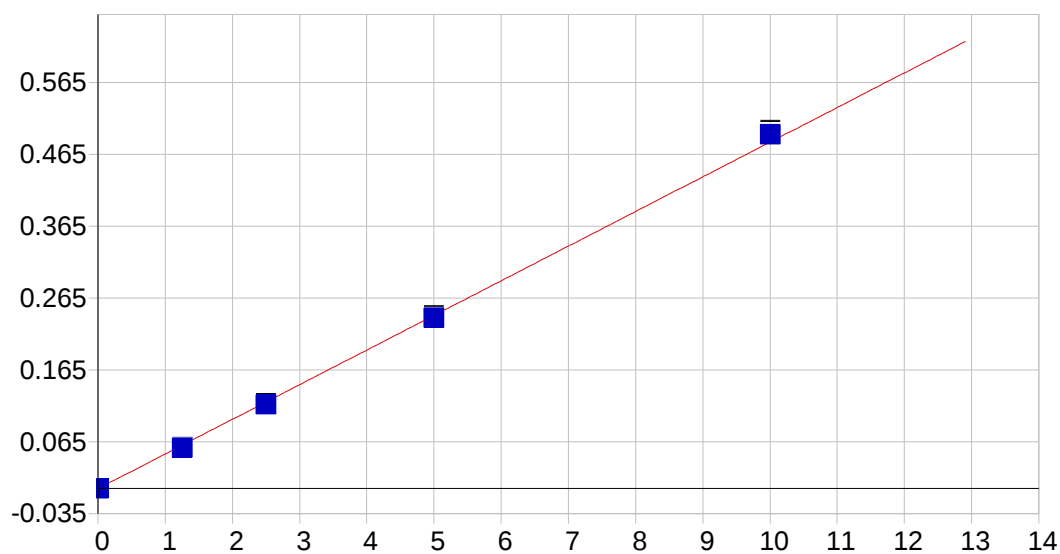


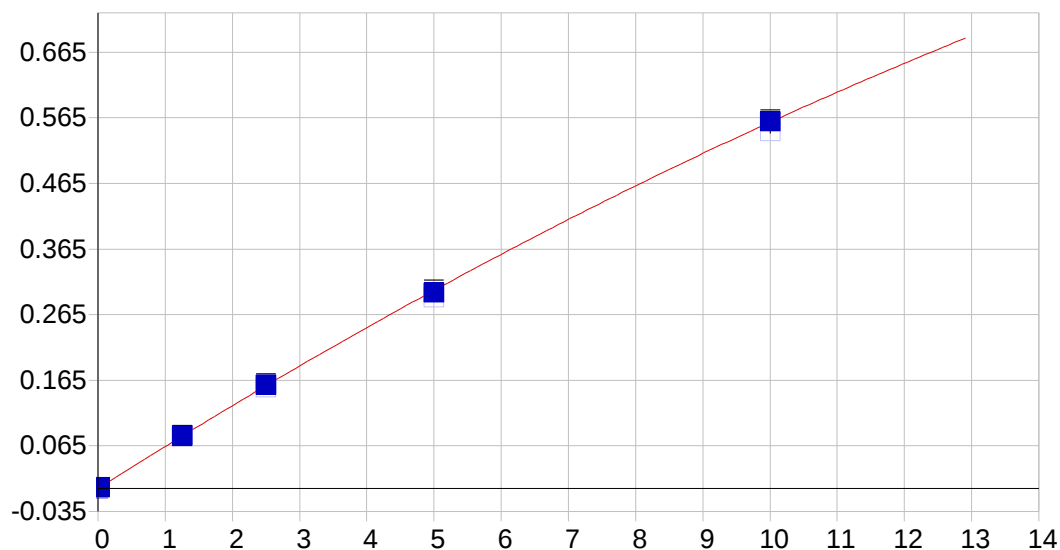


As 189.042 {479}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.048236 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999690 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002792
 Predicted MQL: 0.009306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.01109	.001	10.9	.00038	.000	1
S2	1.2500	1.1839	-.066	-5.29	.05711	.000	1
S3	2.5000	2.4215	-.079	-3.14	.11697	.001	1
S4	5.0000	4.9289	-.071	-1.42	.23824	.003	1
S5	10.000	10.215	.215	2.15	.49384	.005	1

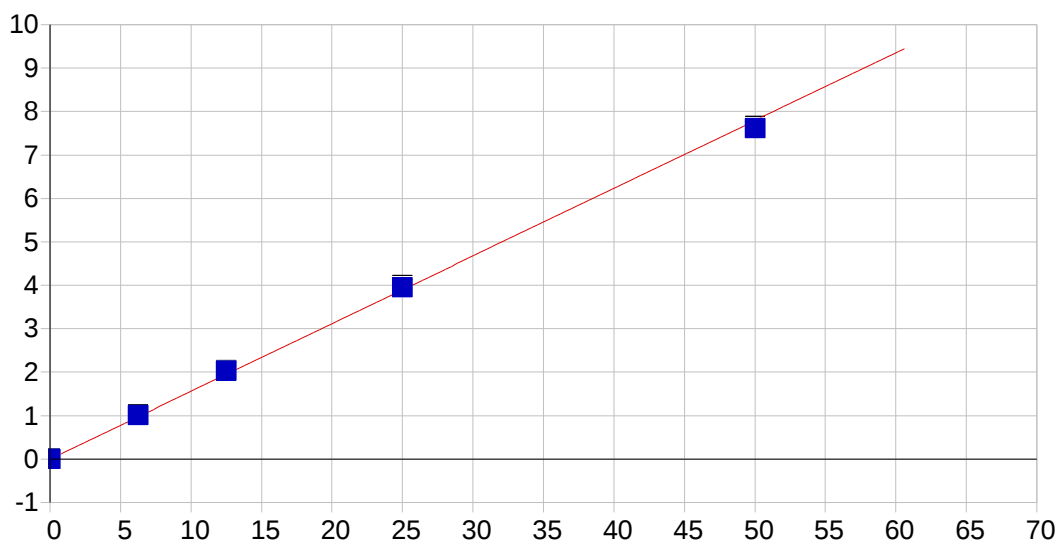


TI 190.856 {477}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.064968 Y-int: 0.000000
 A2 (Curvature): -0.000913
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.001570
 Predicted MQL: 0.005232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.02500	.02320	-.002	-7.20	.00136	.000	1
S2	1.2500	1.2649	.015	1.19	.07877	.000	1
S3	2.5000	2.5187	.019	.748	.15396	.002	1
S4	5.0000	4.9444	-.056	-1.11	.29114	.004	1
S5	10.000	10.025	.025	.248	.54400	.003	1

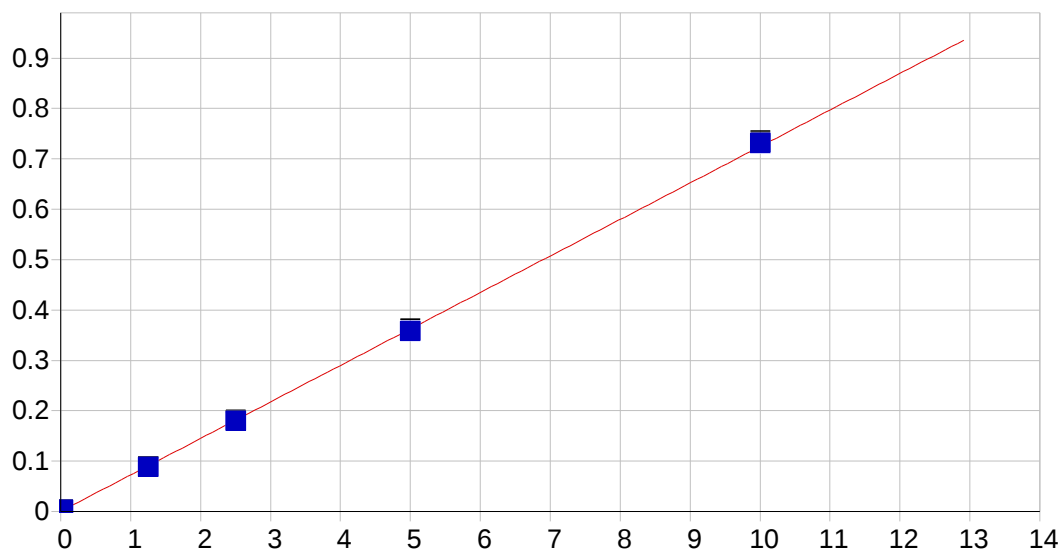


Pb 220.353 {453}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.155870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.001384
 Predicted MQL: 0.004612

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.01000	.01106	.001	10.6	.00132	.000	1
S2	6.2500	6.4994	.249	3.99	1.0129	.010	1
S3	12.500	12.997	.497	3.97	2.0259	.019	1
S4	25.000	25.379	.379	1.51	3.9563	.040	1
S5	50.000	48.874	-1.13	-2.25	7.6194	.045	1

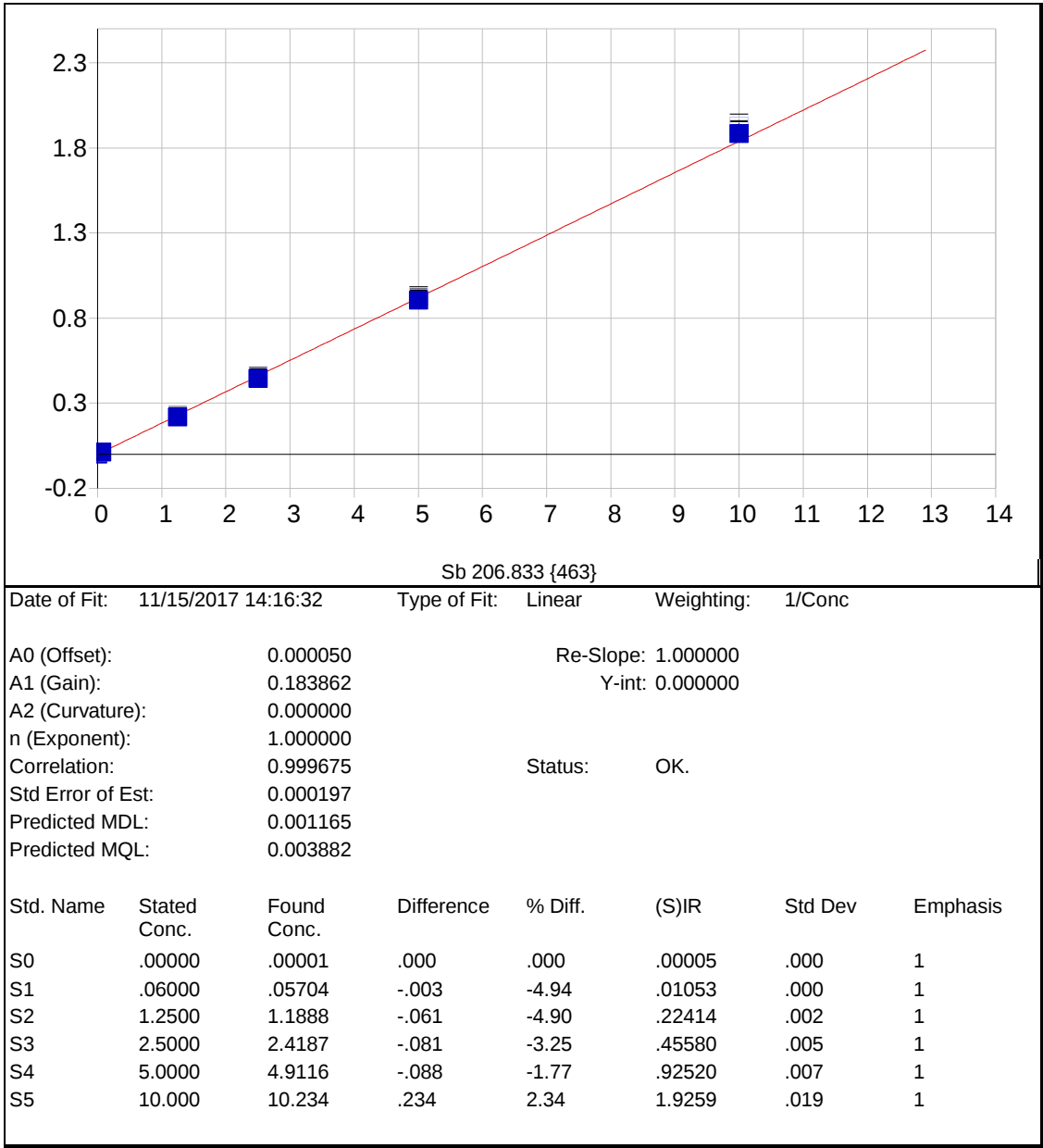


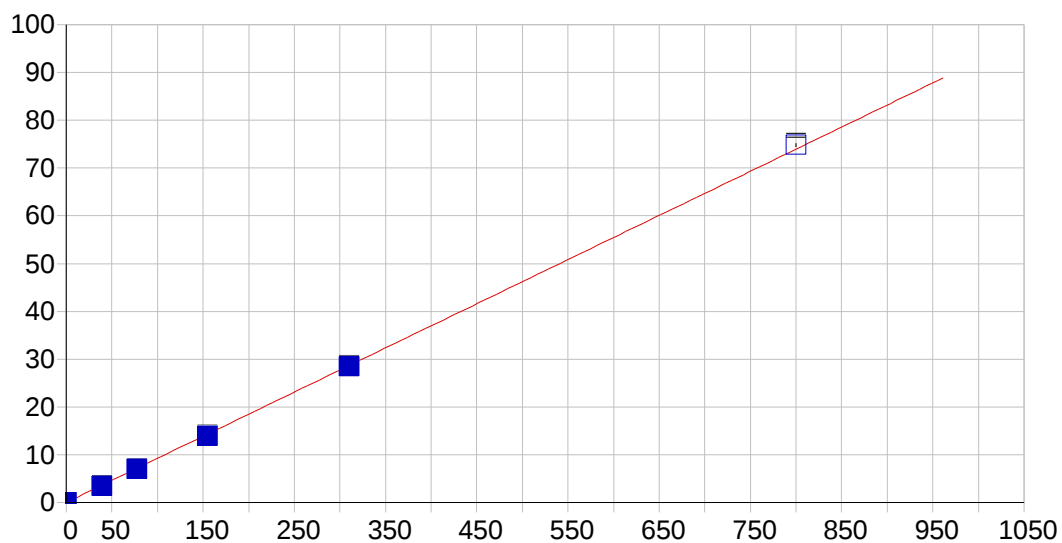
Se 196.090 {472}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.072451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002402
 Predicted MQL: 0.008005

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.03500	.03589	.001	2.54	.00280	.000	1
S2	1.2500	1.2189	-.031	-2.49	.08818	.001	1
S3	2.5000	2.4815	-.018	-.740	.17932	.002	1
S4	5.0000	4.9491	-.051	-1.02	.35743	.004	1
S5	10.000	10.100	.100	.996	.72925	.004	1



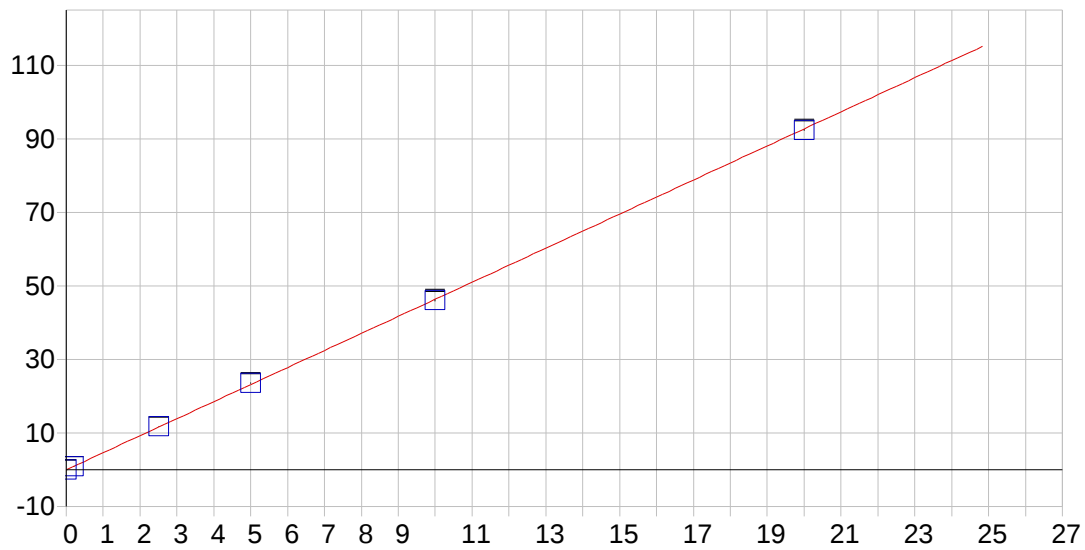


AI 396.152 { 85}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000383	Re-Slope: 1.000000
A1 (Gain):	0.092427	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999866	Status: OK.
Std Error of Est:	0.000941	
Predicted MDL:	0.004977	
Predicted MQL:	0.016590	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00039	.000	1
S1	.20000	.19318	-.007	-3.41	.01827	.000	1
S2	38.750	37.170	-1.58	-4.08	3.4402	.010	1
S3	77.500	75.153	-2.35	-3.03	6.9552	.044	1
S4	155.00	150.78	-4.22	-2.72	13.954	.121	1
S5	310.00	308.61	-1.39	-.448	28.559	.151	1
S6	800.00	809.55	9.55	1.19	74.825	.425	1

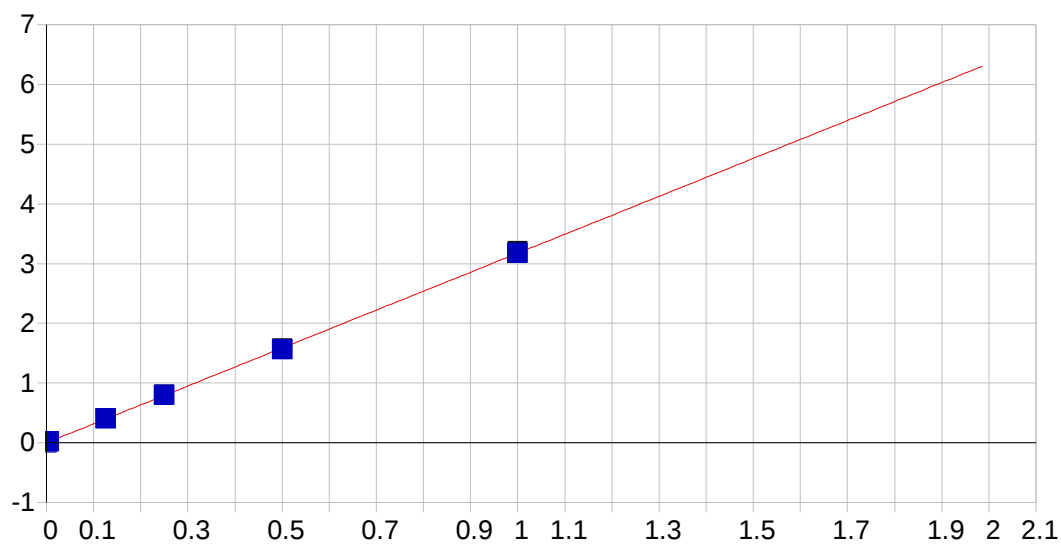


Ba 493.409 { 68}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018880 Re-Slope: 1.000000
 A1 (Gain): 4.635383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.004181
 Predicted MDL: 0.000235
 Predicted MQL: 0.000783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01891	.001	1
S1	.20000	.20103	.001	.513	.91295	.010	1
S2	2.5000	2.5353	.035	1.41	11.733	.044	1
S3	5.0000	5.0908	.091	1.82	23.579	.191	1
S4	10.000	9.9452	-.055	-.548	46.081	.300	1
S5	20.000	19.928	-.072	-.362	92.353	.207	1

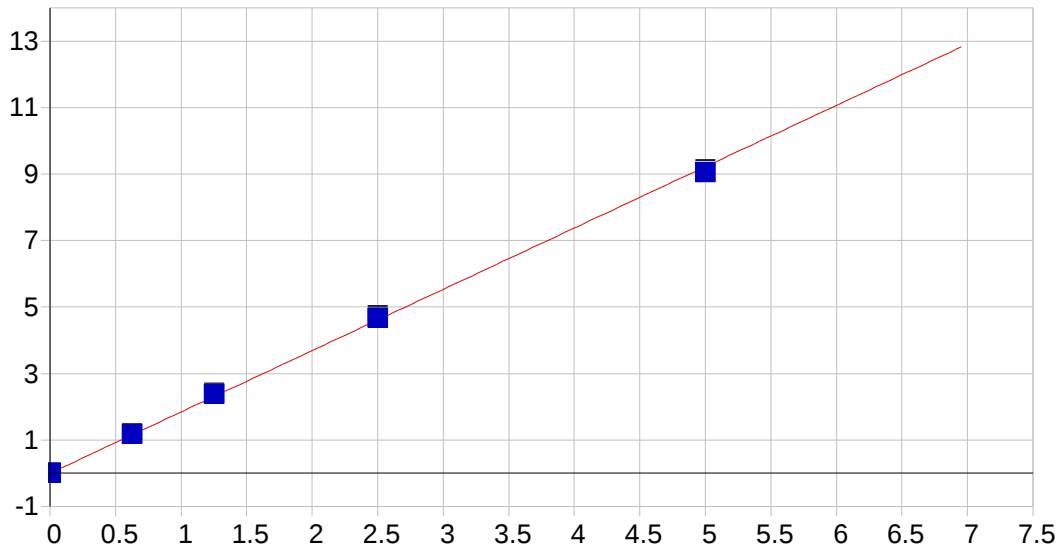


Be 234.861 {144}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001732	Re-Slope: 1.000000
A1 (Gain):	3.174969	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999953	Status: OK.
Std Error of Est:	0.000115	
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	-.00173	.000	1
S1	.00500	.00536	.000	7.26	.01528	.000	1
S2	.12500	.12703	.002	1.62	.40024	.003	1
S3	.25000	.25231	.002	.923	.79667	.003	1
S4	.50000	.49328	-.007	-1.34	1.5591	.011	1
S5	1.0000	1.0020	.002	.202	3.1690	.023	1

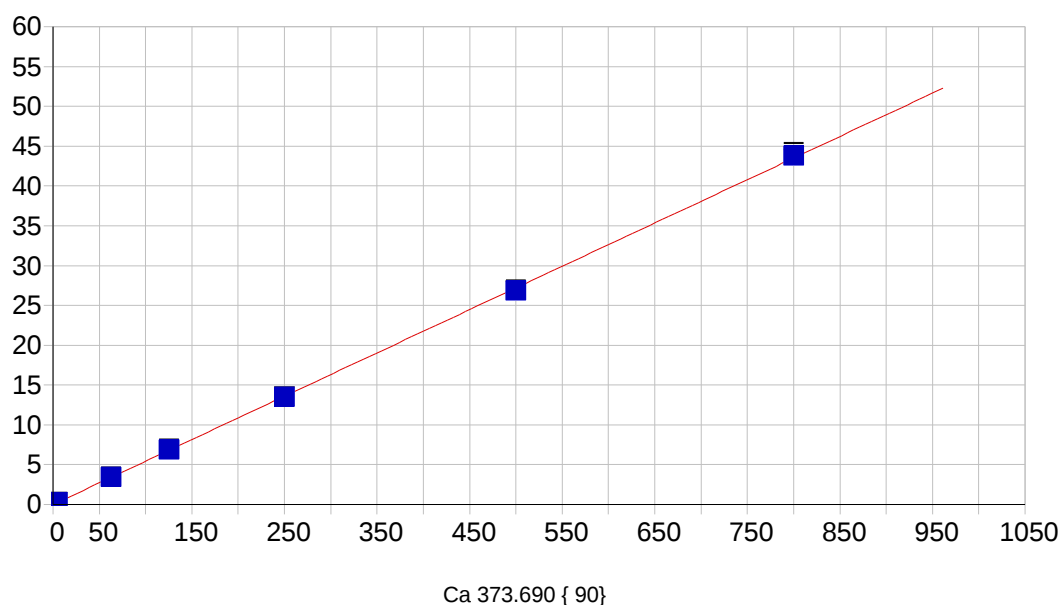


Cd 214.438 {457}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000361 Re-Slope: 1.000000
 A1 (Gain): 1.844350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.000085
 Predicted MQL: 0.000284

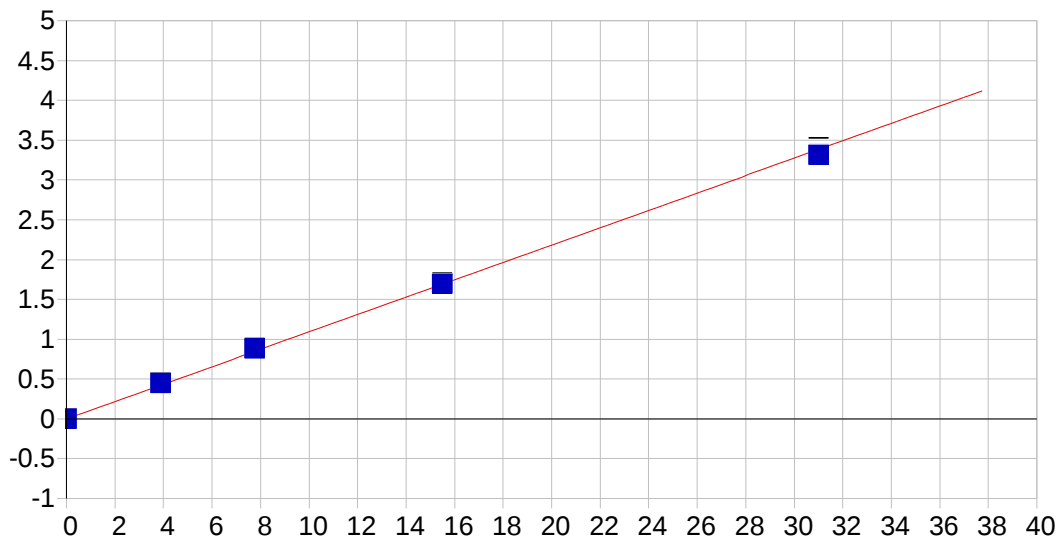
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.00500	.00485	.000	-3.01	.00859	.000	1
S2	.62500	.63610	.011	1.78	1.1755	.011	1
S3	1.2500	1.2915	.042	3.32	2.3871	.021	1
S4	2.5000	2.5386	.039	1.54	4.6925	.050	1
S5	5.0000	4.9089	-.091	-1.82	9.0751	.060	1



Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001758 Re-Slope: 1.000000
 A1 (Gain): 0.054378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.001787
 Predicted MDL: 0.008110
 Predicted MQL: 0.027032

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	.00175	.000	1
S1	5.0000	5.0161	.016	.323	.27452	.003	1
S2	62.500	63.106	.606	.969	3.4292	.020	1
S3	125.00	126.54	1.54	1.23	6.8744	.070	1
S4	250.00	248.60	-1.40	-.560	13.504	.074	1
S5	500.00	493.60	-6.40	-1.28	26.810	.112	1
S6	800.00	805.65	5.65	.706	43.723	.384	1

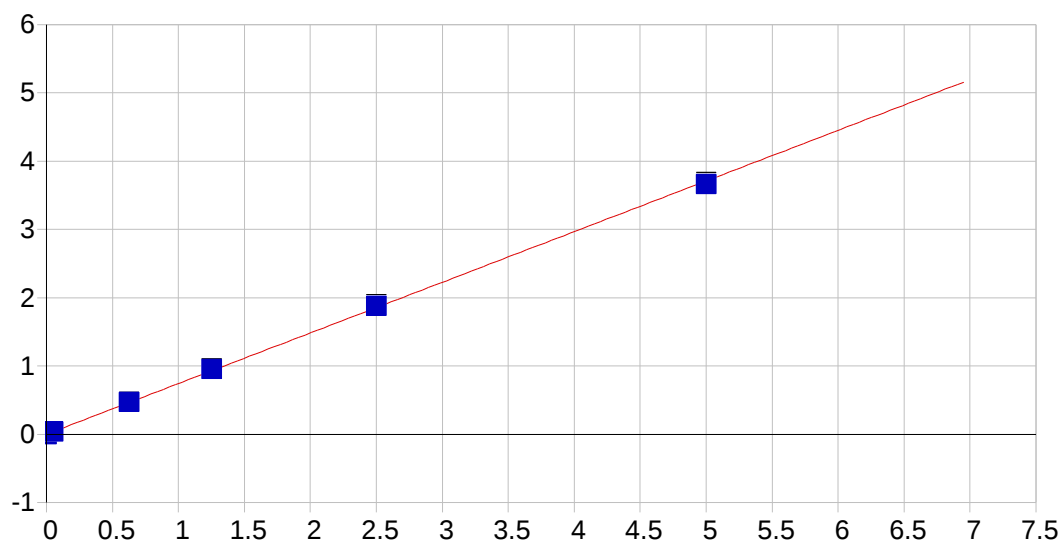


Cr 267.716 {126}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.109095 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999633 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.000500
 Predicted MQL: 0.001667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01121	.001	12.1	.00126	.000	1
S2	3.8750	4.1178	.243	6.27	.45035	.002	1
S3	7.7500	8.0903	.340	4.39	.88481	.004	1
S4	15.500	15.538	.038	.245	1.6995	.009	1
S5	31.000	30.378	-.622	-2.01	3.3228	.085	1

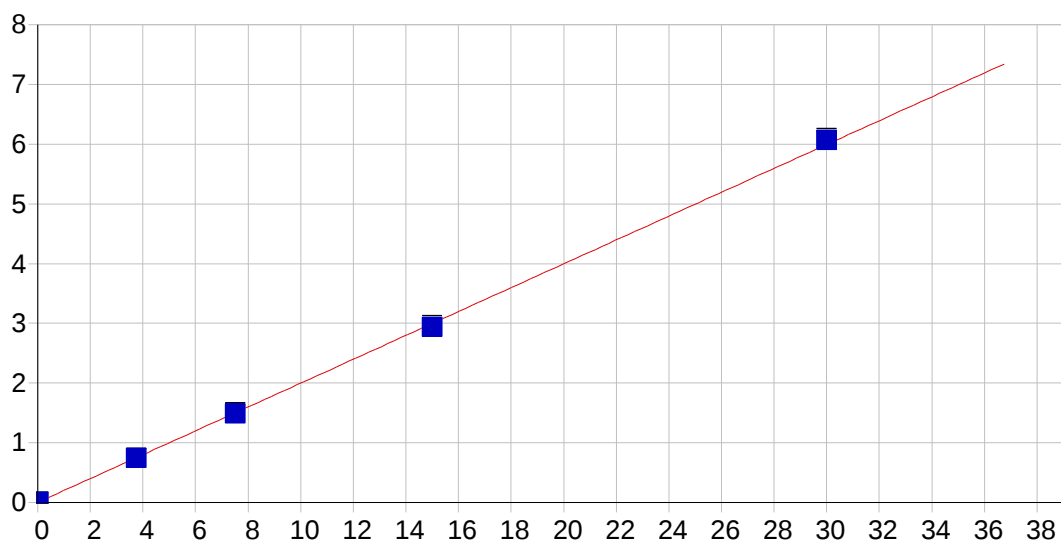


Co 228.616 {448}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.742085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000315
 Predicted MDL: 0.000208
 Predicted MQL: 0.000692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.05000	.04743	-.003	-5.14	.03519	.000	1
S2	.62500	.63040	.005	.864	.46864	.003	1
S3	1.2500	1.2812	.031	2.50	.95255	.010	1
S4	2.5000	2.5351	.035	1.40	1.8850	.018	1
S5	5.0000	4.9309	-.069	-1.38	3.6668	.023	1

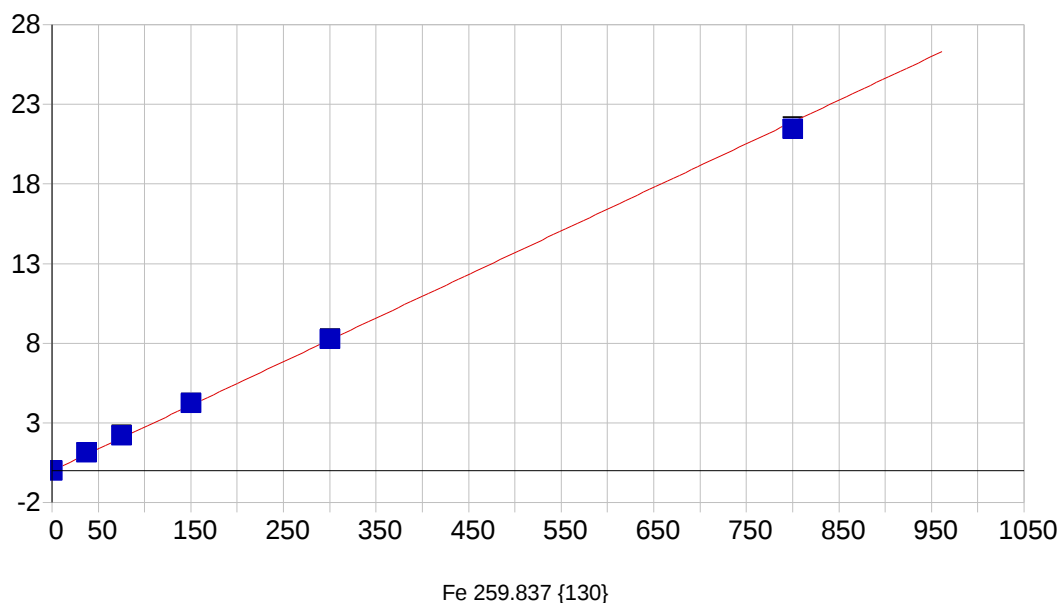


Cu 324.754 {104}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000933 Re-Slope: 1.000000
 A1 (Gain): 0.199744 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.001387
 Predicted MQL: 0.004625

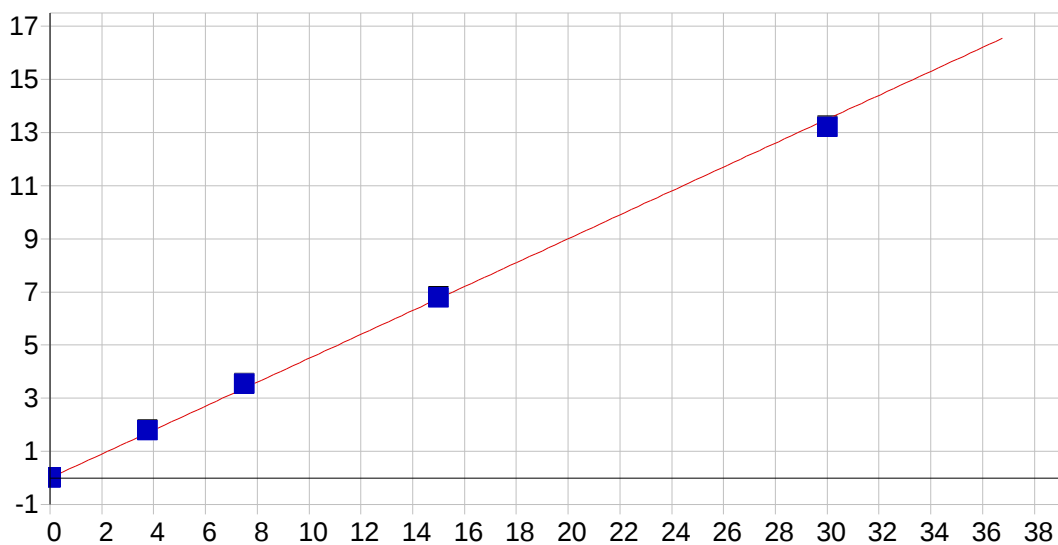
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.02500	.02512	.000	.495	.00592	.000	1
S2	3.7500	3.7006	-.049	-1.32	.73946	.002	1
S3	7.5000	7.4422	-.058	-.771	1.4862	.016	1
S4	15.000	14.716	-.284	-1.90	2.9377	.028	1
S5	30.000	30.391	.391	1.30	6.0663	.031	1



Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.027362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999538 Status: OK.
 Std Error of Est: 0.000363
 Predicted MDL: 0.006208
 Predicted MQL: 0.020694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00002	.000	1
S1	.10000	.11669	.017	16.7	.00323	.000	1
S2	37.500	40.934	3.43	9.16	1.1213	.005	1
S3	75.000	80.688	5.69	7.58	2.2102	.018	1
S4	150.00	155.23	5.23	3.49	4.2523	.024	1
S5	300.00	301.65	1.65	.550	8.2635	.037	1
S6	800.00	783.97	-16.0	-2.00	21.462	.115	1

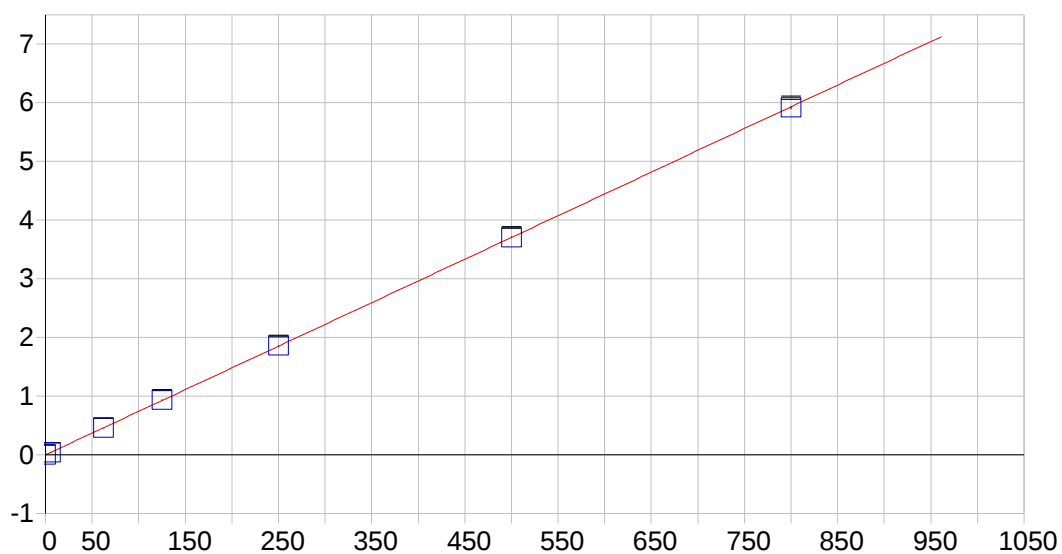


Mn 257.610 {131}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.450099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999594 Status: OK.
 Std Error of Est: 0.000456
 Predicted MDL: 0.000375
 Predicted MQL: 0.001249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01500	.01606	.001	7.04	.00729	.000	1
S2	3.7500	3.9832	.233	6.22	1.7932	.009	1
S3	7.5000	7.8527	.353	4.70	3.5353	.036	1
S4	15.000	15.067	.067	.447	6.7832	.037	1
S5	30.000	29.346	-.654	-2.18	13.212	.045	1

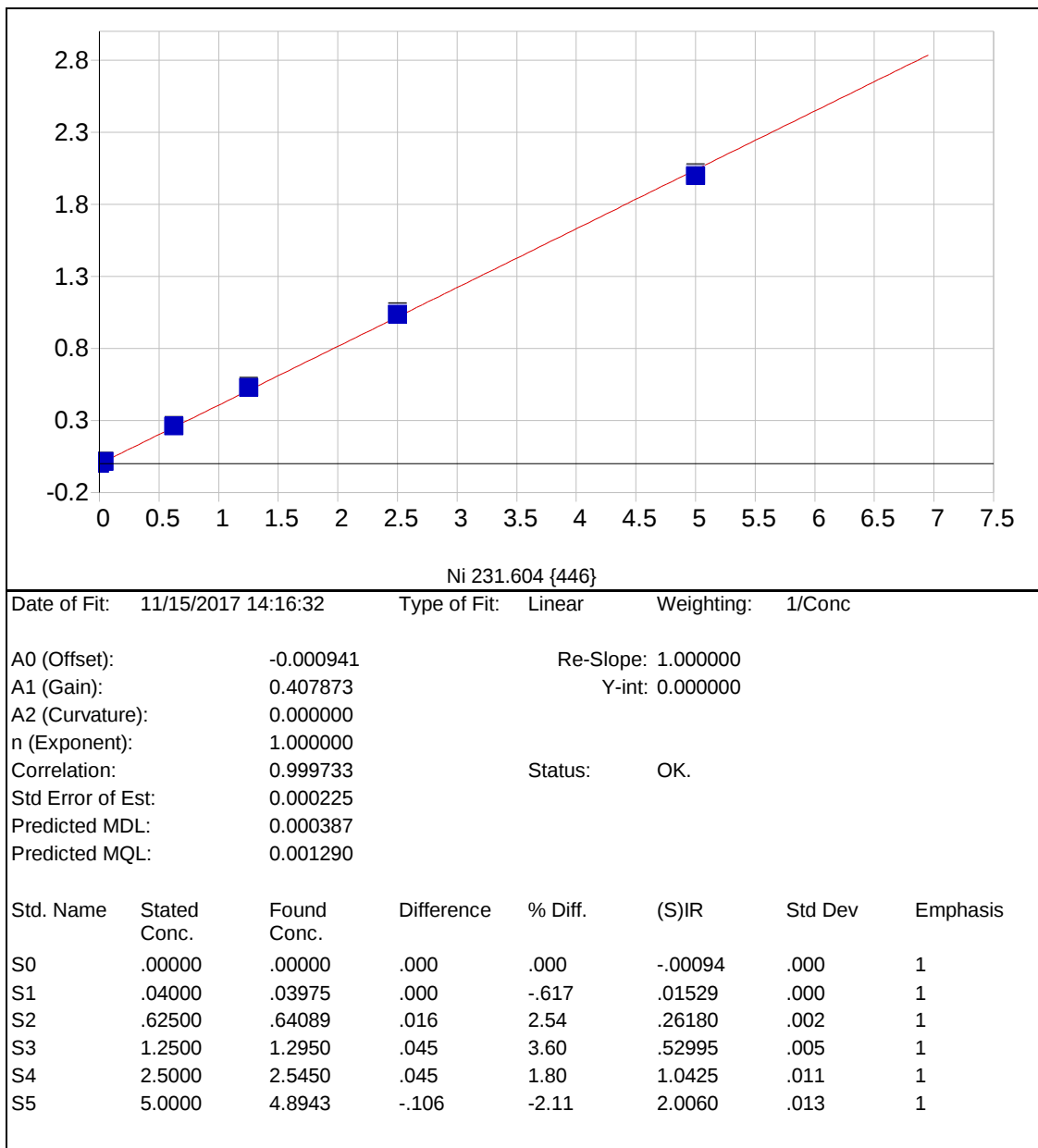


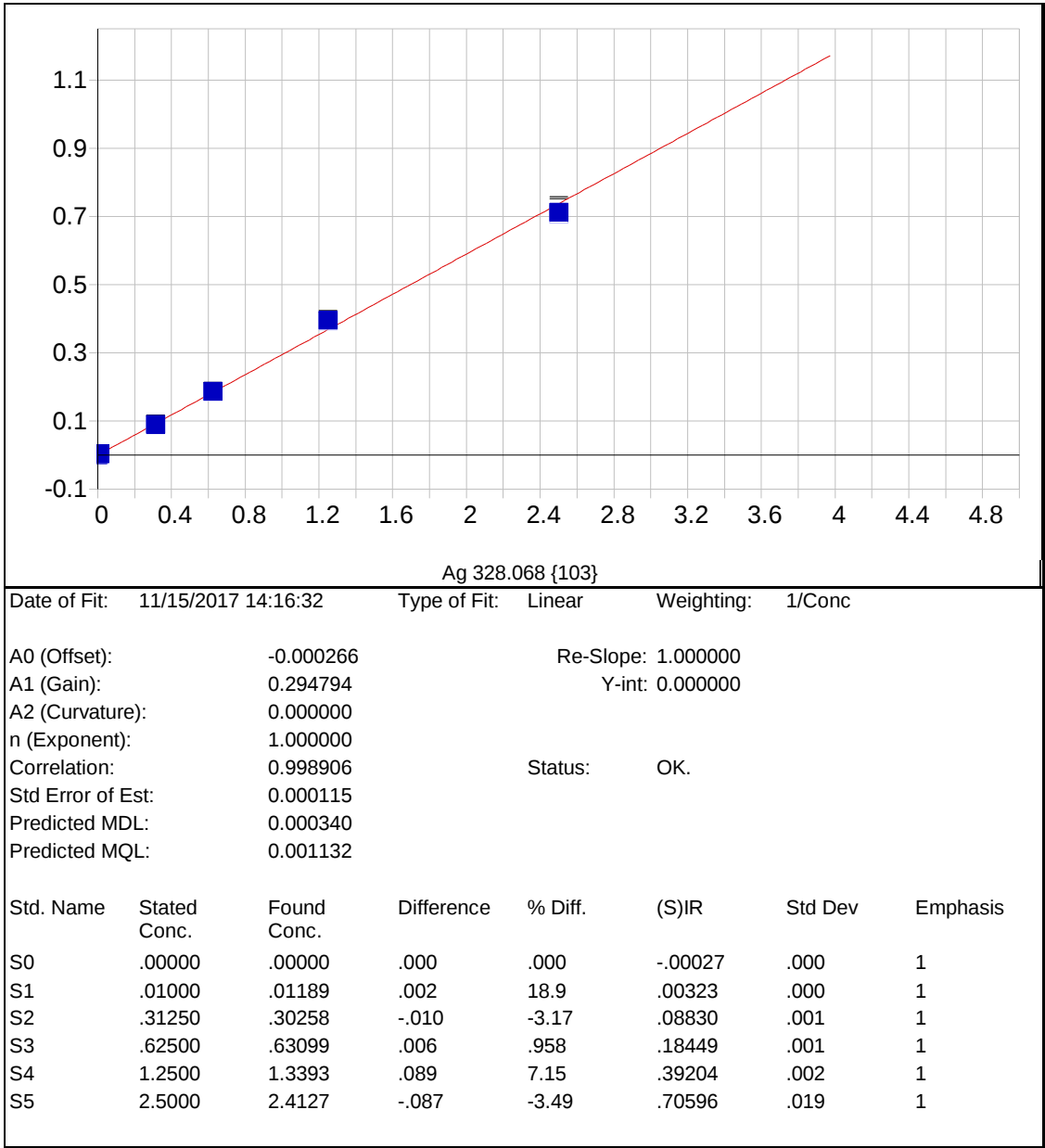
Mg 279.079 {121}

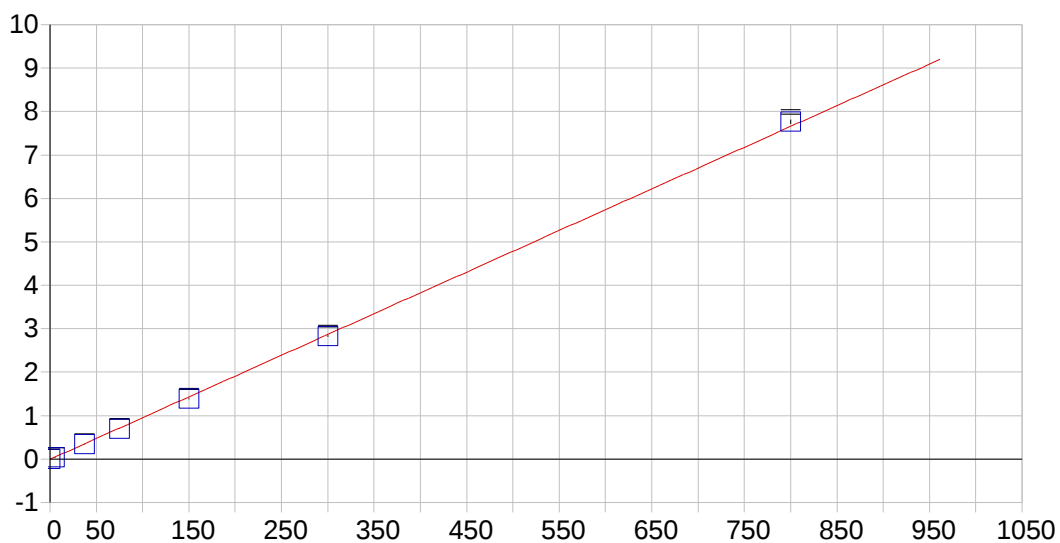
Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.007415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.023259
 Predicted MQL: 0.077531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	-.00021	.000	1
S1	5.0000	4.9046	-.095	-1.91	.03616	.001	1
S2	62.500	62.193	-.307	-.492	.46094	.002	1
S3	125.00	126.32	1.32	1.06	.93646	.008	1
S4	250.00	250.84	.843	.337	1.8598	.014	1
S5	500.00	500.02	.015	.003	3.7073	.013	1
S6	800.00	798.22	-1.78	-.222	5.9185	.027	1





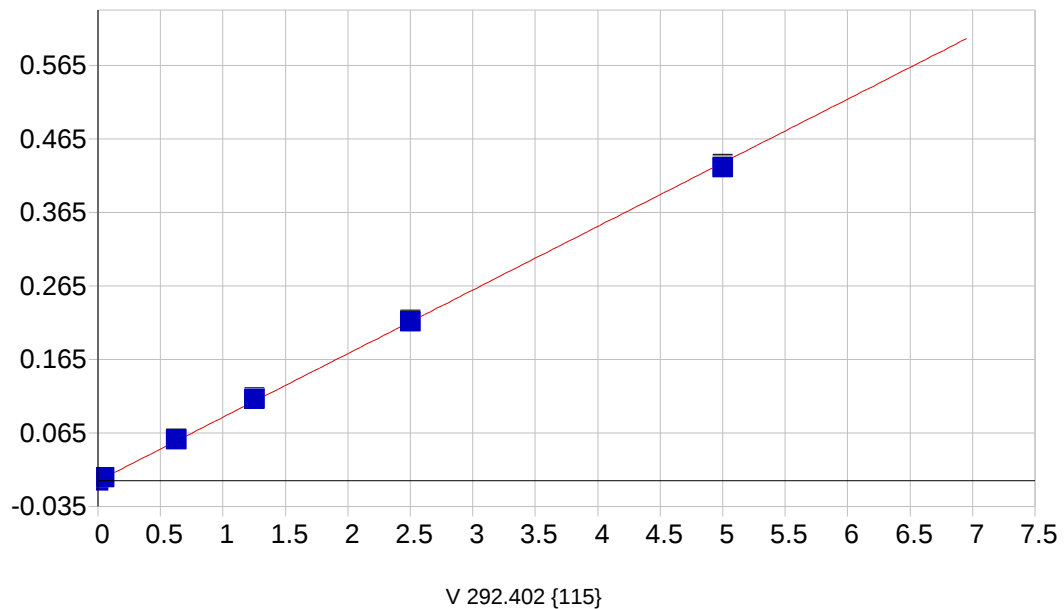


Na 818.326 { 41}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005447 Re-Slope: 1.000000
 A1 (Gain): 0.009578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000512
 Predicted MDL: 0.115133
 Predicted MQL: 0.383776

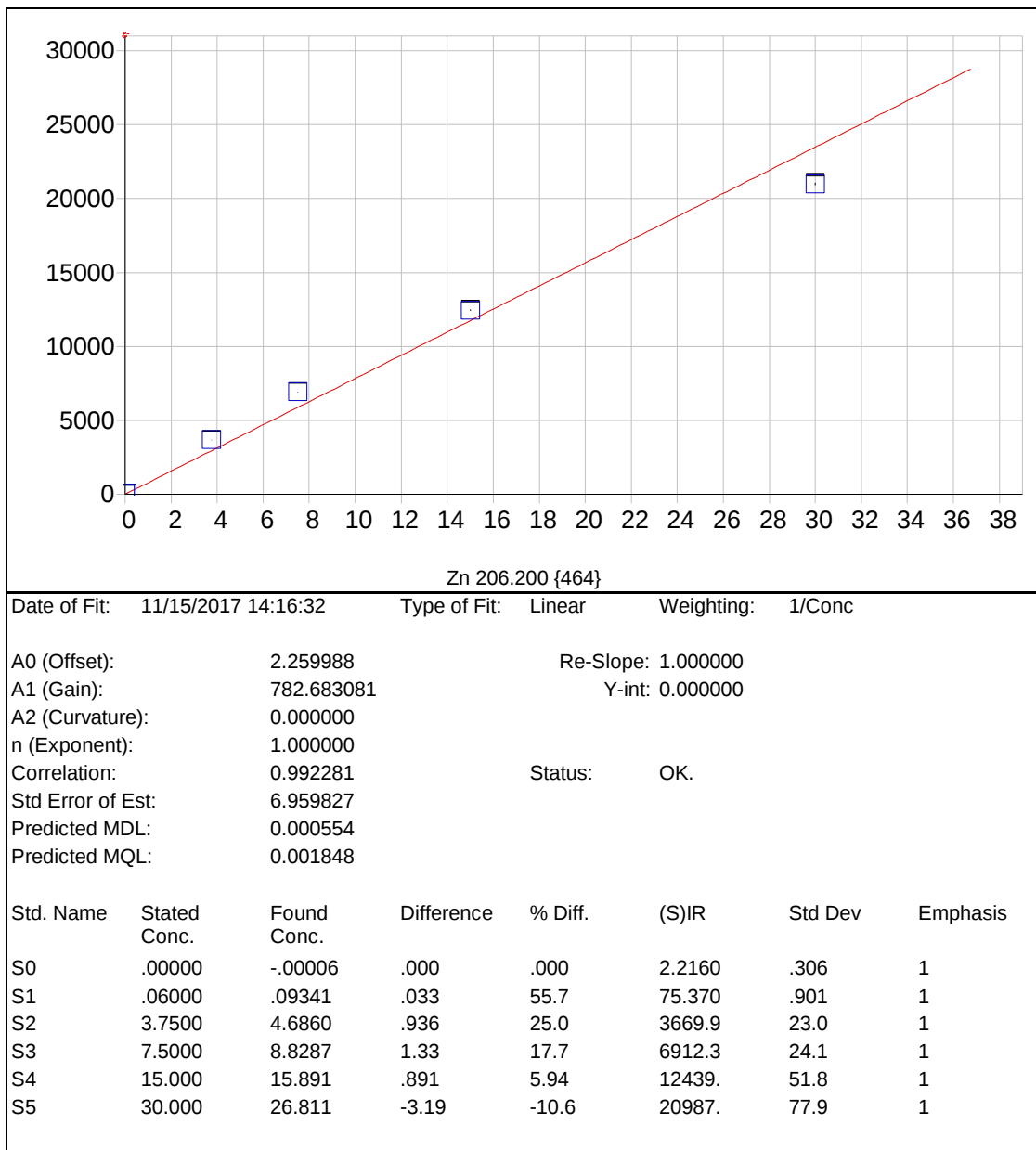
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00060	.001	.000	-.00544	.001	1
S1	5.0000	4.7658	-.234	-4.68	.04020	.001	1
S2	37.500	36.570	-.930	-2.48	.34481	.001	1
S3	75.000	73.474	-1.53	-2.03	.69827	.005	1
S4	150.00	145.67	-4.33	-2.88	1.3898	.011	1
S5	300.00	295.76	-4.24	-1.41	2.8273	.019	1
S6	800.00	811.25	11.3	1.41	7.7646	.055	1

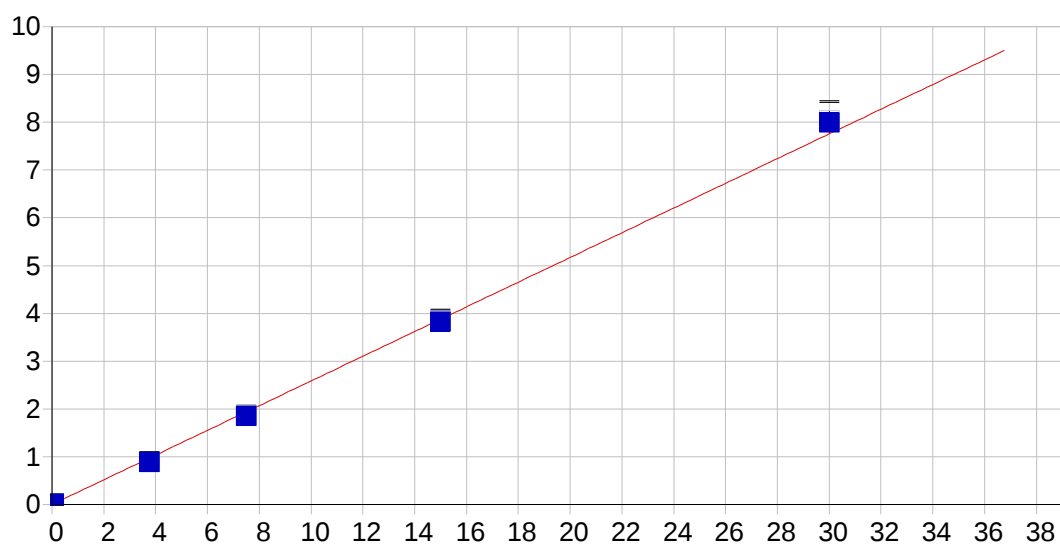


Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000145 Re-Slope: 1.000000
 A1 (Gain): 0.086492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.002254
 Predicted MQL: 0.007512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.05000	.05457	.005	9.13	.00459	.000	1
S2	.62500	.65108	.026	4.17	.05639	.000	1
S3	1.2500	1.2898	.040	3.19	.11186	.001	1
S4	2.5000	2.5001	.000	.006	.21699	.002	1
S5	5.0000	4.9294	-.071	-1.41	.42800	.002	1



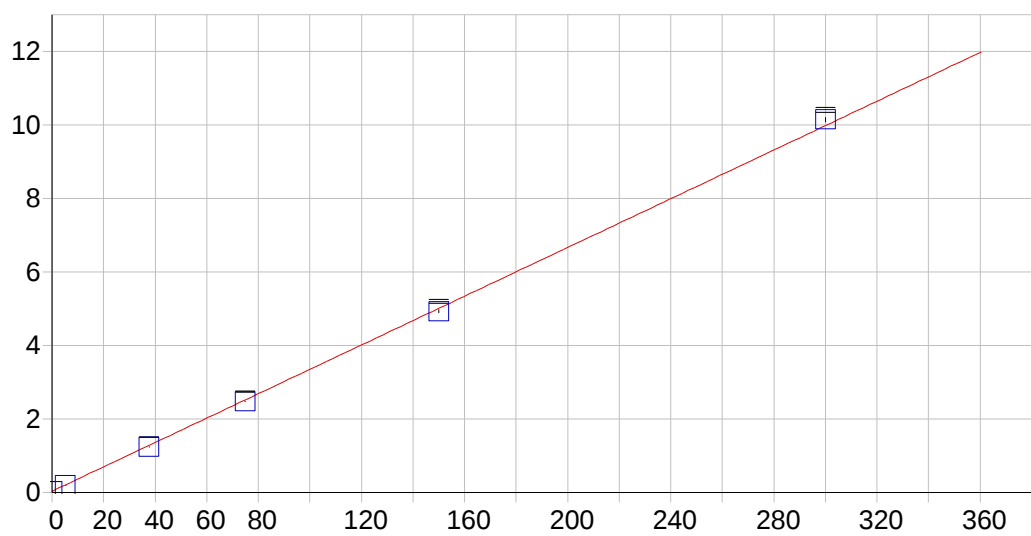


Zn 213.856 {158}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000485 Re-Slope: 1.000000
 A1 (Gain): 0.258508 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999316 Status: OK.
 Std Error of Est: 0.000684
 Predicted MDL: 0.002555
 Predicted MQL: 0.008518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00049	.000	1
S1	.06000	.05724	-.003	-4.60	.01535	.000	1
S2	3.7500	3.4168	-.333	-8.89	.88899	.009	1
S3	7.5000	7.1340	-.366	-4.88	1.8551	.012	1
S4	15.000	14.793	-.207	-1.38	3.8456	.037	1
S5	30.000	30.909	.909	3.03	8.0325	.213	1

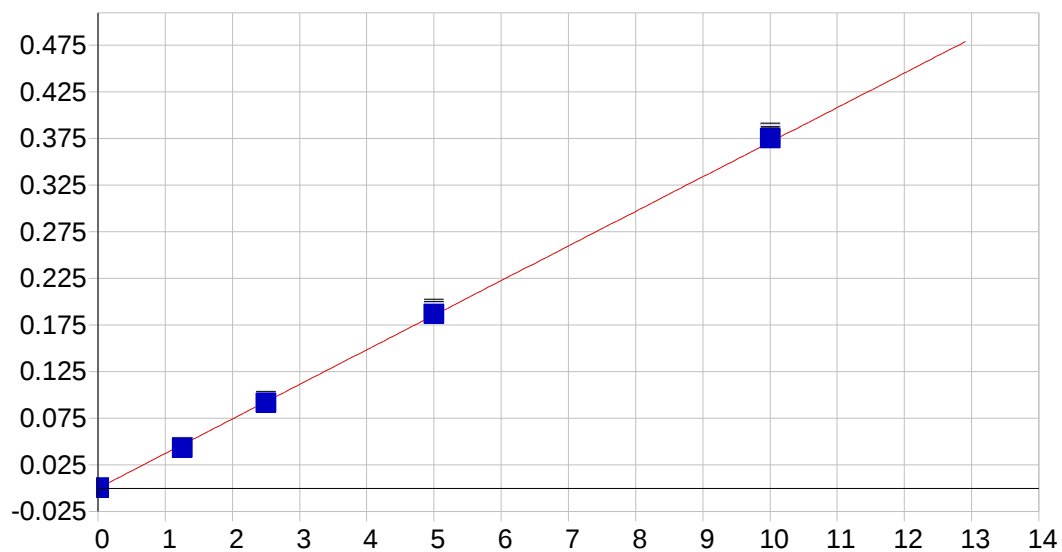


K 769.896 { 44}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.033669	Re-Slope: 1.000000
A1 (Gain):	0.033163	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999836	Status: OK.
Std Error of Est:	0.001237	
Predicted MDL:	0.031328	
Predicted MQL:	0.104427	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00051	.001	.000	.03369	.000	1
S1	5.0000	4.7117	-.288	-5.77	.18992	.001	1
S2	37.500	36.408	-1.09	-2.91	1.2411	.002	1
S3	75.000	73.734	-1.27	-1.69	2.4789	.018	1
S4	150.00	147.72	-2.28	-1.52	4.9324	.052	1
S5	300.00	304.93	4.93	1.64	10.146	.069	1

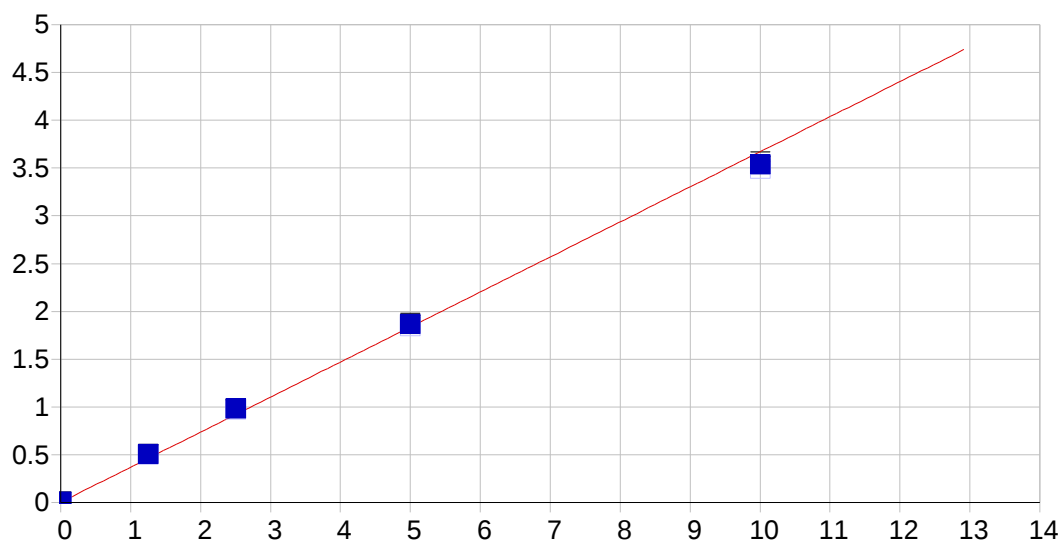


P 177.495 {490}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.037120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002375
 Predicted MQL: 0.007918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01404	.004	40.4	.00055	.000	1
S2	1.2500	1.1587	-.091	-7.30	.04357	.000	1
S3	2.5000	2.4584	-.042	-1.66	.09234	.001	1
S4	5.0000	5.0274	.027	.548	.18876	.003	1
S5	10.000	10.101	.101	1.01	.37923	.002	1

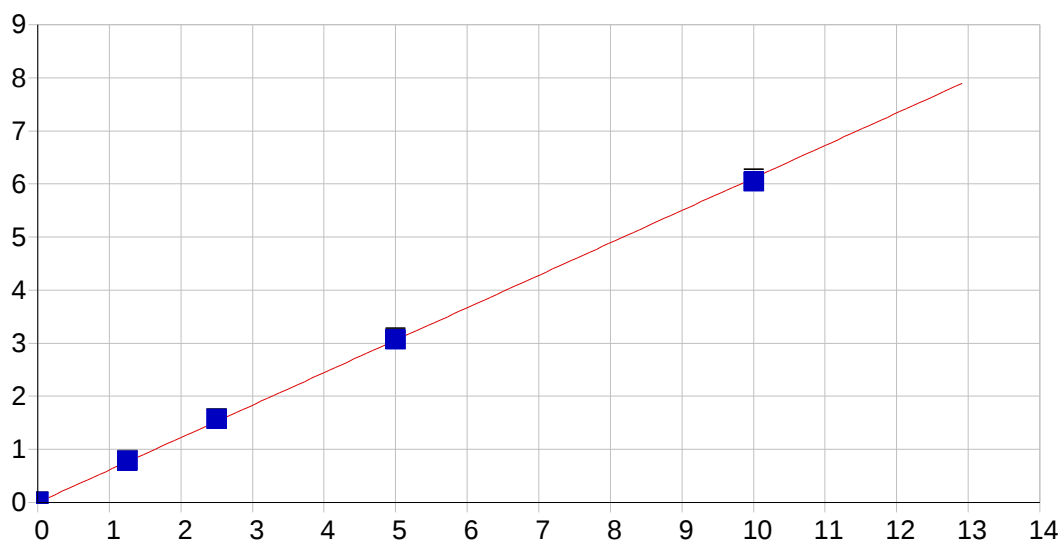


B 249.678 {135}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002361 Re-Slope: 1.000000
 A1 (Gain): 0.366791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999015 Status: OK.
 Std Error of Est: 0.000270
 Predicted MDL: 0.000814
 Predicted MQL: 0.002713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00236	.000	1
S1	.01000	.01077	.001	7.68	.00632	.000	1
S2	1.2500	1.3656	.116	9.24	.49749	.002	1
S3	2.5000	2.6647	.165	6.59	.96826	.002	1
S4	5.0000	5.0816	.082	1.63	1.8433	.013	1
S5	10.000	9.6374	-.363	-3.63	3.4913	.026	1

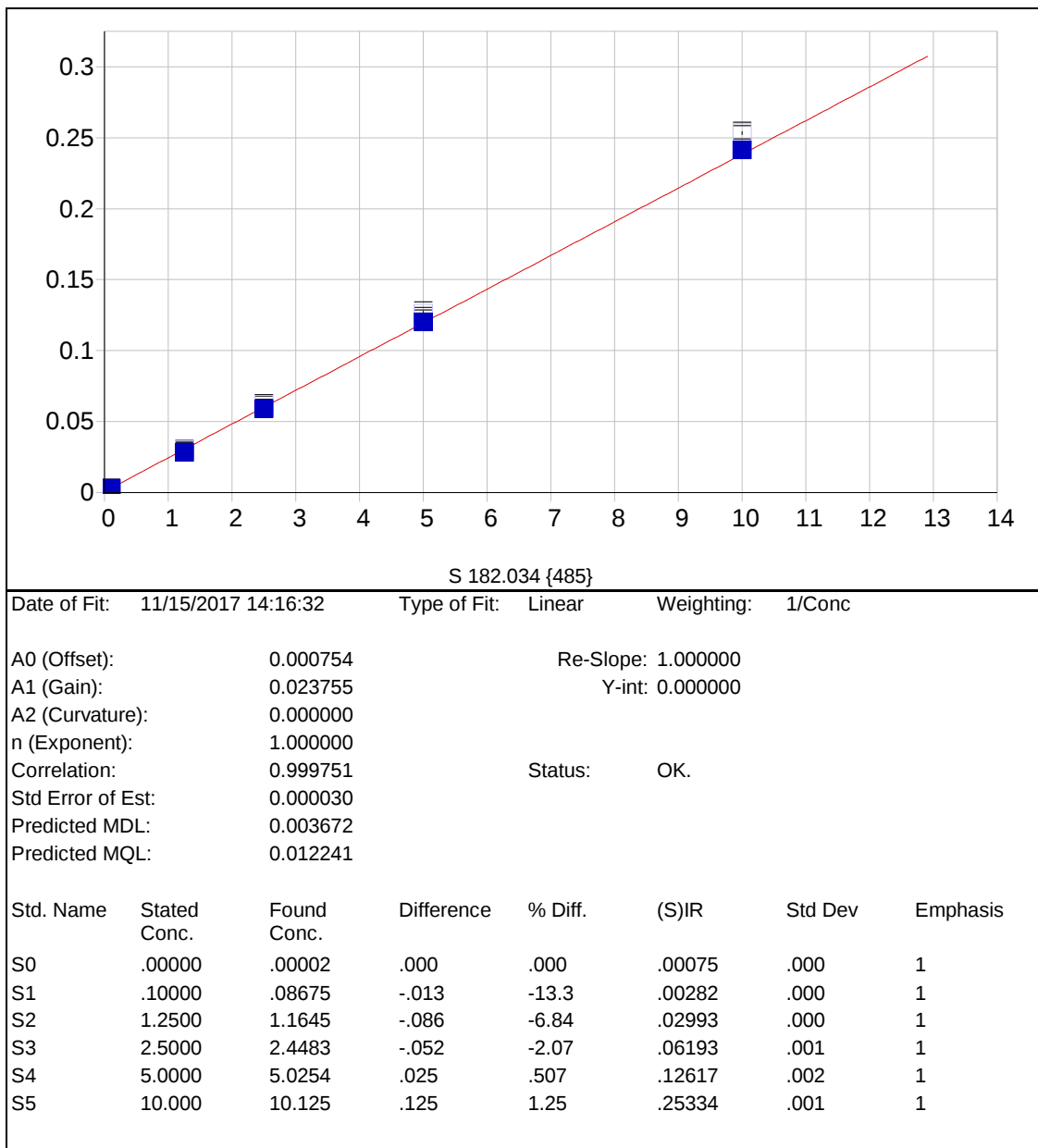


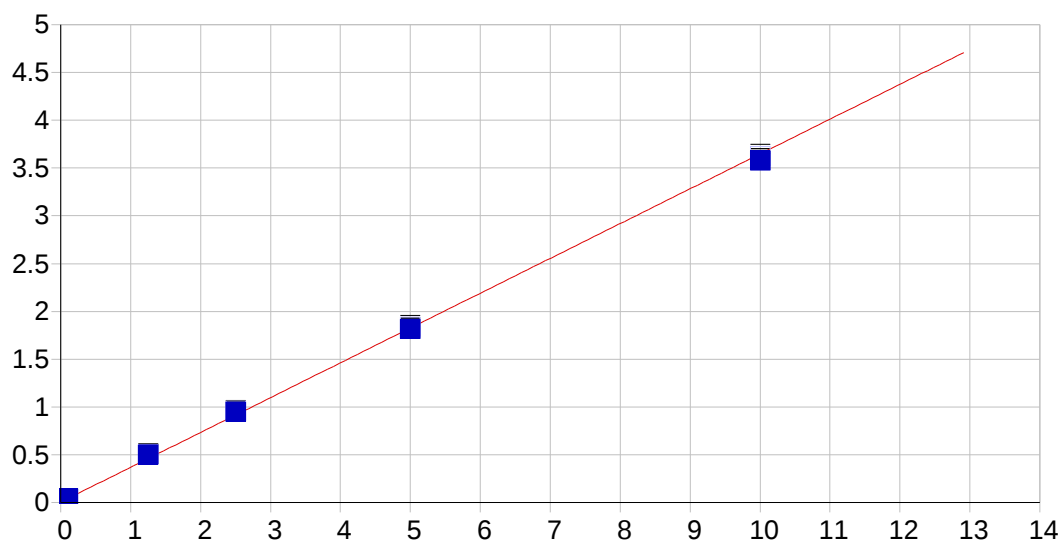
Mo 202.030 {467}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000469 Re-Slope: 1.000000
 A1 (Gain): 0.611239 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.000282
 Predicted MQL: 0.000941

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.01000	.01032	.000	3.22	.00679	.000	1
S2	1.2500	1.2864	.036	2.91	.78748	.005	1
S3	2.5000	2.5606	.061	2.42	1.5670	.016	1
S4	5.0000	5.0198	.020	.397	3.0716	.028	1
S5	10.000	9.8828	-.117	-1.17	6.0468	.049	1



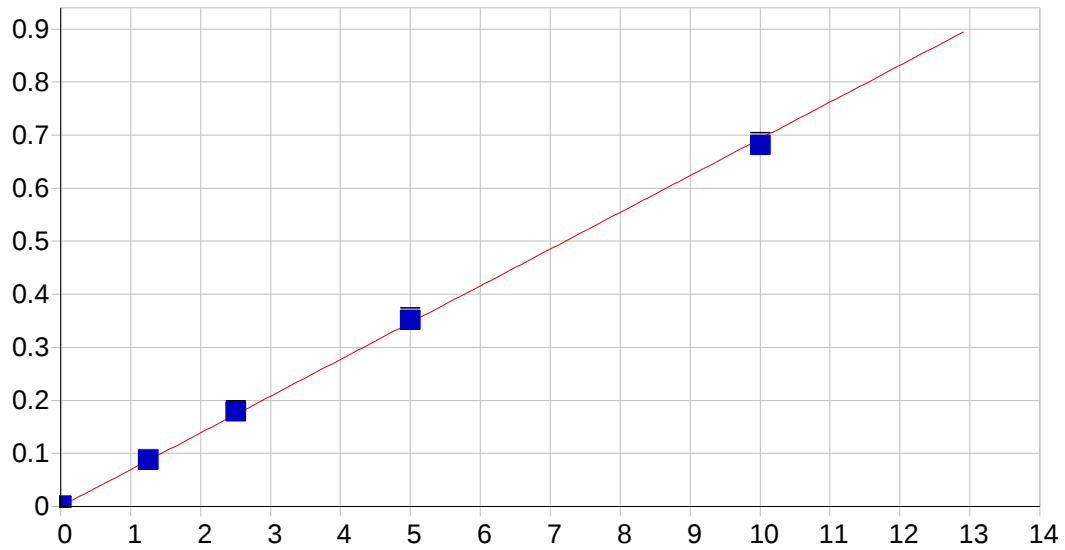


Si 251.611 {134}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003335 Re-Slope: 1.000000
 A1 (Gain): 0.364309 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999529 Status: OK.
 Std Error of Est: 0.000601
 Predicted MDL: 0.000839
 Predicted MQL: 0.002797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00333	.000	1
S1	.10000	.10619	.006	6.19	.04215	.001	1
S2	1.2500	1.3641	.114	9.13	.50564	.003	1
S3	2.5000	2.5960	.096	3.84	.95979	.002	1
S4	5.0000	4.9719	-.028	-.562	1.8361	.015	1
S5	10.000	9.8119	-.188	-1.88	3.6208	.022	1

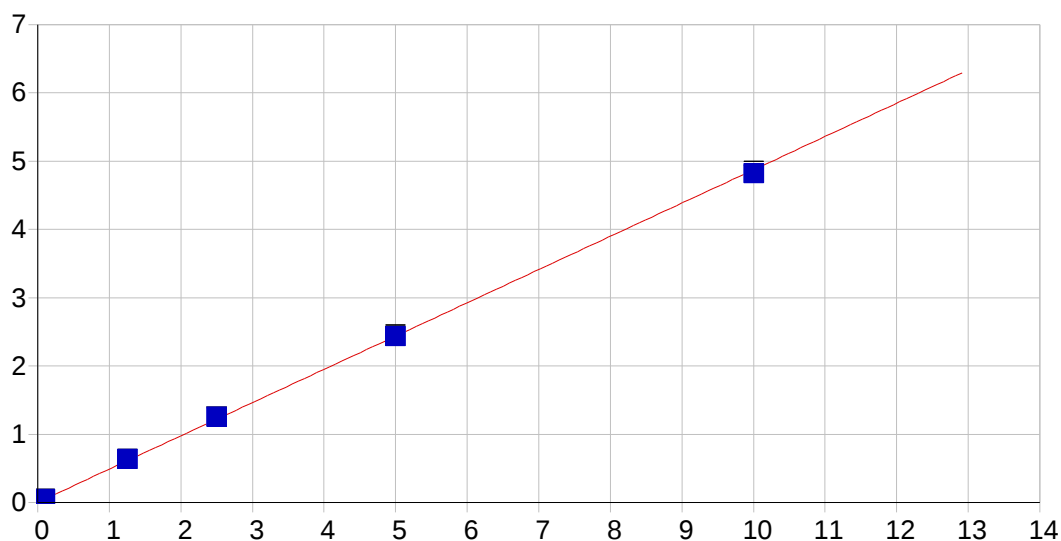


Sn 189.989 {478}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.069287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.001131
 Predicted MQL: 0.003769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00604	-.001	-13.7	.00057	.000	1
S2	1.2500	1.2670	.017	1.36	.08788	.001	1
S3	2.5000	2.5753	.075	3.01	.17846	.002	1
S4	5.0000	5.0784	.078	1.57	.35176	.004	1
S5	10.000	9.8302	-.170	-1.70	.68072	.005	1

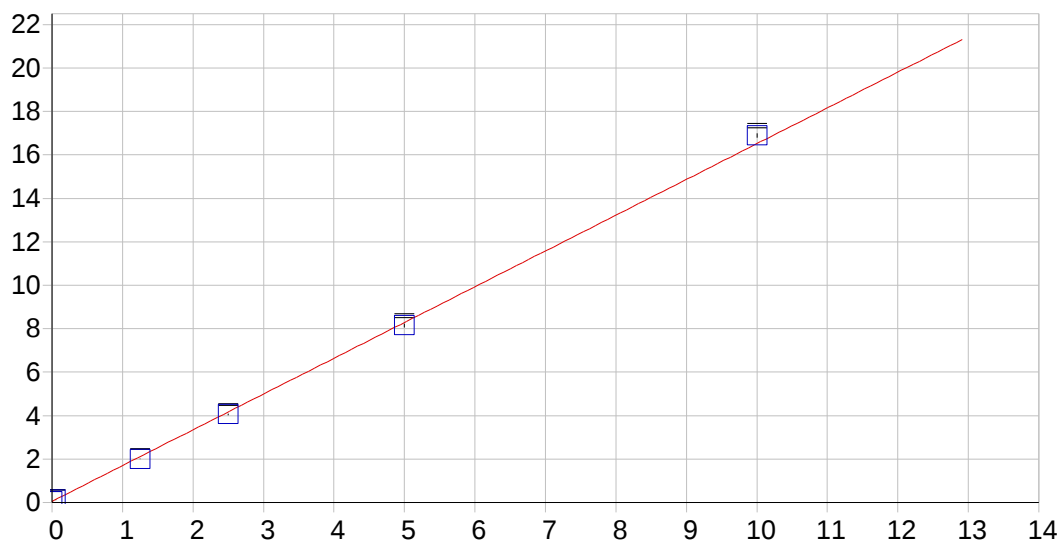


Ti 336.121 {100}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001769 Re-Slope: 1.000000
 A1 (Gain): 0.487245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000398
 Predicted MDL: 0.000656
 Predicted MQL: 0.002186

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00177	.000	1
S1	.10000	.10211	.002	2.11	.05151	.000	1
S2	1.2500	1.2928	.043	3.43	.63149	.003	1
S3	2.5000	2.5662	.066	2.65	1.2517	.011	1
S4	5.0000	4.9983	-.002	-.033	2.4363	.019	1
S5	10.000	9.8905	-.109	-1.09	4.8192	.033	1



Li 670.784 { 50}

Date of Fit: 11/15/2017 14:16:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.054766 Re-Slope: 1.000000
 A1 (Gain): 1.646247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621 Status: OK.
 Std Error of Est: 0.001701
 Predicted MDL: 0.000600
 Predicted MQL: 0.002002

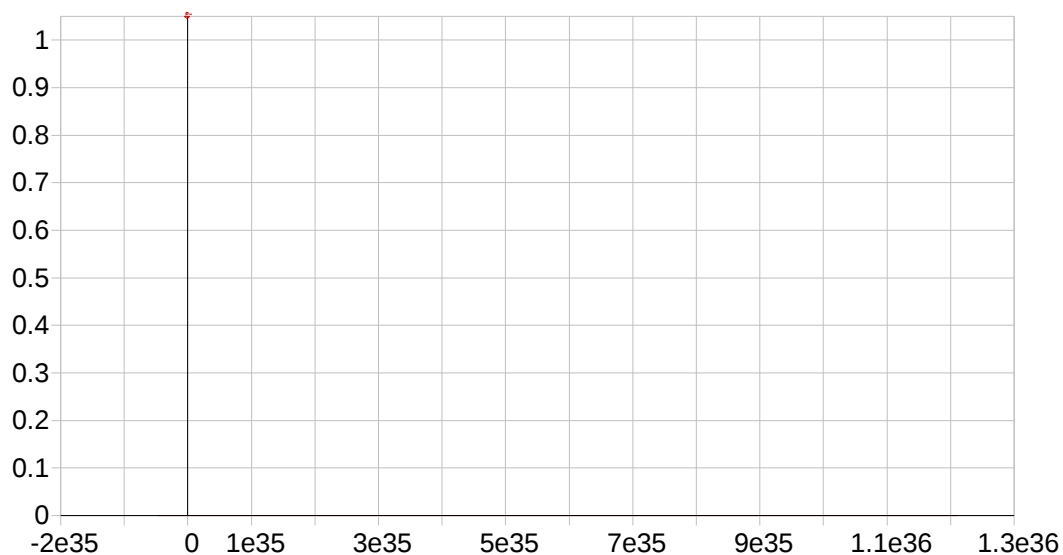
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.05479	.002	1
S5	10.000	10.228	.228	2.28	16.893	.092	1
S4	5.0000	4.9173	-.083	-1.65	8.1498	.094	1
S3	2.5000	2.4312	-.069	-2.75	4.0571	.041	1
S2	1.2500	1.1844	-.066	-5.25	2.0046	.007	1
S1	.05000	.03916	-.011	-21.7	.11923	.001	1



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



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



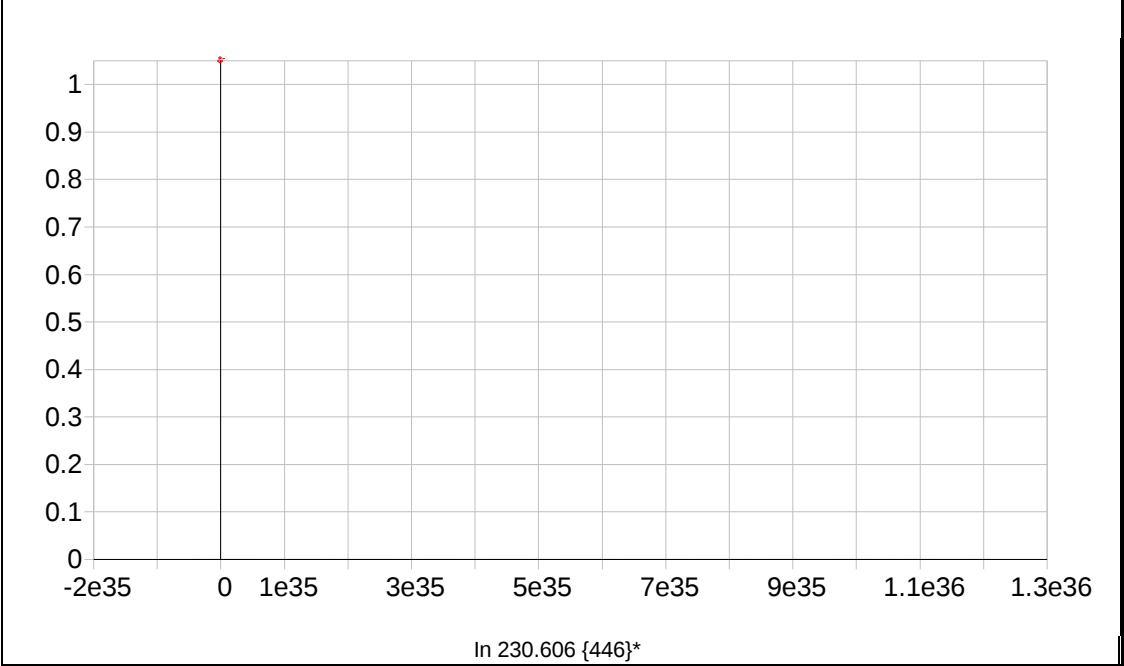
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
--------------	-----------	--------------	--------	------------	--------

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

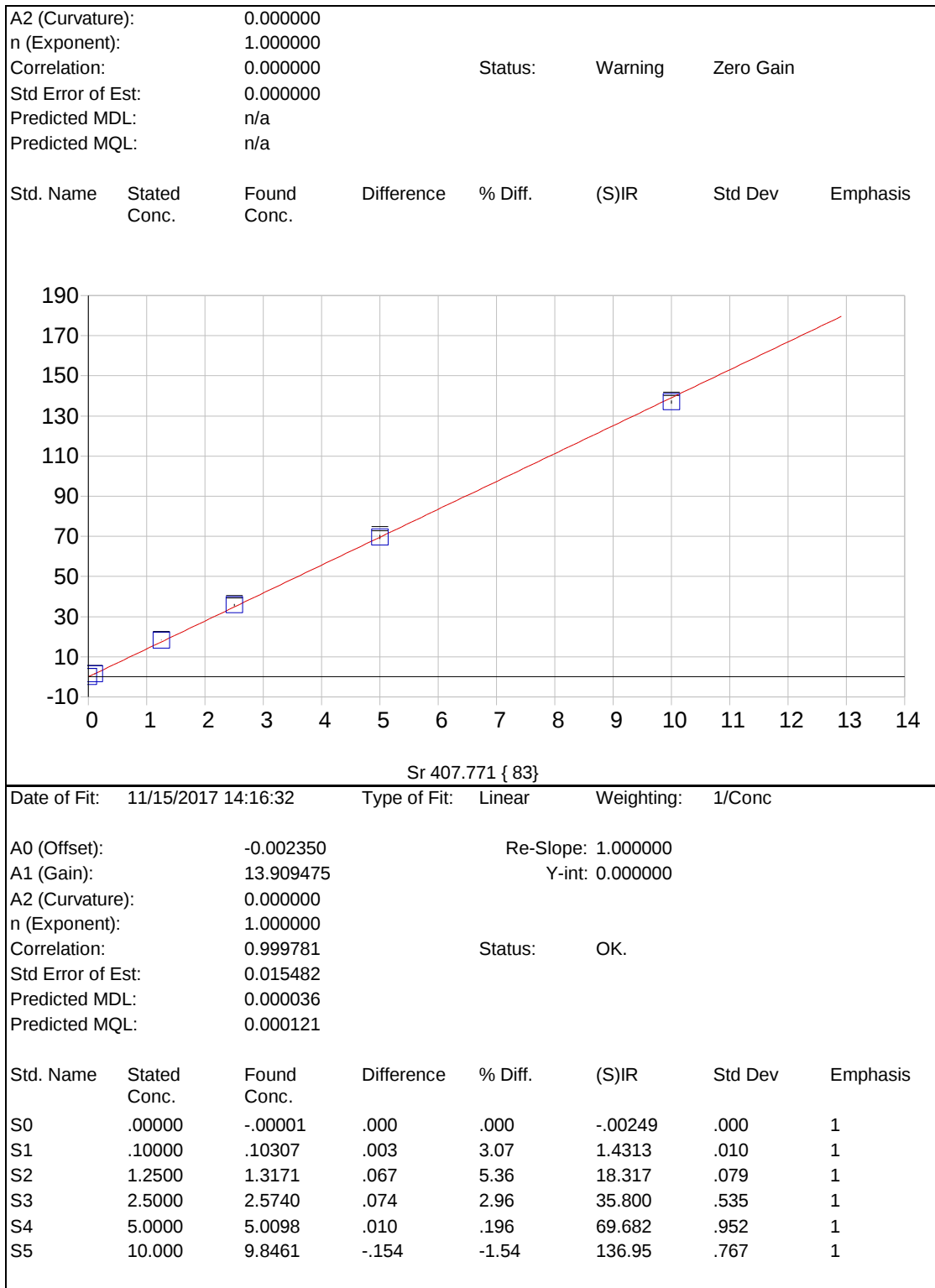


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



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



Sample Name: S0 Acquired: 11/15/2017 12:08:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	-.00016	-.00001	-.00040	.00020	.00005	.00039	-.01891	-.00173
Stddev	.00009	.00002	.00010	.00019	.00031	.00035	.00129	.00012
%RSD	58.316	407.73	24.504	93.353	594.08	90.319	6.8374	7.0150

#1	-.00025	-.00002	-.00031	.00017	-.00027	-.00001	-.01972	-.00168
#2	-.00015	.00002	-.00039	.00003	.00010	.00066	-.01959	-.00187
#3	-.00007	-.00002	-.00051	.00040	.00033	.00051	-.01742	-.00165

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	-.00036	.00175	.00002	-.00014	.00093	.00002	.00006	-.00021
Stddev	.00011	.00022	.00002	.00007	.00012	.00011	.00013	.00016
%RSD	29.101	12.761	129.27	49.133	12.854	443.49	218.35	74.375

#1	-.00030	.00150	-.00001	-.00019	.00080	-.00009	.00002	-.00011
#2	-.00048	.00185	.00004	-.00015	.00098	.00006	-.00005	-.00013
#3	-.00031	.00191	.00002	-.00006	.00102	.00011	.00020	-.00039

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	-.00027	-.00544	-.00015	.00049	.03369	.00002	.00236
Stddev	.00014	.00008	.00073	.00015	.00037	.00048	.00005	.00018
%RSD	14.971	29.206	13.331	101.62	75.152	1.4304	199.00	7.6639

#1	-.00109	-.00018	-.00570	-.00019	.00018	.03345	-.00002	.00255
#2	-.00092	-.00034	-.00462	-.00027	.00089	.03424	.00002	.00219
#3	-.00081	-.00028	-.00600	.00002	.00038	.03337	.00007	.00234

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	.00047	.00075	.00333	.00016	.00177	.05479	-.00249	
Stddev	.00012	.00002	.00012	.00003	.00024	.00194	.00023	
%RSD	25.727	2.1497	3.6372	15.945	13.350	3.5422	9.1058	

#1	.00060	.00077	.00326	.00016	.00182	.05683	-.00234	
#2	.00045	.00074	.00347	.00014	.00151	.05458	-.00275	
#3	.00036	.00075	.00326	.00019	.00197	.05296	-.00238	

Sample Name: S0 Acquired: 11/15/2017 12:08:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	1361.4	2679.9	44485.	8000.8	4272.2
Stddev	8.5	2.3	203.	33.6	8.2
%RSD	.62683	.08413	.45573	.42014	.19302
#1	1351.6	2682.1	44261.	7962.3	4281.4
#2	1367.1	2677.6	44538.	8015.6	4265.6
#3	1365.6	2680.1	44656.	8024.5	4269.5

Sample Name: S1 Acquired: 11/15/2017 12:12:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.00038	.00136	.00132	.00280	.01053	.01827	.91295	.01528
Stddev	.00006	.00007	.00020	.00006	.00021	.00038	.01004	.00014
%RSD	14.851	5.0053	14.959	2.2281	2.0246	2.0987	1.1001	.93723

#1	.00040	.00138	.00140	.00278	.01078	.01825	.91671	.01539
#2	.00041	.00129	.00109	.00274	.01044	.01867	.90157	.01512
#3	.00031	.00142	.00146	.00287	.01038	.01790	.92058	.01534

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	.00859	.27452	.00126	.03519	.00592	.00323	.00729	.03616
Stddev	.00005	.00305	.00006	.00018	.00005	.00010	.00006	.00058
%RSD	.61947	1.1113	5.0827	.49729	.85407	2.9475	.79941	1.5941

#1	.00854	.27482	.00133	.03528	.00586	.00323	.00724	.03652
#2	.00864	.27132	.00120	.03499	.00595	.00333	.00727	.03549
#3	.00859	.27740	.00124	.03531	.00596	.00314	.00736	.03646

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	.01529	.00323	.04020	.00459	.01535	.18992	.00055	.00632
Stddev	.00022	.00001	.00063	.00020	.00031	.00134	.00012	.00026
%RSD	1.4221	.27044	1.5701	4.2986	2.0162	.70701	21.102	4.0708

#1	.01555	.00324	.03962	.00473	.01562	.19072	.00051	.00643
#2	.01516	.00323	.04010	.00436	.01542	.18837	.00047	.00650
#3	.01518	.00322	.04087	.00467	.01501	.19068	.00068	.00603

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	.00679	.00282	.04215	.00057	.05151	.11923	1.4313	
Stddev	.00020	.00013	.00056	.00007	.00036	.00135	.0100	
%RSD	2.9505	4.4845	1.3244	12.121	.69778	1.1329	.69642	

#1	.00699	.00277	.04277	.00050	.05182	.11976	1.4355	
#2	.00680	.00296	.04200	.00059	.05111	.11770	1.4199	
#3	.00659	.00273	.04169	.00064	.05160	.12024	1.4384	

Sample Name: S1 Acquired: 11/15/2017 12:12:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	1379.7	2712.3	44632.	8182.2	4196.0
Stddev	2.2	26.5	196.	77.2	30.3
%RSD	.16186	.97857	.43865	.94362	.72302
#1	1378.1	2684.0	44534.	8109.8	4164.1
#2	1382.3	2716.3	44858.	8263.5	4199.6
#3	1378.8	2736.7	44505.	8173.3	4224.5

Sample Name: S2 Acquired: 11/15/2017 12:16:18 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.05711	.07877	1.0129	.08818	.22414	3.4402	11.733	.40024
Stddev	.00045	.00044	.0102	.00060	.00158	.0099	.044	.00280
%RSD	.78457	.56422	1.0102	.68432	.70618	.28885	.37688	.69865

#1	.05706	.07851	1.0100	.08818	.22272	3.4423	11.780	.40031
#2	.05669	.07852	1.0044	.08757	.22386	3.4294	11.693	.39741
#3	.05758	.07928	1.0243	.08877	.22585	3.4489	11.726	.40301

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	1.1755	3.4292	.45035	.46864	.73946	1.1213	1.7932	.46094
Stddev	.0110	.0196	.00203	.00338	.00198	.0055	.0088	.00192
%RSD	.93462	.57037	.45174	.72217	.26727	.48928	.49093	.41707

#1	1.1743	3.4082	.44998	.46787	.74166	1.1165	1.7842	.45939
#2	1.1652	3.4325	.44852	.46571	.73784	1.1200	1.7938	.46034
#3	1.1871	3.4469	.45254	.47235	.73887	1.1273	1.8018	.46309

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	.26180	.08830	.34481	.05639	.88899	1.2411	.04357	.49749
Stddev	.00219	.00067	.00115	.00030	.00925	.0025	.00033	.00224
%RSD	.83560	.76022	.33289	.53212	1.0402	.19933	.74706	.45078

#1	.26113	.08758	.34557	.05631	.87872	1.2438	.04323	.49632
#2	.26003	.08844	.34349	.05614	.89160	1.2390	.04359	.49608
#3	.26425	.08890	.34537	.05673	.89665	1.2404	.04388	.50008

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	.78748	.02993	.50564	.08788	.63149	2.0046	18.317	
Stddev	.00491	.00034	.00279	.00096	.00290	.0072	.079	
%RSD	.62353	1.1493	.55204	1.0936	.45910	.35950	.43191	

#1	.78528	.02971	.50862	.08755	.63272	2.0114	18.362	
#2	.78405	.02974	.50308	.08713	.62818	1.9971	18.226	
#3	.79310	.03032	.50521	.08897	.63356	2.0053	18.363	

Sample Name: S2 Acquired: 11/15/2017 12:16:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	1278.0	2502.1	41441.	8003.1	3526.1
Stddev	6.7	8.1	239.	17.9	15.4
%RSD	.52407	.32467	.57684	.22381	.43558
#1	1285.6	2504.8	41670.	8010.3	3530.3
#2	1273.2	2508.5	41460.	8016.3	3538.9
#3	1275.1	2492.9	41193.	7982.7	3509.0

Sample Name: S3 Acquired: 11/15/2017 12:20:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.11697	.15396	2.0259	.17932	.45580	6.9552	23.579	.79667
Stddev	.00120	.00182	.0190	.00158	.00457	.0440	.191	.00273
%RSD	1.0297	1.1829	.93853	.87860	1.0026	.63310	.80840	.34328

#1	.11761	.15494	2.0255	.17972	.45717	6.9311	23.494	.79447
#2	.11558	.15186	2.0070	.17758	.45070	6.9284	23.446	.79581
#3	.11771	.15507	2.0451	.18065	.45952	7.0060	23.797	.79973

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3871	6.8744	.88481	.95255	1.4862	2.2102	3.5353	.93646
Stddev	.0215	.0702	.00356	.00957	.0162	.0184	.0359	.00788
%RSD	.89940	1.0216	.40272	1.0043	1.0864	.83451	1.0153	.84142

#1	2.3884	6.8258	.88482	.95430	1.4773	2.1969	3.5148	.92979
#2	2.3650	6.8424	.88837	.94223	1.4764	2.2025	3.5143	.93444
#3	2.4079	6.9549	.88125	.96113	1.5048	2.2313	3.5767	.94516

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	.52995	.18449	.69827	.11186	1.8551	2.4789	.09234	.96826
Stddev	.00534	.00064	.00537	.00112	.0124	.0177	.00089	.00248
%RSD	1.0085	.34563	.76861	1.0055	.66702	.71501	.95967	.25635

#1	.53020	.18509	.69574	.11067	1.8551	2.4681	.09258	.96802
#2	.52448	.18382	.69464	.11201	1.8428	2.4693	.09136	.96590
#3	.53516	.18456	.70444	.11291	1.8675	2.4994	.09308	.97085

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	1.5670	.06193	.95979	.17846	1.2517	4.0571	35.800	
Stddev	.0164	.00059	.00250	.00210	.0108	.0414	.535	
%RSD	1.0455	.94846	.26020	1.1763	.86588	1.0200	1.4946	

#1	1.5733	.06204	.96022	.17881	1.2449	4.0374	36.140	
#2	1.5484	.06130	.95711	.17621	1.2460	4.0292	36.077	
#3	1.5793	.06246	.96205	.18036	1.2642	4.1046	35.184	

Sample Name: S3 Acquired: 11/15/2017 12:20:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	1210.9	2388.9	39882.	7917.7	3255.9
Stddev	12.5	21.3	124.	15.6	28.2
%RSD	1.0286	.89176	.31050	.19702	.86594
#1	1197.5	2376.3	39743.	7923.0	3243.9
#2	1222.0	2413.5	39981.	7930.1	3288.2
#3	1213.3	2376.8	39922.	7900.2	3235.8

Sample Name: S4 Acquired: 11/15/2017 12:24:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.23824	.29114	3.9563	.35743	.92520	13.954	46.081	1.5591
Stddev	.00256	.00363	.0404	.00376	.00670	.121	.300	.0112
%RSD	1.0726	1.2466	1.0218	1.0525	.72407	.86901	.65009	.72078

#1	.23734	.29248	3.9476	.35617	.92173	14.028	46.403	1.5581
#2	.23625	.28703	3.9209	.35446	.92095	13.814	45.810	1.5484
#3	.24112	.29391	4.0003	.36166	.93292	14.019	46.030	1.5708

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	4.6925	13.504	1.6995	1.8850	2.9377	4.2523	6.7832	1.8598
Stddev	.0496	.074	.0092	.0184	.0280	.0239	.0370	.0137
%RSD	1.0571	.54993	.54025	.97828	.95411	.56105	.54503	.73844

#1	4.6881	13.533	1.6889	1.8791	2.9534	4.2663	6.8090	1.8632
#2	4.6453	13.419	1.7054	1.8702	2.9054	4.2247	6.7409	1.8447
#3	4.7442	13.559	1.7042	1.9056	2.9544	4.2658	6.7997	1.8715

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	1.0425	.39204	1.3898	.21699	3.8456	4.9324	.18876	1.8433
Stddev	.0112	.00234	.0110	.00176	.0374	.0520	.00340	.0130
%RSD	1.0759	.59690	.79460	.81015	.97357	1.0535	1.7987	.70507

#1	1.0398	.38982	1.3958	.21735	3.8594	4.9699	.19071	1.8468
#2	1.0329	.39448	1.3770	.21508	3.8742	4.8731	.18484	1.8289
#3	1.0548	.39183	1.3966	.21854	3.8032	4.9542	.19073	1.8542

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	3.0716	.12617	1.8361	.35176	2.4363	8.1498	69.682	
Stddev	.0281	.00199	.0153	.00367	.0187	.0935	.952	
%RSD	.91480	1.5798	.83456	1.0435	.76592	1.1477	1.3660	

#1	3.0636	.12640	1.8383	.35197	2.4523	8.1964	70.022	
#2	3.0483	.12407	1.8198	.34799	2.4158	8.0421	68.606	
#3	3.1028	.12804	1.8502	.35532	2.4409	8.2108	70.416	

Sample Name: S4 Acquired: 11/15/2017 12:24:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	1128.2	2233.1	37979.	7832.7	2965.1
Stddev	11.7	14.8	264.	45.0	21.0
%RSD	1.0400	.66396	.69514	.57481	.70763
#1	1127.1	2235.6	38063.	7798.0	2964.4
#2	1117.1	2246.5	37684.	7883.6	2986.5
#3	1140.5	2217.1	38191.	7816.6	2944.5

Sample Name: S5 Acquired: 11/15/2017 12:28:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.49384	.54400	7.6194	.72925	1.9259	28.559	92.353	3.1690
Stddev	.00488	.00280	.0449	.00441	.0190	.151	.207	.0226
%RSD	.98736	.51404	.58955	.60425	.98500	.52901	.22429	.71267

#1	.49872	.54446	7.6607	.73347	1.9465	28.673	92.365	3.1842
#2	.49383	.54653	7.6260	.72959	1.9218	28.616	92.555	3.1798
#3	.48897	.54100	7.5716	.72468	1.9092	28.388	92.141	3.1430

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	9.0751	26.810	3.3228	3.6668	6.0663	8.2635	13.212	3.7073
Stddev	.0596	.112	.0847	.0230	.0313	.0365	.045	.0126
%RSD	.65658	.41782	2.5490	.62695	.51627	.44176	.33704	.33841

#1	9.1271	26.759	3.2980	3.6884	6.0919	8.2509	13.215	3.7073
#2	9.0880	26.938	3.4172	3.6693	6.0757	8.3046	13.254	3.7199
#3	9.0101	26.732	3.2533	3.6426	6.0314	8.2349	13.165	3.6948

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	2.0060	.70596	2.8273	.42800	8.0325	10.146	.37923	3.4913
Stddev	.0135	.01942	.0192	.00223	.2132	.069	.00198	.0261
%RSD	.67260	2.7507	.67727	.51988	2.6536	.67943	.52118	.74780

#1	2.0187	.69617	2.8377	.42851	7.8866	10.224	.37920	3.5060
#2	2.0076	.72833	2.8390	.42992	8.2771	10.121	.38122	3.5068
#3	1.9919	.69339	2.8052	.42556	7.9338	10.093	.37727	3.4612

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	6.0468	.25334	3.6208	.68072	4.8192	16.893	136.95	
Stddev	.0485	.00134	.0224	.00504	.0327	.092	.77	
%RSD	.80227	.52698	.61745	.74088	.67818	.54289	.55978	

#1	6.0899	.25323	3.6304	.68417	4.8347	16.970	137.83	
#2	6.0562	.25473	3.6367	.68306	4.8413	16.917	136.60	
#3	5.9943	.25206	3.5952	.67493	4.7817	16.791	136.43	

Sample Name: S5 Acquired: 11/15/2017 12:28:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	997.28	2024.6	35131.	7580.2	2662.9
Stddev	23.48	12.4	902.	25.8	12.5
%RSD	2.3541	.61419	2.5678	.34059	.46802
#1	1012.7	2012.0	35610.	7568.8	2650.7
#2	970.27	2024.9	34090.	7562.0	2662.4
#3	1008.9	2036.9	35692.	7609.7	2675.7

Sample Name: S6 Acquired: 11/15/2017 12:32:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	74.825	43.723	21.462	5.9185	7.7646
Stddev	.425	.384	.115	.0272	.0555
%RSD	.56768	.87796	.53391	.46003	.71428

#1	75.295	44.095	21.574	5.9430	7.7950
#2	74.469	43.747	21.345	5.8892	7.7981
#3	74.711	43.328	21.466	5.9233	7.7006

Int. Std.	Y_3710
Units	Cts/S
Avg	7358.2
Stddev	50.9
%RSD	.69141

#1	7299.6
#2	7384.7
#3	7390.4

Sample Name: ICV Acquired: 11/15/2017 12:40:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.9399884	1.065807	1.041182	.9898581	.9106573	F 2.226917
Stddev	.0094693	.008762	.011178	.0064771	.0079849	.015214
%RSD	1.007385	.8220562	1.073563	.6543424	.8768293	.6831744

#1	.9347680	1.062544	1.034254	.9902930	.9093209	2.244407
#2	.9342783	1.059145	1.035216	.9831745	.9034249	2.216748
#3	.9509190	1.075732	1.054078	.9961067	.9192261	2.219596

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5044100	.4820521	.4831869	9.888731	.5260993	.4895335
Stddev	.0015114	.0007212	.0061173	.031712	.0089261	.0054414
%RSD	.2996407	.1496204	1.266040	.3206843	1.696665	1.111540

#1	.5060599	.4827136	.4789067	9.855127	.5364022	.4855240
#2	.5030924	.4812831	.4804607	9.892937	.5212016	.4873489
#3	.5040776	.4821597	.4901934	9.918130	.5206942	.4957277

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4980304	5.405022	.5281860	5.645020	.5030355	F .5813346
Stddev	.0011562	.034472	.0014979	.024750	.0050329	.0103441
%RSD	.2321592	.6377687	.2835909	.4384357	1.000510	1.779374

#1	.4972890	5.444431	.5277478	5.629088	.4999606	.5932790
#2	.4993627	5.380467	.5269560	5.632439	.5003023	.5753567
#3	.4974396	5.390170	.5298541	5.673533	.5088437	.5753682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.522400	.4827088	.9892319	F 8.951168	F -.001144	F 2.821995
Stddev	.091992	.0034879	.0169139	.060156	.001522	.003342
%RSD	.9660593	.7225765	1.709797	.6720498	133.0050	.1184266

#1	9.624551	.4867163	1.008720	9.010339	-.002851	2.822801
#2	9.496551	.4810524	.980598	8.890073	-.000655	2.818324
#3	9.446097	.4803577	.978378	8.953091	.000073	2.824860

Sample Name: ICV Acquired: 11/15/2017 12:40:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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 2.541174	.0005970	2.431989	F 2.356343	2.472996	.0322200
Stddev	.022468	.0016775	.005028	.028369	.012973	.0007113
%RSD	.8841391	280.9621	.2067461	1.203944	.5246044	2.207744

#1	2.528840	-.000174	2.434287	2.337926	2.487704	.0330407
#2	2.527576	-.000557	2.426223	2.342090	2.463178	.0317807
#3	2.567107	.002521	2.435457	2.389012	2.468107	.0318386

Elem	Sr4077
Units	ppm
Avg	.0448940
Stddev	.0004147
%RSD	.9237687

#1	.0453346
#2	.0445113
#3	.0448361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.729	2618.040	42819.54	8322.654	3989.761
Stddev	19.925	10.524	711.63	11.600	16.161
%RSD	1.512075	.4019632	1.661927	.1393812	.4050679

#1	1294.721	2617.141	42004.90	8310.445	3996.177
#2	1329.290	2628.985	43133.60	8333.531	4001.729
#3	1329.174	2607.995	43320.11	8323.987	3971.377

Sample Name: ICB Acquired: 11/15/2017 12:49:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	-.000912	-.002111	.0020646	.0016858	.0007833	-.007144	-.000438
Stddev	.001975	.000682	.0020193	.0016182	.0002147	.003272	.000153
%RSD	216.5290	32.31670	97.80435	95.98786	27.40701	45.79737	34.90677

#1	-.003164	-.001877	.0041026	.0034251	.0005879	-.004499	-.000453
#2	-.000100	-.002880	.0020266	.0002249	.0007490	-.010803	-.000582
#3	.000528	-.001577	.0000646	.0014075	.0010131	-.006131	-.000278

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000242	-.000025	.0003079	-.000434	.0001335	.0004539	.0016541
Stddev	.0000256	.000111	.0060031	.000252	.0002050	.0006570	.0046568
%RSD	105.8824	437.5730	1949.803	58.08190	153.5775	144.7416	281.5403

#1	.0000047	.000089	-.006446	-.000152	.0002755	.0011426	.0049927
#2	.0000531	-.000131	.005037	-.000512	.0002264	.0003851	-.003666
#3	.0000147	-.000034	.002332	-.000639	-.000102	-.000166	.003635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000244	.0141166	.0000688	.0004481	.0236530	.0004812	-.002611
Stddev	.000252	.0050157	.0001013	.0001505	.0990932	.0021999	.001856
%RSD	103.4039	35.53014	147.3494	33.59298	418.9452	457.1690	71.07172

#1	-.000032	.0169733	.0001543	.0006069	.1369154	.0025512	-.000632
#2	-.000523	.0083252	.0000952	.0003074	-.047056	-.001829	-.004313
#3	-.000177	.0170513	-.000043	.0004300	-.018900	.000721	-.002889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.117347	-.000012	-.000225	.0001536	-.001626	-.000334	.0001801
Stddev	.017525	.001748	.000442	.0001757	.002285	.001056	.0006622
%RSD	14.93420	14530.63	196.2935	114.3624	140.5438	316.1065	367.7520

#1	-.133801	.002002	-.000635	.0003540	-.002844	-.001549	-.000562
#2	-.098919	-.001144	-.000284	.0000260	.001010	.000182	.000709
#3	-.119322	-.000894	.000243	.0000809	-.003044	.000365	.000393

Sample Name: ICB Acquired: 11/15/2017 12:49:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	-.000417	-.003152	-.000034
Stddev	.000463	.000305	.000022
%RSD	110.9623	9.673642	64.92487

#1	-.000640	-.003448	-.000057
#2	.000115	-.002839	-.000013
#3	-.000726	-.003169	-.000032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.221	2705.306	43864.37	8337.938	4334.484
Stddev	15.115	44.508	636.75	139.064	62.691
%RSD	1.134572	1.645220	1.451641	1.667841	1.446341

#1	1315.302	2654.306	43222.27	8355.077	4262.305
#2	1344.391	2725.307	44495.64	8191.099	4365.796
#3	1336.971	2736.305	43875.20	8467.638	4375.352

Sample Name: ICSA Acquired: 11/15/2017 12:53:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	-.005358	-.000444	-.003939	-.006168	.0049992	230.2657
Stddev	.001708	.002541	.002068	.001259	.0011608	1.8257
%RSD	31.87550	571.9370	52.51098	20.41162	23.22004	.7928778

#1	-.005365	.000365	-.001615	-.004745	.0062537	231.2454
#2	-.007062	.001594	-.005578	-.006626	.0047808	228.1593
#3	-.003646	-.003291	-.004623	-.007135	.0039631	231.3925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057956	.0011641	-.000281	239.5090	.0538233	.0011707
Stddev	.0001718	.0000883	.000055	.9596	.0005834	.0000848
%RSD	2.964062	7.583420	19.53909	.4006324	1.083848	7.240244

#1	.0056059	.0012626	-.000220	239.7321	.0534331	.0012090
#2	.0058403	.0011377	-.000326	238.4576	.0535428	.0012297
#3	.0059406	.0010920	-.000296	240.3374	.0544939	.0010736

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027263	101.6913	.0158187	248.8419	.0033046	.0007565
Stddev	.0003114	.7707	.0007872	1.2949	.0004746	.0004666
%RSD	11.42093	.7578777	4.976483	.5203669	14.36222	61.67715

#1	.0026651	101.9539	.0150396	249.3943	.0038521	.0012206
#2	.0030638	100.8237	.0166137	247.3624	.0030093	.0007615
#3	.0024501	102.2964	.0158028	249.7690	.0030524	.0002875

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2116098	.0021273	-.023927	-.128446	-.002595	F -.273763
Stddev	.1048013	.0010910	.003443	.023243	.001204	.001786
%RSD	49.52571	51.28688	14.38884	18.09551	46.40467	.6522668

#1	.0912380	.0014752	-.026493	-.140368	-.002406	-.275763
#2	.2610123	.0033869	-.025274	-.143308	-.001496	-.272329
#3	.2825792	.0015199	-.020014	-.101661	-.003882	-.273197

Sample Name: ICSA Acquired: 11/15/2017 12:53:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.0008685	.0207068	-.003384	.0013254	-.000564	-.002464
Stddev	.0003383	.0081285	.000629	.0012227	.000167	.000580
%RSD	38.95087	39.25512	18.60047	92.24691	29.64655	23.55023

#1	.0006853	.0183266	-.002695	.0006303	-.000729	-.001794
#2	.0006612	.0140341	-.003529	.0006088	-.000395	-.002794
#3	.0012588	.0297596	-.003928	.0027372	-.000568	-.002805

Elem	Sr4077
Units	ppm
Avg	.0992279
Stddev	.0008433
%RSD	.8498237

#1	.0996232
#2	.0982596
#3	.0998009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1182.078	2362.528	38341.63	8138.616	3161.942
Stddev	13.859	10.061	442.69	37.893	14.757
%RSD	1.172444	.4258418	1.154591	.4655932	.4667159

#1	1181.558	2369.261	38301.92	8100.373	3171.219
#2	1196.191	2350.963	38802.84	8176.149	3144.924
#3	1168.487	2367.361	37920.14	8139.326	3169.681

Sample Name: ICSAB Acquired: 11/15/2017 12:57:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	.0960180	.1072373	.0513881	.0443285	.5609684	229.1965
Stddev	.0058318	.0034895	.0020395	.0019475	.0068382	1.0928
%RSD	6.073670	3.253985	3.968910	4.393373	1.219007	.4767960

#1	.0983367	.1081019	.0524510	.0422788	.5578361	227.9950
#2	.0893834	.1033968	.0526768	.0445521	.5562574	229.4635
#3	.1003338	.1102133	.0490367	.0461545	.5688118	230.1311

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5096959	.4859041	1.019559	239.8542	.5577228	.5061862
Stddev	.0013611	.0018635	.019177	1.7991	.0015017	.0102959
%RSD	.2670430	.3835136	1.880949	.7500796	.2692532	2.034014

#1	.5087422	.4852310	1.018216	237.9476	.5571678	.5058219
#2	.5090910	.4844707	1.001089	240.0930	.5565776	.4960773
#3	.5112546	.4880106	1.039373	241.5220	.5594230	.5166594

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4962327	101.2728	.5244581	248.7285	1.017142	F .2494971
Stddev	.0027324	.5349	.0038917	1.8038	.019968	.0005584
%RSD	.5506198	.5281370	.7420376	.7252034	1.963188	.2238256

#1	.4987530	100.6993	.5199729	246.8529	1.014684	.2490576
#2	.4933288	101.3611	.5264606	248.8819	.998517	.2493082
#3	.4966161	101.7580	.5269408	250.4507	1.038226	.2501255

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2316128	.4960840	1.024479	-.278501	-.004669	F .6515205
Stddev	.1133403	.0031868	.006529	.018075	.001225	.0067468
%RSD	48.93525	.6423935	.6372973	6.489956	26.23500	1.035551

#1	.3541296	.4962466	1.019468	-.270887	-.003715	.6479535
#2	.2102071	.4991863	1.031863	-.265480	-.006051	.6473060
#3	.1305016	.4928189	1.022107	-.299137	-.004242	.6593021

Sample Name: ICSAB Acquired: 11/15/2017 12:57:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) 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	F .8566694	.0123326	.7604245	F .8731553	.8161558	-.007473
Stddev	.0241729	.0051886	.0052805	.0226313	.0089055	.000296
%RSD	2.821727	42.07192	.6944150	2.591897	1.091148	3.961092

#1	.8478241	.0065998	.7549877	.8645342	.8062367	-.007146
#2	.8381650	.0136915	.7607523	.8561015	.8187665	-.007723
#3	.8840191	.0167066	.7655335	.8988301	.8234640	-.007548

Elem	Sr4077
Units	ppm
Avg	.1001945
Stddev	.0003706
%RSD	.3699005

#1	.0997990
#2	.1005338
#3	.1002506

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1192.418	2370.281	38694.81	8152.142	3182.247
Stddev	8.272	38.811	46.40	30.949	48.335
%RSD	.6936914	1.637402	.1199135	.3796459	1.518892

#1	1191.649	2373.630	38730.44	8173.267	3188.887
#2	1184.557	2407.308	38642.34	8166.543	3226.918
#3	1201.047	2329.904	38711.66	8116.617	3130.935

Sample Name: CCV073 Acquired: 11/15/2017 13:01:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.168582	4.858141	25.44723	5.193823	5.109709	368.0948
Stddev	.063303	.046004	.26796	.059848	.048673	6.7688
%RSD	1.224761	.9469396	1.052993	1.152290	.9525496	1.838866

#1	5.106937	4.810445	25.16191	5.127971	5.053794	372.3189
#2	5.165386	4.861737	25.48625	5.208600	5.132755	371.6778
#3	5.233422	4.902242	25.69355	5.244899	5.142578	360.2877

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07126	.4988674	2.638986	F 353.0718	15.75612	2.603460
Stddev	.19990	.0068266	.027154	5.9695	.25785	.025126
%RSD	1.984854	1.368415	1.028941	1.690735	1.636500	.9651040

#1	10.19000	.5033063	2.609462	355.6787	15.66317	2.575942
#2	10.18332	.5022892	2.644606	357.2944	15.55763	2.609258
#3	9.84047	.4910066	2.662890	346.2422	16.04755	2.625181

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30563	382.3358	14.82802	F 353.4698	2.587222	F 1.105038
Stddev	.23646	6.1053	.25863	5.8366	.027076	.019076
%RSD	1.544897	1.596840	1.744193	1.651241	1.046529	1.726235

#1	15.44020	385.4137	14.94742	356.5412	2.558554	1.092378
#2	15.44408	386.2895	15.00538	357.1295	2.590752	1.095758
#3	15.03260	375.3042	14.53126	346.7388	2.612360	1.126978

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	369.5757	2.465083	15.43889	147.8153	5.213079	F 4.224487
Stddev	5.9507	.038671	.11216	2.6437	.050480	.049355
%RSD	1.610153	1.568766	.7264947	1.788537	.9683307	1.168305

#1	373.0770	2.479302	15.35519	149.7536	5.169650	4.250955
#2	372.9454	2.494632	15.39515	148.8886	5.201124	4.254962
#3	362.7049	2.421315	15.56633	144.8037	5.268463	4.167544

Sample Name: CCV073 Acquired: 11/15/2017 13:01:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081113	5.310539	4.992313	5.135913	4.906181	5.127119
Stddev	.058451	.064129	.067230	.051063	.089093	.062931
%RSD	1.150360	1.207589	1.346674	.9942397	1.815933	1.227418

#1	5.013866	5.243851	5.020883	5.079723	4.960180	5.171065
#2	5.109741	5.316006	5.040540	5.148534	4.955014	5.155265
#3	5.119731	5.371759	4.915516	5.179483	4.803348	5.055027

Elem	Sr4077
Units	ppm
Avg	5.104111
Stddev	.052852
%RSD	1.035480

#1	5.148570
#2	5.118088
#3	5.045676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1048.169	2118.142	35553.82	7906.211	2728.010
Stddev	9.861	20.669	543.22	117.414	23.970
%RSD	.9407722	.9757946	1.527894	1.485086	.8786541

#1	1050.104	2141.973	35794.44	7825.551	2755.121
#2	1056.918	2107.348	35935.17	7852.166	2719.282
#3	1037.483	2105.105	34931.84	8040.915	2709.627

Sample Name: CCB073 Acquired: 11/15/2017 13:06:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017299	.0015464	.0012580	.0006114	.0000277	.0022298	-.000291
Stddev	.0023140	.0015163	.0009175	.0005767	.0005538	.0042171	.000317
%RSD	133.7635	98.04893	72.92826	94.32101	2000.532	189.1216	109.0875

#1	-.000312	.0019313	.0009278	.0011542	.0002414	.0068889	-.000252
#2	.001259	.0028332	.0022949	.0000060	.0004427	-.001326	-.000625
#3	.004243	-.000125	.0005514	.0006740	-.000601	.001126	.000005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000440	-.000011	.0029953	-.000150	.0000239	.0002717	.0083222
Stddev	.0000505	.000022	.0047225	.000018	.0001310	.0010353	.0080966
%RSD	114.8116	190.8672	157.6630	12.13909	547.8364	381.0250	97.28931

#1	.0000154	-.000001	.0084248	-.000130	.0001101	.0009333	.0169694
#2	.0001023	.000003	-.000158	-.000154	.0000885	-.000921	.0070766
#3	.0000143	-.000036	.000719	-.000166	-.000127	.000803	.0009206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001778	.0027174	.0000798	.0004767	.0800540	.0028436	-.002330
Stddev	.0001828	.0165192	.0002459	.0001045	.0987861	.0012043	.000601
%RSD	102.8112	607.8951	308.1270	21.93238	123.3993	42.34938	25.79094

#1	-.000033	-.000993	-.000086	.0004690	.1169781	.0021599	-.002316
#2	.000268	.020776	-.000037	.0003762	.1550593	.0042341	-.001737
#3	.000298	-.011631	.000362	.0005848	-.031875	.0021368	-.002938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018446	.0016203	.0022552	.0004977	.0005624	-.000691	.0002462
Stddev	.026007	.0026991	.0004204	.0002990	.0030795	.000139	.0009140
%RSD	140.9864	166.5737	18.63992	60.07648	547.5629	20.11300	371.1859

#1	-.006427	.0046954	.0017706	.0007382	.0014234	-.000752	-.000769
#2	-.048288	-.000356	.0024735	.0005921	.0031198	-.000790	.001004
#3	-.000623	.000522	.0025216	.0001629	-.002856	-.000532	.000504

Sample Name: CCB073 Acquired: 11/15/2017 13:06:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB073 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000089	.0000996	.0000121
Stddev	.000796	.0012877	.0000119
%RSD	894.3021	1292.879	98.99829

#1	.000165	.0014399	.0000164
#2	-.000981	-.000013	.0000212
#3	.000549	-.001128	-.000001

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.915	2692.572	44361.90	8461.889	4318.621
Stddev	16.354	16.231	288.77	65.630	31.651
%RSD	1.207893	.6028217	.6509393	.7755902	.7328860

#1	1335.814	2691.338	44033.79	8402.050	4331.778
#2	1358.304	2709.385	44474.51	8451.539	4341.571
#3	1367.626	2676.993	44577.40	8532.079	4282.514

Sample Name: I6163-03 Acquired: 11/15/2017 13:10:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293090	.0004045	.0582730	.0048344	.0016436	39.20617	.1185658
Stddev	.0036785	.0010428	.0018183	.0021305	.0006152	.20178	.0005985
%RSD	12.55070	257.8059	3.120341	44.06970	37.43082	.5146617	.5047638

#1	.0268995	-.000420	.0573647	.0072526	.0014954	38.98973	.1180544
#2	.0274844	.000057	.0603665	.0032339	.0011160	39.23970	.1184189
#3	.0335431	.001577	.0570879	.0040167	.0023193	39.38909	.1192240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010366	-.000084	1.392696	.0370840	.0032344	.0243851	12.13060
Stddev	.0000580	.000032	.008161	.0006826	.0001818	.0011167	.08234
%RSD	5.594189	38.14841	.5859847	1.840798	5.621065	4.579546	.6787904

#1	.0010332	-.000072	1.384158	.0378716	.0031158	.0234727	12.03980
#2	.0010961	-.000061	1.400419	.0367167	.0031437	.0240523	12.15158
#3	.0009803	-.000121	1.393513	.0366636	.0034438	.0256305	12.20043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033685	.8702815	.0149923	.0002056	.0770081	.0386709	.0717490
Stddev	.0005382	.0128395	.0003269	.0000677	.0373030	.0012588	.0022940
%RSD	.5206829	1.475323	2.180517	32.95205	48.44033	3.255229	3.197308

#1	.1039682	.8582803	.0146481	.0002696	.0564770	.0375593	.0699069
#2	.1029274	.8838207	.0150301	.0001346	.1200664	.0384157	.0743186
#3	.1032097	.8687436	.0152987	.0002125	.0544808	.0400378	.0710216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.073174	1.841393	-.028163	.0012497	.4280080	11.79644	.0041995
Stddev	.019160	.013393	.000712	.0002927	.0069491	.01786	.0011334
%RSD	26.18469	.7273414	2.528338	23.41982	1.623579	.1514264	26.98793

#1	-.081228	1.835740	-.027344	.0015811	.4230355	11.80412	.0029928
#2	-.051301	1.856686	-.028631	.0010268	.4359481	11.80918	.0052415
#3	-.086993	1.831753	-.028515	.0011412	.4250403	11.77602	.0043641

Sample Name: I6163-03 Acquired: 11/15/2017 13:10:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0EJ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2258769	-.009147	.0127688
Stddev	.0011898	.000225	.0000162
%RSD	.5267673	2.454709	.1272967

#1	.2246026	-.009099	.0127869
#2	.2260690	-.009391	.0127556
#3	.2269589	-.008950	.0127638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.894	2674.193	44543.18	8612.053	4066.140
Stddev	4.196	33.695	118.96	8.055	44.439
%RSD	.3115162	1.260002	.2670650	.0935319	1.092894

#1	1350.814	2706.056	44416.77	8619.398	4112.681
#2	1342.468	2677.600	44559.85	8603.439	4061.585
#3	1347.399	2638.925	44652.93	8613.323	4024.155

Sample Name: I6163-04 Acquired: 11/15/2017 13:14:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EJ1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258940	.0004209	.0589744	.0035884	.0002062	38.63243	.1170985
Stddev	.0029382	.0003360	.0010535	.0013561	.0007702	.34784	.0010614
%RSD	11.34687	79.82809	1.786382	37.78967	373.5347	.9003866	.9063983

#1	.0239432	.0005907	.0595528	.0047594	-.000683	38.25954	.1160024
#2	.0244655	.0000339	.0577584	.0021026	.000649	38.68962	.1171717
#3	.0292733	.0006382	.0596120	.0039033	.000653	38.94813	.1181214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010064	-.000092	1.364032	.0364197	.0033155	.0225689	11.94604
Stddev	.0000552	.000057	.020961	.0004873	.0000531	.0007384	.11224
%RSD	5.485423	62.19238	1.536682	1.338012	1.602602	3.271587	.9395450

#1	.0009430	-.000055	1.343634	.0359797	.0033648	.0224859	11.82746
#2	.0010321	-.000063	1.362949	.0363358	.0033225	.0233452	11.96004
#3	.0010441	-.000158	1.385513	.0369435	.0032592	.0218755	12.05063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016258	.8471338	.0148645	.0004853	.0298193	.0370655	.0734514
Stddev	.0010965	.0424043	.0002775	.0003229	.0365067	.0027017	.0002298
%RSD	1.078978	5.005625	1.867132	66.53360	122.4261	7.289042	.3128394

#1	.1007765	.8175785	.0148606	.0001162	.0212738	.0370458	.0735011
#2	.1028637	.8281034	.0145890	.0007152	.0698408	.0397771	.0736523
#3	.1012372	.8957196	.0151440	.0006243	-.001657	.0343737	.0732008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091699	1.843683	-.028565	.0009666	.4325404	11.62317	.0038005
Stddev	.015445	.052194	.000474	.0003930	.0104617	.14033	.0012595
%RSD	16.84332	2.830956	1.659144	40.66343	2.418665	1.207352	33.13954

#1	-.099680	1.856673	-.028041	.0005672	.4323453	11.48883	.0032655
#2	-.073897	1.786221	-.028691	.0009796	.4221777	11.61188	.0052392
#3	-.101521	1.888155	-.028963	.0013530	.4430983	11.76881	.0028969

Sample Name: I6163-04 Acquired: 11/15/2017 13:14:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EJ1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2217076	-.010028	.0125145
Stddev	.0023961	.000476	.0001682
%RSD	1.080766	4.750204	1.343752

#1	.2189474	-.009976	.0123688
#2	.2232532	-.010529	.0124762
#3	.2229223	-.009580	.0126985

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.253	2647.145	44395.25	8708.892	4027.604
Stddev	2.314	41.808	220.25	87.582	64.333
%RSD	.1726330	1.579364	.4961215	1.005661	1.597299

#1	1338.558	2615.595	44174.43	8797.050	3980.401
#2	1339.311	2694.564	44614.93	8707.727	4100.881
#3	1342.888	2631.276	44396.39	8621.898	4001.531

Sample Name: I6163-05 Acquired: 11/15/2017 13:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EJ1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964794	.1189177	.0968891	.0881436	.0803372	44.35871	4.067948
Stddev	.0030063	.0007512	.0013258	.0034709	.0018658	.23226	.030256
%RSD	3.116036	.6317425	1.368363	3.937781	2.322485	.5235931	.7437689

#1	.0955256	.1184082	.0954114	.0841642	.0781893	44.56523	4.102214
#2	.0998469	.1197805	.0979745	.0897200	.0812660	44.10728	4.056713
#3	.0940657	.1185646	.0972814	.0905465	.0815564	44.40364	4.044916

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908100	.0913827	1.482450	.4405298	.9394475	.5040665	14.68472
Stddev	.0000871	.0014959	.008852	.0030515	.0133613	.0026867	.08691
%RSD	.0959041	1.636914	.5971140	.6926965	1.422256	.5330144	.5918385

#1	.0907900	.0898848	1.472464	.4407350	.9247897	.5065115	14.68147
#2	.0909054	.0913867	1.485552	.4434735	.9426064	.5044978	14.59948
#3	.0907347	.0928765	1.489332	.4373808	.9509463	.5011902	14.77321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121648	.9541529	.9642376	.1080970	.0976047	1.042653	1.038194
Stddev	.001164	.0249908	.0128467	.0004908	.0323445	.003637	.008315
%RSD	.1037619	2.619166	1.332313	.4540006	33.13828	.3488649	.8008789

#1	1.122898	.9531379	.9507624	.1077516	.1155214	1.043666	1.039395
#2	1.121451	.9296850	.9656041	.1086588	.0602666	1.038616	1.045843
#3	1.120596	.9796358	.9763464	.1078808	.1170262	1.045676	1.029344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025313	1.930685	-.034805	.0006290	.4162768	11.85601	.0060970
Stddev	.015730	.024103	.000389	.0001886	.0113413	.02740	.0006465
%RSD	62.14032	1.248403	1.116364	29.97664	2.724472	.2311020	10.60395

#1	-.016362	1.916095	-.035194	.0004851	.4078613	11.86268	.0068423
#2	-.016102	1.917455	-.034417	.0008424	.4117949	11.82589	.0056860
#3	-.043475	1.958505	-.034805	.0005595	.4291743	11.87946	.0057629

Sample Name: I6163-05 Acquired: 11/15/2017 13:18:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0EJ1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2267406	-.008363	.0130200
Stddev	.0006968	.000811	.0001220
%RSD	.3072976	9.702056	.9367004

#1	.2265152	-.007443	.0131432
#2	.2261845	-.008674	.0130175
#3	.2275222	-.008974	.0128993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.238	2633.031	44096.25	8617.538	4012.949
Stddev	9.874	17.349	237.14	16.713	34.578
%RSD	.7467790	.6588982	.5377720	.1939366	.8616506

#1	1311.802	2652.906	43880.38	8603.238	4052.246
#2	1323.478	2620.921	44058.28	8635.910	3999.418
#3	1331.433	2625.267	44350.08	8613.464	3987.184

Sample Name: I6163-03LX5 Acquired: 11/15/2017 13:22:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0EJ1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063177	-.000913	.0131822	.0021956	.0012788	7.695927	.0230271
Stddev	.0022251	.000937	.0012339	.0007495	.0007846	.067422	.0001399
%RSD	35.21980	102.6224	9.360588	34.13683	61.35515	.8760704	.6075898

#1	.0039286	-.000907	.0140499	.0013458	.0008886	7.758636	.0230215
#2	.0083309	-.001853	.0137270	.0027625	.0021821	7.704528	.0231697
#3	.0066934	.000021	.0117696	.0024785	.0007658	7.624618	.0228901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002596	-.000033	.2755004	.0070789	.0007303	.0043815	2.389851
Stddev	.0000257	.000061	.0066510	.0005571	.0000654	.0005987	.010191
%RSD	9.888918	183.2506	2.414158	7.869589	8.956051	13.66309	.4264378

#1	.0002550	-.000100	.2803403	.0068953	.0008042	.0050244	2.389372
#2	.0002873	-.000017	.2782445	.0077047	.0006799	.0038400	2.400274
#3	.0002366	.000018	.2679164	.0066368	.0007068	.0042801	2.379908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204066	.1928446	.0031346	.0003740	-.017735	.0078525	.0130416
Stddev	.0002383	.0075425	.0001450	.0003995	.056379	.0012181	.0010453
%RSD	1.167674	3.911202	4.624861	106.8029	317.8908	15.51280	8.014793

#1	.0204960	.2006297	.0032289	.0006710	-.068785	.0071159	.0142258
#2	.0201365	.1855706	.0032073	-.000080	.042775	.0092586	.0122472
#3	.0205872	.1923334	.0029677	.000531	-.027196	.0071830	.0126519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.179986	.3619079	-.007744	.0000237	.0862562	2.443419	.0012591
Stddev	.012562	.0047497	.000567	.0001190	.0004892	.009543	.0010930
%RSD	6.979270	1.312402	7.317493	502.1088	.5671643	.3905454	86.81017

#1	-.194487	.3565533	-.007199	.0000844	.0860067	2.454438	.0023958
#2	-.172418	.3635580	-.007703	.0001001	.0859420	2.437880	.0002158
#3	-.173055	.3656125	-.008331	-.000113	.0868198	2.437939	.0011657

Sample Name: I6163-03LX5 Acquired: 11/15/2017 13:22:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0EJ1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0440359	-.012587	.0024883
Stddev	.0006320	.000081	.0000565
%RSD	1.435117	.6470122	2.269811

#1	.0442877	-.012551	.0025340
#2	.0445032	-.012529	.0025057
#3	.0433169	-.012680	.0024252

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.626	2748.978	45906.23	8618.754	4318.395
Stddev	21.841	30.743	629.39	94.201	40.252
%RSD	1.560506	1.118330	1.371030	1.092980	.9321053

#1	1410.212	2777.156	46303.96	8512.706	4355.842
#2	1374.509	2753.587	45180.60	8650.823	4323.513
#3	1414.156	2716.191	46234.14	8692.734	4275.828

Sample Name: I6288-01A Acquired: 11/15/2017 14:00:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F31A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263903	.0101595	.3839709	.0002549	.0026516	79.00038	.3426425
Stddev	.0016178	.0010080	.0079477	.0021333	.0013239	.51003	.0019693
%RSD	6.130212	9.921694	2.069869	836.9833	49.92892	.6456035	.5747276

#1	.0248722	.0103608	.3806509	-.001874	.0040529	79.55441	.3448485
#2	.0280921	.0090660	.3782216	.000246	.0014218	78.55041	.3410617
#3	.0262066	.0110516	.3930403	.002393	.0024802	78.89630	.3420174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029750	.0001098	6.148176	.1315433	.0110582	.4095806	120.1850
Stddev	.0000295	.0001346	.040323	.0032686	.0003732	.0027769	.7746
%RSD	.9902857	122.6200	.6558490	2.484814	3.374488	.6779839	.6445032

#1	.0030065	.0000100	6.192347	.1342426	.0106353	.4123320	120.8166
#2	.0029705	.0000564	6.113338	.1279091	.0113409	.4067789	119.3207
#3	.0029481	.0002629	6.138844	.1324781	.0111985	.4096311	120.4177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3116243	1.856881	.0299365	.0015050	.4902700	.2150041	.8582033
Stddev	.0027081	.030060	.0009008	.0002126	.0556793	.0032968	.0274758
%RSD	.8690426	1.618862	3.009020	14.12569	11.35687	1.533380	3.201554

#1	.3131924	1.845725	.0290825	.0017500	.5489209	.2183280	.8757609
#2	.3084972	1.890924	.0298493	.0013948	.4381358	.2117350	.8265396
#3	.3131833	1.833993	.0308777	.0013701	.4837533	.2149493	.8723093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.163767	1.363418	-.306087	.0030248	.4529803	13.86953	.0207689
Stddev	.024458	.032536	.001560	.0003507	.0061521	.09039	.0016558
%RSD	2.101592	2.386324	.5095293	11.59489	1.358139	.6517503	7.972389

#1	1.191516	1.342444	-.307822	.0027134	.4480362	13.95571	.0209962
#2	1.154439	1.346912	-.304800	.0029563	.4510347	13.77544	.0190112
#3	1.145347	1.400898	-.305640	.0034047	.4598700	13.87744	.0222993

Sample Name: I6288-01A Acquired: 11/15/2017 14:00:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0F31A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9331356	.0058694	.0588484
Stddev	.0050559	.0004036	.0005762
%RSD	.5418215	6.875585	.9791548

#1	.9377128	.0063342	.0593991
#2	.9277086	.0056087	.0582497
#3	.9339853	.0056652	.0588965

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.598	2693.294	44602.09	8923.617	3880.058
Stddev	30.814	58.189	1044.03	95.857	80.617
%RSD	2.291677	2.160519	2.340764	1.074192	2.077721

#1	1314.212	2701.923	43590.43	8814.031	3898.615
#2	1375.823	2746.687	45675.73	8964.928	3949.777
#3	1343.760	2631.272	44540.11	8991.891	3791.780

Sample Name: CCV074 Acquired: 11/15/2017 14:04:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854255	4.502829	23.78258	4.971690	4.783765	365.0157
Stddev	.051855	.101630	.29435	.048185	.043532	9.1874
%RSD	1.068234	2.257024	1.237669	.9691853	.9099913	2.516975

#1	4.870515	4.526221	23.95739	4.988334	4.792026	355.0329
#2	4.796219	4.391542	23.44274	4.917390	4.736694	373.1161
#3	4.896031	4.590723	23.94761	5.009347	4.822574	366.8980

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.608627	.4731688	2.488482	366.7640	14.65072	2.442672
Stddev	.084185	.0074596	.035757	5.5223	.29901	.031447
%RSD	.8761444	1.576515	1.436892	1.505691	2.040929	1.287397

#1	9.516515	.4648454	2.510312	360.4224	14.74253	2.462812
#2	9.627781	.4754107	2.447217	369.3566	14.31657	2.406435
#3	9.681585	.4792504	2.507918	370.5129	14.89307	2.458768

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41677	382.6927	13.95193	369.6408	2.434213	F .9855252
Stddev	.20470	5.9193	.22429	5.6373	.029136	.0205217
%RSD	1.419903	1.546756	1.607601	1.525074	1.196945	2.082307

#1	14.18067	376.0037	13.69561	363.2789	2.452624	.9897076
#2	14.52502	384.8199	14.04798	371.6282	2.400621	.9632345
#3	14.54462	387.2544	14.11220	374.0152	2.449395	1.003634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	370.0620	2.350579	14.44032	138.6912	4.904654	F 3.941563
Stddev	4.9077	.030782	.32688	1.8280	.110724	.055913
%RSD	1.326178	1.309559	2.263677	1.318031	2.257524	1.418551

#1	364.5949	2.317559	14.53987	136.7526	4.923936	3.878458
#2	371.5036	2.355694	14.07523	138.9372	4.785556	3.961302
#3	374.0874	2.378483	14.70585	140.3837	5.004470	3.984929

Sample Name: CCV074 Acquired: 11/15/2017 14:04:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.790966	5.051811	4.733018	4.805618	4.650176	4.859982
Stddev	.048036	.120796	.066682	.073463	.062325	.069948
%RSD	1.002641	2.391150	1.408873	1.528687	1.340263	1.439262

#1	4.808367	5.104347	4.657033	4.847677	4.584838	4.780321
#2	4.736654	4.913643	4.760231	4.720791	4.656720	4.888266
#3	4.827876	5.137444	4.781791	4.848385	4.708971	4.911359

Elem	Sr4077
Units	ppm
Avg	4.906407
Stddev	.082853
%RSD	1.688664

#1	4.813473
#2	4.933200
#3	4.972547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1061.421	2119.563	36113.03	7896.966	2738.939
Stddev	18.841	13.976	644.48	99.280	23.459
%RSD	1.775118	.6593610	1.784613	1.257193	.8564885

#1	1048.542	2121.242	35773.49	8010.975	2731.231
#2	1083.046	2132.623	36856.29	7829.571	2765.282
#3	1052.675	2104.824	35709.31	7850.353	2720.305

Sample Name: CCB074 Acquired: 11/15/2017 14:12:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000800	.0008864	.0010702	.0011293	.0004478	-.004151	-.000454
Stddev	.002323	.0011574	.0003608	.0022588	.0005971	.002130	.000131
%RSD	290.4894	130.5640	33.71691	200.0110	133.3493	51.31410	28.88040

#1	.000106	.0012678	.0014713	.0011102	.0010085	-.001942	-.000572
#2	.000934	.0018050	.0007720	.0033976	-.000180	-.004320	-.000313
#3	-.003439	-.000413	.0009672	-.001120	.000515	-.006192	-.000475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000728	-.000060	-.003375	-.000212	.0000197	.0010138	.0028500
Stddev	.0000419	.000041	.001487	.000060	.0000425	.0010182	.0037880
%RSD	57.52908	69.21647	44.06241	28.34604	215.8411	100.4305	132.9106

#1	.0000276	-.000017	-.004607	-.000281	-.000017	.0021264	.0042026
#2	.0001103	-.000099	-.003796	-.000185	.000010	.0001284	-.001429
#3	.0000804	-.000063	-.001723	-.000170	.000066	.0007866	.005776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000126	.0089858	.0004565	.0005375	.0415930	.0015708	-.000696
Stddev	.000200	.0077783	.0001992	.0000578	.0371046	.0011236	.002394
%RSD	159.2069	86.56240	43.64533	10.76104	89.20886	71.53427	344.0177

#1	.000056	.0150463	.0002377	.0006042	-.000335	.0005406	-.002652
#2	-.000093	.0002149	.0006275	.0005008	.070191	.0014027	.001974
#3	-.000341	.0116963	.0005041	.0005075	.054923	.0027690	-.001410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.155508	.0004670	-.000525	.0000801	.0043281	-.000727	-.000480
Stddev	.009050	.0012018	.000488	.0001425	.0011826	.000820	.000257
%RSD	5.819719	257.3322	92.88583	177.7947	27.32339	112.7090	53.53821

#1	-.165732	.0005599	-.000358	.0002446	.0033594	-.001476	-.000187
#2	-.148521	.0016197	-.001075	-.000002	.0039789	.000148	-.000668
#3	-.152272	-.000779	-.000143	-.000003	.0056459	-.000854	-.000584

Sample Name: CCB074 Acquired: 11/15/2017 14:12:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v282) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000096	-.010296	-.000043
Stddev	.000447	.001002	.000031
%RSD	464.4765	9.734139	72.21210

#1	-.000604	-.009219	-.000047
#2	.000234	-.010467	-.000010
#3	.000082	-.011202	-.000071

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.730	2726.971	45966.66	8645.173	4375.111
Stddev	28.472	56.857	837.73	86.103	96.991
%RSD	2.031181	2.084970	1.822468	.9959664	2.216889

#1	1373.754	2756.402	45055.75	8561.340	4432.123
#2	1400.764	2763.078	46140.21	8640.800	4430.088
#3	1430.673	2661.432	46704.02	8733.379	4263.121