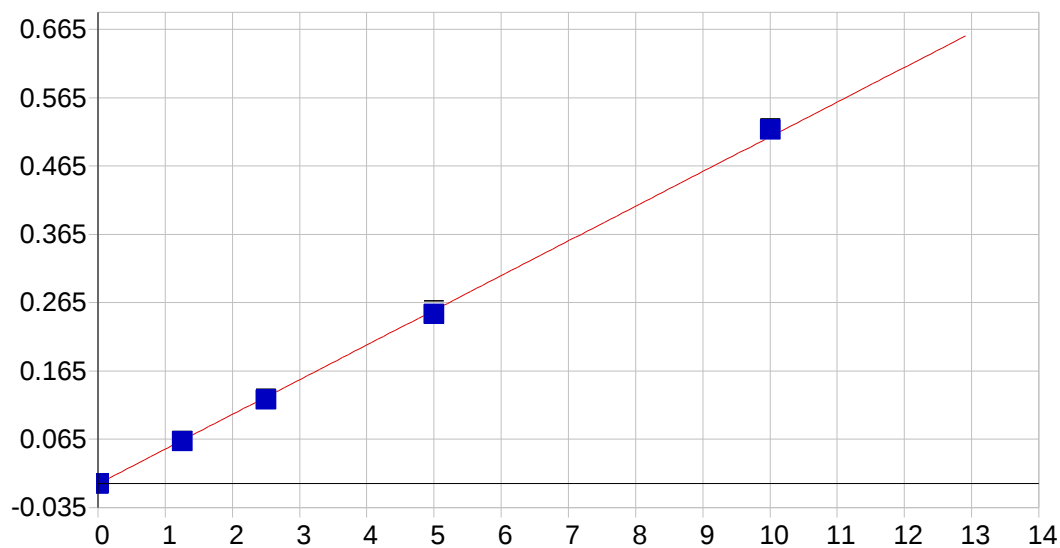


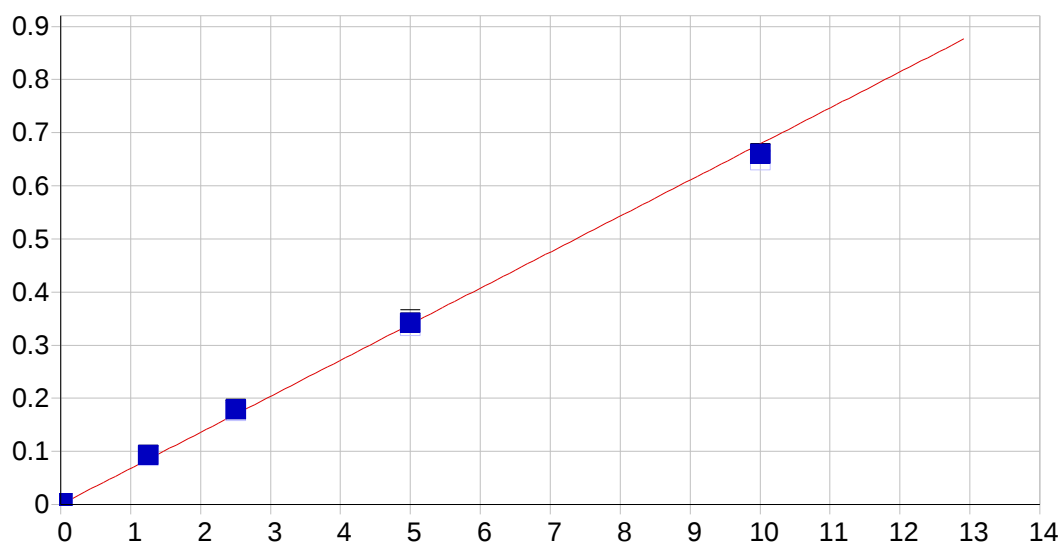


As 189.042 {479}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.050788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002520
 Predicted MQL: 0.008400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00808	-.002	-19.2	.00029	.000	1
S2	1.2500	1.2223	-.028	-2.22	.06195	.000	1
S3	2.5000	2.4304	-.070	-2.79	.12328	.000	1
S4	5.0000	4.8920	-.108	-2.16	.24827	.005	1
S5	10.000	10.207	.207	2.07	.51815	.001	1



TI 190.856 {477}

Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000075

Re-Slope: 1.000000

A1 (Gain): 0.067860

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999313

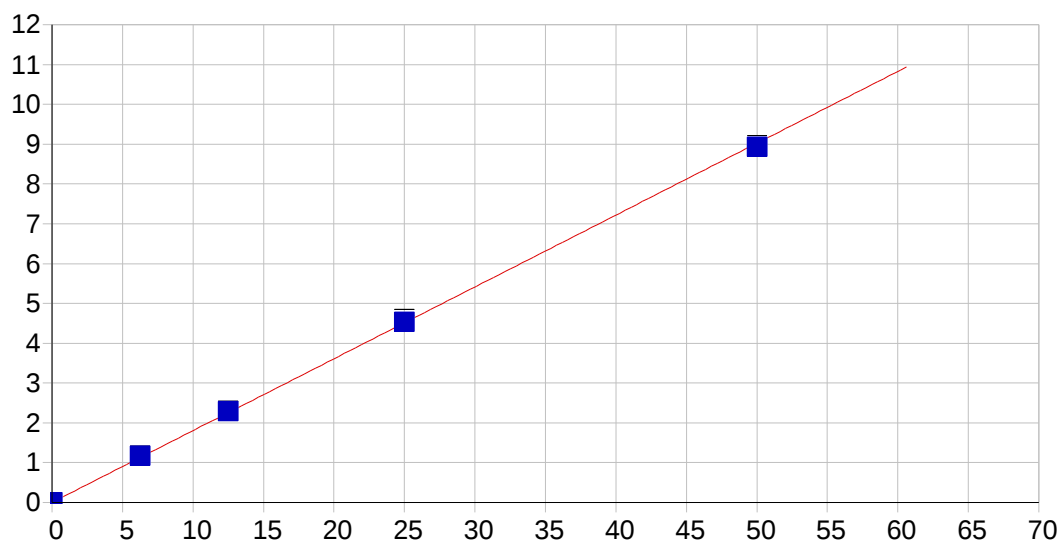
Status: OK.

Std Error of Est: 0.000066

Predicted MDL: 0.001550

Predicted MQL: 0.005168

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.02500	.02534	.000	1.37	.00165	.000	1
S2	1.2500	1.3643	.114	9.14	.09111	.000	1
S3	2.5000	2.6254	.125	5.02	.17515	.002	1
S4	5.0000	5.0397	.040	.793	.33590	.006	1
S5	10.000	9.7203	-.280	-2.80	.64736	.001	1

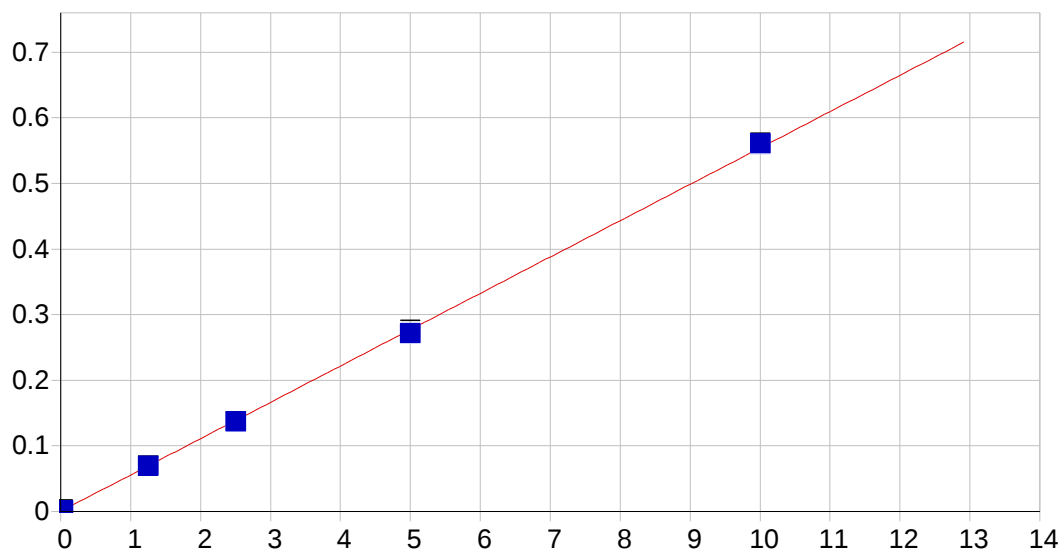


Pb 220.353 {453}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.180455 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.001229
 Predicted MQL: 0.004096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01000	.00872	-.001	-12.8	.00181	.000	1
S2	6.2500	6.4617	.212	3.39	1.1666	.002	1
S3	12.500	12.707	.207	1.66	2.2940	.001	1
S4	25.000	25.082	.082	.327	4.5277	.074	1
S5	50.000	49.501	-.499	-.999	8.9355	.027	1

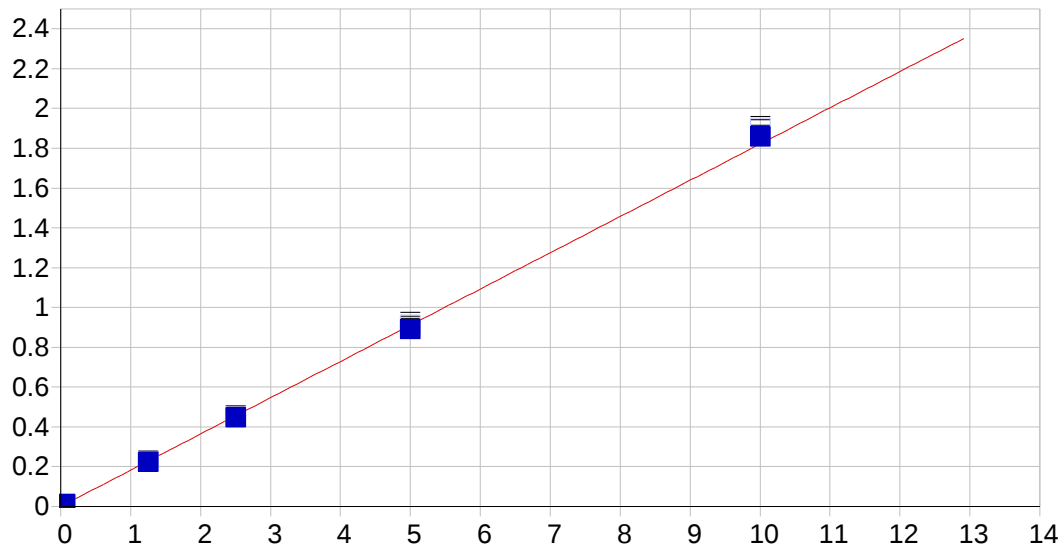


Se 196.090 {472}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000273 Re-Slope: 1.000000
 A1 (Gain): 0.055375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002617
 Predicted MQL: 0.008723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.03500	.03242	-.003	-7.38	.00207	.000	1
S2	1.2500	1.2542	.004	.338	.06947	.000	1
S3	2.5000	2.4675	-.033	-1.30	.13640	.000	1
S4	5.0000	4.9023	-.098	-1.95	.27071	.005	1
S5	10.000	10.129	.129	1.29	.55910	.001	1

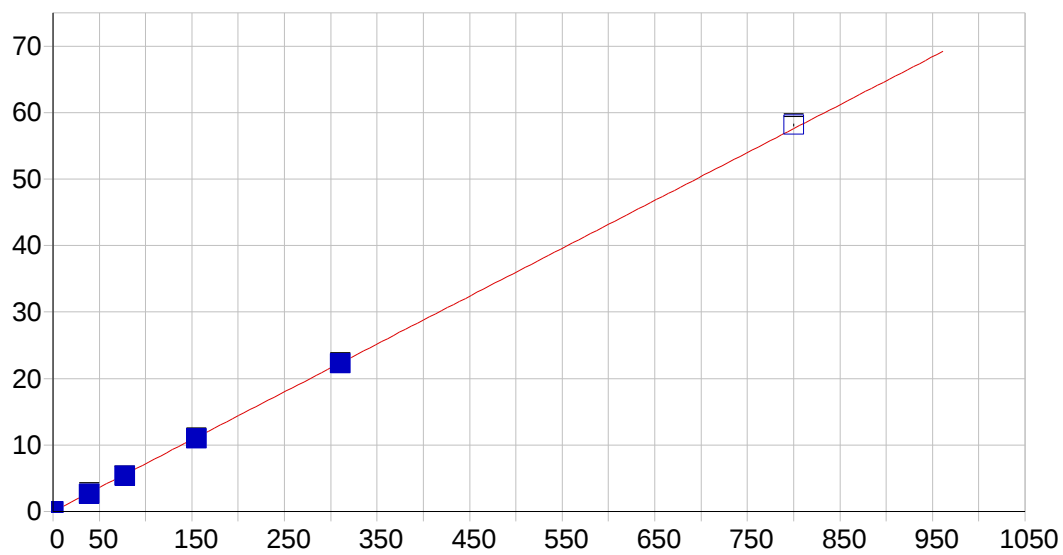


Sb 206.833 {463}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.182085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.001100
 Predicted MQL: 0.003667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00033	.000	1
S1	.06000	.05640	-.004	-6.01	.01059	.000	1
S2	1.2500	1.2244	-.026	-2.05	.22874	.000	1
S3	2.5000	2.4434	-.057	-2.27	.45617	.002	1
S4	5.0000	4.8826	-.117	-2.35	.91126	.016	1
S5	10.000	10.203	.203	2.03	1.9019	.008	1

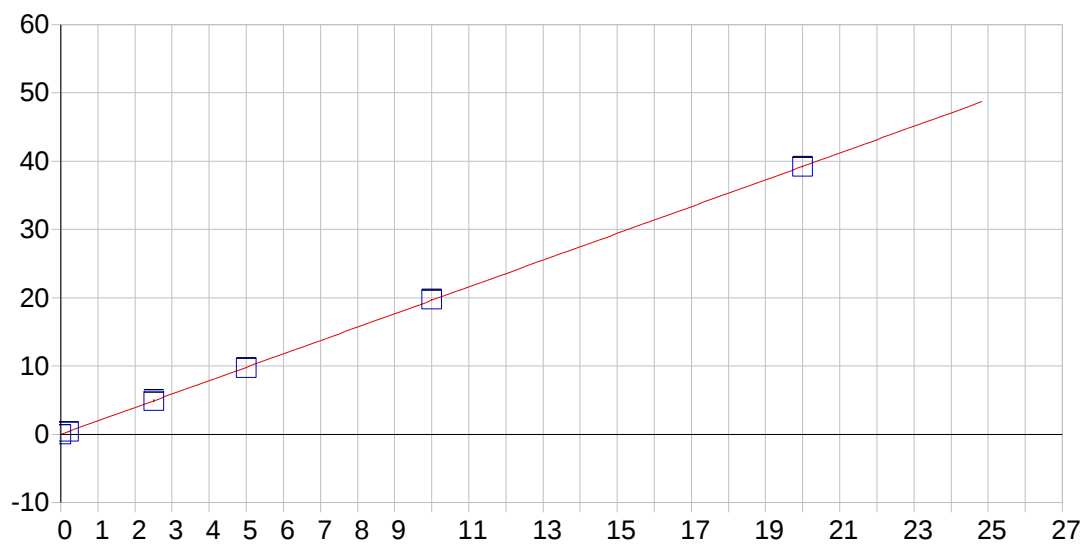


AI 396.152 { 85}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001362 Re-Slope: 1.000000
 A1 (Gain): 0.071971 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000709
 Predicted MDL: 0.009043
 Predicted MQL: 0.030142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00136	.001	1
S1	.20000	.18792	-.012	-6.04	.01491	.001	1
S2	38.750	36.896	-1.85	-4.78	2.6602	.120	1
S3	77.500	74.272	-3.23	-4.16	5.3535	.043	1
S4	155.00	152.44	-2.56	-1.65	10.986	.077	1
S5	310.00	309.64	-.358	-.115	22.313	.058	1
S6	800.00	808.02	8.02	1.00	58.155	.201	1

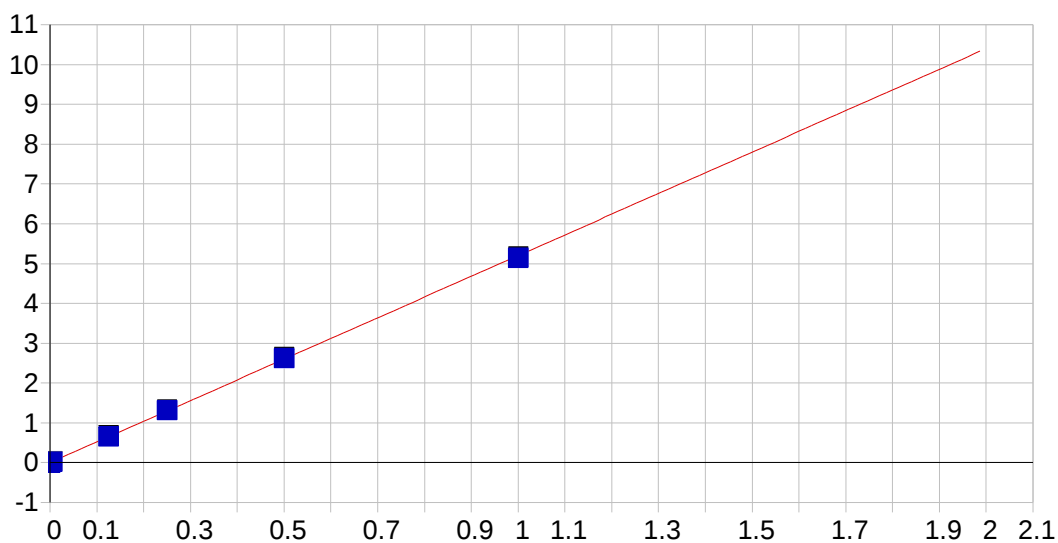


Ba 493.409 { 68}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004426 Re-Slope: 1.000000
 A1 (Gain): 1.961987 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.001029
 Predicted MDL: 0.001103
 Predicted MQL: 0.003677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00443	.000	1
S1	.20000	.20230	.002	1.15	.39248	.006	1
S2	2.5000	2.4953	-.005	-.189	4.8913	.208	1
S3	5.0000	4.9608	-.039	-.784	9.7286	.057	1
S4	10.000	10.073	.073	.726	19.758	.091	1
S5	20.000	19.969	-.031	-.155	39.174	.086	1

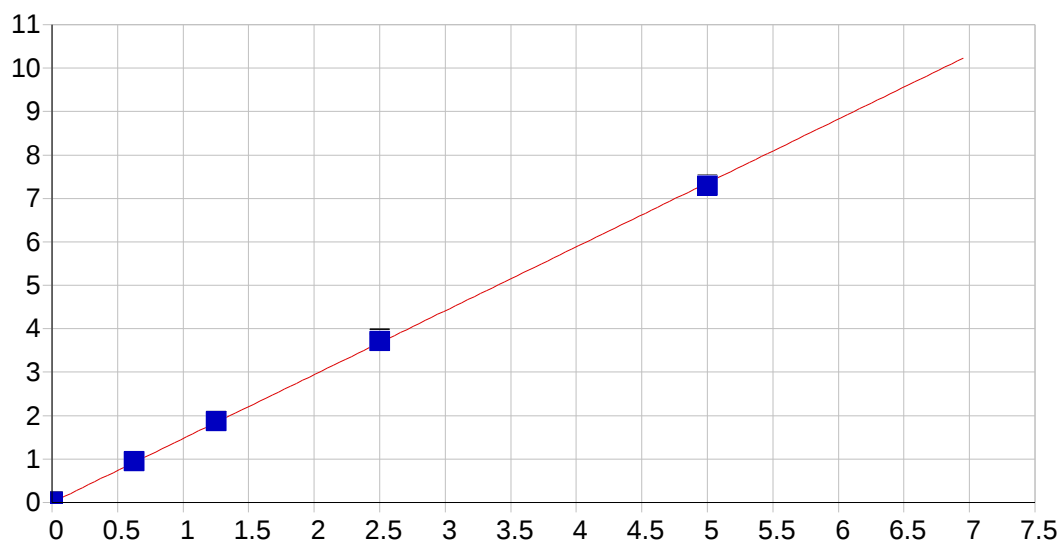


Be 234.861 {144}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001629 Re-Slope: 1.000000
 A1 (Gain): 5.201713 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00163	.000	1
S1	.00500	.00531	.000	6.15	.02596	.000	1
S2	.12500	.12716	.002	1.73	.65765	.025	1
S3	.25000	.25372	.004	1.49	1.3138	.007	1
S4	.50000	.50493	.005	.985	2.6161	.027	1
S5	1.0000	.98889	-.011	-1.11	5.1248	.029	1

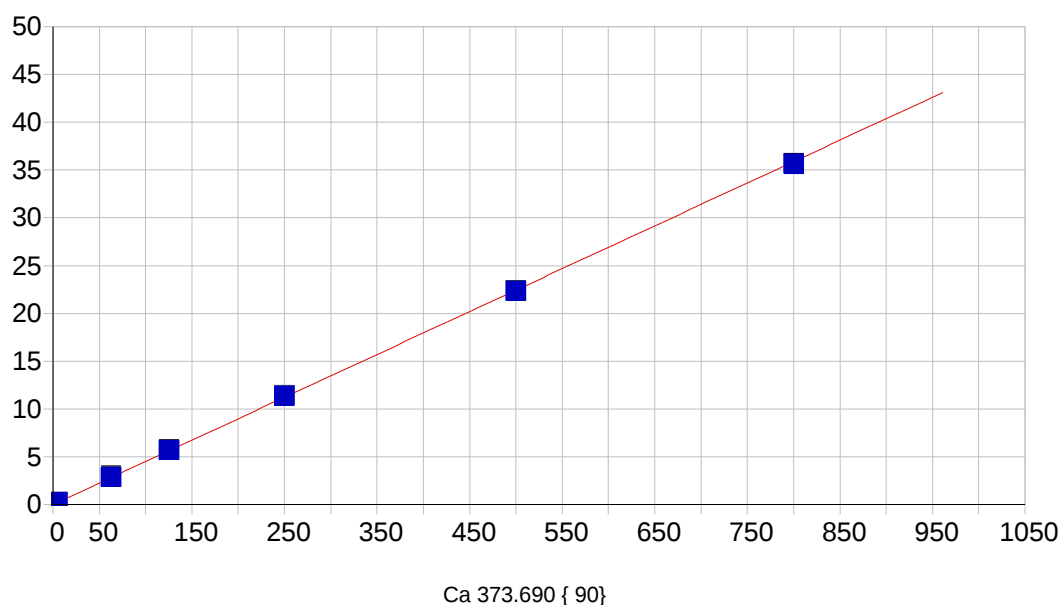


Cd 214.438 {457}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000667 Re-Slope: 1.000000
 A1 (Gain): 1.471093 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.000093
 Predicted MQL: 0.000309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.00500	.00450	-.001	-10.1	.00729	.000	1
S2	.62500	.63967	.015	2.35	.94330	.003	1
S3	1.2500	1.2663	.016	1.31	1.8668	.005	1
S4	2.5000	2.5197	.020	.790	3.7139	.054	1
S5	5.0000	4.9498	-.050	-1.00	7.2951	.020	1



Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001681

Re-Slope: 1.000000

A1 (Gain): 0.044853

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

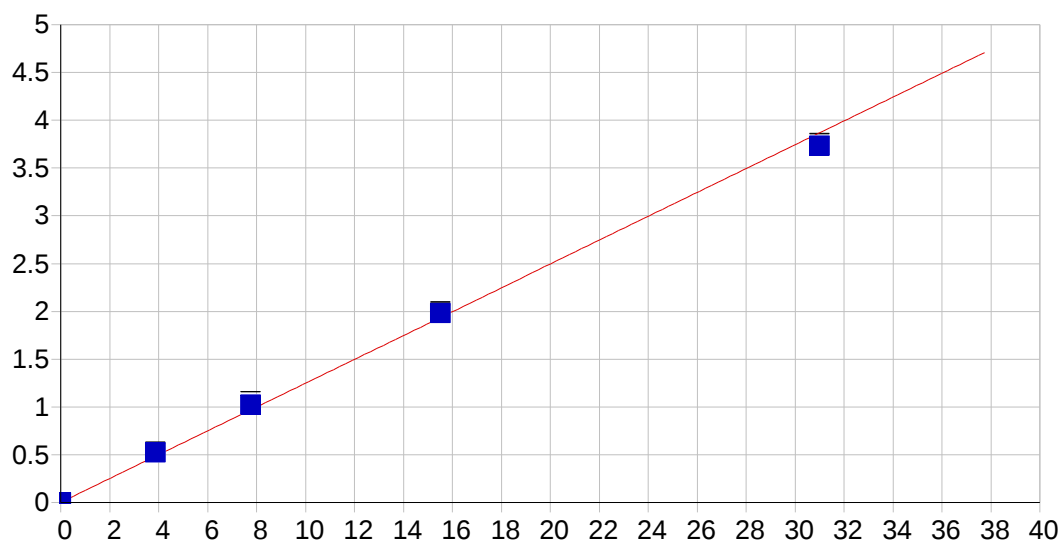
Status: OK.

Std Error of Est: 0.001391

Predicted MDL: 0.013678

Predicted MQL: 0.045595

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	.000	.000	.00166	.000	1
S1	5.0000	5.2734	.273	5.47	.23820	.002	1
S2	62.500	63.711	1.21	1.94	2.8559	.111	1
S3	125.00	126.83	1.83	1.47	5.6837	.043	1
S4	250.00	253.12	3.12	1.25	11.341	.085	1
S5	500.00	498.24	-1.76	-.352	22.322	.050	1
S6	800.00	795.32	-4.68	-.584	35.602	.057	1

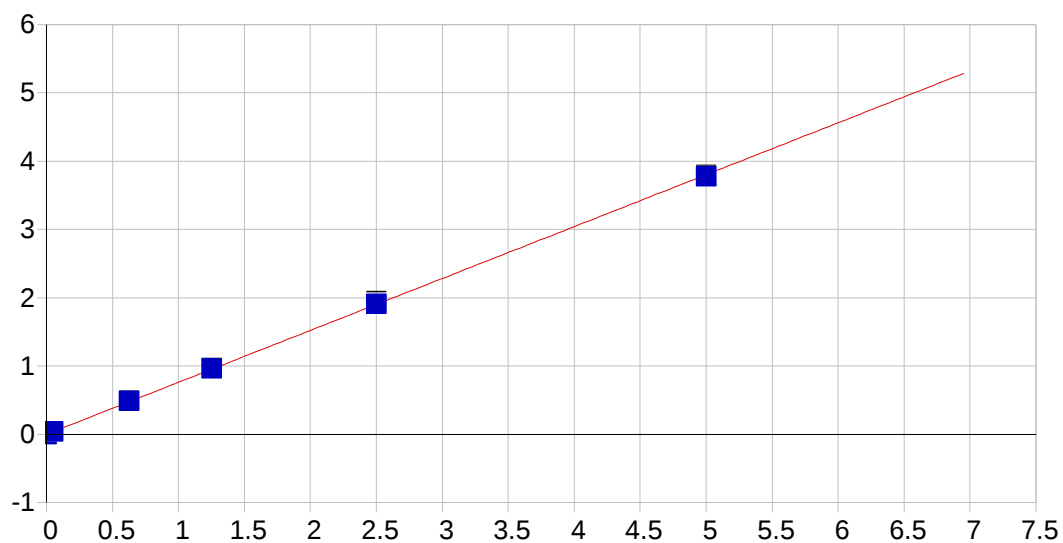


Cr 267.716 {126}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.124776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999150 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.000455
 Predicted MQL: 0.001516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.01034	.000	3.43	.00142	.000	1
S2	3.8750	4.1814	.306	7.91	.52310	.008	1
S3	7.7500	8.2080	.458	5.91	1.0268	.032	1
S4	15.500	15.851	.351	2.27	1.9830	.015	1
S5	31.000	29.884	-1.12	-3.60	3.7389	.023	1

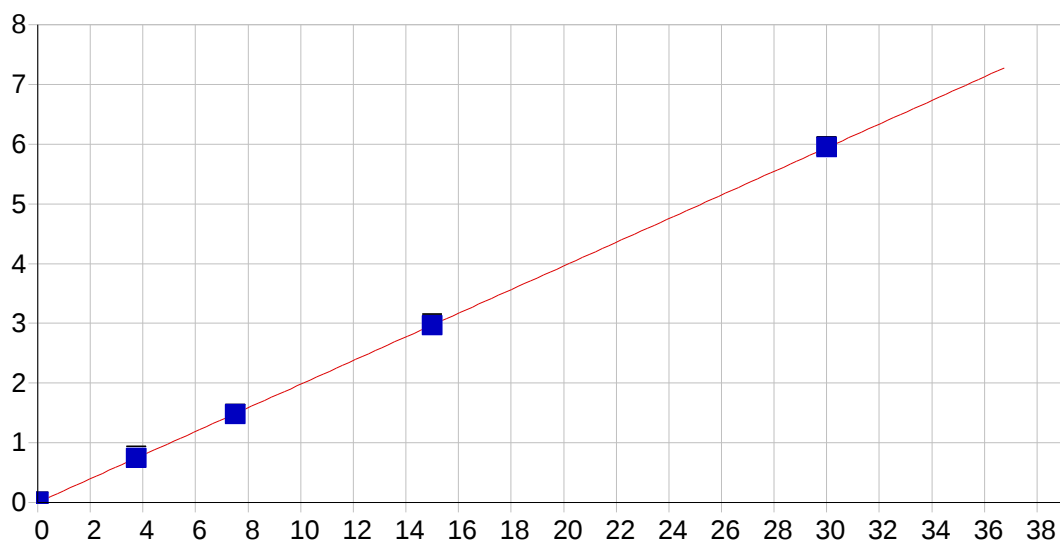


Co 228.616 {448}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000065 Re-Slope: 1.000000
 A1 (Gain): 0.760431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000180
 Predicted MDL: 0.000209
 Predicted MQL: 0.000696

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.05000	.04789	-.002	-4.21	.03649	.000	1
S2	.62500	.63651	.012	1.84	.48495	.001	1
S3	1.2500	1.2643	.014	1.14	.96333	.002	1
S4	2.5000	2.5107	.011	.428	1.9131	.034	1
S5	5.0000	4.9656	-.034	-.688	3.7839	.013	1



Cu 324.754 {104}

Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001512

Re-Slope: 1.000000

A1 (Gain): 0.197943

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999993

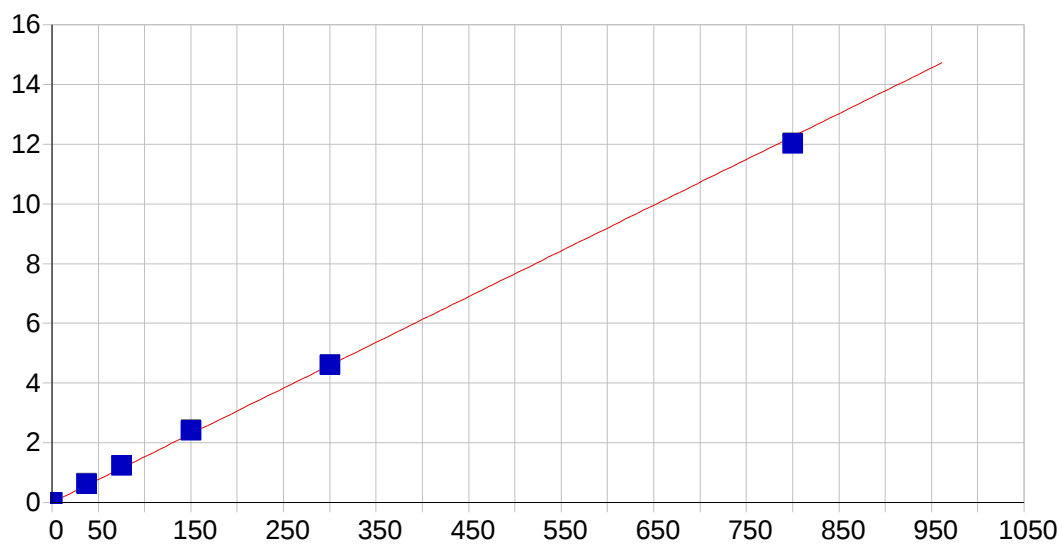
Status: OK.

Std Error of Est: 0.000034

Predicted MDL: 0.002025

Predicted MQL: 0.006749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00151	.000	1
S1	.02500	.02305	-.002	-7.82	.00604	.000	1
S2	3.7500	3.7559	.006	.158	.74285	.032	1
S3	7.5000	7.4424	-.058	-.769	1.4704	.008	1
S4	15.000	14.982	-.018	-.119	2.9586	.024	1
S5	30.000	30.072	.072	.239	5.9370	.011	1

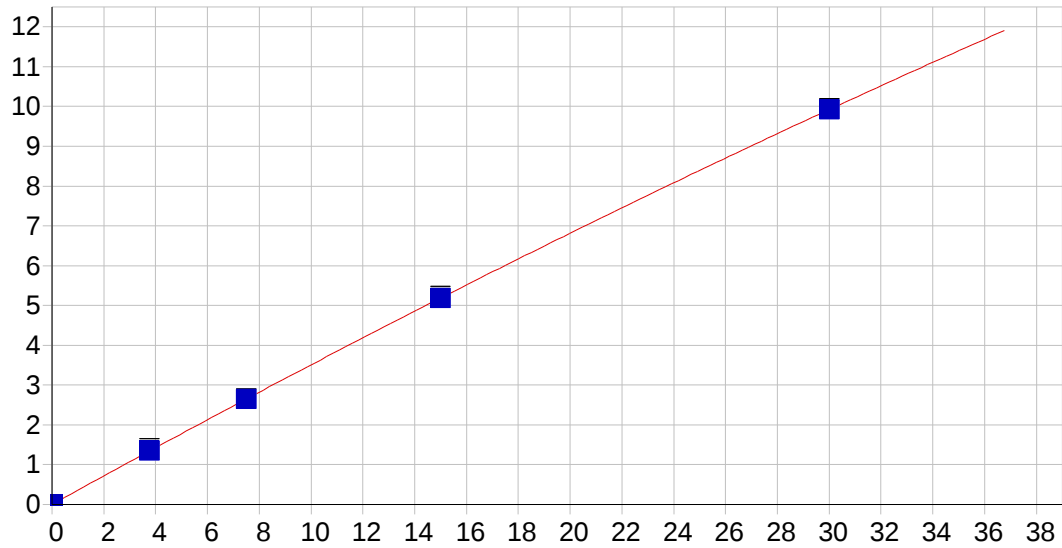


Fe 259.837 {130}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.015317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999526 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.012392
 Predicted MQL: 0.041308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00021	.000	1
S1	.10000	.10691	.007	6.91	.00185	.000	1
S2	37.500	40.665	3.16	8.44	.62376	.024	1
S3	75.000	80.218	5.22	6.96	1.2303	.005	1
S4	150.00	157.13	7.13	4.75	2.4097	.022	1
S5	300.00	300.58	.581	.194	4.6098	.009	1
S6	800.00	783.89	-16.1	-2.01	12.013	.018	1

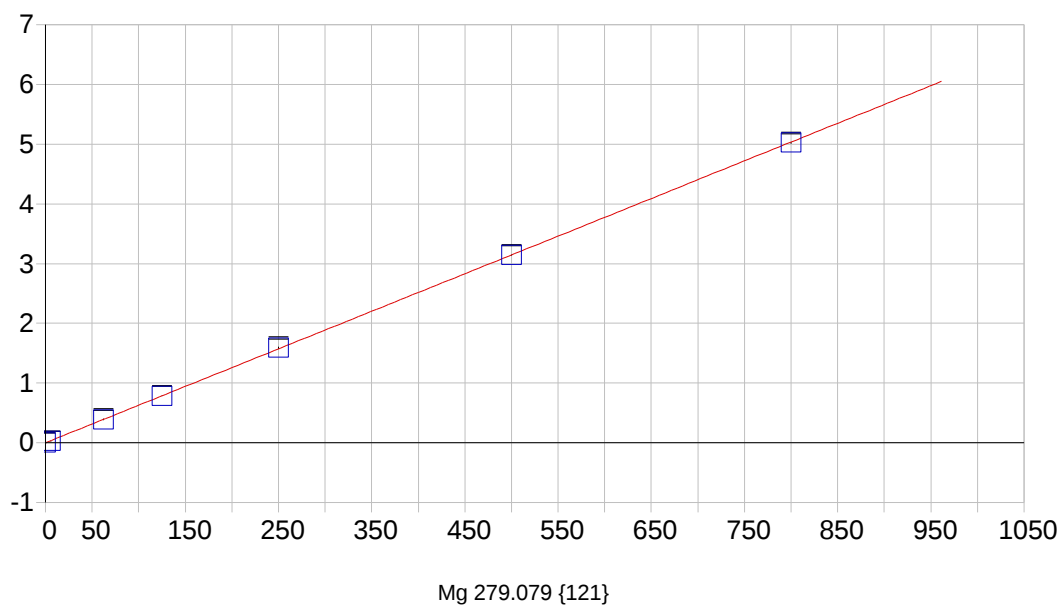


Mn 257.610 {131}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.360938 Y-int: 0.000000
 A2 (Curvature): -0.001007
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000602
 Predicted MQL: 0.002007

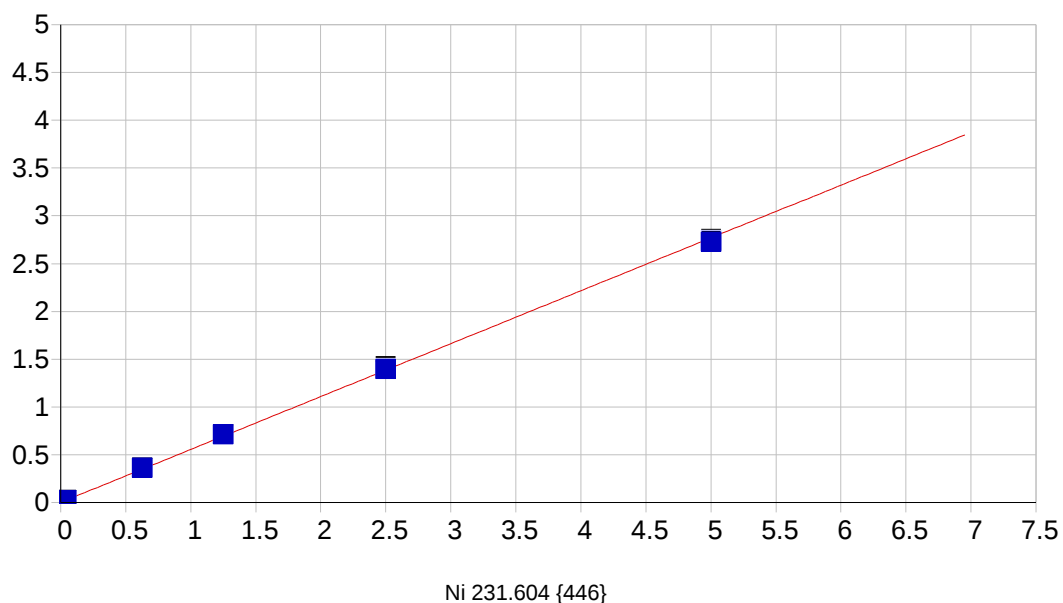
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.01500	.01441	-.001	-3.96	.00555	.000	1
S2	3.7500	3.7662	.016	.433	1.3457	.055	1
S3	7.5000	7.4920	-.008	-.107	2.6486	.015	1
S4	15.000	14.983	-.017	-.110	5.1836	.047	1
S5	30.000	30.009	.009	.030	9.9272	.024	1



Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.006292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.036124
 Predicted MQL: 0.120414

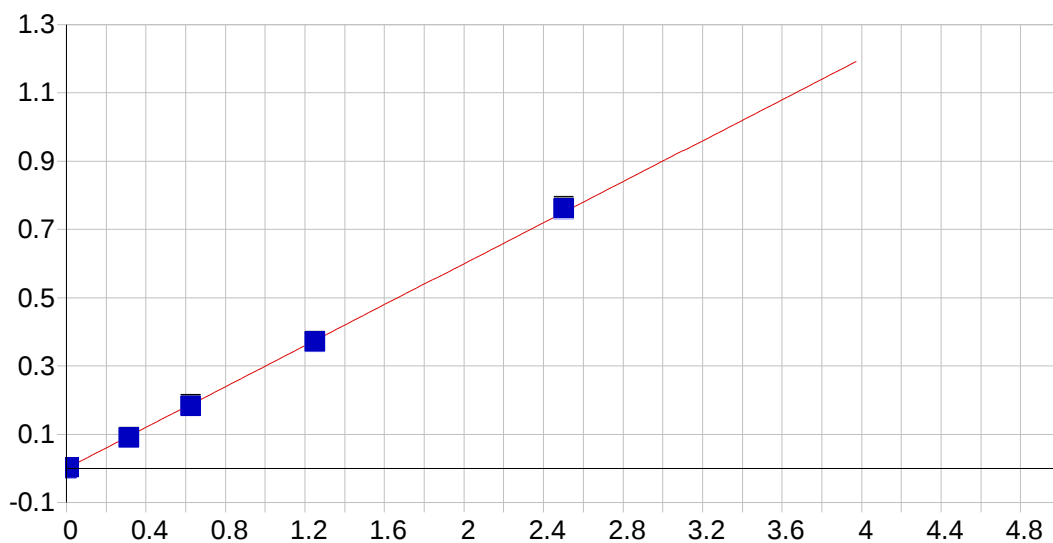
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00017	.000	1
S1	5.0000	4.9920	-.008	-.160	.03124	.000	1
S2	62.500	61.897	-.603	-.965	.38928	.015	1
S3	125.00	124.55	-.452	-.362	.78348	.003	1
S4	250.00	253.10	3.10	1.24	1.5923	.017	1
S5	500.00	499.80	-.203	-.041	3.1445	.008	1
S6	800.00	798.17	-1.83	-.229	5.0219	.012	1



Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000067	Re-Slope: 1.000000
A1 (Gain):	0.553539	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999849	Status: OK.
Std Error of Est:	0.000229	
Predicted MDL:	0.000329	
Predicted MQL:	0.001098	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.04000	.03968	.000	-.803	.02206	.000	1
S2	.62500	.64985	.025	3.98	.36160	.001	1
S3	1.2500	1.2812	.031	2.50	.71291	.000	1
S4	2.5000	2.5151	.015	.605	1.3996	.022	1
S5	5.0000	4.9291	-.071	-1.42	2.7431	.011	1

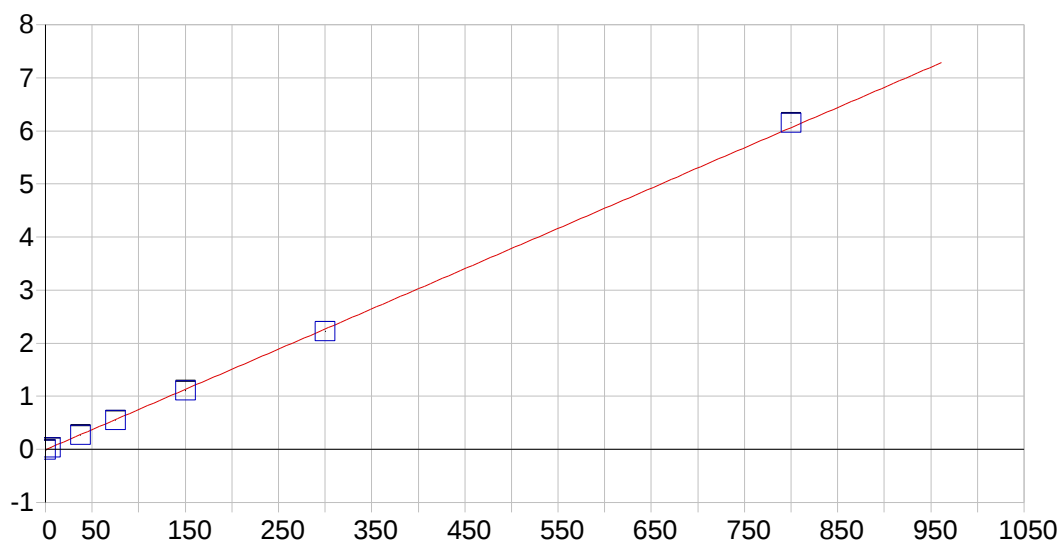


Ag 328.068 {103}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000395 Re-Slope: 1.000000
 A1 (Gain): 0.300095 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.000319
 Predicted MQL: 0.001062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.01000	.00950	.000	-4.99	.00245	.000	1
S2	.31250	.30000	-.012	-4.00	.08900	.001	1
S3	.62500	.60910	-.016	-2.54	.18111	.005	1
S4	1.2500	1.2389	-.011	-.887	.36884	.002	1
S5	2.5000	2.5400	.040	1.60	.75672	.006	1



Na 818.326 { 41}

Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006601

Re-Slope: 1.000000

A1 (Gain): 0.007582

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999835

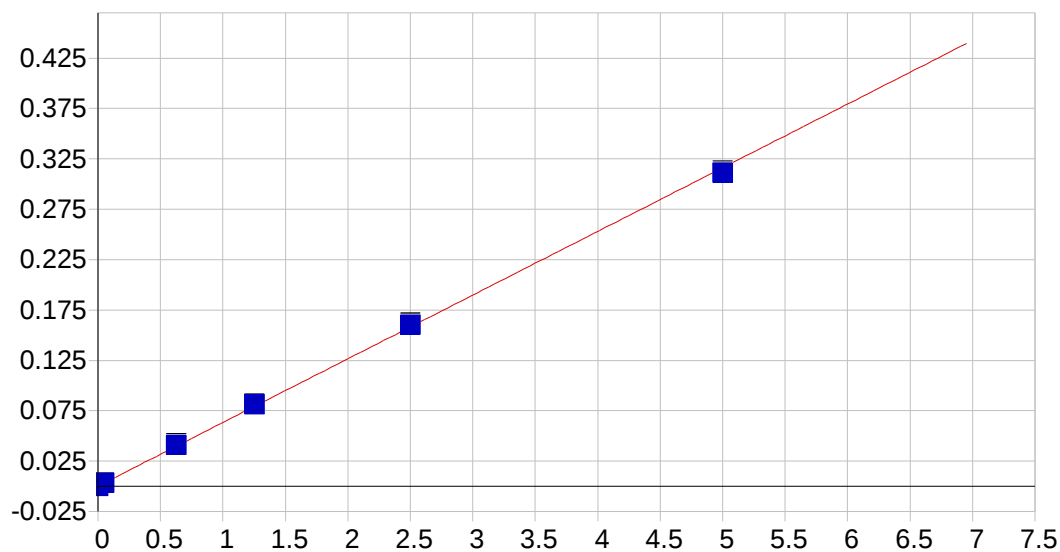
Status: OK.

Std Error of Est: 0.000426

Predicted MDL: 0.185003

Predicted MQL: 0.616676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	-.00660	.001	1
S1	5.0000	5.0453	.045	.906	.03165	.000	1
S2	37.500	36.292	-1.21	-3.22	.26858	.011	1
S3	75.000	72.911	-2.09	-2.79	.54623	.002	1
S4	150.00	147.06	-2.94	-1.96	1.1085	.007	1
S5	300.00	294.13	-5.87	-1.96	2.2236	.004	1
S6	800.00	812.06	12.1	1.51	6.1507	.005	1

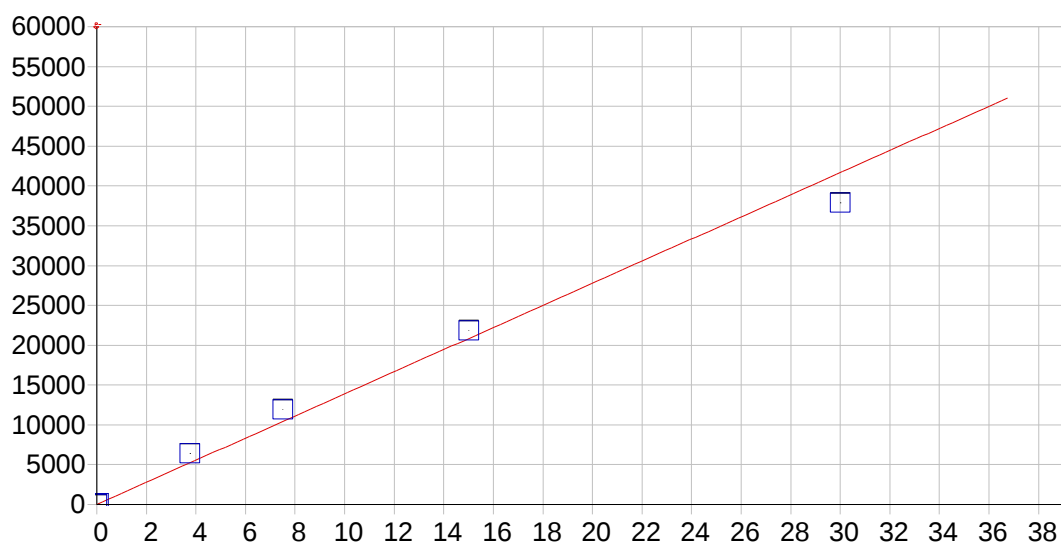


V 292.402 {115}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.063215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.003937
 Predicted MQL: 0.013123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.05000	.05222	.002	4.45	.00347	.000	1
S2	.62500	.64503	.020	3.20	.04110	.001	1
S3	1.2500	1.2796	.030	2.37	.08138	.001	1
S4	2.5000	2.5320	.032	1.28	.16088	.001	1
S5	5.0000	4.9161	-.084	-1.68	.31224	.001	1

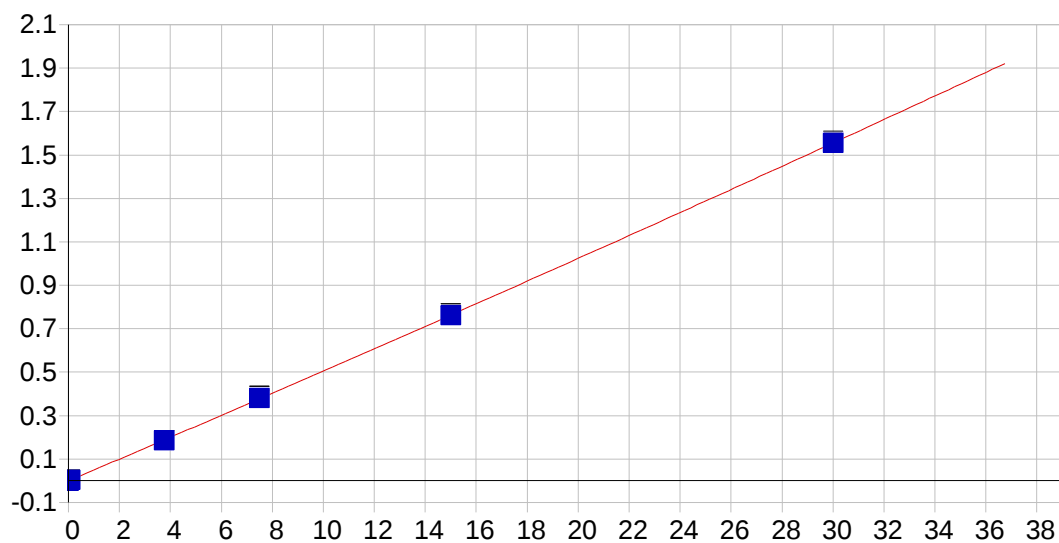


Zn 206.200 {464}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.971618 Re-Slope: 1.000000
 A1 (Gain): 1389.076697 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994272 Status: OK.
 Std Error of Est: 10.623823
 Predicted MDL: 0.000367
 Predicted MQL: 0.001223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	1.9153	.616	1
S1	.06000	.08041	.020	34.0	113.67	1.00	1
S2	3.7500	4.6149	.865	23.1	6412.4	8.98	1
S3	7.5000	8.5964	1.10	14.6	11943.	46.8	1
S4	15.000	15.742	.742	4.94	21868.	50.8	1
S5	30.000	27.277	-2.72	-9.08	37891.	27.2	1

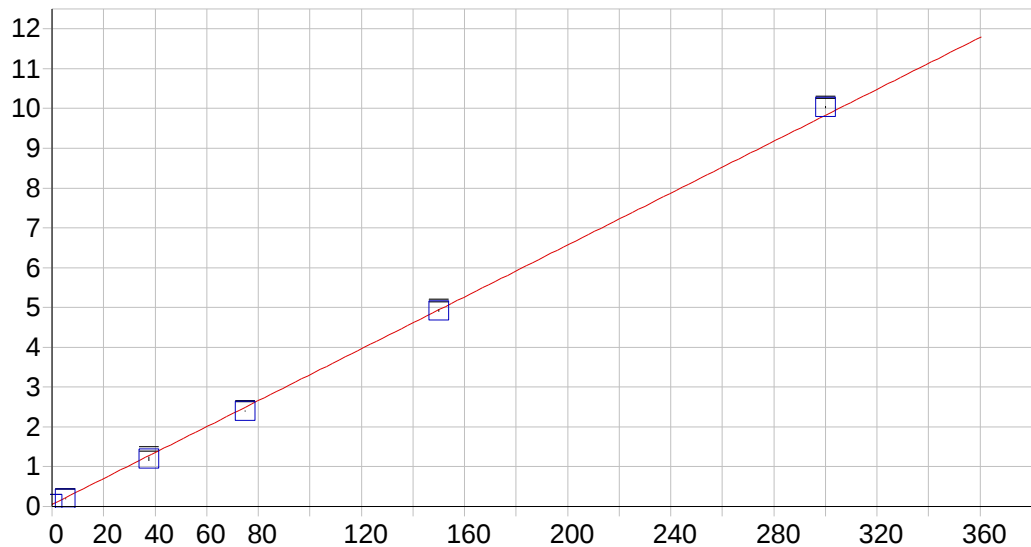


Zn 213.856 {158}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000627 Re-Slope: 1.000000
 A1 (Gain): 0.049933 Y-int: 0.000000
 A2 (Curvature): 0.000064
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: Warning Positive Curvature
 Std Error of Est: 0.000024
 Predicted MDL: 0.010223
 Predicted MQL: 0.034078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00063	.001	1
S1	.06000	.06634	.006	10.6	.00270	.000	1
S2	3.7500	3.6968	-.053	-1.42	.18529	.001	1
S3	7.5000	7.5603	.060	.804	.38147	.009	1
S4	15.000	14.990	-.010	-.069	.76413	.006	1
S5	30.000	29.997	-.003	-.010	1.5588	.005	1



K 769.896 { 44}

Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.050282

Re-Slope: 1.000000

A1 (Gain): 0.032596

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999610

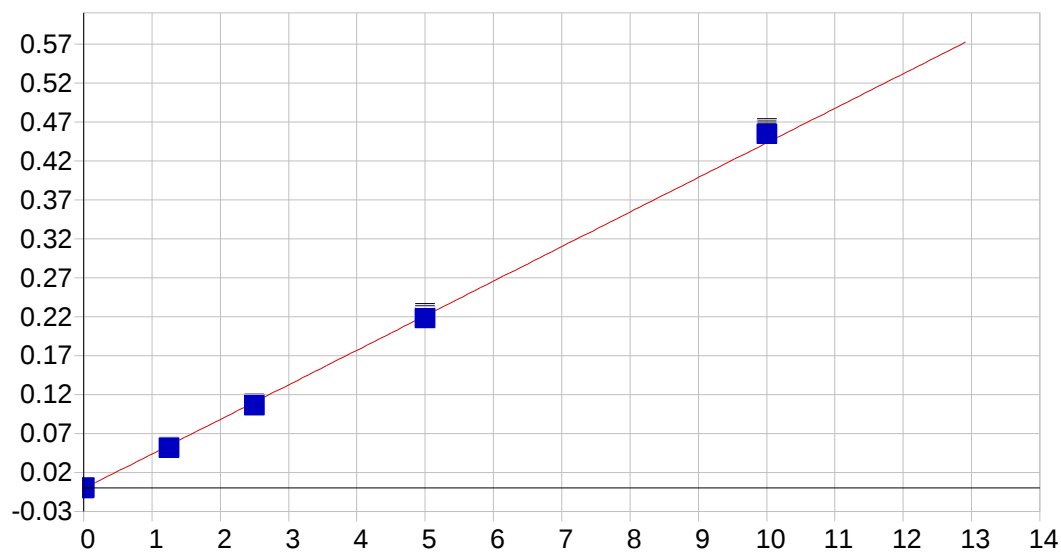
Status: OK.

Std Error of Est: 0.001878

Predicted MDL: 0.040326

Predicted MQL: 0.134421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00093	.001	.000	.05031	.002	1
S1	5.0000	4.4903	-.510	-10.2	.19665	.002	1
S2	37.500	35.182	-2.32	-6.18	1.1971	.050	1
S3	75.000	72.065	-2.94	-3.91	2.3993	.016	1
S4	150.00	149.50	-.504	-.336	4.9233	.032	1
S5	300.00	306.27	6.27	2.09	10.033	.030	1

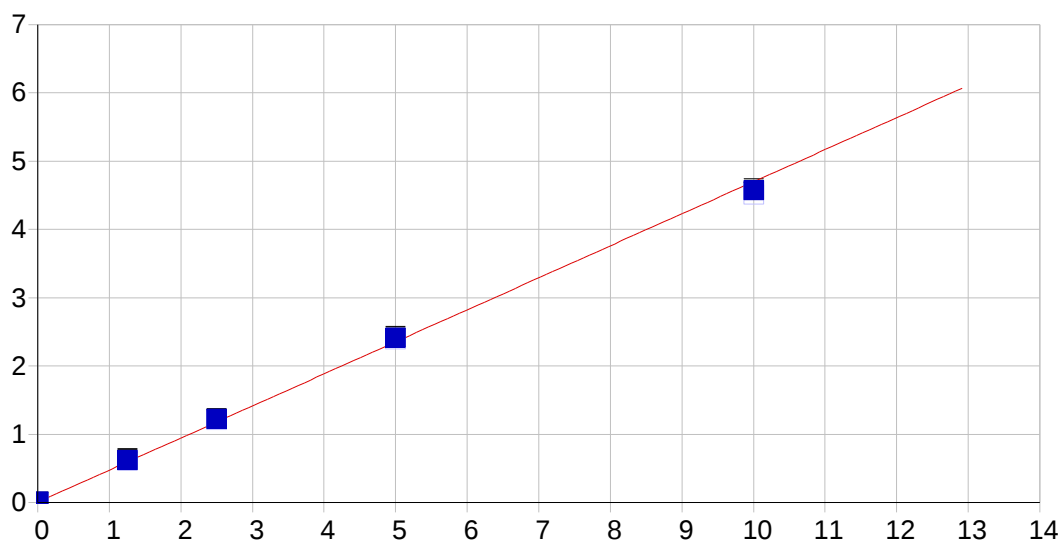


P 177.495 {490}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.044370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001900
 Predicted MQL: 0.006332

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.01000	.01282	.003	28.2	-.00002	.000	1
S2	1.2500	1.1776	-.072	-5.79	.05237	.000	1
S3	2.5000	2.3998	-.100	-4.01	.10732	.001	1
S4	5.0000	4.9166	-.083	-1.67	.22043	.004	1
S5	10.000	10.253	.253	2.53	.46008	.001	1



B 249.678 {135}

Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006033

Re-Slope: 1.000000

A1 (Gain): 0.469365

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999507

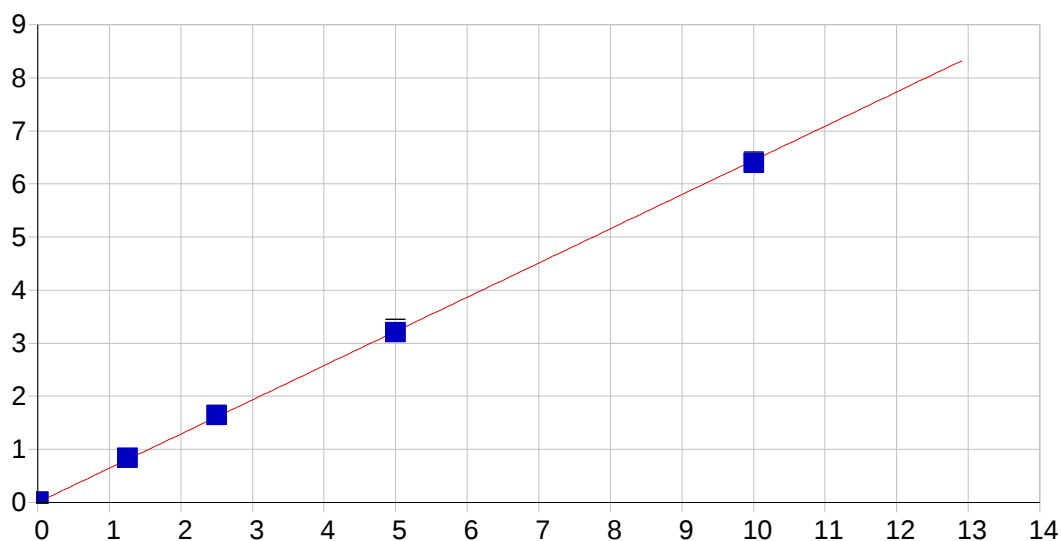
Status: OK.

Std Error of Est: 0.000244

Predicted MDL: 0.000866

Predicted MQL: 0.002885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00603	.000	1
S1	.01000	.00639	-.004	-36.1	.00904	.000	1
S2	1.2500	1.3068	.057	4.54	.61204	.021	1
S3	2.5000	2.5898	.090	3.59	1.2069	.005	1
S4	5.0000	5.1311	.131	2.62	2.3850	.024	1
S5	10.000	9.7260	-.274	-2.74	4.5123	.026	1

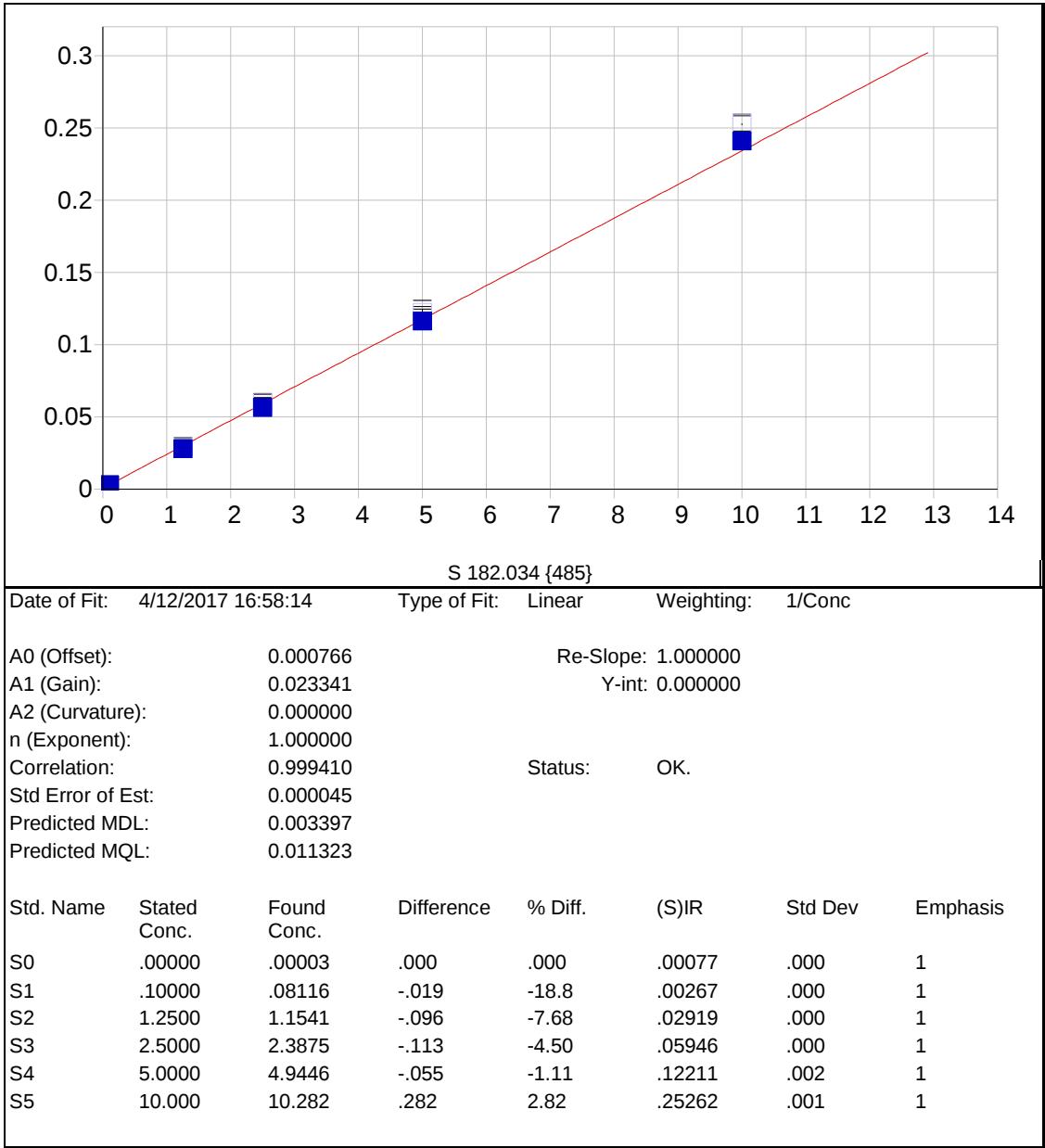


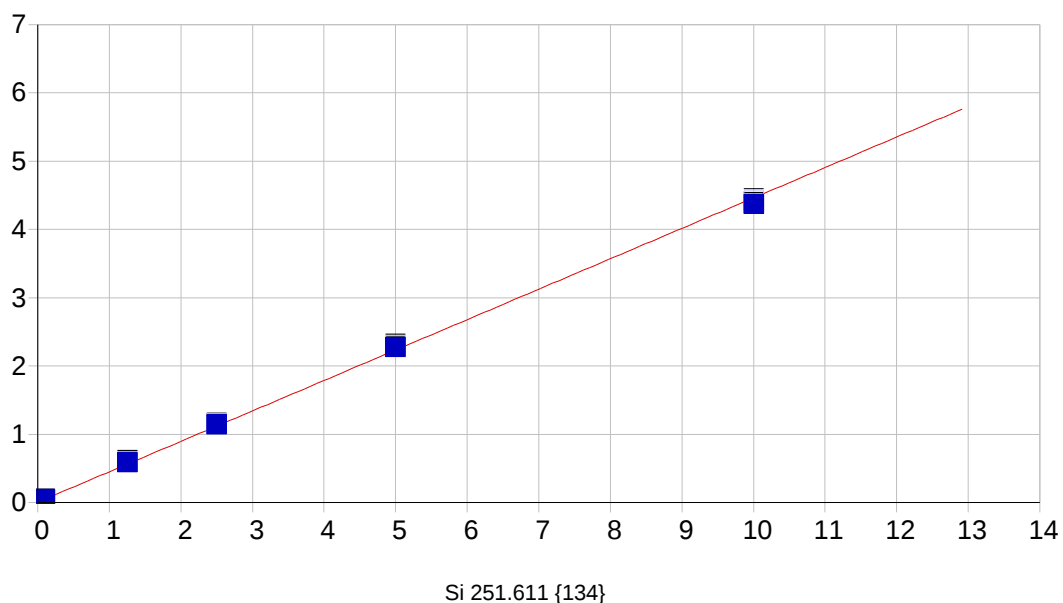
Mo 202.030 {467}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001180 Re-Slope: 1.000000
 A1 (Gain): 0.644330 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000253
 Predicted MQL: 0.000842

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00118	.000	1
S1	.01000	.00921	-.001	-7.85	.00713	.000	1
S2	1.2500	1.3047	.055	4.37	.84254	.003	1
S3	2.5000	2.5493	.049	1.97	1.6453	.003	1
S4	5.0000	4.9762	-.024	-.477	3.2104	.059	1
S5	10.000	9.9206	-.079	-.794	6.3992	.015	1





Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004079

Re-Slope: 1.000000

A1 (Gain): 0.445818

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999738

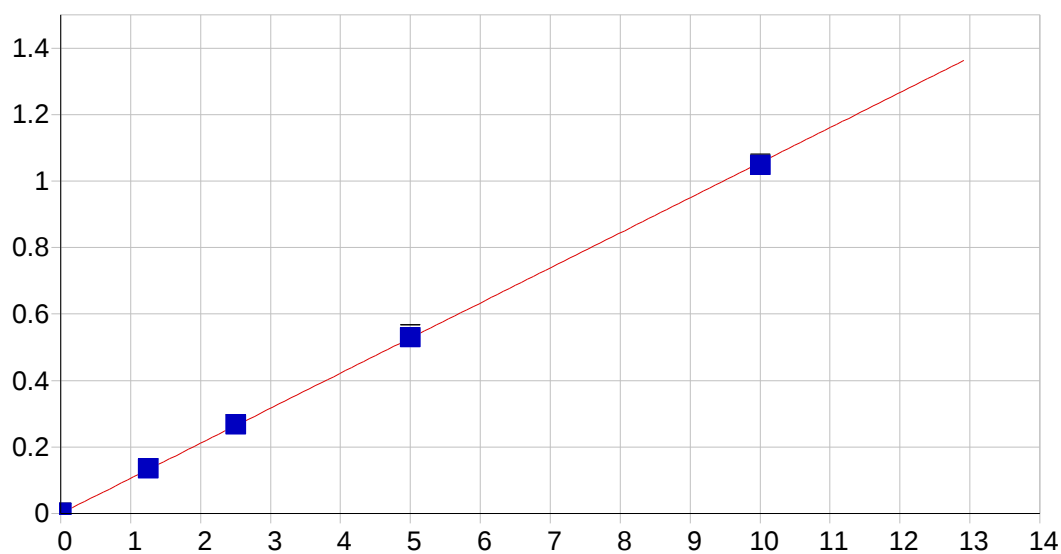
Status: OK.

Std Error of Est: 0.000549

Predicted MDL: 0.000929

Predicted MQL: 0.003095

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00408	.000	1
S1	.10000	.10161	.002	1.61	.04954	.001	1
S2	1.2500	1.3099	.060	4.79	.59463	.021	1
S3	2.5000	2.5587	.059	2.35	1.1579	.006	1
S4	5.0000	5.0875	.088	1.75	2.2984	.022	1
S5	10.000	9.7923	-.208	-2.08	4.4221	.026	1

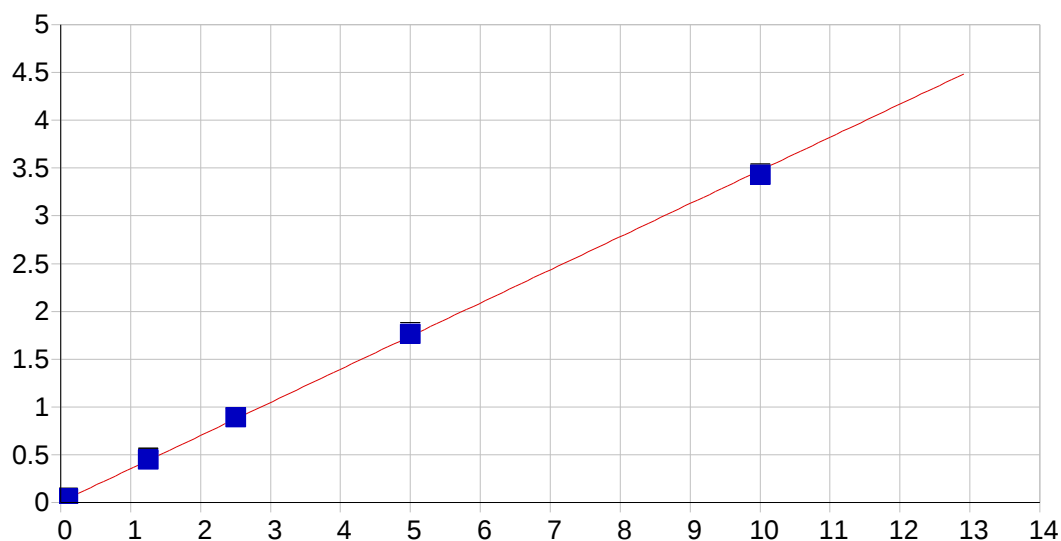


Sn 189.989 {478}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000247 Re-Slope: 1.000000
 A1 (Gain): 0.105504 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.000856
 Predicted MQL: 0.002855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.00700	.00603	-.001	-13.8	.00087	.000	1
S2	1.2500	1.2733	.023	1.86	.13448	.001	1
S3	2.5000	2.5322	.032	1.29	.26719	.001	1
S4	5.0000	5.0146	.015	.293	.52889	.008	1
S5	10.000	9.9308	-.069	-.692	1.0472	.003	1



Ti 336.121 {100}

Date of Fit: 4/12/2017 16:58:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006841

Re-Slope: 1.000000

A1 (Gain): 0.346819

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999896

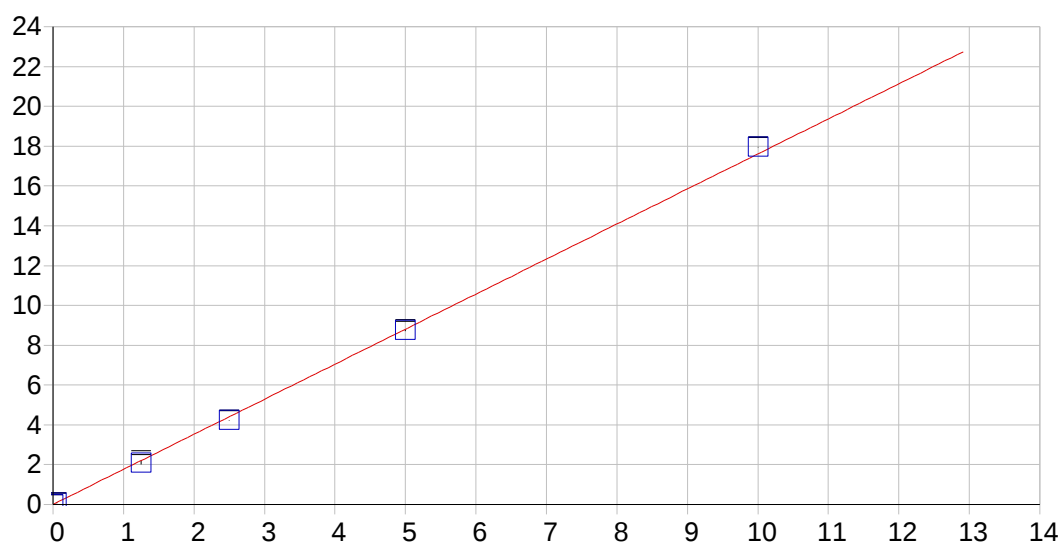
Status: OK.

Std Error of Est: 0.000265

Predicted MDL: 0.001211

Predicted MQL: 0.004038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00684	.000	1
S1	.10000	.10338	.003	3.38	.04269	.001	1
S2	1.2500	1.2771	.027	2.17	.44961	.018	1
S3	2.5000	2.5442	.044	1.77	.88893	.003	1
S4	5.0000	5.0577	.058	1.15	1.7604	.016	1
S5	10.000	9.8676	-.132	-1.32	3.4279	.009	1



Li 670.784 { 50}

Date of Fit: 4/12/2017 16:58:14 Type of Fit: Linear Weighting: 1/Conc

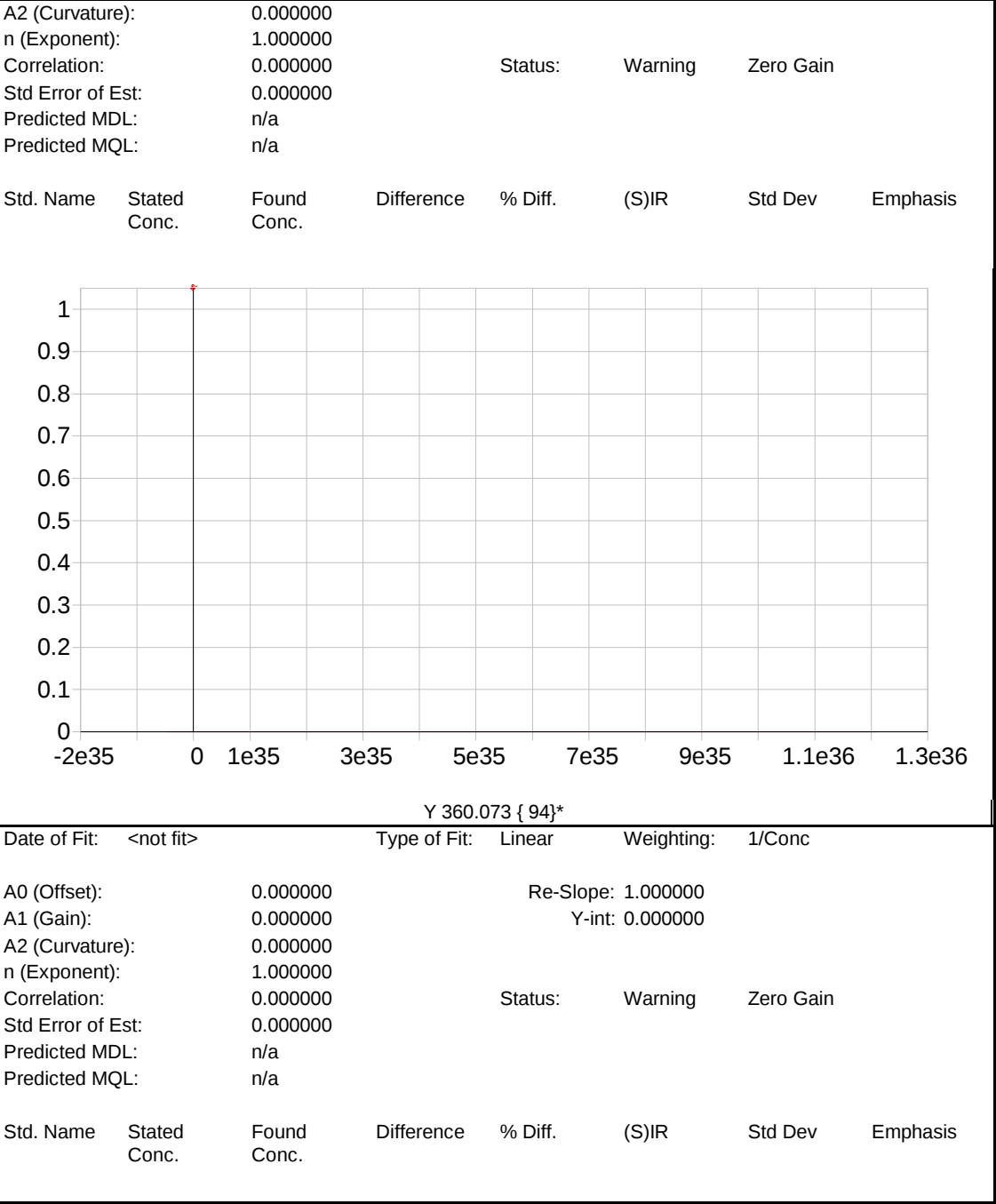
A0 (Offset): 0.006659 Re-Slope: 1.000000
 A1 (Gain): 1.760271 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.001624
 Predicted MDL: 0.000888
 Predicted MQL: 0.002961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00668	.000	1
S5	10.000	10.195	.195	1.95	17.952	.024	1
S4	5.0000	4.9686	-.031	-.628	8.7528	.047	1
S3	2.5000	2.4041	-.096	-3.84	4.2386	.017	1
S2	1.2500	1.1883	-.062	-4.93	2.0984	.099	1
S1	.05000	.04429	-.006	-11.4	.08463	.002	1



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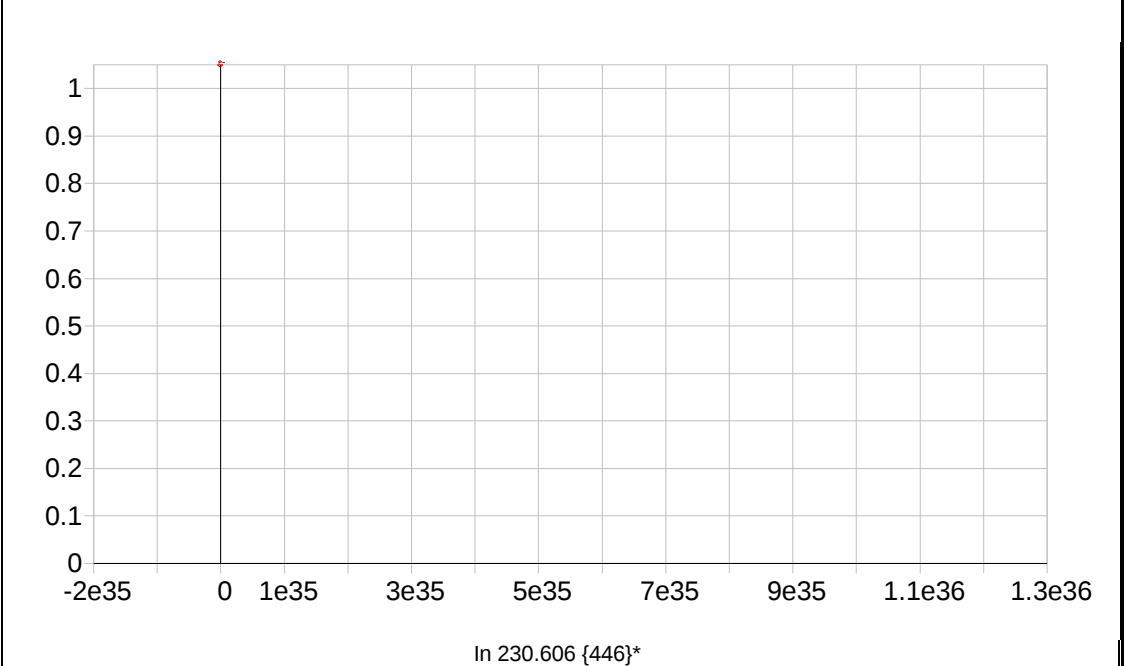




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

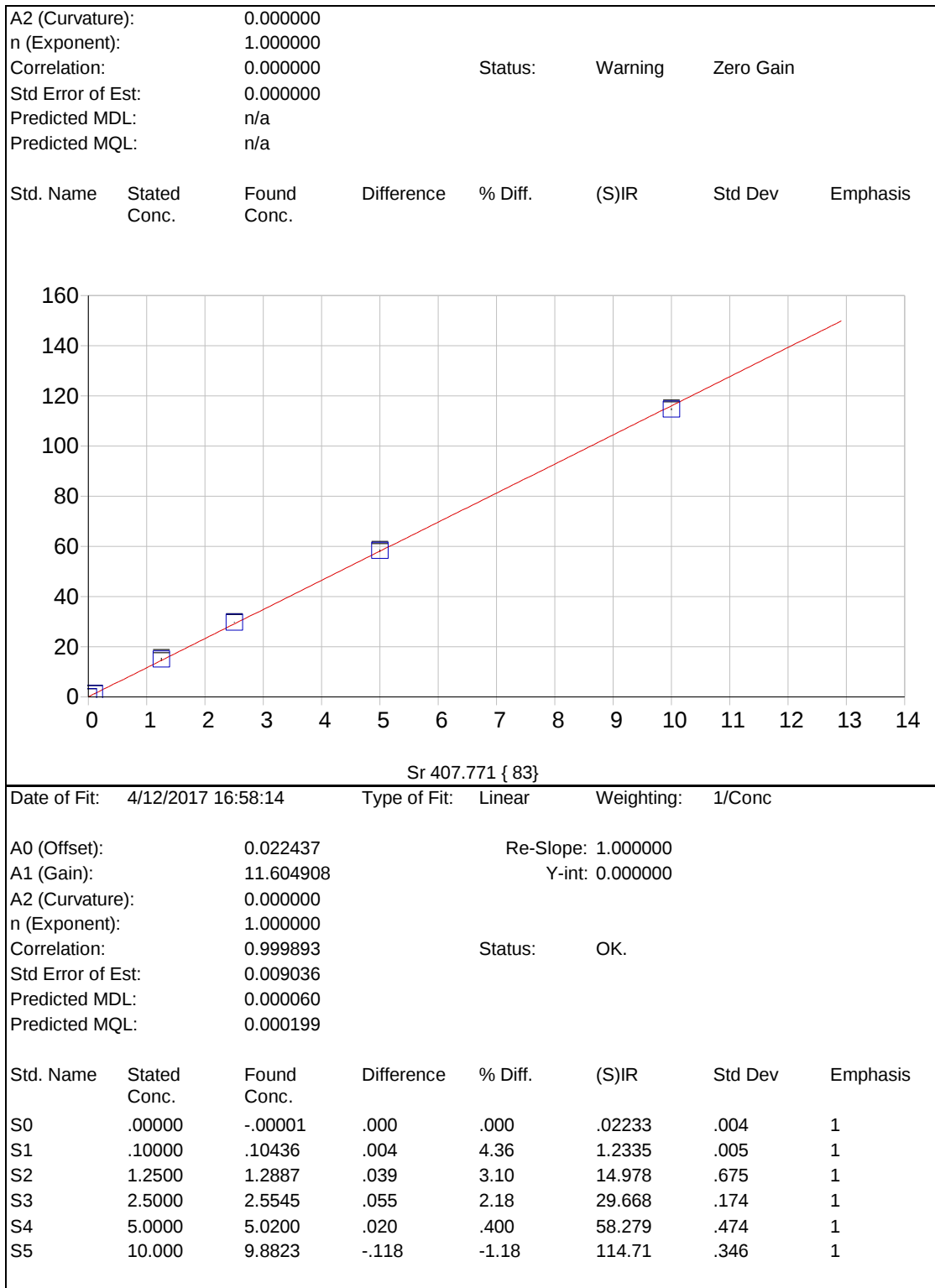
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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: 4/12/2017 14:25:09 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	-.00012	.00007	.00024	.00027	.00033	.00136	-.00443	-.00163
Stddev	.00011	.00001	.00007	.00001	.00016	.00098	.00001	.00041
%RSD	99.189	14.344	28.887	5.4217	49.012	72.046	.22382	25.407

#1	.00001	.00009	.00017	.00028	.00052	.00111	-.00444	-.00175
#2	-.00014	.00007	.00024	.00026	.00026	.00053	-.00442	-.00197
#3	-.00021	.00007	.00031	.00028	.00022	.00245	-.00443	-.00117

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	.00067	.00166	.00012	-.00006	.00151	.00021	.00035	-.00017
Stddev	.00007	.00037	.00007	.00005	.00020	.00009	.00018	.00030
%RSD	10.387	22.143	59.559	81.479	12.918	44.152	52.604	180.09

#1	.00072	.00141	.00014	-.00002	.00132	.00024	.00052	-.00047
#2	.00059	.00208	.00017	-.00012	.00171	.00010	.00035	.00014
#3	.00069	.00149	.00004	-.00006	.00151	.00028	.00016	-.00017

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	.00007	-.00039	-.00660	.00016	-.00063	.05031	-.00059	.00603
Stddev	.00002	.00003	.00112	.00016	.00059	.00181	.00005	.00041
%RSD	30.801	8.5113	17.014	101.37	94.761	3.6042	8.2587	6.8300

#1	.00006	-.00038	-.00784	.00035	-.00022	.04832	-.00057	.00648
#2	.00005	-.00043	-.00630	.00010	-.00131	.05076	-.00065	.00568
#3	.00009	-.00037	-.00565	.00004	-.00035	.05186	-.00056	.00594

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	.00118	.00077	.00408	.00025	.00684	.00668	.02233	
Stddev	.00012	.00004	.00020	.00009	.00032	.00013	.00356	
%RSD	10.030	4.8115	4.8717	36.019	4.7207	1.8995	15.954	

#1	.00130	.00081	.00401	.00020	.00669	.00674	.02623	
#2	.00117	.00075	.00392	.00035	.00721	.00653	.02154	
#3	.00107	.00074	.00430	.00019	.00662	.00676	.01924	

Sample Name: S0 Acquired: 4/12/2017 14:25:09 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	1706.5	2947.2	51013.	6011.6	4388.3
Stddev	9.3	2.7	134.	9.6	7.5
%RSD	.54772	.09128	.26344	.15956	.17020
#1	1698.6	2947.7	50858.	6005.1	4382.7
#2	1716.9	2944.3	51099.	6007.0	4385.4
#3	1704.2	2949.6	51082.	6022.6	4396.8

Sample Name: S1 Acquired: 4/12/2017 14:29:19 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	.00029	.00165	.00181	.00207	.01059	.01491	.39248	.02596
Stddev	.00009	.00005	.00005	.00004	.00019	.00059	.00611	.00049
%RSD	29.337	3.0844	2.7628	1.7389	1.7921	3.9837	1.5575	1.8702

#1	.00020	.00171	.00186	.00203	.01046	.01467	.39765	.02646
#2	.00037	.00163	.00176	.00208	.01081	.01559	.39406	.02550
#3	.00032	.00162	.00182	.00210	.01051	.01448	.38574	.02592

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	.00729	.23820	.00142	.03649	.00604	.00185	.00555	.03124
Stddev	.00005	.00190	.00005	.00017	.00032	.00026	.00030	.00013
%RSD	.69515	.79756	3.7321	.45757	5.3544	13.889	5.4672	.42645

#1	.00729	.23763	.00141	.03635	.00568	.00157	.00583	.03109
#2	.00733	.24032	.00138	.03668	.00630	.00191	.00558	.03128
#3	.00723	.23665	.00148	.03645	.00615	.00208	.00523	.03135

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	.02206	.00245	.03165	.00347	.00270	.19665	-.00002	.00904
Stddev	.00009	.00013	.00044	.00006	.00032	.00185	.00006	.00021
%RSD	.39765	5.4872	1.3848	1.8617	11.789	.94048	352.39	2.3217

#1	.02202	.00260	.03190	.00343	.00301	.19868	.00001	.00928
#2	.02216	.00240	.03192	.00355	.00238	.19505	.00003	.00888
#3	.02200	.00235	.03115	.00344	.00270	.19622	-.00008	.00898

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	.00713	.00267	.04954	.00087	.04269	.08463	1.2335	
Stddev	.00001	.00009	.00117	.00011	.00066	.00158	.0054	
%RSD	.20841	3.4469	2.3701	12.352	1.5390	1.8714	.43419	

#1	.00714	.00273	.05088	.00077	.04286	.08284	1.2390	
#2	.00712	.00271	.04905	.00098	.04324	.08520	1.2333	
#3	.00713	.00256	.04870	.00087	.04196	.08585	1.2283	

Sample Name: S1 Acquired: 4/12/2017 14:29:19 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	1694.0	2913.5	51272.	6103.1	4277.5
Stddev	7.8	20.0	189.	29.9	28.0
%RSD	.45810	.68813	.36908	.49056	.65375
#1	1691.8	2913.3	51126.	6075.8	4291.5
#2	1702.6	2893.6	51204.	6098.4	4245.3
#3	1687.5	2933.7	51486.	6135.1	4295.7

Sample Name: S2 Acquired: 4/12/2017 14:34:47 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	.06195	.09111	1.1666	.06947	.22874	2.6602	4.8913	.65765
Stddev	.00020	.00023	.0021	.00013	.00046	.1197	.2079	.02460
%RSD	.31998	.24696	.18236	.18941	.19937	4.4979	4.2494	3.7407

#1	.06177	.09086	1.1646	.06932	.22822	2.7293	5.0177	.67270
#2	.06191	.09126	1.1664	.06956	.22907	2.7292	5.0048	.67099
#3	.06216	.09123	1.1688	.06953	.22894	2.5220	4.6514	.62926

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	.94330	2.8559	.52310	.48495	.74285	.62376	1.3457	.38928
Stddev	.00258	.1107	.00783	.00131	.03246	.02421	.0547	.01526
%RSD	.27383	3.8750	1.4972	.26985	4.3692	3.8806	4.0661	3.9210

#1	.94046	2.9169	.53104	.48364	.76246	.63677	1.3795	.39681
#2	.94392	2.9227	.51538	.48495	.76070	.63869	1.3751	.39932
#3	.94551	2.7282	.52288	.48626	.70539	.59584	1.2826	.37171

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	.36160	.08900	.26858	.04110	.18529	1.1971	.05237	.61204
Stddev	.00129	.00091	.01079	.00145	.00068	.0503	.00009	.02147
%RSD	.35569	1.0210	4.0193	3.5269	.36699	4.1998	.17712	3.5083

#1	.36017	.08996	.27587	.04190	.18580	1.2265	.05240	.62555
#2	.36266	.08816	.27369	.04197	.18452	1.2257	.05245	.62329
#3	.36198	.08887	.25618	.03943	.18556	1.1390	.05227	.58728

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	.84254	.02919	.59463	.13448	.44961	2.0984	14.978	
Stddev	.00276	.00006	.02128	.00058	.01784	.0986	.675	
%RSD	.32768	.20535	3.5795	.43497	3.9686	4.6990	4.5077	

#1	.83938	.02912	.60642	.13381	.46103	2.1612	15.390	
#2	.84377	.02923	.60741	.13477	.45876	2.1494	15.346	
#3	.84448	.02921	.57006	.13487	.42905	1.9848	14.199	

Sample Name: S2 Acquired: 4/12/2017 14:34:47 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	1561.0	2698.9	47384.	6014.4	3671.5
Stddev	9.1	5.2	412.	227.4	5.0
%RSD	.58518	.19115	.86949	3.7808	.13590
#1	1555.3	2704.7	46969.	5885.4	3676.2
#2	1571.5	2694.7	47793.	5880.7	3666.3
#3	1556.1	2697.3	47390.	6276.9	3672.2

Sample Name: S3 Acquired: 4/12/2017 14:38:40 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	.12328	.17515	2.2940	.13640	.45617	5.3535	9.7286	1.3138
Stddev	.00043	.00152	.0011	.00037	.00225	.0434	.0567	.0069
%RSD	.34806	.86671	.04868	.27089	.49247	.81075	.58320	.52542

#1	.12358	.17480	2.2936	.13630	.45671	5.3382	9.6816	1.3144
#2	.12347	.17384	2.2931	.13681	.45810	5.4025	9.7916	1.3203
#3	.12279	.17681	2.2953	.13609	.45371	5.3198	9.7126	1.3066

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	1.8668	5.6837	1.0268	.96333	1.4704	1.2303	2.6486	.78348
Stddev	.0053	.0428	.0321	.00171	.0082	.0051	.0149	.00313
%RSD	.28309	.75277	3.1270	.17739	.55905	.41139	.56277	.39941

#1	1.8638	5.6472	1.0098	.96182	1.4662	1.2253	2.6374	.78137
#2	1.8637	5.7308	1.0067	.96299	1.4799	1.2354	2.6655	.78707
#3	1.8729	5.6731	1.0638	.96518	1.4652	1.2302	2.6428	.78198

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	.71291	.18111	.54623	.08138	.38147	2.3993	.10732	1.2069
Stddev	.00036	.00490	.00205	.00061	.00942	.0157	.00079	.0054
%RSD	.04992	2.7048	.37493	.75404	2.4691	.65422	.73206	.45012

#1	.71259	.17902	.54388	.08083	.37739	2.3905	.10731	1.2069
#2	.71329	.17761	.54718	.08204	.37477	2.4175	.10654	1.2123
#3	.71287	.18671	.54763	.08127	.39224	2.3901	.10811	1.2015

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	1.6453	.05946	1.1579	.26719	.88893	4.2386	29.668	
Stddev	.0027	.00044	.0065	.00055	.00333	.0168	.174	
%RSD	.16348	.73469	.56037	.20417	.37474	.39602	.58502	

#1	1.6477	.05938	1.1575	.26774	.88687	4.2239	29.595	
#2	1.6456	.05907	1.1646	.26665	.89277	4.2569	29.866	
#3	1.6424	.05993	1.1516	.26720	.88715	4.2349	29.542	

Sample Name: S3 Acquired: 4/12/2017 14:38:40 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	1505.1	2620.4	45951.	5920.2	3467.5
Stddev	41.0	12.4	1134.	43.2	7.6
%RSD	2.7251	.47188	2.4680	.73017	.21831
#1	1528.9	2615.0	46579.	5933.0	3464.6
#2	1528.7	2611.6	46633.	5872.0	3461.8
#3	1457.8	2634.5	44642.	5955.6	3476.1

Sample Name: S4 Acquired: 4/12/2017 14:42:31 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	.24827	.33590	4.5277	.27071	.91126	10.986	19.758	2.6161
Stddev	.00499	.00552	.0743	.00500	.01624	.077	.091	.0267
%RSD	2.0100	1.6431	1.6410	1.8464	1.7826	.69657	.46239	1.0203

#1	.25172	.33946	4.5705	.27456	.92216	10.994	19.801	2.6172
#2	.25054	.33869	4.5706	.27252	.91904	11.059	19.819	2.6422
#3	.24254	.32954	4.4419	.26506	.89259	10.906	19.653	2.5889

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	3.7139	11.341	1.9830	1.9131	2.9586	2.4097	5.1836	1.5923
Stddev	.0541	.085	.0147	.0342	.0235	.0216	.0472	.0166
%RSD	1.4562	.74937	.73919	1.7874	.79540	.89444	.91046	1.0399

#1	3.7435	11.363	1.9995	1.9344	2.9674	2.4221	5.2140	1.6037
#2	3.7467	11.413	1.9779	1.9313	2.9765	2.4222	5.2074	1.5998
#3	3.6515	11.247	1.9715	1.8737	2.9320	2.3848	5.1292	1.5733

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	1.3996	.36884	1.1085	.16088	.76413	4.9233	.22043	2.3850
Stddev	.0219	.00163	.0067	.00125	.00554	.0319	.00379	.0237
%RSD	1.5614	.44202	.60413	.77456	.72498	.64802	1.7176	.99274

#1	1.4115	.37047	1.1136	.16144	.77031	4.9332	.22269	2.3935
#2	1.4128	.36884	1.1110	.16175	.76247	4.9491	.22253	2.4032
#3	1.3743	.36721	1.1009	.15945	.75961	4.8876	.21606	2.3582

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	3.2104	.12211	2.2984	.52889	1.7604	8.7528	58.279	
Stddev	.0593	.00209	.0219	.00829	.0164	.0467	.474	
%RSD	1.8467	1.7096	.95204	1.5671	.93059	.53337	.81341	

#1	3.2525	.12324	2.3054	.53325	1.7707	8.7542	58.538	
#2	3.2361	.12339	2.3160	.53410	1.7689	8.7987	58.567	
#3	3.1426	.11970	2.2739	.51934	1.7415	8.7054	57.732	

Sample Name: S4 Acquired: 4/12/2017 14:42:31 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	1441.5	2519.3	44805.	5759.2	3233.6
Stddev	6.1	45.2	293.	55.9	54.7
%RSD	.42104	1.7952	.65427	.97139	1.6911
#1	1434.6	2490.5	44469.	5726.7	3203.8
#2	1444.0	2495.9	44936.	5727.1	3200.2
#3	1446.0	2571.4	45010.	5823.8	3296.7

Sample Name: S5 Acquired: 4/12/2017 14:46:29 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	.51815	.64736	8.9355	.55910	1.9019	22.313	39.174	5.1248
Stddev	.00109	.00131	.0270	.00090	.0079	.058	.086	.0293
%RSD	.21127	.20200	.30218	.16121	.41430	.26147	.21956	.57234

#1	.51842	.64879	8.9646	.55990	1.9101	22.344	39.265	5.1573
#2	.51908	.64623	8.9306	.55926	1.9014	22.246	39.093	5.1167
#3	.51694	.64706	8.9113	.55812	1.8943	22.350	39.165	5.1004

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	7.2951	22.322	3.7389	3.7839	5.9370	4.6098	9.9272	3.1445
Stddev	.0202	.050	.0234	.0130	.0109	.0087	.0238	.0077
%RSD	.27674	.22509	.62516	.34266	.18424	.18918	.24012	.24476

#1	7.3139	22.272	3.7651	3.7967	5.9329	4.6046	9.9028	3.1391
#2	7.2975	22.372	3.7201	3.7841	5.9288	4.6198	9.9505	3.1533
#3	7.2738	22.323	3.7315	3.7708	5.9494	4.6048	9.9285	3.1411

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	2.7431	.75672	2.2236	.31224	1.5588	10.033	.46008	4.5123
Stddev	.0111	.00641	.0041	.00114	.0050	.030	.00131	.0258
%RSD	.40400	.84643	.18433	.36444	.32389	.29420	.28492	.57089

#1	2.7544	.76368	2.2189	.31102	1.5612	10.044	.46057	4.5388
#2	2.7426	.75107	2.2255	.31327	1.5622	10.000	.46107	4.5108
#3	2.7323	.75541	2.2264	.31244	1.5530	10.056	.45859	4.4873

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	6.3992	.25262	4.4221	1.0472	3.4279	17.952	114.71	
Stddev	.0150	.00062	.0262	.0033	.0087	.024	.35	
%RSD	.23517	.24609	.59324	.31872	.25272	.13151	.30146	

#1	6.4062	.25326	4.4508	1.0504	3.4223	17.967	114.83	
#2	6.4095	.25257	4.4164	1.0474	3.4379	17.925	114.97	
#3	6.3819	.25202	4.3993	1.0437	3.4235	17.965	114.32	

Sample Name: S5 Acquired: 4/12/2017 14:46:29 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	1318.3	2272.7	42606.	5597.3	2883.3
Stddev	11.2	8.1	237.	20.7	12.6
%RSD	.85071	.35668	.55739	.36975	.43529
#1	1305.4	2266.2	42366.	5578.8	2870.7
#2	1323.5	2270.2	42841.	5593.4	2883.5
#3	1325.9	2281.8	42612.	5619.6	2895.8

Sample Name: S6 Acquired: 4/12/2017 14:50:23 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	58.155	35.602	12.013	5.0219	6.1507
Stddev	.201	.057	.018	.0124	.0053
%RSD	.34541	.16022	.14651	.24610	.08702

#1	58.143	35.660	12.033	5.0341	6.1445
#2	58.362	35.600	12.009	5.0220	6.1540
#3	57.960	35.546	11.999	5.0094	6.1536

Int. Std.	Y_3710
Units	Cts/S
Avg	5469.4
Stddev	21.4
%RSD	.39095

#1	5458.3
#2	5456.0
#3	5494.1

Sample Name: ICV Acquired: 4/12/2017 14:54:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	.9511455	1.112905	.9811869	.9632558	.9530731	2.418931
Stddev	.0032191	.004431	.0001643	.0039850	.0045315	.005170
%RSD	.3384416	.3981115	.0167429	.4136982	.4754570	.2137365

#1	.9538495	1.117907	.9813753	.9651772	.9579395	2.419734
#2	.9520023	1.109473	.9811121	.9659160	.9523051	2.413407
#3	.9475847	1.111336	.9810734	.9586742	.9489747	2.423653

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5089370	.5058030	.4824906	10.64863	.5339623	.4872745
Stddev	.0025004	.0017142	.0004516	.05930	.0058533	.0015544
%RSD	.4912887	.3389005	.0935924	.5569184	1.096194	.3190053

#1	.5074153	.5077820	.4826428	10.60189	.5405667	.4879893
#2	.5075729	.5047811	.4828464	10.62867	.5294163	.4883429
#3	.5118227	.5048459	.4819826	10.71534	.5319039	.4854912

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5111378	5.574738	.5172928	5.908313	.5027670	.4761259
Stddev	.0046110	.036365	.0035099	.006303	.0010292	.0059725
%RSD	.9021019	.6523152	.6785186	.1066735	.2047100	1.254398

#1	.5075010	5.543769	.5144985	5.910378	.5026674	.4827025
#2	.5095884	5.565665	.5161476	5.913325	.5038425	.4710398
#3	.5163239	5.614781	.5212323	5.901237	.5017913	.4746355

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.834314	.5437964	.9426873	9.056741	F .0008634	F -.012349
Stddev	.027782	.0041115	.0118774	.010760	.0009083	.000657
%RSD	.2824972	.7560658	1.259948	.1188015	105.2036	5.319310

#1	9.815191	.5462271	.9436001	9.067860	.0007161	-.012177
#2	9.866181	.5390493	.9303799	9.046381	.0018363	-.011795
#3	9.821570	.5461127	.9540820	9.055980	.0000377	-.013074

Sample Name: ICV Acquired: 4/12/2017 14:54:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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 -.001973	-.009444	-.000411	F -.001548	-.001774	.0016291
Stddev	.000275	.002665	.000126	.000237	.000648	.0004807
%RSD	13.91788	28.21396	30.55712	15.29268	36.54608	29.50595

#1	-.002218	-.010555	-.000530	-.001489	-.001280	.0021445
#2	-.002026	-.011373	-.000280	-.001809	-.001535	.0011931
#3	-.001676	-.006404	-.000424	-.001346	-.002509	.0015495

Elem	Sr4077
Units	ppm
Avg	.0103881
Stddev	.0000650
%RSD	.6253954

#1	.0103778
#2	.0103289
#3	.0104576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.200	2920.664	51140.44	6065.989	4216.239
Stddev	34.488	11.700	640.32	13.035	11.957
%RSD	2.028484	.4005853	1.252081	.2148873	.2835988

#1	1665.388	2908.855	50499.46	6073.684	4207.116
#2	1734.356	2920.886	51780.10	6073.343	4211.824
#3	1700.857	2932.251	51141.77	6050.938	4229.775

Sample Name: ICB Acquired: 4/12/2017 15:01:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	-.003377	-.004870	-.000614	.0000553	-.000523	-.009962	-.006208
Stddev	.002002	.000616	.000532	.0013840	.000555	.002267	.000426
%RSD	59.28580	12.65023	86.59842	2504.476	106.0451	22.76033	6.865282

#1	-.001630	-.004295	-.000534	.0005701	-.001106	-.011644	-.006290
#2	-.002940	-.004795	-.001182	.0011080	-.000463	-.007383	-.006586
#3	-.005562	-.005520	-.000127	-.001512	-.000001	-.010859	-.005746

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000093	-.000441	-.020151	-.000743	-.000394	-.001932	-.007592
Stddev	.000038	.000054	.006940	.000282	.000071	.001612	.008599
%RSD	40.49141	12.35602	34.44020	37.99306	17.96281	83.46050	113.2659

#1	-.000133	-.000378	-.015828	-.000420	-.000403	-.000317	-.004355
#2	-.000087	-.000474	-.028156	-.000945	-.000459	-.003541	-.001081
#3	-.000058	-.000470	-.016468	-.000863	-.000319	-.001936	-.017339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001451	.0208402	-.000673	-.000066	.0596710	-.003960	.0023586
Stddev	.000167	.0218320	.000066	.000134	.0811548	.001704	.0050272
%RSD	11.53465	104.7592	9.741051	204.2084	136.0038	43.01935	213.1424

#1	-.001634	.0044701	-.000600	.000025	.0519712	-.002477	-.002556
#2	-.001410	.0124224	-.000725	-.000220	-.017360	-.003582	.002140
#3	-.001307	.0456280	-.000696	-.000002	.144401	-.005821	.007491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.50974	.0013797	-.006773	-.001565	-.016279	-.007834	-.001054
Stddev	.03954	.0012656	.000197	.000274	.002131	.000818	.000176
%RSD	2.618842	91.73356	2.905026	17.49742	13.09237	10.43552	16.73960

#1	-1.54461	.0012495	-.006939	-.001824	-.017608	-.007234	-.001089
#2	-1.51783	.0001842	-.006825	-.001593	-.013821	-.007504	-.001209
#3	-1.46678	.0027053	-.006556	-.001278	-.017409	-.008765	-.000862

Sample Name: ICB Acquired: 4/12/2017 15:01:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	-.000923	-.003401	-.002161
Stddev	.000540	.000539	.000101
%RSD	58.51753	15.85107	4.674562

#1	-.000299	-.003911	-.002059
#2	-.001221	-.003455	-.002165
#3	-.001247	-.002837	-.002260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.801	2971.679	53238.47	6211.341	4463.607
Stddev	11.788	15.159	243.94	25.439	22.041
%RSD	.6668066	.5101262	.4582021	.4095602	.4937890

#1	1754.255	2979.851	53065.95	6215.013	4470.711
#2	1775.723	2954.187	53131.89	6234.744	4438.890
#3	1773.427	2981.000	53517.56	6184.265	4481.220

Sample Name: IC5A Acquired: 4/12/2017 15:06:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004923	-.019237	-.001914	-.018981	.0008969	247.0140
Stddev	.003307	.000538	.000662	.004895	.0006295	3.3695
%RSD	67.17864	2.796952	34.59606	25.78634	70.18809	1.364075

#1	-.008643	-.019740	-.002538	-.020984	.0015701	248.8763
#2	-.003809	-.018669	-.001986	-.013403	.0007977	249.0412
#3	-.002316	-.019302	-.001219	-.022557	.0003229	243.1245

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000480	.0008068	.0027002	252.6969	.0480592	-.000343
Stddev	.000724	.0001412	.0000604	3.7121	.0007071	.000253
%RSD	150.9525	17.49850	2.237316	1.469002	1.471217	73.85024

#1	-.001289	.0008055	.0027383	253.8311	.0482496	-.000473
#2	.000105	.0006662	.0026305	255.7096	.0472764	-.000051
#3	-.000254	.0009486	.0027318	248.5499	.0486516	-.000505

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200020	103.2408	.0080413	256.4973	-.000319	-.001529
Stddev	.0018060	1.6985	.0002213	4.0329	.000245	.000275
%RSD	9.028914	1.645197	2.751763	1.572300	76.96039	17.96431

#1	.0215042	104.3952	.0082746	258.6942	-.000062	-.001245
#2	.0179983	104.0366	.0078345	258.9548	-.000551	-.001549
#3	.0205034	101.2905	.0080148	251.8430	-.000343	-.001793

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3667862	-.004055	.0129066	-.311100	-.008636	F -.239648
Stddev	.0656011	.002769	.0142687	.016906	.001341	.003657
%RSD	17.88539	68.28138	110.5535	5.434110	15.52486	1.525879

#1	.3347203	-.004969	-.002704	-.304973	-.009588	-.239304
#2	.4422526	-.006251	.016148	-.298113	-.009217	-.243464
#3	.3233856	-.000945	.025275	-.330215	-.007103	-.236175

Sample Name: ICSA Acquired: 4/12/2017 15:06:00 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	-.000863	.0183166	-.004231	-.002624	.0012840	.0022222
Stddev	.000096	.0038153	.000570	.000386	.0005758	.0009020
%RSD	11.11659	20.82988	13.47774	14.69650	44.84378	40.58774

#1	-.000969	.0203830	-.004674	-.003051	.0007087	.0023645
#2	-.000780	.0206529	-.004431	-.002302	.0018604	.0030446
#3	-.000841	.0139138	-.003587	-.002518	.0012830	.0012576

Elem	Sr4077
Units	ppm
Avg	.1015629
Stddev	.0014378
%RSD	1.415703

#1	.1023448
#2	.1024405
#3	.0999036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.595	2583.976	46166.63	5912.140	3346.247
Stddev	5.412	48.035	211.16	99.400	66.445
%RSD	.3517592	1.858949	.4573830	1.681291	1.985643

#1	1541.495	2532.016	45976.54	5868.775	3272.325
#2	1541.940	2593.152	46393.92	5841.789	3365.419
#3	1532.351	2626.762	46129.44	6025.855	3400.998

Sample Name: ICSAB Acquired: 4/12/2017 15:18:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	.0905670	.0970927	.0471302	.0234093	.5786010	248.9988
Stddev	.0014589	.0036946	.0037331	.0014845	.0139933	.4181
%RSD	1.610880	3.805188	7.920857	6.341552	2.418477	.1679114

#1	.0920705	.0929900	.0503769	.0217339	.5848680	249.3190
#2	.0904732	.1001569	.0479624	.0239330	.5883653	248.5257
#3	.0891572	.0981313	.0430511	.0245610	.5625695	249.1515

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5028634	.5087453	.9728867	257.2300	.5611286	.4879314
Stddev	.0002582	.0019853	.0193116	.0425	.0009729	.0090174
%RSD	.0513456	.3902351	1.984982	.0165124	.1733843	1.848079

#1	.5026049	.5100244	.9820958	257.1810	.5600656	.4927784
#2	.5028641	.5064582	.9858701	257.2521	.5619749	.4934886
#3	.5031213	.5097533	.9506943	257.2569	.5613453	.4775271

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5222462	105.1921	.5017958	261.3060	.9777671	.1990588
Stddev	.0018887	.2294	.0008849	.2266	.0200809	.0010378
%RSD	.3616473	.2181198	.1763513	.0867010	2.053751	.5213697

#1	.5242173	104.9384	.5027448	261.1144	.9875075	.1997248
#2	.5204524	105.2528	.5016495	261.5560	.9911200	.1978630
#3	.5220690	105.3851	.5009932	261.2475	.9546736	.1995885

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3260906	.5222768	.9517103	-1.61763	-.011501	F -.245380
Stddev	.1786055	.0069491	.0277111	.03525	.001639	.000622
%RSD	54.77173	1.330529	2.911711	2.178970	14.25034	.2535449

#1	.3237125	.5247587	.9793973	-1.58801	-.009659	-.246071
#2	.1486861	.5276441	.9239753	-1.60826	-.012046	-.244864
#3	.5058733	.5144275	.9517584	-1.65661	-.012798	-.245204

Sample Name: ICSAB Acquired: 4/12/2017 15:18:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) 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	-.001842	-.009563	-.006653	-.002878	-.001249	-.002016
Stddev	.000297	.006773	.001067	.001233	.000635	.000606
%RSD	16.15043	70.82381	16.04340	42.85217	50.84606	30.06138

#1	-.002170	-.017255	-.006627	-.004283	-.000527	-.001885
#2	-.001590	-.006939	-.007733	-.001975	-.001498	-.002677
#3	-.001765	-.004494	-.005599	-.002375	-.001722	-.001486

Elem	Sr4077
Units	ppm
Avg	.1015629
Stddev	.0001803
%RSD	.1775423

#1	.1015610
#2	.1013836
#3	.1017442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.418	2677.713	46971.58	5956.599	3514.637
Stddev	3.925	46.197	70.93	19.765	65.384
%RSD	.2515525	1.725227	.1510082	.3318191	1.860338

#1	1555.888	2652.279	46928.54	5940.558	3480.542
#2	1562.797	2649.824	47053.45	5978.680	3473.347
#3	1562.570	2731.038	46932.75	5950.560	3590.022

Sample Name: CCV043 Acquired: 4/12/2017 15:22:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050413	4.868966	24.62126	4.928441	5.059558	407.6852
Stddev	.017114	.024127	.05619	.028843	.016507	1.3316
%RSD	.3388689	.4955181	.2282164	.5852256	.3262447	.3266323

#1	5.046040	4.865655	24.56610	4.940895	5.043765	408.2521
#2	5.035910	4.894578	24.67843	4.895464	5.058214	408.6395
#3	5.069290	4.846666	24.61924	4.948964	5.076696	406.1639

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13313	.5063469	2.537073	405.8271	15.42730	2.524719
Stddev	.03176	.0019503	.005102	2.3790	.01374	.007510
%RSD	.3134430	.3851629	.2010936	.5862020	.0890307	.2974495

#1	10.16920	.5045932	2.532634	404.5550	15.44106	2.516252
#2	10.10934	.5084472	2.542647	404.3546	15.41359	2.530573
#3	10.12084	.5060002	2.535939	408.5716	15.42726	2.527332

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40483	409.4442	14.64714	408.6286	2.518168	1.283573
Stddev	.02209	1.7993	.09522	2.1602	.005512	.003439
%RSD	.1434112	.4394413	.6500779	.5286569	.2188891	.2678968

#1	15.41380	408.7468	14.59250	407.5770	2.512163	1.285986
#2	15.42103	408.0981	14.59183	407.1955	2.522998	1.285097
#3	15.37967	411.4878	14.75709	411.1133	2.519342	1.279635

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.8756	2.496863	14.55641	157.8768	5.163016	F 4.297792
Stddev	1.3427	.017150	.00778	.6843	.009878	.014386
%RSD	.3349305	.6868509	.0534139	.4334176	.1913193	.3347213

#1	400.6885	2.487605	14.55285	157.8829	5.154071	4.291902
#2	399.6363	2.486332	14.56533	158.5580	5.161361	4.314189
#3	402.3020	2.516653	14.55106	157.1895	5.173618	4.287287

Sample Name: CCV043 Acquired: 4/12/2017 15:22:01 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972707	5.138600	4.969228	5.025282	4.987081	5.183136
Stddev	.012191	.014005	.009680	.011523	.026058	.021025
%RSD	.2451549	.2725437	.1948065	.2292993	.5225169	.4056343

#1	4.961458	5.124444	4.961893	5.022098	4.972207	5.204087
#2	4.971002	5.152449	4.980200	5.038061	4.971866	5.183281
#3	4.985660	5.138907	4.965592	5.015685	5.017170	5.162038

Elem	Sr4077
Units	ppm
Avg	5.130736
Stddev	.014978
%RSD	.2919321

#1	5.115931
#2	5.130395
#3	5.145881

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.861	2350.319	43341.90	5636.341	2929.047
Stddev	10.793	3.394	40.36	3.247	6.823
%RSD	.7776569	.1444066	.0931299	.0576058	.2329500

#1	1377.845	2354.237	43295.41	5639.455	2935.377
#2	1386.445	2348.445	43362.32	5632.976	2921.820
#3	1399.291	2348.275	43367.98	5636.593	2929.944

Sample Name: CCB043 Acquired: 4/12/2017 15:37:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000406	-.004687	.0067870	.0003934	-.000691	.0341446	.0153271
Stddev	.001225	.000705	.0024508	.0020598	.000554	.0044497	.0031693
%RSD	301.9699	15.02996	36.10958	523.6545	80.24518	13.03191	20.67740

#1	.000941	-.003909	.0095869	.0019298	-.000304	.0390842	.0186977
#2	-.001455	-.004872	.0057433	.0011975	-.000442	.0304500	.0148760
#3	-.000703	-.005282	.0050309	-.001947	-.001326	.0328998	.0124076

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	.0001657	.0785410	-.000622	.0001727	-.002883	.0751777
Stddev	.000039	.0002470	.0196490	.000056	.0002354	.001149	.0043416
%RSD	110.5219	149.0245	25.01746	9.070796	136.2922	39.84377	5.775081

#1	-.000006	.0004416	.1010478	-.000562	.0004357	-.001556	.0758611
#2	-.000080	.0000907	.0697711	-.000630	.0001004	-.003540	.0705349
#3	-.000021	-.000035	.0648042	-.000674	-.000018	-.003551	.0791370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060366	.0623745	.0002021	.0001323	.1648325	-.003517	-.000629
Stddev	.0009714	.0149814	.0002879	.0002141	.0954662	.003621	.001309
%RSD	16.09170	24.01848	142.4742	161.7670	57.91712	102.9403	208.1317

#1	.0069820	.0724811	.0004402	-.000113	.2402950	.000287	-.000317
#2	.0050412	.0694800	.0002839	.000281	.1966918	-.003917	.000496
#3	.0060868	.0451625	-.000118	.000229	.0575106	-.006921	-.002066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.51166	.0025150	-.007829	-.000126	-.012382	-.004647	-.000110
Stddev	.02638	.0007017	.000619	.000539	.004921	.001014	.000175
%RSD	1.745010	27.90237	7.900869	427.6031	39.74155	21.81378	158.8364

#1	-1.52706	.0019567	-.008123	.000493	-.013540	-.005580	.000043
#2	-1.48121	.0022855	-.008246	-.000496	-.006985	-.003568	-.000301
#3	-1.52673	.0033027	-.007118	-.000375	-.016620	-.004793	-.000072

Sample Name: CCB043 Acquired: 4/12/2017 15:37:41 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.017769	-.003172	-.001206
Stddev	.000885	.000670	.000113
%RSD	4.983002	21.11857	9.336023

#1	-.016750	-.002407	-.001077
#2	-.018209	-.003452	-.001257
#3	-.018349	-.003656	-.001284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.760	2985.094	54249.70	6252.620	4409.560
Stddev	15.996	12.262	335.92	23.803	13.570
%RSD	.8907537	.4107693	.6192061	.3806825	.3077429

#1	1788.738	2994.675	54071.92	6225.399	4418.260
#2	1784.477	2989.332	54040.03	6262.937	4416.497
#3	1814.066	2971.276	54637.14	6269.523	4393.924

Sample Name: CCV044 Acquired: 4/12/2017 17:10:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.006682	4.884730	24.73004	4.902657	4.992389	412.8165
Stddev	.031513	.029872	.16310	.033683	.034912	10.0119
%RSD	.6294103	.6115439	.6595390	.6870429	.6992961	2.425275

#1	5.006827	4.889112	24.77618	4.908427	4.998972	424.3771
#2	4.975098	4.852908	24.54884	4.866462	4.954654	407.0820
#3	5.038122	4.912169	24.86511	4.933083	5.023540	406.9902

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.60806	.4932062	2.551560	397.9300	15.11381	2.544874
Stddev	.54668	.0127454	.013740	9.9914	.05388	.019448
%RSD	2.652764	2.584187	.5385105	2.510845	.3564911	.7642220

#1	21.23925	.5078137	2.556726	409.4144	15.13346	2.550452
#2	20.30031	.4843504	2.535986	391.2340	15.05287	2.523246
#3	20.28462	.4874544	2.561969	393.1417	15.15511	2.560924

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.46848	400.6326	14.34965	398.2598	2.522808	1.243501
Stddev	.38115	10.3472	.37147	10.3217	.016259	.006941
%RSD	2.464037	2.582721	2.588677	2.591705	.6444805	.5581694

#1	15.90859	412.5756	14.77720	410.1577	2.526008	1.250983
#2	15.24790	394.3622	14.10615	391.7039	2.505187	1.237273
#3	15.24895	394.9601	14.16559	392.9179	2.537229	1.242247

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.4100	2.438890	13.78566	159.0730	5.238190	F 4.231817
Stddev	9.7994	.058930	.08186	3.5145	.040386	.122310
%RSD	2.478284	2.416267	.5938151	2.209361	.7709866	2.890237

#1	406.7083	2.506502	13.83903	163.1283	5.232055	4.372125
#2	390.2984	2.398434	13.82654	157.1767	5.201223	4.147704
#3	389.2233	2.411733	13.69141	156.9140	5.281292	4.175623

Sample Name: CCV044 Acquired: 4/12/2017 17:10:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911416	5.155723	4.870858	5.051165	5.453678	5.196349
Stddev	.031125	.043892	.128038	.035756	.123045	.124649
%RSD	.6337352	.8513255	2.628657	.7078786	2.256180	2.398780

#1	4.920004	5.131886	5.018077	5.052351	5.595437	5.339334
#2	4.876898	5.128906	4.785473	5.014831	5.374529	5.139139
#3	4.937346	5.206376	4.809025	5.086314	5.391070	5.110575

Elem	Sr4077
Units	ppm
Avg	5.186366
Stddev	.133225
%RSD	2.568762

#1	5.328765
#2	5.064760
#3	5.165572

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.422	2351.994	43746.49	5584.690	2886.351
Stddev	10.999	12.992	142.61	146.645	17.789
%RSD	.7938888	.5523717	.3259922	2.625833	.6162987

#1	1373.833	2346.041	43582.02	5415.362	2879.462
#2	1386.718	2366.895	43835.91	5670.159	2906.553
#3	1395.715	2343.044	43821.52	5668.549	2873.037

Sample Name: CCB044 Acquired: 4/12/2017 17:14:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009139	.0017628	.0086009	.0026634	.0006038	F .2843285
Stddev	.0000348	.0030661	.0006244	.0021478	.0002288	.0254165
%RSD	3.809412	173.9307	7.259561	80.64235	37.88815	8.939139

#1	.0009196	.0029008	.0092182	.0036281	.0003407	.2982804
#2	.0009455	.0040971	.0079696	.0002024	.0007150	.2549917
#3	.0008766	-.001710	.0086150	.0041598	.0007557	.2997134

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050659	.0002412	.0004683	.3161948	.0088039	.0004336
Stddev	.0002793	.0000717	.0000706	.0213754	.0012894	.0002296
%RSD	5.513632	29.72729	15.08443	6.760206	14.64592	52.94210

#1	.0052235	.0003230	.0005417	.3124523	.0101825	.0001877
#2	.0047434	.0002117	.0004624	.2969378	.0086014	.0006423
#3	.0052308	.0001890	.0004008	.3391943	.0076277	.0004708

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095177	F .3269616	.0114424	.3099559	.0006214	.0007309
Stddev	.0007168	.0275265	.0005357	.0194525	.0000637	.0000712
%RSD	7.531302	8.418870	4.682040	6.275905	10.24961	9.745135

#1	.0102128	.3344133	.0115328	.3284933	.0006949	.0007964
#2	.0087810	.2964765	.0108672	.2897020	.0005825	.0007412
#3	.0095593	.3499951	.0119271	.3116725	.0005868	.0006551

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3317982	-.001012	.0178307	.4048863	.0021593	.0014474
Stddev	.2303625	.002157	.0014823	.0206134	.0006961	.0011865
%RSD	69.42849	213.0319	8.313071	5.091160	32.23726	81.97604

#1	.1252776	-.000994	.0189427	.4031708	.0020175	.0026558
#2	.2898730	-.003179	.0161479	.3851843	.0015450	.0014022
#3	.5802440	.001135	.0184015	.4263038	.0029154	.0002841

Sample Name: CCB044 Acquired: 4/12/2017 17:14:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009001	.0039376	.0004288	.0008456	-.013504	.0029229
Stddev	.0002724	.0028726	.0016581	.0004749	.000976	.0002379
%RSD	30.26654	72.95459	386.6616	56.15835	7.229104	8.139969

#1	.0011892	.0031959	.0023105	.0012859	-.014460	.0031972
#2	.0008628	.0071083	-.000206	.0003424	-.013543	.0027716
#3	.0006482	.0015085	-.000818	.0009084	-.012509	.0028000

Elem	Sr4077
Units	ppm
Avg	.0021344
Stddev	.0002842
%RSD	13.31728

#1	.0023431
#2	.0018107
#3	.0022495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.935	2982.107	53451.10	6111.325	4356.857
Stddev	5.014	16.506	93.04	11.269	24.553
%RSD	.2795130	.5535133	.1740721	.1844033	.5635588

#1	1794.139	2997.390	53390.27	6114.059	4373.505
#2	1798.843	2984.329	53404.83	6120.976	4368.408
#3	1788.821	2964.602	53558.21	6098.940	4328.658

Sample Name: I2545-05A Acquired: 4/12/2017 17:31:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009467	.0541785	.0206201	.0647510	-.001736	1.893363	.2454065
Stddev	.0006059	.0024473	.0006111	.0010855	.000787	.002698	.0016967
%RSD	64.00341	4.517071	2.963875	1.676452	45.31966	.1424823	.6914015

#1	.0016095	.0532056	.0212066	.0635204	-.001220	1.890248	.2458003
#2	.0004211	.0523672	.0199870	.0651602	-.001347	1.894871	.2435474
#3	.0008096	.0569626	.0206668	.0655725	-.002641	1.894970	.2468716

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022957	.0005970	25.43785	.0202355	.0500750	-.002476	.0166494
Stddev	.0000674	.0000437	.10287	.0003133	.0004710	.001633	.0051122
%RSD	2.935504	7.326038	.4044066	1.548217	.9406607	65.95131	30.70494

#1	.0022602	.0005559	25.55626	.0198850	.0495890	-.000655	.0132071
#2	.0023734	.0005920	25.37039	.0204883	.0505295	-.003810	.0142175
#3	.0022534	.0006430	25.38691	.0203332	.0501064	-.002963	.0225236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.300731	10.97907	.0989381	-.000261	55.68888	.0938305	.0668075
Stddev	.017568	.02853	.0013123	.000176	.11760	.0008719	.0117802
%RSD	.4084988	.2598160	1.326414	67.62821	.2111755	.9292708	17.63306

#1	4.320914	10.94650	.0974542	-.000426	55.73504	.0928318	.0541304
#2	4.288870	10.99108	.0999459	-.000075	55.55520	.0942189	.0774171
#3	4.292407	10.99963	.0994143	-.000281	55.77640	.0944407	.0688749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9371205	.0017720	.0162785	-.001638	32.32269	12.14347	-.002975
Stddev	.0196750	.0007020	.0002782	.000172	.33481	.03496	.000851
%RSD	2.099515	39.61663	1.709223	10.50738	1.035844	.2878527	28.60457

#1	.9247524	.0018451	.0161270	-.001472	31.94612	12.17983	-.002627
#2	.9268008	.0010363	.0165997	-.001627	32.58677	12.14047	-.003945
#3	.9598084	.0024346	.0161090	-.001816	32.43519	12.11011	-.002354

Sample Name: I2545-05A Acquired: 4/12/2017 17:31:44 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BQ2A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.018876	.0030012	.1659307
Stddev	.001538	.0004701	.0006649
%RSD	8.150193	15.66471	.4007095

#1	-.020599	.0034572	.1666960
#2	-.018392	.0030284	.1656015
#3	-.017638	.0025181	.1654946

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.257	3065.176	56120.18	6772.706	4028.688
Stddev	12.432	29.240	229.69	15.854	43.150
%RSD	.6675587	.9539369	.4092908	.2340851	1.071058

#1	1876.564	3097.086	56324.52	6754.474	4075.685
#2	1856.122	3039.667	55871.57	6780.389	3990.860
#3	1854.086	3058.774	56164.45	6783.254	4019.518

Sample Name: I2454-05DLX10 Acquired: 4/12/2017 17:35:48 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0F45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102250	-.006187	.0448237	-.005694	-.000271	6.527043	.5624761
Stddev	.0030002	.000933	.0023764	.000038	.001113	.005090	.0038507
%RSD	29.34137	15.08423	5.301745	.6627666	410.2304	.0779895	.6845947

#1	.0125056	-.006234	.0464662	-.005697	-.001450	6.523852	.5668306
#2	.0068264	-.005231	.0420987	-.005730	-.000127	6.524363	.5595200
#3	.0113430	-.007096	.0459060	-.005655	.000762	6.532914	.5610778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011058	.0012114	205.9006	.0082589	.0021225	.0196617	11.16291
Stddev	.0000520	.0001179	.5446	.0004551	.0003529	.0013403	.03476
%RSD	4.707031	9.733739	.2644983	5.510614	16.62725	6.816790	.3113574

#1	.0011212	.0013163	205.3336	.0085959	.0024707	.0198637	11.13679
#2	.0010478	.0012341	205.9485	.0084396	.0021317	.0182319	11.14957
#3	.0011484	.0010838	206.4197	.0077412	.0017651	.0208896	11.20236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866970	8.242857	.0058421	.0001820	.1797205	.0287156	.1022328
Stddev	.0005395	.044055	.0002933	.0001579	.2042287	.0047164	.0124857
%RSD	.6222312	.5344592	5.020156	86.74862	113.6368	16.42462	12.21298

#1	.0861631	8.287756	.0056139	.0000192	-.018836	.0253514	.0996138
#2	.0866862	8.199698	.0057395	.0001923	.168814	.0266889	.0912643
#3	.0872419	8.241118	.0061729	.0003345	.389184	.0341067	.1158202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206590	.4488889	-.026626	-.001347	.3886546	.8123040	-.003954
Stddev	.009416	.0047553	.000462	.000190	.0041317	.0019974	.001787
%RSD	.7804092	1.059345	1.734648	14.12315	1.063069	.2458958	45.19393

#1	1.205751	.4434958	-.026201	-.001359	.3921116	.8142314	-.003392
#2	1.197620	.4524791	-.027117	-.001531	.3840788	.8124375	-.002516
#3	1.216397	.4506918	-.026560	-.001151	.3897735	.8102432	-.005954

Sample Name: I2454-05DLX10 Acquired: 4/12/2017 17:35:48 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0F45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1365401	.0112533	.3549905
Stddev	.0001703	.0011864	.0005775
%RSD	.1247444	10.54277	.1626803

#1	.1367336	.0119442	.3556461
#2	.1364740	.0098834	.3545571
#3	.1364128	.0119324	.3547682

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.984	2801.752	50582.10	6059.457	3759.722
Stddev	2.849	16.229	300.37	12.217	13.669
%RSD	.1709085	.5792302	.5938201	.2016114	.3635527

#1	1666.690	2783.025	50238.38	6047.892	3744.486
#2	1669.968	2810.527	50713.80	6058.244	3770.910
#3	1664.293	2811.704	50794.11	6072.234	3763.769

Sample Name: CCV045 Acquired: 4/12/2017 17:45:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.960778	4.839081	24.72441	4.848006	4.953771	406.2361
Stddev	.045343	.039425	.23833	.043119	.052494	1.7279
%RSD	.9140335	.8147291	.9639663	.8894154	1.059687	.4253460

#1	4.908547	4.797199	24.44947	4.800028	4.894285	404.7909
#2	4.990049	4.875475	24.87227	4.883521	4.973429	408.1500
#3	4.983737	4.844569	24.85150	4.860469	4.993599	405.7675

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.19253	.4940293	2.559635	394.1088	15.27448	2.541299
Stddev	.07868	.0024689	.024824	2.0430	.01572	.026274
%RSD	.3896639	.4997499	.9698196	.5183906	.1028857	1.033898

#1	20.10190	.4958647	2.531336	392.3802	15.25893	2.511313
#2	20.24338	.4912224	2.577731	393.5827	15.27416	2.560291
#3	20.23230	.4950008	2.569840	396.3634	15.29035	2.552292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17819	395.4694	14.16662	393.2194	2.527616	1.245130
Stddev	.06758	1.8839	.05540	1.6886	.027208	.001802
%RSD	.4452430	.4763595	.3910318	.4294171	1.076422	.1447555

#1	15.13375	393.9744	14.11305	391.8717	2.497414	1.246800
#2	15.25596	394.8485	14.16315	392.6730	2.550211	1.243219
#3	15.14486	397.5854	14.22368	395.1135	2.535223	1.245370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.7591	2.405769	13.53921	156.3690	5.201509	F 4.201921
Stddev	.5881	.015182	.06539	.8535	.048608	.009190
%RSD	.1508854	.6310698	.4829370	.5458189	.9344908	.2187155

#1	389.3187	2.393891	13.46572	155.9085	5.153574	4.211456
#2	389.5317	2.400542	13.59094	157.3538	5.250763	4.193120
#3	390.4269	2.422874	13.56097	155.8447	5.200189	4.201187

Sample Name: CCV045 Acquired: 4/12/2017 17:45:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889300	5.131811	4.846309	5.059719	5.367130	5.089077
Stddev	.045675	.060161	.021605	.047496	.019839	.020140
%RSD	.9341850	1.172312	.4458020	.9387145	.3696302	.3957422

#1	4.836978	5.063387	4.859350	5.005490	5.345926	5.071705
#2	4.909715	5.176414	4.821371	5.093928	5.385240	5.111152
#3	4.921208	5.155632	4.858207	5.079738	5.370224	5.084375

Elem	Sr4077
Units	ppm
Avg	5.113664
Stddev	.033318
%RSD	.6515423

#1	5.085060
#2	5.105684
#3	5.150247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.344	2376.103	44034.45	5650.925	2907.381
Stddev	6.800	20.158	70.81	11.321	27.176
%RSD	.4811156	.8483841	.1608079	.2003430	.9347259

#1	1407.888	2398.975	44008.76	5640.410	2938.739
#2	1411.182	2368.414	43980.06	5662.909	2890.684
#3	1420.962	2360.921	44114.51	5649.454	2892.719

Sample Name: CCB045 Acquired: 4/12/2017 17:49:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002877	-.003466	-.000896	-.001282	-.001667	-.005778	-.011962
Stddev	.001667	.002179	.001191	.003480	.000989	.003342	.000188
%RSD	57.93248	62.85341	132.9125	271.3877	59.31855	57.83817	1.571033

#1	-.001491	-.001140	.000181	.002610	-.002783	-.008193	-.012166
#2	-.002414	-.003800	-.000694	-.002365	-.000902	-.001964	-.011922
#3	-.004726	-.005459	-.002176	-.004091	-.001315	-.007179	-.011797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.000314	.0022606	-.001138	-.000447	-.001590	-.003644
Stddev	.000018	.000006	.0134897	.000414	.000058	.001334	.014307
%RSD	50.02198	1.772100	596.7210	36.34434	12.92898	83.91437	392.5684

#1	-.000055	-.000320	-.010718	-.001236	-.000505	-.001639	-.004628
#2	-.000033	-.000311	.016209	-.001494	-.000390	-.000232	-.017434
#3	-.000019	-.000311	.001291	-.000684	-.000444	-.002899	.011129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000913	-.000434	-.000196	-.000212	.0561351	-.005309	.0046628
Stddev	.000442	.037895	.000127	.000228	.0546044	.002715	.0052022
%RSD	48.39252	8733.286	64.68109	107.3947	97.27316	51.14859	111.5670

#1	-.000494	-.015076	-.000235	-.000350	.0687897	-.002928	.0091709
#2	-.000871	.042597	-.000054	.000051	-.003686	-.004732	.0058470
#3	-.001375	-.028823	-.000298	-.000338	.103301	-.008266	-.001029

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3007623	-.000167	-.001799	-.000818	.0014742	-.003037	-.001303
Stddev	.0340526	.000956	.000730	.000352	.0003864	.000565	.000585
%RSD	11.32211	572.8351	40.57154	43.05763	26.20994	18.62088	44.91220

#1	.3146199	.000914	-.000959	-.000417	.0017565	-.003439	-.001302
#2	.3257013	-.000511	-.002153	-.000960	.0010338	-.002390	-.001888
#3	.2619656	-.000903	-.002284	-.001077	.0016323	-.003281	-.000718

Sample Name: CCB045 Acquired: 4/12/2017 17:49:16 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v872) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.017851	.0003792	-.002081
Stddev	.000404	.0003604	.000032
%RSD	2.263373	95.05369	1.523250

#1	-.017846	.0005583	-.002045
#2	-.017450	.0006149	-.002101
#3	-.018258	-.000036	-.002098

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.280	3002.770	53377.21	6093.195	4407.113
Stddev	11.551	39.299	310.76	5.531	51.758
%RSD	.6509967	1.308761	.5822032	.0907690	1.174414

#1	1767.935	2991.892	53446.56	6094.531	4403.369
#2	1787.612	2970.055	53647.44	6087.118	4357.329
#3	1767.293	3046.362	53037.63	6097.935	4460.641