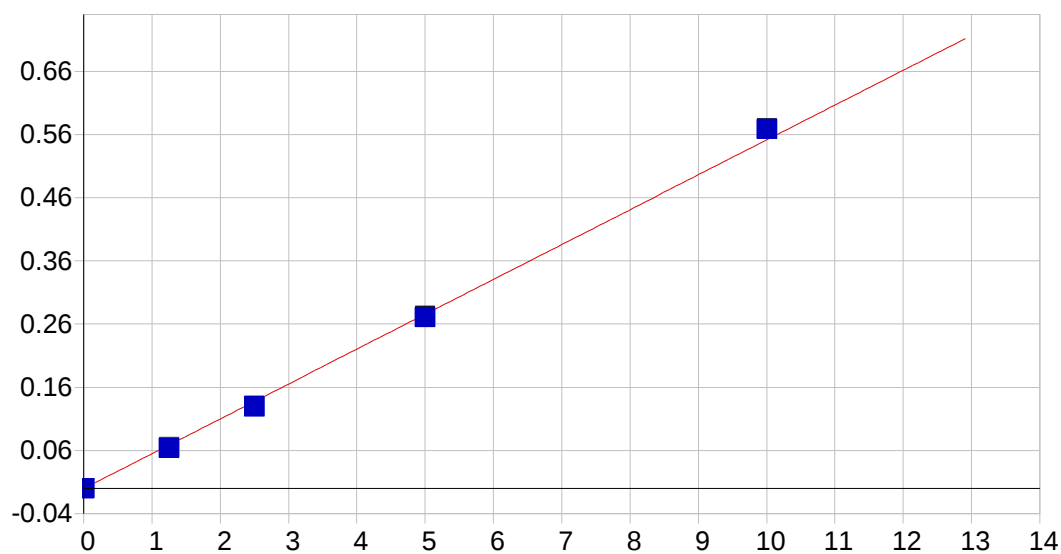


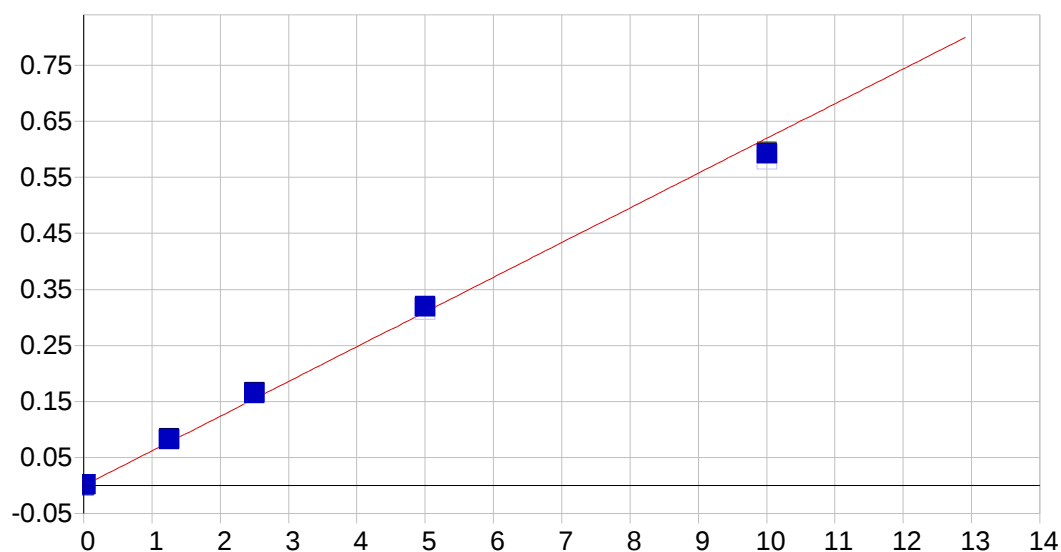


As 189.042 {479}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000335 Re-Slope: 1.000000
 A1 (Gain): 0.055177 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999318 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003776
 Predicted MQL: 0.012585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.00818	-.002	-18.2	.00012	.000	1
S2	1.2500	1.1721	-.078	-6.23	.06432	.000	1
S3	2.5000	2.3486	-.151	-6.05	.12922	.001	1
S4	5.0000	4.9171	-.083	-1.66	.27089	.002	1
S5	10.000	10.314	.314	3.14	.56860	.001	1



TI 190.856 {477}

Date of Fit: 8/25/2017 18:35:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000303

Re-Slope: 1.000000

A1 (Gain): 0.061995

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998769

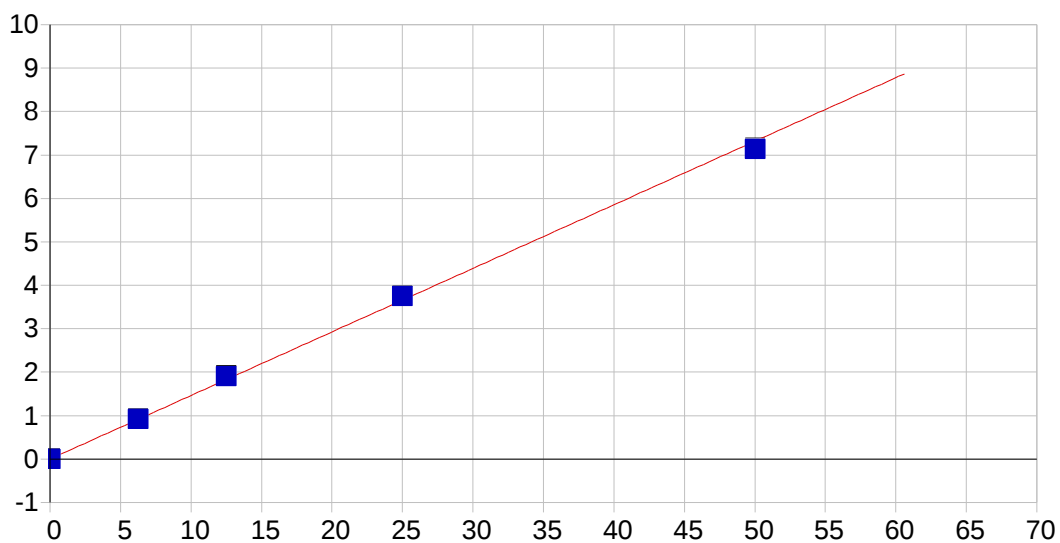
Status: OK.

Std Error of Est: 0.000080

Predicted MDL: 0.002036

Predicted MQL: 0.006788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00030	.000	1
S1	.02500	.03116	.006	24.6	.00150	.000	1
S2	1.2500	1.3435	.094	7.48	.08158	.001	1
S3	2.5000	2.6806	.181	7.22	.16306	.001	1
S4	5.0000	5.1507	.151	3.01	.31338	.001	1
S5	10.000	9.5695	-.431	-4.31	.58169	.002	1

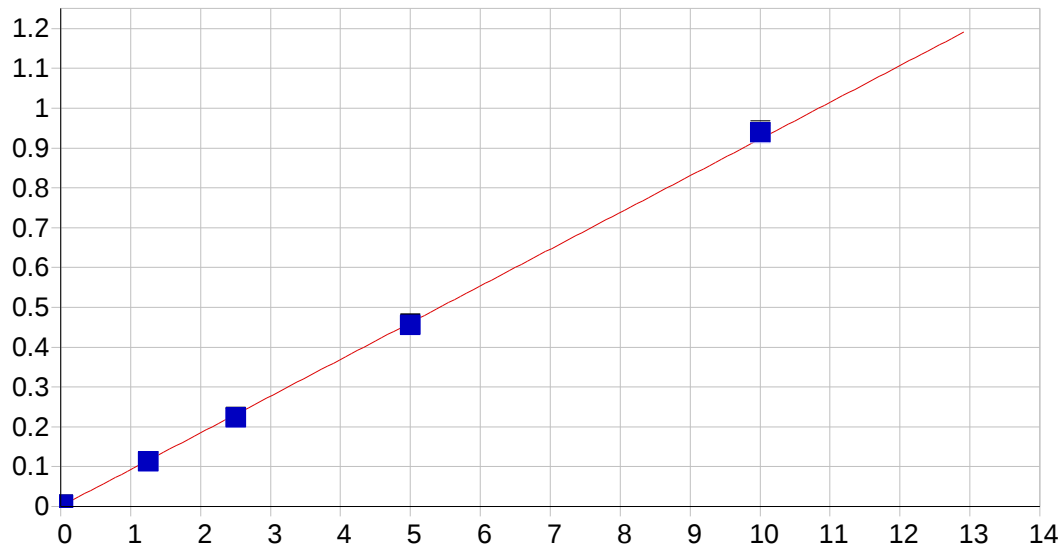


Pb 220.353 {453}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.146342 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999628 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.001709
 Predicted MQL: 0.005698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01014	.000	1.42	.00148	.000	1
S2	6.2500	6.3105	.060	.968	.92375	.001	1
S3	12.500	13.052	.552	4.42	1.9106	.007	1
S4	25.000	25.610	.610	2.44	3.7489	.002	1
S5	50.000	48.777	-1.22	-2.45	7.1403	.023	1

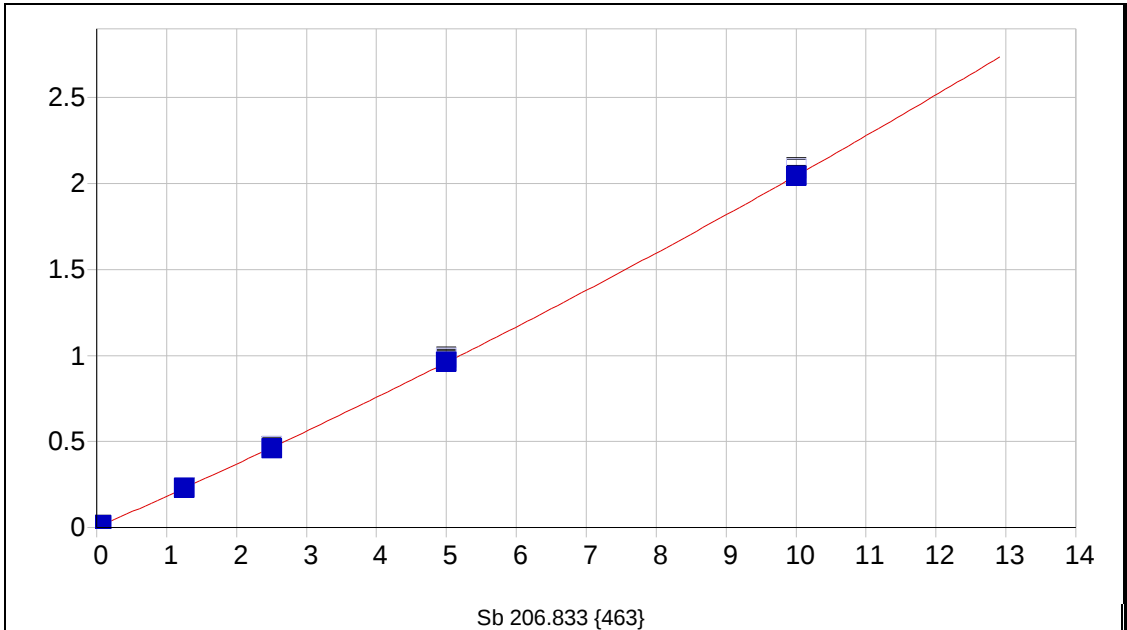


Se 196.090 {472}

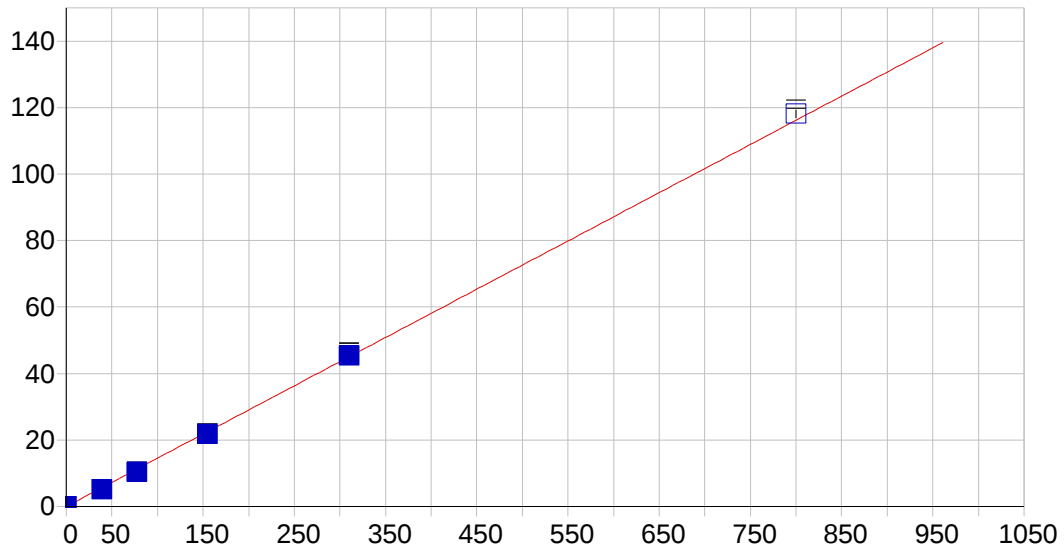
Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000604 Re-Slope: 1.000000
 A1 (Gain): 0.092181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999769 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.002832
 Predicted MQL: 0.009441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.03500	.03695	.002	5.58	.00401	.000	1
S2	1.2500	1.2127	-.037	-2.98	.11197	.001	1
S3	2.5000	2.4129	-.087	-3.48	.22217	.001	1
S4	5.0000	4.9349	-.065	-1.30	.45381	.003	1
S5	10.000	10.187	.187	1.87	.93629	.004	1



Date of Fit: 8/25/2017 18:35:44		Type of Fit:		Curvilinear	Weighting:	1/Conc	
A0 (Offset):		0.000316		Re-Slope:		1.000000	
A1 (Gain):		0.179162		Y-int:		0.000000	
A2 (Curvature):		0.002537					
n (Exponent):		1.000000					
Correlation:		0.999986		Status:	Warning	Positive Curvature	
Std Error of Est:		0.000051					
Predicted MDL:		0.001551					
Predicted MQL:		0.005170					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.06000	.06460	.005	7.67	.01190	.000	1
S2	1.2500	1.2520	.002	.156	.23398	.000	1
S3	2.5000	2.4786	-.021	-.857	.47073	.002	1
S4	5.0000	5.0192	.019	.384	.98501	.006	1
S5	10.000	9.9957	-.004	-.043	2.0877	.004	1

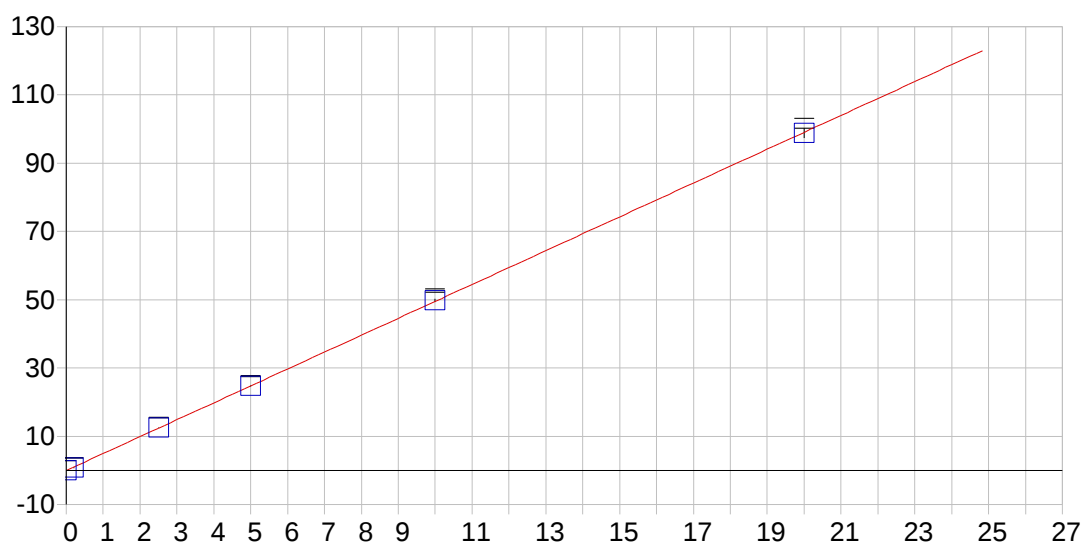


AI 396.152 { 85}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000435 Re-Slope: 1.000000
 A1 (Gain): 0.145220 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.002693
 Predicted MDL: 0.003372
 Predicted MQL: 0.011240

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00044	.000	1
S1	.20000	.18096	-.019	-9.52	.02677	.000	1
S2	38.750	35.327	-3.42	-8.83	5.1374	.040	1
S3	77.500	71.284	-6.22	-8.02	10.366	.084	1
S4	155.00	149.45	-5.55	-3.58	21.731	.176	1
S5	310.00	312.17	2.17	.700	45.388	.880	1
S6	800.00	813.05	13.0	1.63	118.07	1.22	1

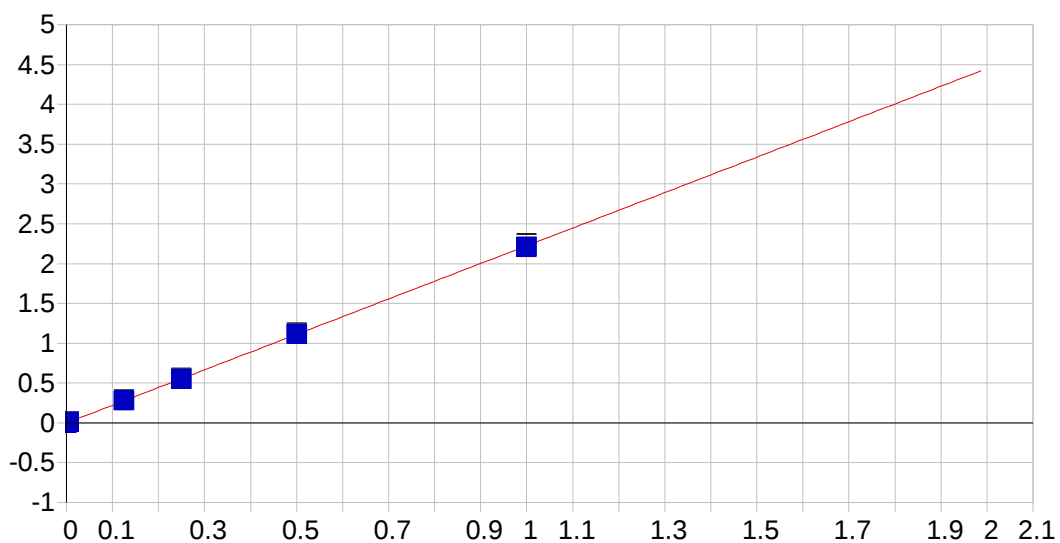


Ba 493.409 { 68}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.022297 Re-Slope: 1.000000
 A1 (Gain): 4.953448 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.007032
 Predicted MDL: 0.000201
 Predicted MQL: 0.000671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.02215	.001	1
S1	.20000	.16649	-.034	-16.8	.80241	.005	1
S2	2.5000	2.5398	.040	1.59	12.558	.107	1
S3	5.0000	4.9938	-.006	-.123	24.714	.188	1
S4	10.000	10.056	.056	.556	49.788	.480	1
S5	20.000	19.944	-.056	-.279	98.770	1.41	1

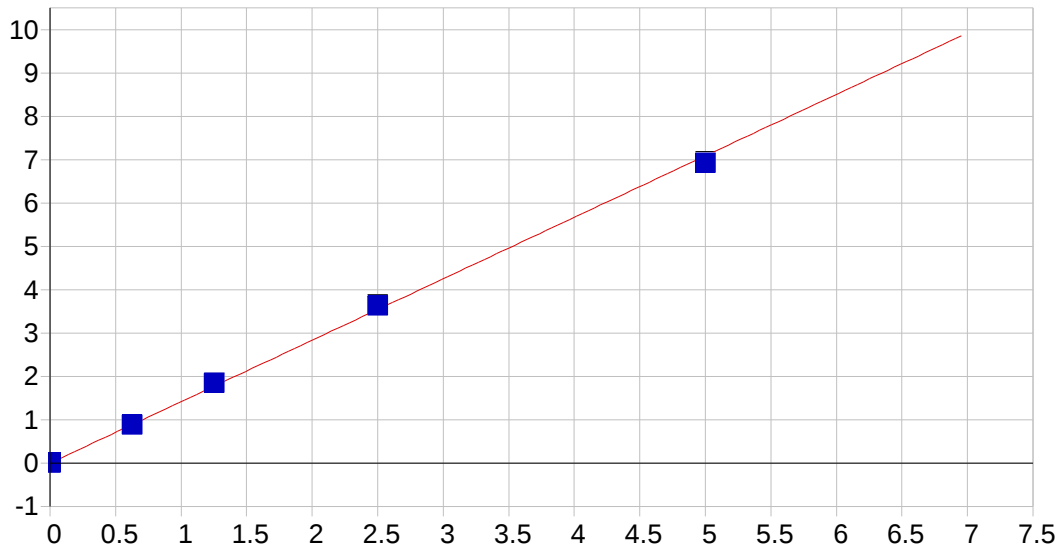


Be 234.861 {144}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001810 Re-Slope: 1.000000
 A1 (Gain): 2.225569 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000103
 Predicted MQL: 0.000343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00181	.000	1
S1	.00500	.00586	.001	17.3	.01123	.000	1
S2	.12500	.12821	.003	2.57	.28259	.003	1
S3	.25000	.24941	-.001	-.238	.55139	.007	1
S4	.50000	.50297	.003	.595	1.1139	.014	1
S5	1.0000	.99355	-.006	-.645	2.2019	.041	1

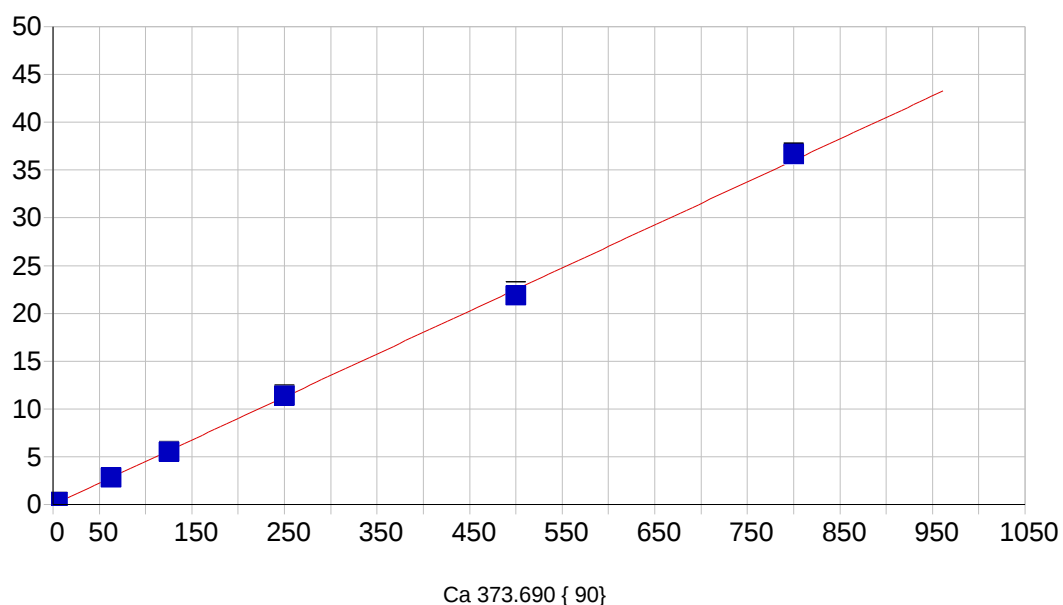


Cd 214.438 {457}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000576 Re-Slope: 1.000000
 A1 (Gain): 1.417432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999646 Status: OK.
 Std Error of Est: 0.000317
 Predicted MDL: 0.000133
 Predicted MQL: 0.000442

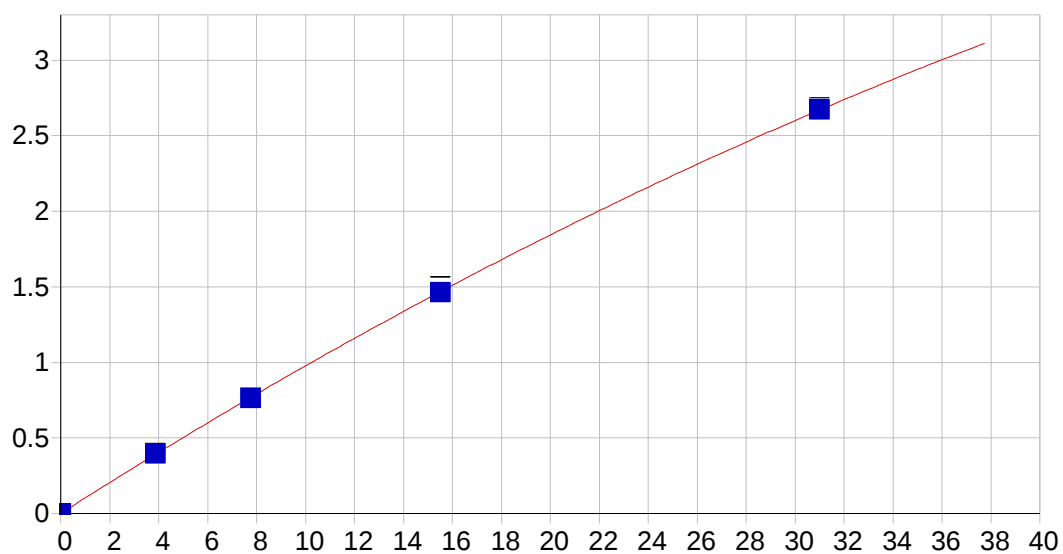
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00058	.000	1
S1	.00500	.00562	.001	12.4	.00740	.000	1
S2	.62500	.62467	.000	-.053	.88693	.000	1
S3	1.2500	1.3048	.055	4.38	1.8530	.006	1
S4	2.5000	2.5612	.061	2.45	3.6380	.020	1
S5	5.0000	4.8837	-.116	-2.33	6.9384	.016	1



Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001023 Re-Slope: 1.000000
 A1 (Gain): 0.045003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791 Status: OK.
 Std Error of Est: 0.003209
 Predicted MDL: 0.009239
 Predicted MQL: 0.030797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00032	.000	.000	.00104	.000	1
S1	5.0000	4.8121	-.188	-3.76	.21757	.000	1
S2	62.500	62.017	-.483	-.773	2.7885	.014	1
S3	125.00	122.77	-2.23	-1.78	5.5193	.026	1
S4	250.00	252.25	2.25	.899	11.339	.112	1
S5	500.00	486.05	-14.0	-2.79	21.847	.423	1
S6	800.00	814.62	14.6	1.83	36.588	.158	1

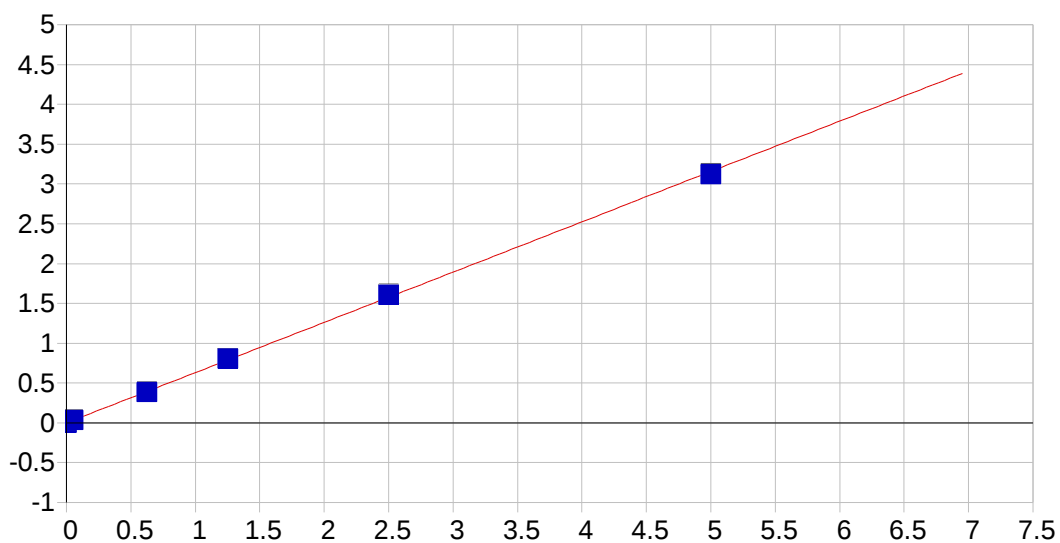


Cr 267.716 {126}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.103151 Y-int: 0.000000
 A2 (Curvature): -0.000549
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.000581
 Predicted MQL: 0.001938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.01117	.001	11.7	.00126	.000	1
S2	3.8750	3.9188	.044	1.13	.39693	.001	1
S3	7.7500	7.7148	-.035	-.455	.76529	.002	1
S4	15.500	15.467	-.033	-.211	1.4684	.036	1
S5	31.000	31.025	.025	.079	2.6804	.006	1

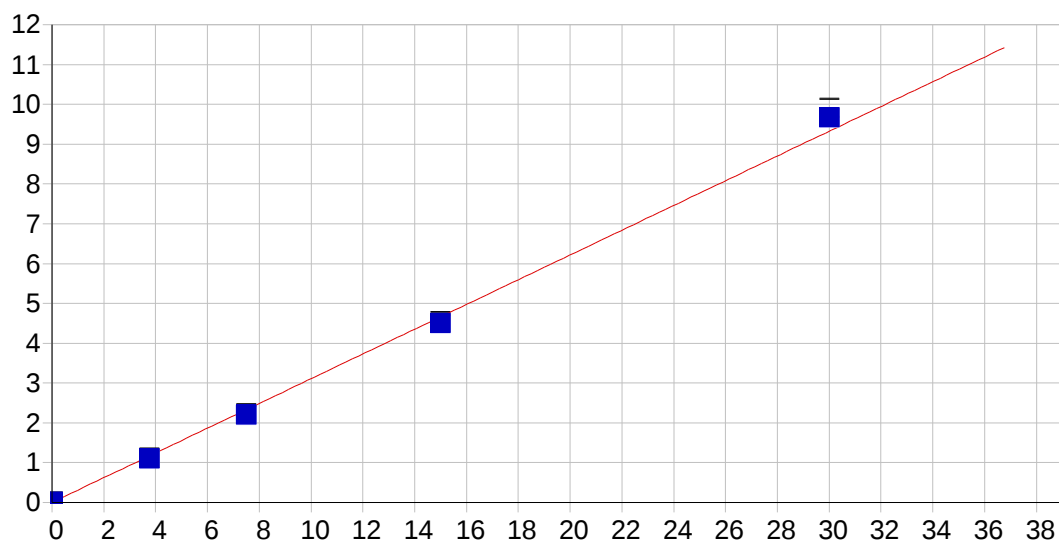


Co 228.616 {448}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.631240 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000262
 Predicted MDL: 0.000276
 Predicted MQL: 0.000919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.05000	.04911	-.001	-1.78	.03095	.000	1
S2	.62500	.61212	-.013	-2.06	.38705	.001	1
S3	1.2500	1.2751	.025	2.01	.80635	.001	1
S4	2.5000	2.5463	.046	1.85	1.6104	.005	1
S5	5.0000	4.9424	-.058	-1.15	3.1263	.007	1

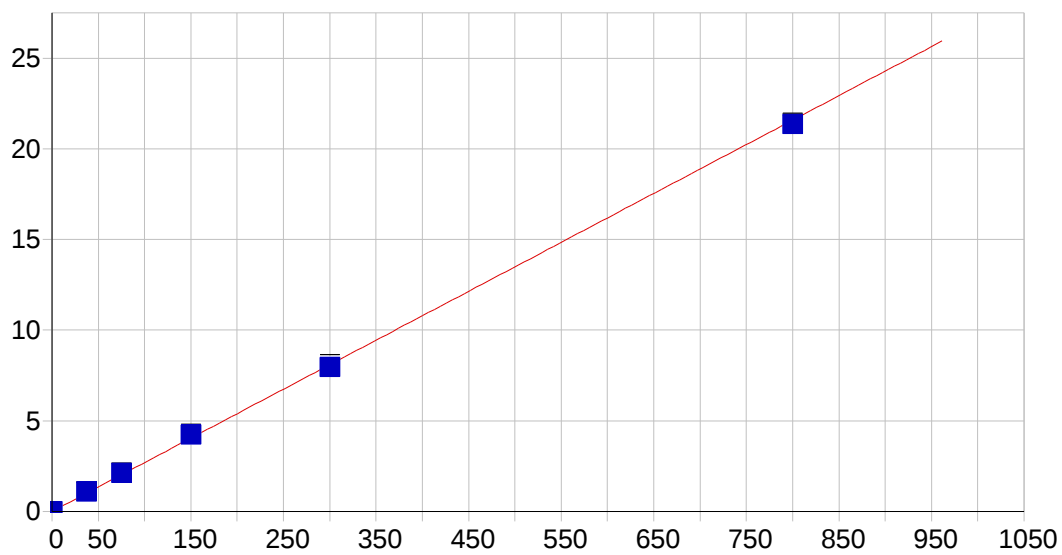


Cu 324.754 {104}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001964 Re-Slope: 1.000000
 A1 (Gain): 0.310749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999147 Status: OK.
 Std Error of Est: 0.000588
 Predicted MDL: 0.000897
 Predicted MQL: 0.002989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00196	.000	1
S1	.02500	.02478	.000	-.894	.00961	.000	1
S2	3.7500	3.5513	-.199	-5.30	1.1022	.009	1
S3	7.5000	7.0718	-.428	-5.71	2.1929	.027	1
S4	15.000	14.489	-.511	-3.41	4.4911	.043	1
S5	30.000	31.138	1.14	3.79	9.6515	.229	1

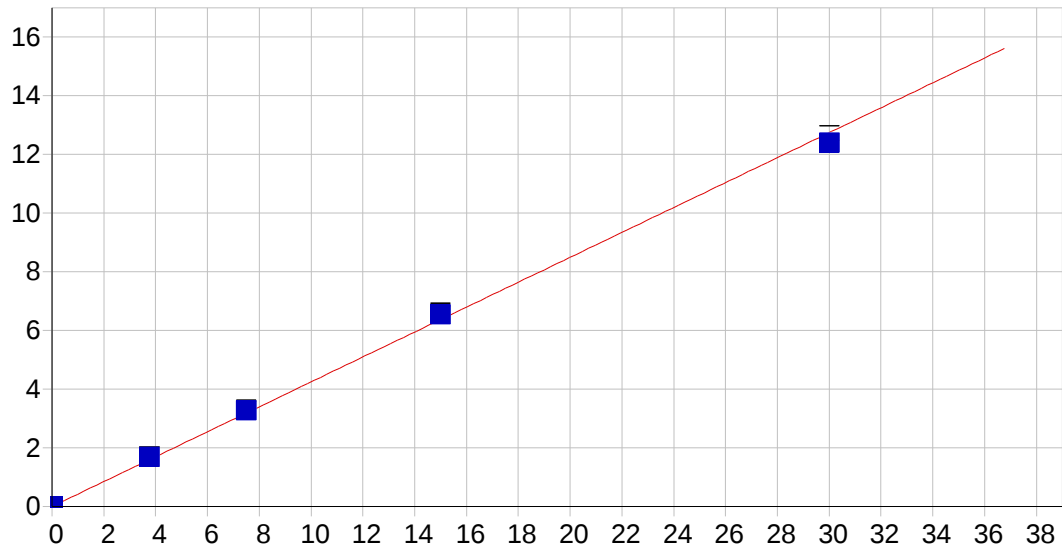


Fe 259.837 {130}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.026983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000292
 Predicted MDL: 0.005942
 Predicted MQL: 0.019808

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00013	.000	1
S1	.10000	.11840	.018	18.4	.00334	.000	1
S2	37.500	40.413	2.91	7.77	1.0918	.008	1
S3	75.000	78.402	3.40	4.54	2.1180	.011	1
S4	150.00	156.63	6.63	4.42	4.2313	.037	1
S5	300.00	295.33	-4.67	-1.56	7.9786	.140	1
S6	800.00	791.70	-8.30	-1.04	21.373	.056	1

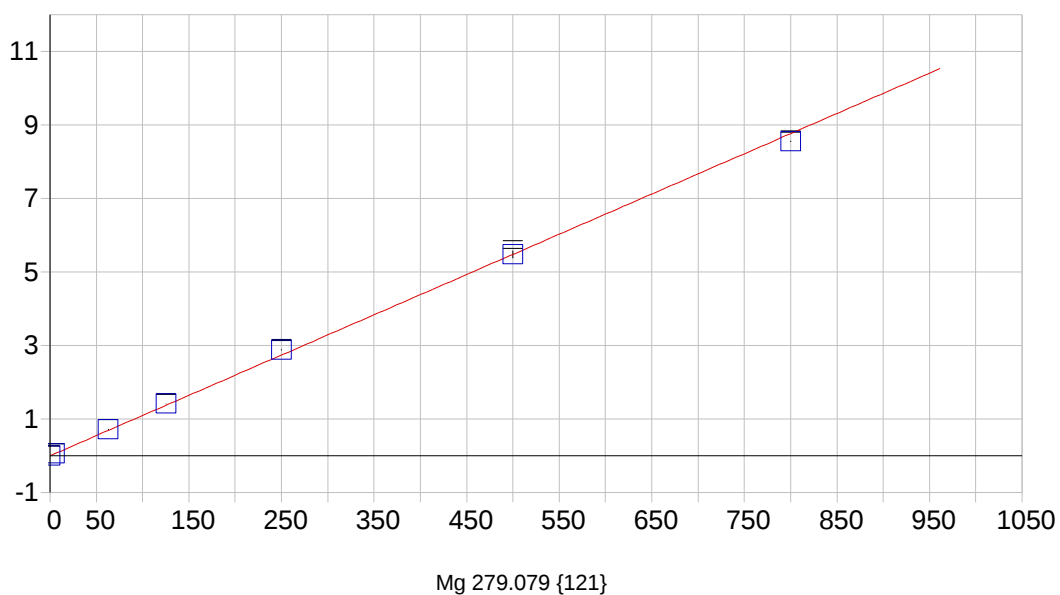


Mn 257.610 {131}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000087 Re-Slope: 1.000000
 A1 (Gain): 0.424770 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999546 Status: OK.
 Std Error of Est: 0.000455
 Predicted MDL: 0.000373
 Predicted MQL: 0.001245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01500	.01652	.002	10.1	.00711	.000	1
S2	3.7500	3.9670	.217	5.79	1.6855	.011	1
S3	7.5000	7.7061	.206	2.75	3.2741	.014	1
S4	15.000	15.394	.394	2.63	6.5406	.053	1
S5	30.000	29.181	-.819	-2.73	12.398	.250	1



Date of Fit: 8/25/2017 18:35:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000105

Re-Slope: 1.000000

A1 (Gain): 0.010956

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999592

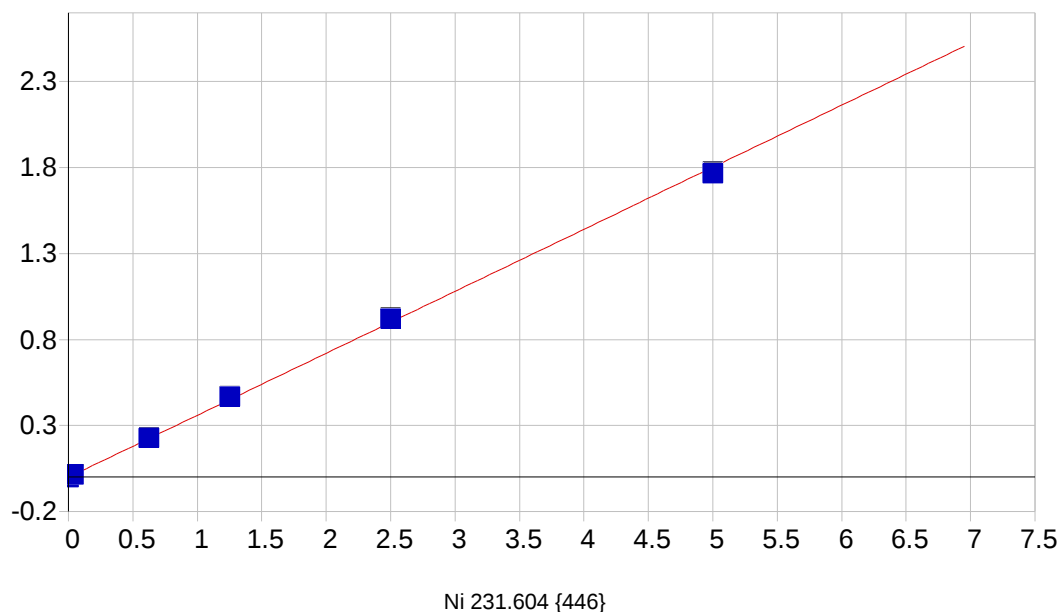
Status: OK.

Std Error of Est: 0.001093

Predicted MDL: 0.016968

Predicted MQL: 0.056561

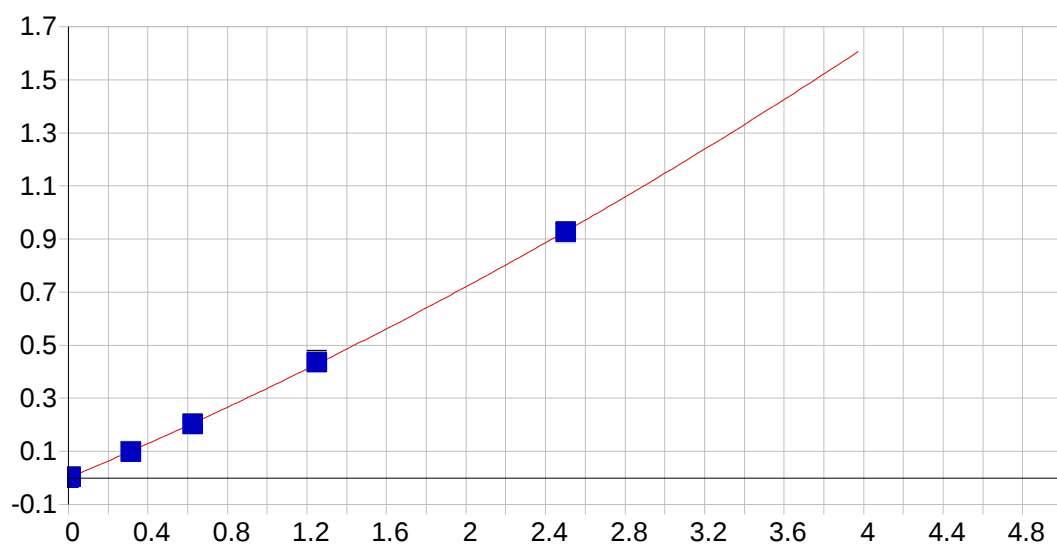
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00063	-.001	.000	-.00011	.000	1
S1	5.0000	5.0993	.099	1.99	.05576	.001	1
S2	62.500	65.330	2.83	4.53	.71565	.005	1
S3	125.00	129.25	4.25	3.40	1.4160	.008	1
S4	250.00	262.91	12.9	5.16	2.8803	.021	1
S5	500.00	499.53	-.471	-.094	5.4727	.105	1
S6	800.00	780.38	-19.6	-2.45	8.5496	.018	1



Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000687 Re-Slope: 1.000000
 A1 (Gain): 0.360532 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.000494
 Predicted MQL: 0.001646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.04000	.04199	.002	4.98	.01447	.000	1
S2	.62500	.62933	.004	.693	.22739	.000	1
S3	1.2500	1.2964	.046	3.71	.46907	.001	1
S4	2.5000	2.5516	.052	2.06	.92398	.001	1
S5	5.0000	4.8958	-.104	-2.08	1.7739	.004	1

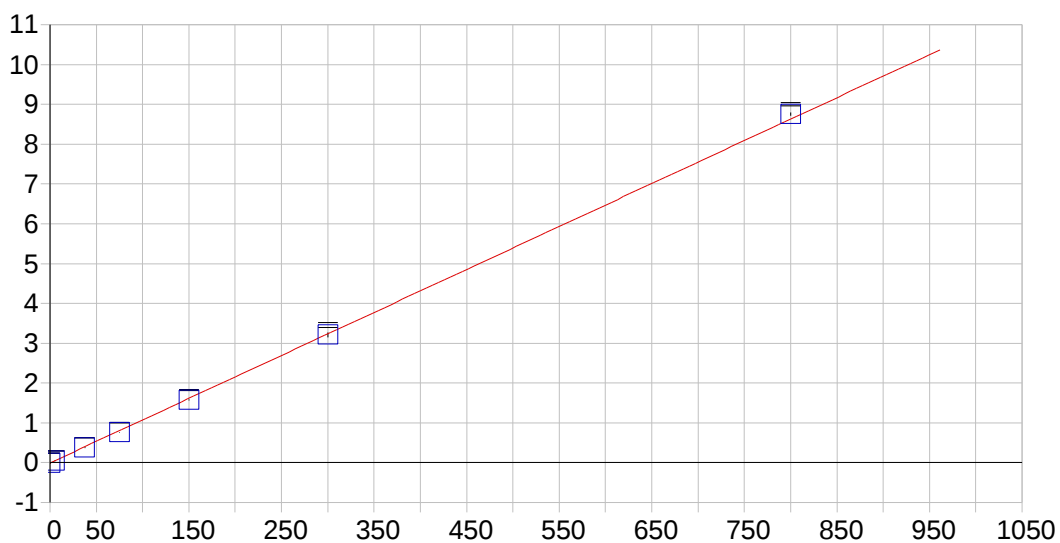


Ag 328.068 {103}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.315544 Y-int: 0.000000
 A2 (Curvature): 0.022343
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: Warning Positive Curvature
 Std Error of Est: 0.000037
 Predicted MDL: 0.000327
 Predicted MQL: 0.001091

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.01100	.001	9.96	.00332	.000	1
S2	.31250	.30877	-.004	-1.19	.09874	.000	1
S3	.62500	.61541	-.010	-1.53	.20116	.002	1
S4	1.2500	1.2674	.017	1.39	.43296	.009	1
S5	2.5000	2.4947	-.005	-.211	.92072	.000	1

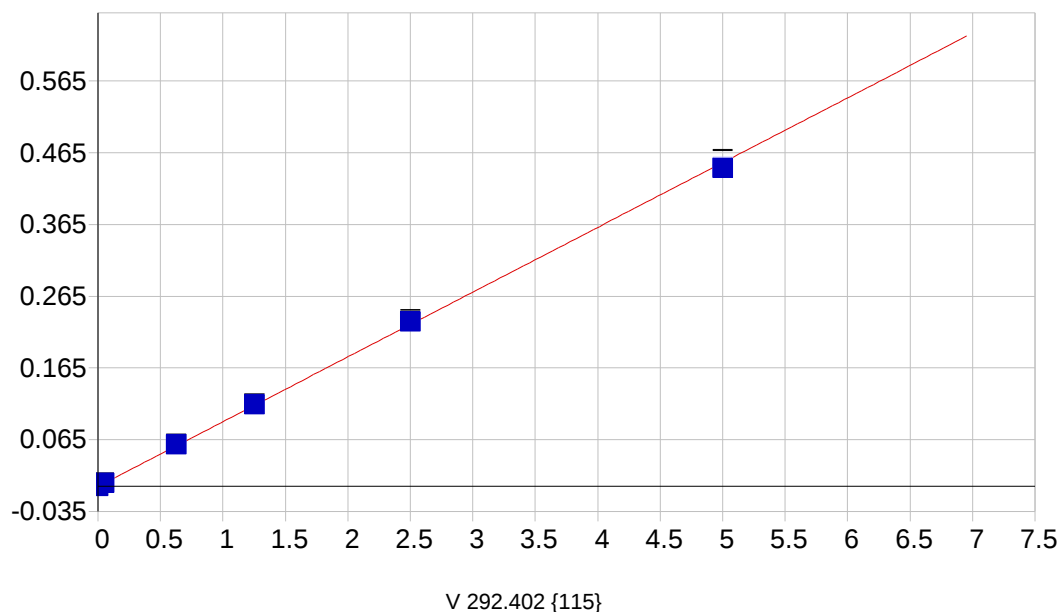


Na 818.326 { 41}

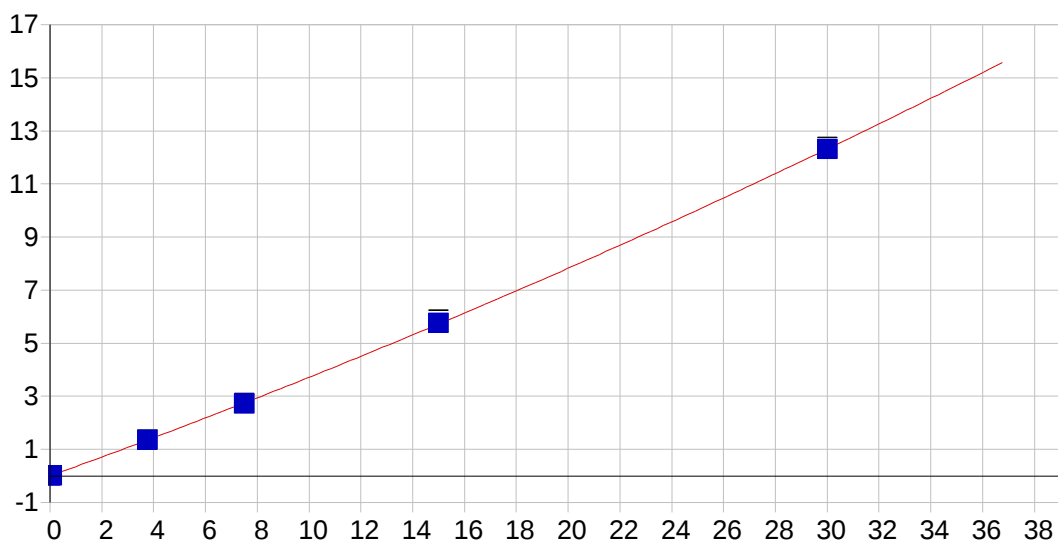
Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004204 Re-Slope: 1.000000
 A1 (Gain): 0.010791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000712
 Predicted MDL: 0.080027
 Predicted MQL: 0.266758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00092	.001	.000	-.00419	.000	1
S1	5.0000	4.6884	-.312	-6.23	.04639	.000	1
S2	37.500	35.597	-1.90	-5.07	.37993	.004	1
S3	75.000	71.088	-3.91	-5.22	.76292	.007	1
S4	150.00	146.03	-3.97	-2.64	1.5717	.015	1
S5	300.00	297.98	-2.02	-.672	3.2114	.064	1
S6	800.00	812.11	12.1	1.51	8.7594	.040	1



Date of Fit:		8/25/2017 18:35:44		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		-0.000093		Re-Slope:		1.000000		Y-int: 0.000000			
A1 (Gain):		0.090270		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999803		Status:		OK.					
Std Error of Est:		0.000048									
Predicted MDL:		0.002066									
Predicted MQL:		0.006888									
Std. Name		Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev		Emphasis		
S0		.00000	-.00001	.000	.000	-.00009	.000		1		
S1		.05000	.05469	.005	9.37	.00486	.000		1		
S2		.62500	.64868	.024	3.79	.05870	.000		1		
S3		1.2500	1.2645	.014	1.16	.11452	.001		1		
S4		2.5000	2.5433	.043	1.73	.23043	.002		1		
S5		5.0000	4.9138	-.086	-1.72	.44535	.011		1		

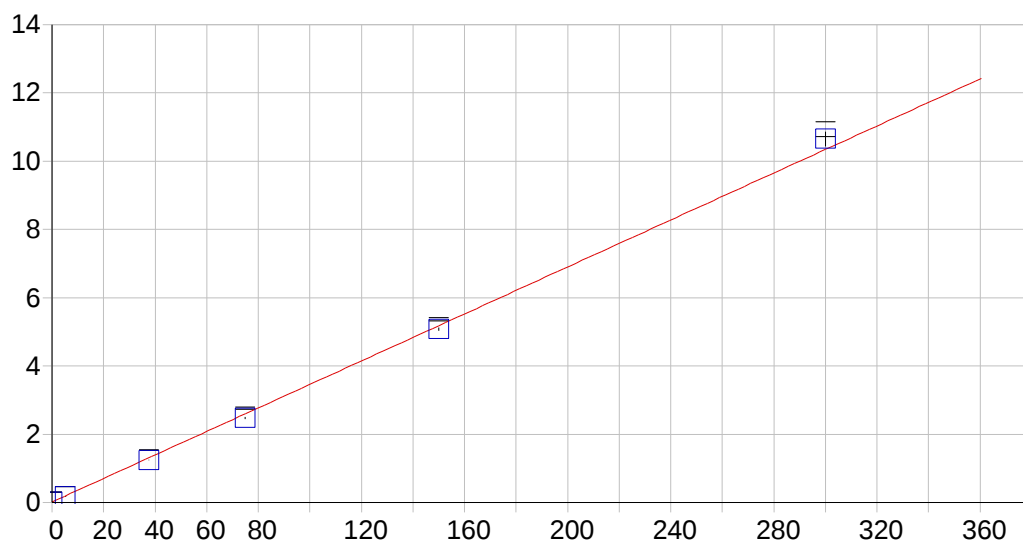


Zn 213.856 {158}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000676 Re-Slope: 1.000000
 A1 (Gain): 0.352416 Y-int: 0.000000
 A2 (Curvature): 0.001939
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: Warning Positive Curvature
 Std Error of Est: 0.000179
 Predicted MDL: 0.003075
 Predicted MQL: 0.010249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.001	1
S1	.06000	.06192	.002	3.20	.02123	.000	1
S2	3.7500	3.7526	.003	.070	1.3523	.001	1
S3	7.5000	7.4190	-.081	-1.08	2.7270	.020	1
S4	15.000	15.105	.105	.703	5.7779	.102	1
S5	30.000	29.970	-.030	-.100	12.329	.072	1



K 769.896 { 44}

Date of Fit: 8/25/2017 18:35:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.016348

Re-Slope: 1.000000

A1 (Gain): 0.034427

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999453

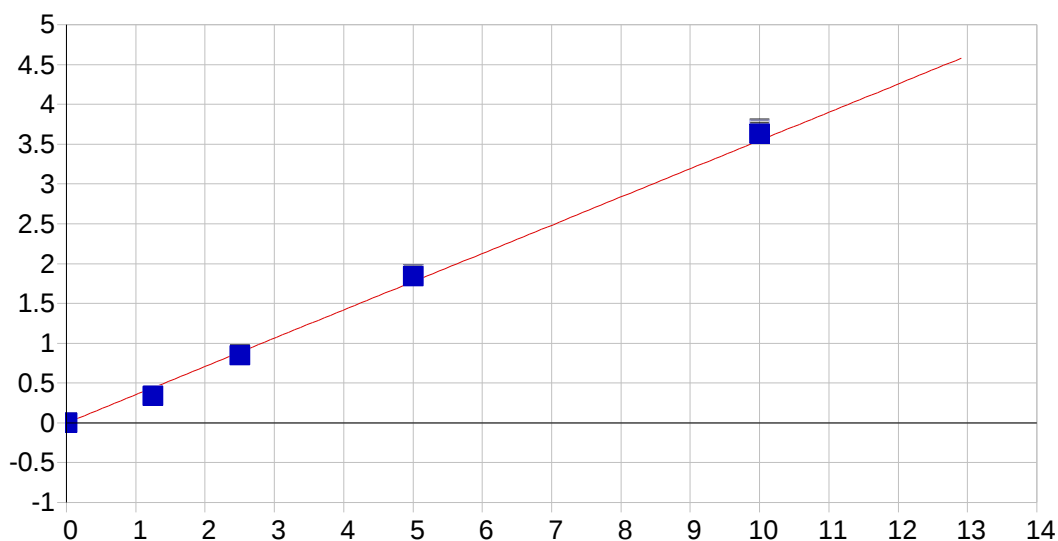
Status: OK.

Std Error of Est: 0.002347

Predicted MDL: 0.021562

Predicted MQL: 0.071875

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00084	.001	.000	.01638	.000	1
S1	5.0000	4.5998	-.400	-8.00	.17471	.002	1
S2	37.500	35.578	-1.92	-5.12	1.2412	.011	1
S3	75.000	71.486	-3.51	-4.68	2.4774	.031	1
S4	150.00	146.95	-3.05	-2.03	5.0754	.047	1
S5	300.00	308.89	8.89	2.96	10.651	.218	1

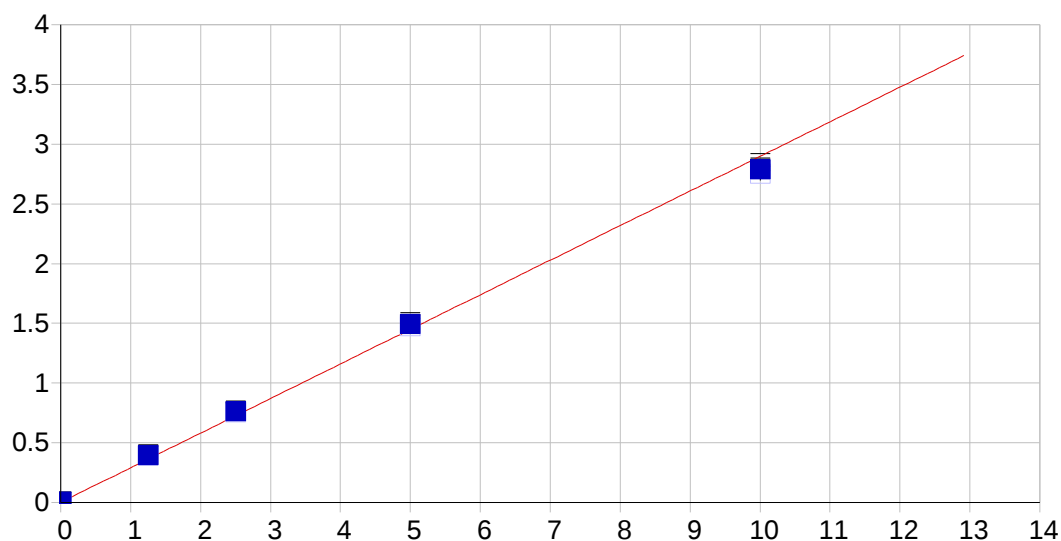


P 177.495 {490}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000735 Re-Slope: 1.000000
 A1 (Gain): 0.354663 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997488 Status: OK.
 Std Error of Est: 0.000428
 Predicted MDL: 0.000294
 Predicted MQL: 0.000979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00073	.000	1
S1	.01000	.00123	-.009	-87.7	-.00023	.000	1
S2	1.2500	.95125	-.299	-23.9	.34237	.002	1
S3	2.5000	2.3830	-.117	-4.68	.85589	.003	1
S4	5.0000	5.1808	.181	3.62	1.8596	.001	1
S5	10.000	10.244	.244	2.44	3.6782	.010	1

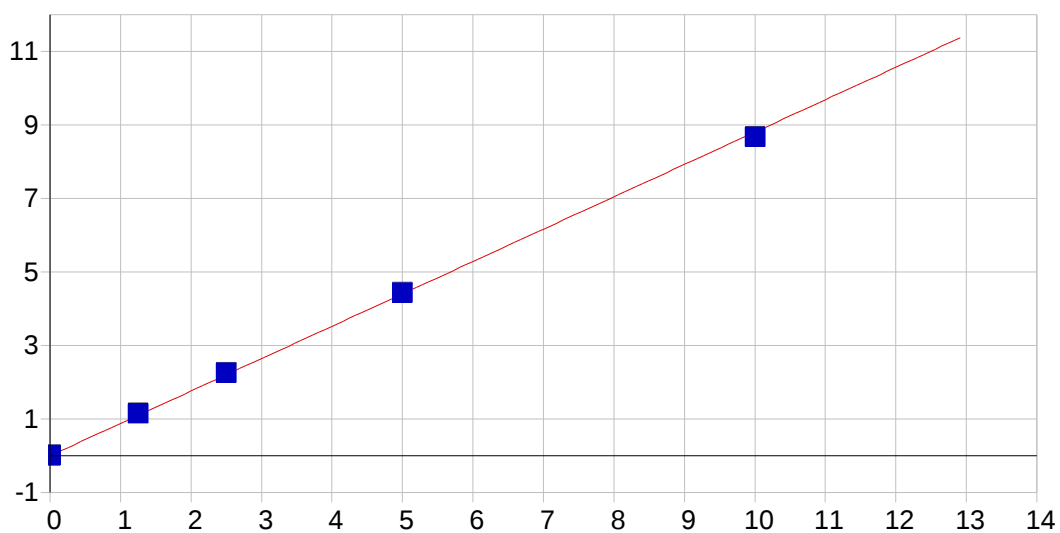


B 249.678 {135}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001379 Re-Slope: 1.000000
 A1 (Gain): 0.289610 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999031 Status: OK.
 Std Error of Est: 0.000211
 Predicted MDL: 0.000897
 Predicted MQL: 0.002991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00138	.000	1
S1	.01000	.01225	.002	22.5	.00493	.000	1
S2	1.2500	1.3590	.109	8.72	.39043	.005	1
S3	2.5000	2.6245	.125	4.98	.75240	.007	1
S4	5.0000	5.1493	.149	2.99	1.4745	.014	1
S5	10.000	9.6149	-.385	-3.85	2.7497	.052	1

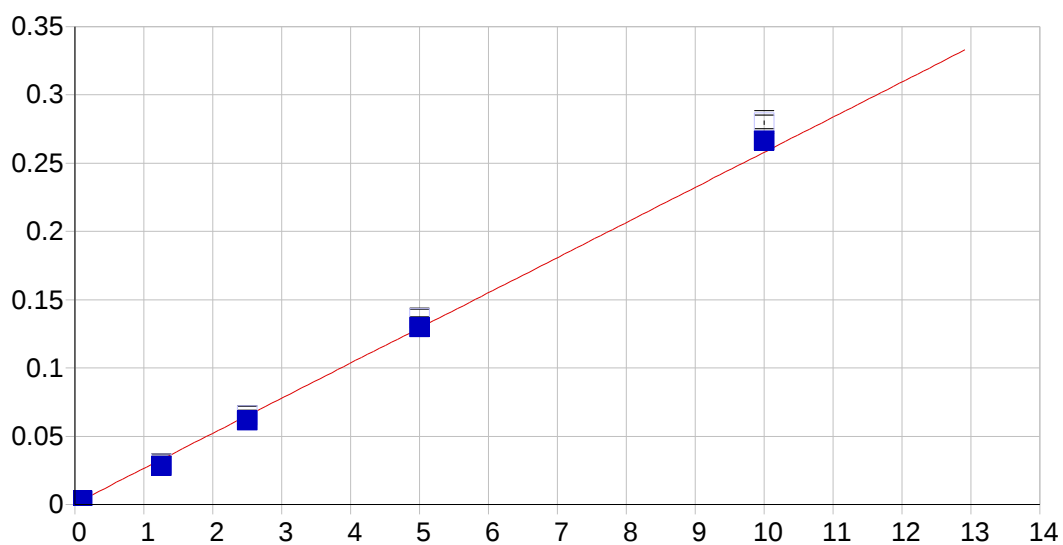


Mo 202.030 {467}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.880593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000303
 Predicted MDL: 0.000328
 Predicted MQL: 0.001095

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.01209	.002	20.9	.01077	.000	1
S2	1.2500	1.3112	.061	4.90	1.1558	.001	1
S3	2.5000	2.5653	.065	2.61	2.2610	.008	1
S4	5.0000	5.0312	.031	.624	4.4345	.017	1
S5	10.000	9.8402	-.160	-1.60	8.6733	.010	1

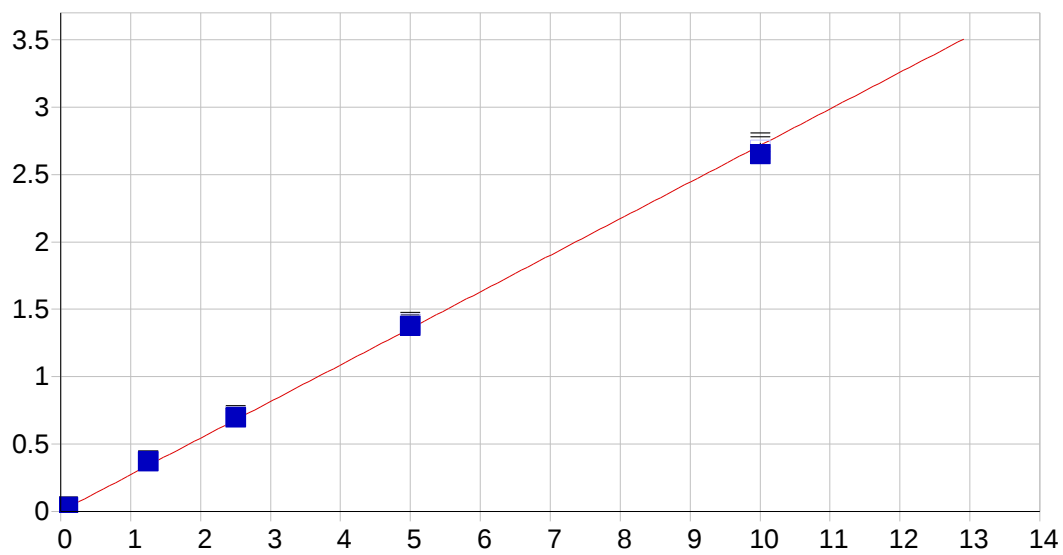


S 182.034 {485}

Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000684 Re-Slope: 1.000000
 A1 (Gain): 0.025732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998791 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.004287
 Predicted MQL: 0.014290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00069	.000	1
S1	.10000	.07989	-.020	-20.1	.00275	.000	1
S2	1.2500	1.0605	-.190	-15.2	.02961	.000	1
S3	2.5000	2.3693	-.131	-5.23	.06492	.000	1
S4	5.0000	5.0120	.012	.240	.13619	.000	1
S5	10.000	10.327	.327	3.27	.27951	.002	1

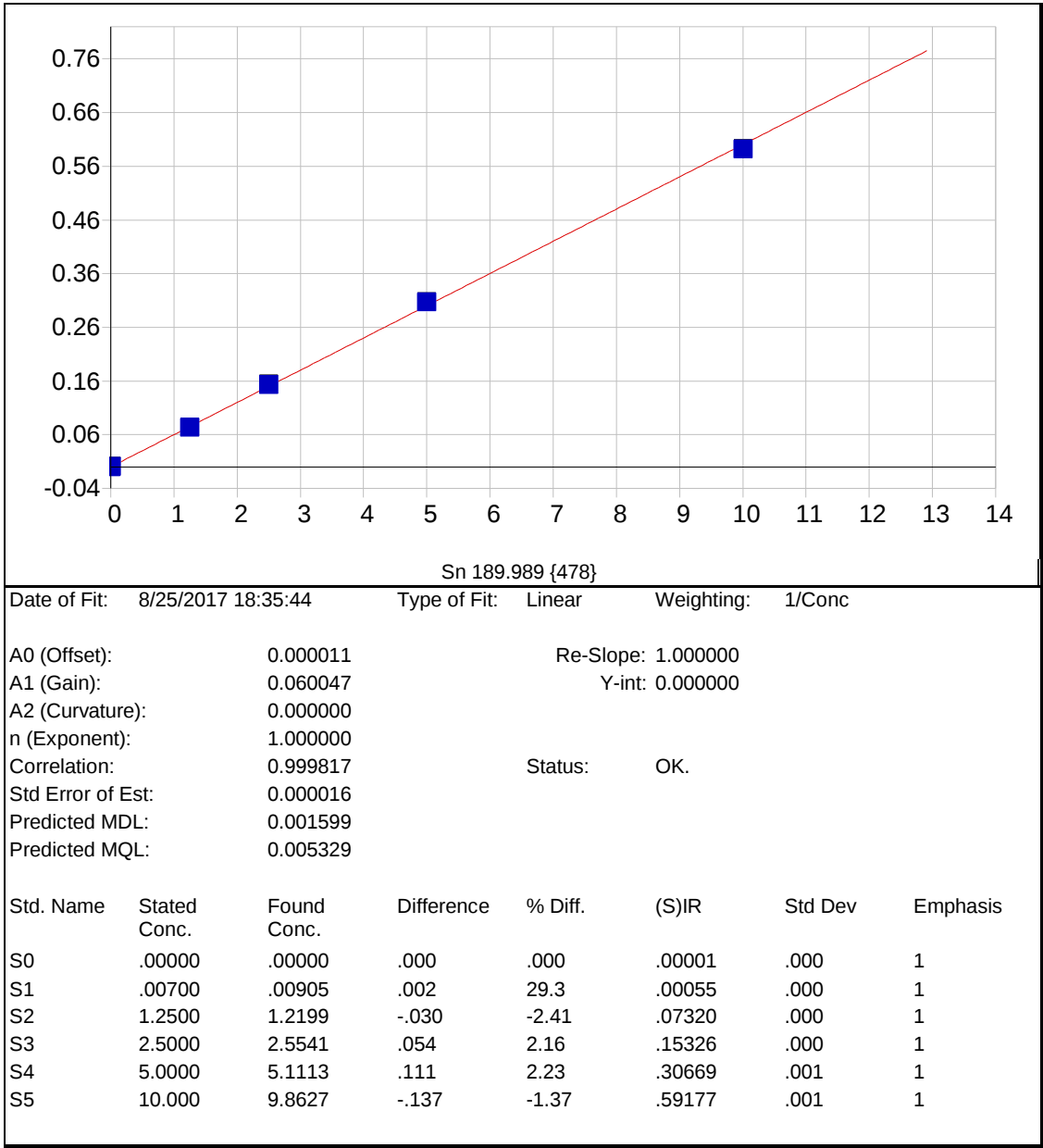


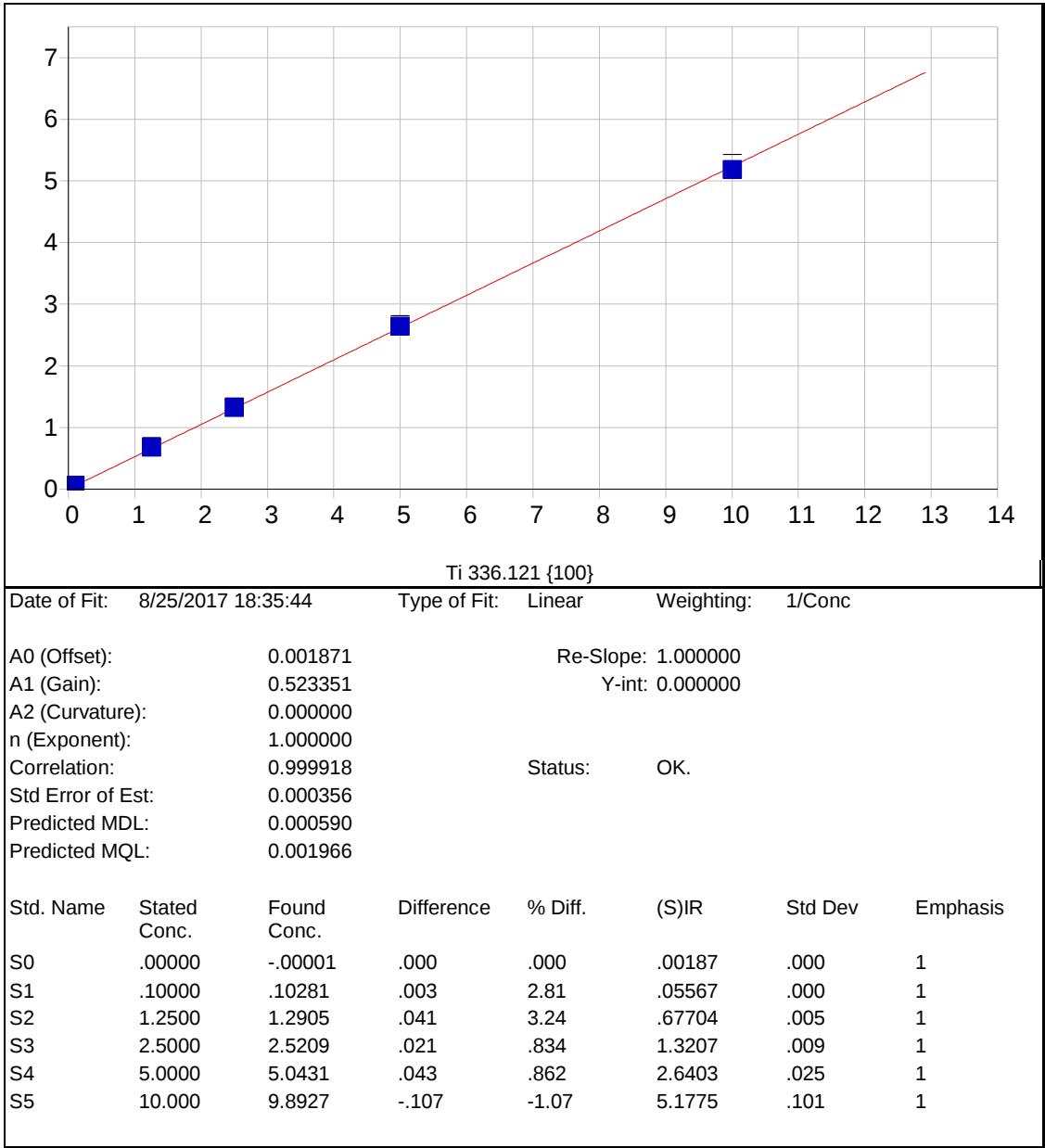
Si 251.611 {134}

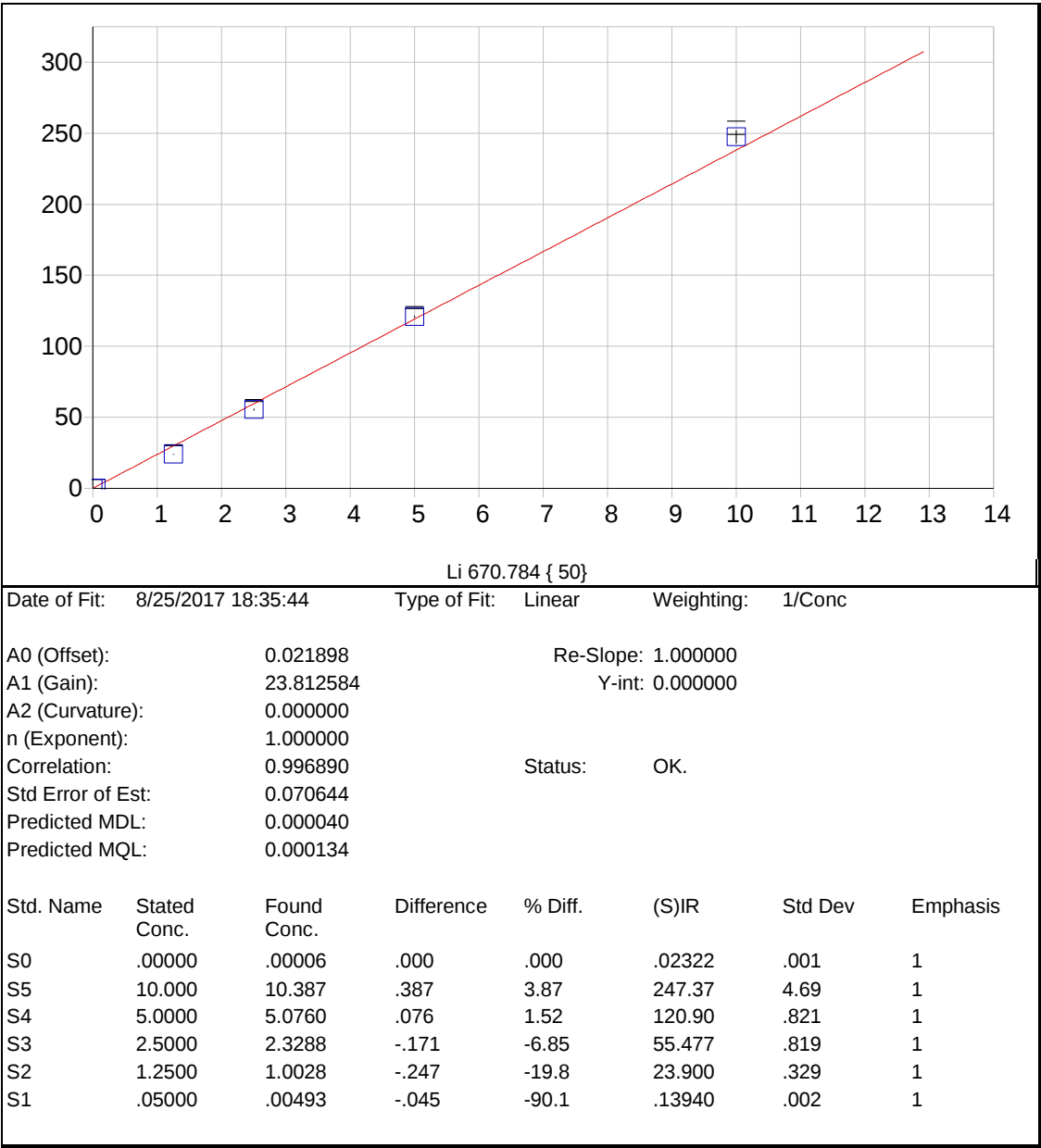
Date of Fit: 8/25/2017 18:35:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001546 Re-Slope: 1.000000
 A1 (Gain): 0.271396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999536 Status: OK.
 Std Error of Est: 0.000445
 Predicted MDL: 0.000991
 Predicted MQL: 0.003303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00154	.000	1
S1	.10000	.11102	.011	11.0	.03177	.000	1
S2	1.2500	1.3542	.104	8.34	.37308	.004	1
S3	2.5000	2.5634	.063	2.53	.70522	.008	1
S4	5.0000	5.0598	.060	1.20	1.3907	.015	1
S5	10.000	9.7616	-.238	-2.38	2.6828	.054	1









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

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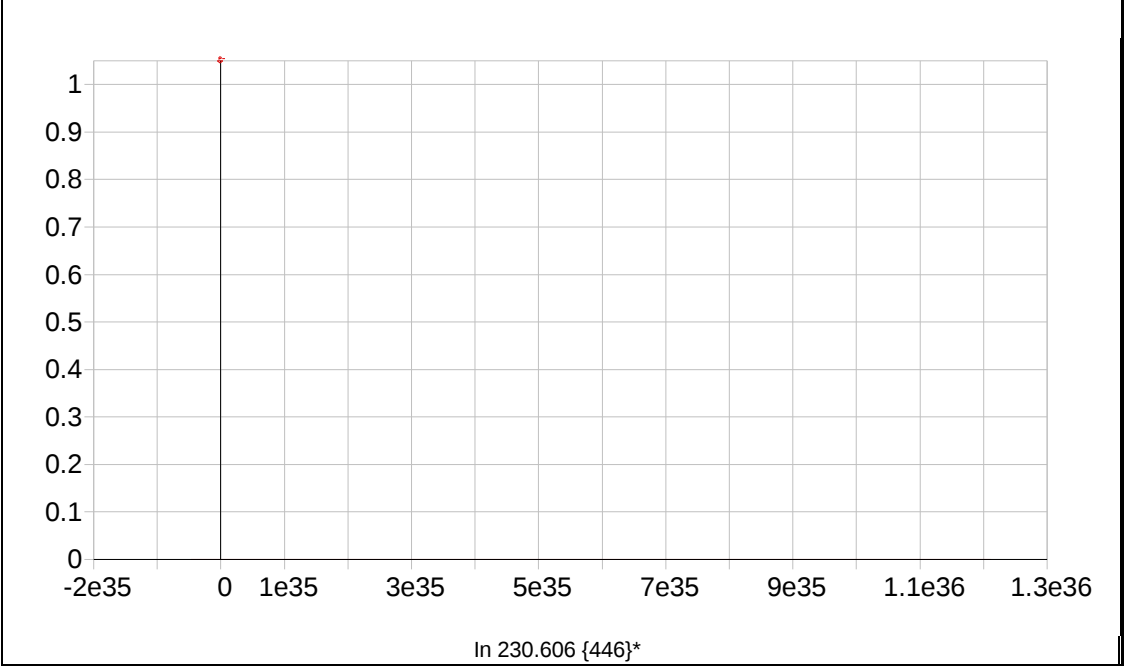
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



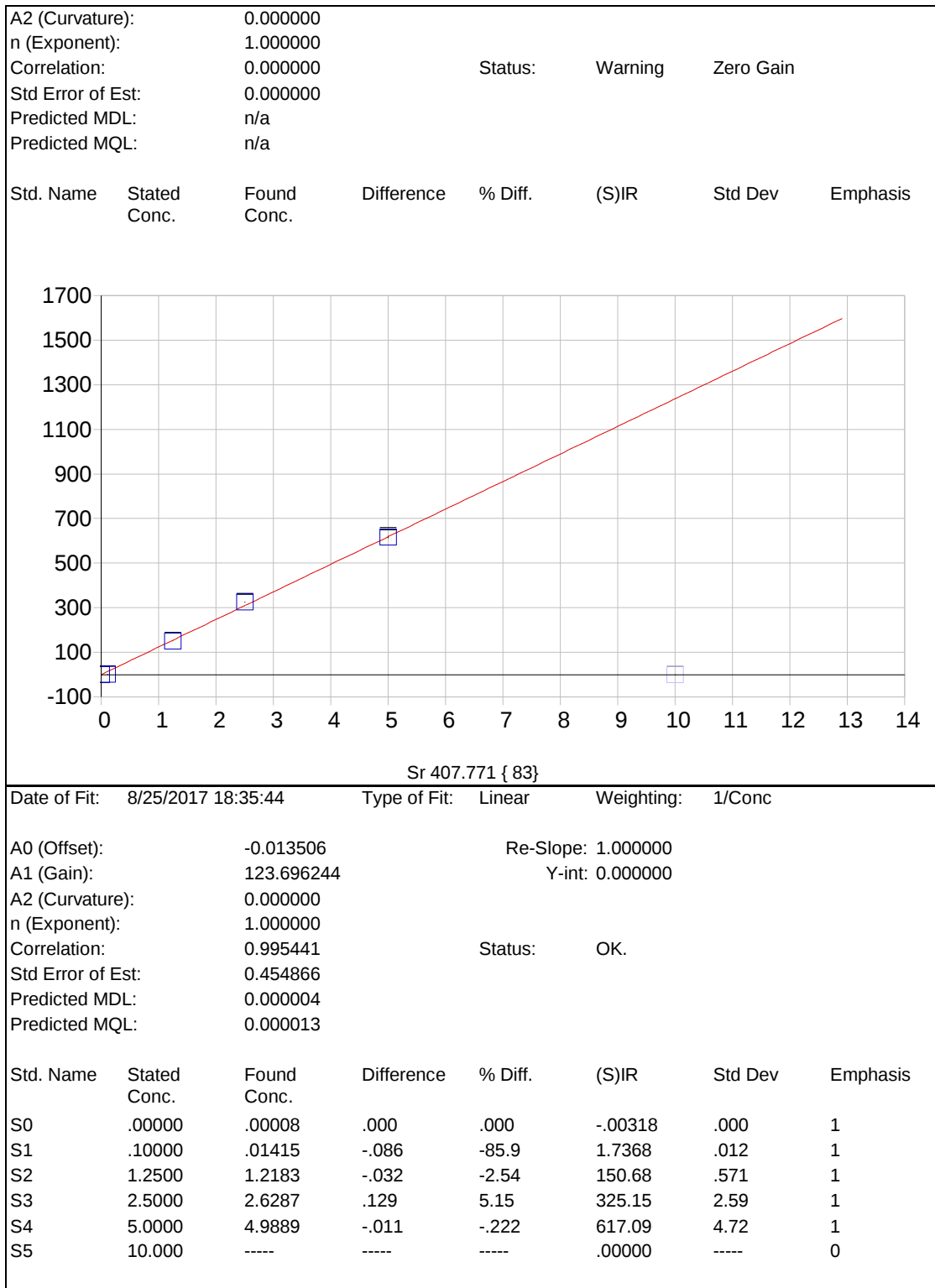


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 8/25/2017 15:22:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	-.00033	-.00030	.00000	.00060	.00032	.00044	-.02215	-.00181
Stddev	.00007	.00012	.0001	.00023	.00013	.00018	.00084	.00023
%RSD	22.119	38.911	5806.5	38.279	42.496	41.155	3.7797	12.668

#1	-.00041	-.00035	-.00002	.00048	.00022	.00062	-.02305	-.00205
#2	-.00026	-.00039	-.00012	.00046	.00026	.00046	-.02200	-.00179
#3	-.00034	-.00017	.00013	.00087	.00047	.00025	-.02140	-.00160

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	-.00058	.00104	.00010	-.00017	.00196	.00013	.00009	-.00011
Stddev	.00010	.00041	.00004	.00003	.00020	.00004	.00008	.00015
%RSD	17.163	39.134	41.817	19.005	10.342	29.631	92.672	133.61

#1	-.00061	.00071	.00014	-.00019	.00209	.00009	.00017	-.00010
#2	-.00066	.00149	.00008	-.00013	.00173	.00017	.00008	.00003
#3	-.00047	.00091	.00007	-.00017	.00208	.00013	.00001	-.00027

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00069	-.00015	-.00419	-.00009	-.00068	.01638	-.00073	.00138
Stddev	.00010	.00007	.00039	.00010	.00062	.00020	.00010	.00013
%RSD	14.799	46.422	9.1934	109.24	92.014	1.2106	13.471	9.7251

#1	-.00072	-.00019	-.00440	.00001	-.00027	.01636	-.00079	.00145
#2	-.00057	-.00018	-.00443	-.00019	-.00139	.01659	-.00062	.00145
#3	-.00077	-.00007	-.00375	-.00010	-.00036	.01619	-.00079	.00122

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	.00010	.00069	.00154	.00001	.00187	.02322	-.00318	
Stddev	.00035	.00010	.00028	.00005	.00031	.00076	.00021	
%RSD	334.00	14.044	18.019	450.15	16.522	3.2826	6.5101	

#1	.00050	.00078	.00130	.00005	.00198	.02248	-.00297	
#2	-.00016	.00059	.00185	.00003	.00152	.02400	-.00339	
#3	-.00002	.00069	.00147	-.00005	.00210	.02320	-.00318	

Sample Name: S0 Acquired: 8/25/2017 15:22:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	823.46	1606.5	36900.	8129.2	3259.9
Stddev	3.03	7.6	49.	60.9	7.4
%RSD	.36813	.47601	.13405	.74882	.22759
#1	826.38	1597.7	36923.	8073.6	3252.4
#2	823.67	1610.0	36844.	8119.6	3267.3
#3	820.33	1611.8	36935.	8194.2	3260.1

Sample Name: S1 Acquired: 8/25/2017 15:26:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.00012	.00150	.00148	.00401	.01190	.02677	.80241	.01123
Stddev	.00015	.00010	.00018	.00004	.00020	.00041	.00548	.00020
%RSD	132.51	6.6806	12.440	1.0853	1.6515	1.5501	.68278	1.7722

#1	-.00001	.00161	.00129	.00397	.01194	.02665	.80174	.01141
#2	.00029	.00146	.00166	.00399	.01168	.02643	.79729	.01127
#3	.00007	.00142	.00149	.00406	.01207	.02723	.80819	.01102

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	.00740	.21757	.00126	.03095	.00961	.00334	.00711	.05576
Stddev	.00008	.00024	.00002	.00025	.00017	.00016	.00019	.00052
%RSD	1.0377	.10952	1.6261	.82311	1.7913	4.8526	2.6042	.93605

#1	.00748	.21759	.00127	.03068	.00956	.00324	.00716	.05575
#2	.00736	.21733	.00124	.03118	.00947	.00353	.00690	.05525
#3	.00735	.21780	.00128	.03099	.00980	.00325	.00726	.05629

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	.01447	.00332	.04639	.00486	.02123	.17471	-.00023	.00493
Stddev	.00013	.00005	.00025	.00017	.00048	.00217	.00005	.00019
%RSD	.91554	1.5416	.54249	3.5759	2.2503	1.2421	20.141	3.9040

#1	.01438	.00328	.04631	.00504	.02111	.17596	-.00018	.00516
#2	.01462	.00337	.04618	.00469	.02083	.17220	-.00023	.00481
#3	.01441	.00329	.04667	.00484	.02176	.17596	-.00027	.00484

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	.01077	.00275	.03177	.00055	.05567	.13940	1.7368	
Stddev	.00031	.00002	.00046	.00007	.00038	.00230	.0121	
%RSD	2.8760	.83879	1.4437	12.254	.67867	1.6534	.69522	

#1	.01049	.00277	.03219	.00049	.05569	.14019	1.7373	
#2	.01110	.00273	.03128	.00054	.05527	.13680	1.7244	
#3	.01072	.00274	.03185	.00062	.05603	.14121	1.7485	

Sample Name: S1 Acquired: 8/25/2017 15:26:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	815.15	1558.0	36004.	8018.4	3093.5
Stddev	4.70	5.4	85.	22.5	7.8
%RSD	.57606	.34834	.23670	.28002	.25188
#1	809.87	1551.8	35937.	8005.1	3085.1
#2	818.87	1560.5	36100.	8044.4	3095.0
#3	816.71	1561.8	35976.	8005.8	3100.5

Sample Name: S2 Acquired: 8/25/2017 15:30:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.06432	.08158	.92375	.11197	.23398	5.1374	12.558	.28259
Stddev	.00036	.00106	.00072	.00065	.00040	.0399	.107	.00329
%RSD	.55578	1.2990	.07802	.58270	.17141	.77711	.85132	1.1650

#1	.06411	.08171	.92293	.11169	.23354	5.1463	12.587	.28355
#2	.06473	.08046	.92424	.11150	.23433	5.1720	12.649	.28530
#3	.06411	.08257	.92409	.11271	.23406	5.0937	12.440	.27893

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	.88693	2.7885	.39693	.38705	1.1022	1.0918	1.6855	.71565
Stddev	.00046	.0143	.00100	.00061	.0094	.0078	.0108	.00482
%RSD	.05182	.51390	.25109	.15776	.85463	.71165	.64216	.67373

#1	.88713	2.7963	.39629	.38711	1.1020	1.0959	1.6863	.71761
#2	.88641	2.7973	.39808	.38763	1.1117	1.0966	1.6959	.71917
#3	.88726	2.7720	.39642	.38641	1.0929	1.0828	1.6743	.71015

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	.22739	.09874	.37993	.05870	1.3523	1.2412	.34237	.39043
Stddev	.00041	.00012	.00395	.00044	.0012	.0110	.00240	.00452
%RSD	.18004	.12491	1.0389	.74730	.08914	.88615	.70159	1.1568

#1	.22744	.09877	.38159	.05885	1.3531	1.2427	.34096	.38891
#2	.22696	.09860	.38278	.05904	1.3509	1.2514	.34101	.39551
#3	.22778	.09884	.37543	.05820	1.3529	1.2296	.34515	.38687

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	1.1558	.02961	.37308	.07320	.67704	23.900	150.68	
Stddev	.0015	.00005	.00372	.00020	.00468	.329	.57	
%RSD	.12618	.16467	.99790	.27097	.69116	1.3783	.37878	

#1	1.1563	.02960	.37223	.07308	.67771	24.030	150.10	
#2	1.1569	.02956	.37715	.07310	.68135	24.144	151.24	
#3	1.1541	.02966	.36985	.07343	.67206	23.525	150.71	

Sample Name: S2 Acquired: 8/25/2017 15:30:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	751.14	1454.7	33503.	7653.4	2708.4
Stddev	.95	2.8	118.	55.8	3.4
%RSD	.12647	.19359	.35070	.72887	.12691
#1	752.22	1457.6	33435.	7646.1	2712.0
#2	750.42	1452.0	33639.	7601.6	2708.0
#3	750.79	1454.3	33435.	7712.5	2705.1

Sample Name: S3 Acquired: 8/25/2017 15:35:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.12922	.16306	1.9106	.22217	.47073	10.366	24.714	.55139
Stddev	.00080	.00061	.0070	.00104	.00192	.084	.188	.00711
%RSD	.61806	.37374	.36821	.46943	.40745	.80938	.75928	1.2899

#1	.12910	.16285	1.9077	.22244	.47186	10.439	24.818	.55733
#2	.12848	.16258	1.9056	.22102	.46852	10.274	24.498	.54351
#3	.13007	.16375	1.9187	.22306	.47182	10.384	24.828	.55333

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	1.8530	5.5193	.76529	.80635	2.1929	2.1180	3.2741	1.4160
Stddev	.0065	.0263	.00166	.00079	.0272	.0108	.0143	.0083
%RSD	.34904	.47673	.21700	.09782	1.2389	.51105	.43679	.58486

#1	1.8459	5.5178	.76625	.80639	2.2127	2.1272	3.2792	1.4221
#2	1.8546	5.4938	.76624	.80555	2.1619	2.1061	3.2579	1.4066
#3	1.8586	5.5463	.76337	.80712	2.2040	2.1209	3.2851	1.4192

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	.46907	.20116	.76292	.11452	2.7270	2.4774	.85589	.75240
Stddev	.00052	.00152	.00744	.00074	.0202	.0313	.00295	.00689
%RSD	.11172	.75428	.97551	.64903	.73941	1.2625	.34461	.91617

#1	.46920	.20236	.76943	.11508	2.7185	2.5033	.85321	.75954
#2	.46849	.20167	.75480	.11367	2.7500	2.4427	.85541	.74578
#3	.46952	.19945	.76453	.11479	2.7125	2.4863	.85905	.75188

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.2610	.06492	.70522	.15326	1.3207	55.477	325.15	
Stddev	.0079	.00030	.00816	.00035	.0091	.819	2.59	
%RSD	.34746	.46127	1.1566	.22550	.68694	1.4763	.79681	

#1	2.2595	.06472	.71280	.15317	1.3271	56.377	327.88	
#2	2.2541	.06478	.69659	.15297	1.3103	55.281	322.73	
#3	2.2696	.06526	.70627	.15364	1.3247	54.774	324.82	

Sample Name: S3 Acquired: 8/25/2017 15:35:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	716.70	1379.0	32195.	7529.4	2362.2
Stddev	6.54	7.6	196.	63.9	8.1
%RSD	.91193	.55222	.60847	.84873	.34495
#1	718.47	1371.5	32140.	7469.3	2354.6
#2	709.46	1386.7	32032.	7596.5	2370.8
#3	722.17	1378.7	32412.	7522.3	2361.4

Sample Name: S4 Acquired: 8/25/2017 15:39:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.27089	.31338	3.7489	.45381	.98501	21.731	49.788	1.1139
Stddev	.00187	.00086	.0019	.00332	.00586	.176	.480	.0137
%RSD	.68960	.27364	.05064	.73195	.59458	.81107	.96444	1.2277

#1	.27119	.31256	3.7496	.45382	.98435	21.751	49.694	1.1105
#2	.26890	.31332	3.7467	.45048	.97951	21.546	49.361	1.1022
#3	.27260	.31427	3.7503	.45712	.99117	21.897	50.308	1.1289

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	3.6380	11.339	1.4684	1.6104	4.4911	4.2313	6.5406	2.8803
Stddev	.0200	.112	.0357	.0054	.0433	.0369	.0532	.0206
%RSD	.54904	.98850	2.4319	.33354	.96381	.87279	.81266	.71669

#1	3.6591	11.378	1.4493	1.6157	4.4845	4.2450	6.5500	2.8835
#2	3.6357	11.213	1.4463	1.6106	4.4515	4.1894	6.4834	2.8583
#3	3.6193	11.427	1.5096	1.6050	4.5373	4.2594	6.5884	2.8992

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	.92398	.43296	1.5717	.23043	5.7779	5.0754	1.8596	1.4745
Stddev	.00138	.00855	.0146	.00247	.1020	.0475	.0014	.0143
%RSD	.14914	1.9758	.93177	1.0729	1.7652	.93530	.07488	.97049

#1	.92527	.42775	1.5739	.23166	5.7177	5.0584	1.8590	1.4716
#2	.92413	.42829	1.5560	.22758	5.7204	5.0387	1.8612	1.4619
#3	.92253	.44283	1.5851	.23205	5.8957	5.1290	1.8587	1.4901

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.4345	.13619	1.3907	.30669	2.6403	120.90	617.09	
Stddev	.0173	.00043	.0149	.00056	.0252	.82	4.72	
%RSD	.38969	.31239	1.0700	.18128	.95534	.67946	.76487	

#1	4.4462	.13668	1.3876	.30734	2.6456	120.81	615.19	
#2	4.4147	.13595	1.3777	.30641	2.6129	120.12	613.62	
#3	4.4427	.13595	1.4069	.30634	2.6625	121.76	622.47	

Sample Name: S4 Acquired: 8/25/2017 15:39:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	647.55	1253.2	29932.	7170.5	2074.7
Stddev	11.52	7.7	520.	48.1	4.4
%RSD	1.7791	.61771	1.7365	.67140	.21428
#1	656.23	1255.7	30254.	7174.2	2077.2
#2	651.93	1259.4	30209.	7216.7	2077.4
#3	634.48	1244.5	29332.	7120.6	2069.6

Sample Name: S5 Acquired: 8/25/2017 15:43:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.56860	.58169	7.1403	.93629	2.0877	45.388	98.770	2.2019
Stddev	.00077	.00233	.0234	.00354	.0044	.880	1.414	.0410
%RSD	.13518	.39980	.32721	.37850	.21019	1.9399	1.4320	1.8620

#1	.56841	.58313	7.1473	.93938	2.0922	46.324	100.37	2.2476
#2	.56794	.57901	7.1142	.93242	2.0835	45.264	97.688	2.1897
#3	.56944	.58293	7.1593	.93705	2.0874	44.576	98.253	2.1684

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	6.9384	21.847	2.6804	3.1263	9.6515	7.9786	12.398	5.4727
Stddev	.0164	.423	.0057	.0065	.2292	.1403	.250	.1051
%RSD	.23672	1.9373	.21106	.20873	2.3744	1.7580	2.0157	1.9214

#1	6.9336	22.328	2.6816	3.1283	9.8833	8.1405	12.686	5.5924
#2	6.9250	21.530	2.6742	3.1190	9.6460	7.8944	12.244	5.4301
#3	6.9567	21.684	2.6853	3.1316	9.4251	7.9009	12.264	5.3955

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	1.7739	.92072	3.2114	.44535	12.329	10.651	3.6782	2.7497
Stddev	.0035	.00032	.0639	.01059	.072	.218	.0105	.0521
%RSD	.19950	.03442	1.9910	2.3783	.58577	2.0510	.28485	1.8950

#1	1.7740	.92109	3.2781	.45753	12.346	10.872	3.6802	2.8064
#2	1.7703	.92055	3.2053	.43835	12.249	10.645	3.6669	2.7386
#3	1.7773	.92053	3.1507	.44016	12.391	10.435	3.6875	2.7040

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	8.6733	.27951	2.6828	.59177	5.1775	247.37	^ *****	
Stddev	.0099	.00159	.0544	.00096	.1014	4.69	-----	
%RSD	.11389	.56957	2.0295	.16168	1.9578	1.8969	-----	

#1	8.6702	.27808	2.7414	.59095	5.2941	252.61	^ -----	
#2	8.6654	.27923	2.6730	.59153	5.1279	243.54	^ -----	
#3	8.6844	.28122	2.6338	.59282	5.1104	245.98	^ -----	

Sample Name: S5 Acquired: 8/25/2017 15:43:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	565.57	1104.5	27870.	6897.8	1779.9
Stddev	1.65	1.7	34.	122.1	4.1
%RSD	.29231	.15439	.12258	1.7699	.22809
#1	566.05	1102.7	27907.	6766.0	1777.7
#2	563.72	1106.1	27863.	6920.4	1784.6
#3	566.92	1104.6	27840.	7007.1	1777.5

Sample Name: S6 Acquired: 8/25/2017 15:47:38 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	118.07	36.588	21.373	8.5496	8.7594
Stddev	1.22	.158	.056	.0184	.0403
%RSD	1.0316	.43120	.26271	.21518	.46001

#1	119.10	36.414	21.311	8.5317	8.8054
#2	116.73	36.628	21.387	8.5488	8.7302
#3	118.38	36.722	21.421	8.5684	8.7426

Int. Std.	Y_3710
Units	Cts/S
Avg	6662.8
Stddev	26.5
%RSD	.39790

#1	6632.2
#2	6678.9
#3	6677.2

Sample Name: ICV Acquired: 8/25/2017 15:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.9000575	1.125781	.9995481	.9427771	.9592858	2.719653
Stddev	.0025817	.002935	.0037230	.0059866	.0047534	.014919
%RSD	.2868346	.2607146	.3724654	.6349941	.4955151	.5485670

#1	.9023340	1.125084	.9981458	.9417196	.9647382	2.730193
#2	.9005861	1.123257	1.003769	.9492220	.9560131	2.702582
#3	.8972524	1.129001	.996730	.9373897	.9571062	2.726185

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4938226	.4739276	.4724263	9.467910	.4845059	.4747122
Stddev	.0021386	.0003840	.0001924	.036957	.0045433	.0002633
%RSD	.4330621	.0810238	.0407351	.3903387	.9377295	.0554726

#1	.4957179	.4736055	.4722712	9.431833	.4817457	.4750042
#2	.4915041	.4738248	.4726417	9.505688	.4897497	.4744928
#3	.4942460	.4743526	.4723661	9.466208	.4820222	.4746395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4602675	5.288786	.5140563	6.044226	.4891373	.4654867
Stddev	.0050285	.032492	.0019268	.012064	.0015306	.0026483
%RSD	1.092517	.6143592	.3748318	.1996004	.3129086	.5689284

#1	.4652811	5.262215	.5118531	6.053433	.4904772	.4649498
#2	.4552242	5.279131	.5148893	6.030569	.4894653	.4683623
#3	.4602973	5.325011	.5154265	6.048676	.4874693	.4631480

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.138983	.4677344	.9300666	9.077678	F -.005518	F 2.904734
Stddev	.089400	.0020305	.0073951	.117985	.000226	.013411
%RSD	.9782305	.4341186	.7951092	1.299730	4.098545	.4616866

#1	9.230664	.4654499	.9282169	9.207021	-.005337	2.913616
#2	9.052052	.4684196	.9382109	8.975949	-.005772	2.889308
#3	9.134233	.4693337	.9237720	9.050064	-.005446	2.911279

Sample Name: ICV Acquired: 8/25/2017 15:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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 2.682015	-.003813	2.927806	F 2.348106	2.518641	.0005622
Stddev	.010559	.002059	.011507	.008788	.006112	.0000332
%RSD	.3937148	54.00729	.3930309	.3742722	.2426711	5.907478

#1	2.691875	-.001667	2.923463	2.357168	2.522138	.0005820
#2	2.683296	-.003997	2.919102	2.339619	2.511584	.0005238
#3	2.670873	-.005773	2.940852	2.347531	2.522202	.0005807

Elem	Sr4077
Units	ppm
Avg	.0015974
Stddev	.0000035
%RSD	.2203239

#1	.0015986
#2	.0015934
#3	.0016001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	775.5402	1502.111	34781.87	7712.054	2946.917
Stddev	6.0445	10.599	247.10	48.172	15.175
%RSD	.7793882	.7056272	.7104418	.6246318	.5149551

#1	773.2332	1491.441	34581.56	7661.292	2931.243
#2	770.9890	1502.253	34706.04	7757.132	2947.968
#3	782.3984	1512.638	35058.00	7717.738	2961.539

Sample Name: ICB Acquired: 8/25/2017 16:06:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	-.000560	.0018626	-.000708	-.000329	.0000723	.0009454	-.001021
Stddev	.001372	.0012002	.001799	.000769	.0006398	.0006164	.000279
%RSD	245.0335	64.43610	254.1286	233.7579	885.1554	65.20180	27.27877

#1	-.001662	.0016482	.000757	-.000923	.0002921	.0003246	-.001137
#2	-.000994	.0031556	-.002716	-.000603	.0005731	.0015574	-.000703
#3	.000977	.0007841	-.000165	.000540	-.000648	.0009542	-.001223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001116	.0000781	-.003515	-.000356	-.000295	.0013933	-.002898
Stddev	.0000108	.0000754	.007586	.000370	.000207	.0007363	.001849
%RSD	9.636355	96.52411	215.7900	103.8107	70.27118	52.84215	63.79167

#1	.0001101	.0000410	-.011131	-.000033	-.000457	.0013111	-.002775
#2	.0001017	.0001649	.004040	-.000760	-.000061	.0021673	-.001114
#3	.0001231	.0000285	-.003455	-.000276	-.000366	.0007016	-.004806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000431	.0031452	.0003030	.0002394	-.044853	.0009211	-.001325
Stddev	.000329	.0078784	.0004691	.0000210	.013700	.0005923	.001298
%RSD	76.34721	250.4912	154.8467	8.782153	30.54503	64.30142	97.95675

#1	-.000052	.0078260	-.000089	.0002168	-.058203	.0002821	-.001077
#2	-.000642	-.005951	.000823	.0002584	-.030828	.0014516	-.002730
#3	-.000600	.007560	.000175	.0002430	-.045528	.0010296	-.000169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030274	.0001088	.0009938	.0003509	-.004312	-.000875	.0021998
Stddev	.014601	.0001014	.0002342	.0005422	.001219	.001012	.0013636
%RSD	48.22957	93.21977	23.56925	154.5437	28.26911	115.6402	61.98797

#1	-.042617	.0001649	.0007257	.0008065	-.005093	-.000461	.0008724
#2	-.014156	-.000008	.0011591	-.000249	-.002908	-.002029	.0021301
#3	-.034049	.000170	.0010964	.000495	-.004936	-.000136	.0035970

Sample Name: ICB Acquired: 8/25/2017 16:06:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.0013508	.0002857	.0000812
Stddev	.0005453	.0000153	.0000025
%RSD	40.36581	5.340845	3.121504

#1	.0018632	.0002685	.0000829
#2	.0007777	.0002977	.0000823
#3	.0014115	.0002909	.0000783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	779.1458	1506.580	35592.06	7784.560	3140.490
Stddev	2.0341	11.763	95.81	42.483	17.789
%RSD	.2610640	.7807713	.2691878	.5457356	.5664290

#1	781.3949	1496.414	35618.05	7755.889	3121.828
#2	777.4352	1519.464	35672.20	7764.424	3157.252
#3	778.6072	1503.863	35485.94	7833.367	3142.390

Sample Name: ICSA Acquired: 8/25/2017 16:11:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	-.002130	-.011921	-.002476	-.006001	.0045248	230.6012
Stddev	.003164	.001370	.001866	.002457	.0038266	.5567
%RSD	148.5785	11.49017	75.36383	40.94529	84.57040	.2414183

#1	.000576	-.012283	-.000344	-.003389	.0027369	230.9684
#2	-.005609	-.010407	-.003269	-.006346	.0019194	230.8745
#3	-.001356	-.013075	-.003814	-.008267	.0089181	229.9606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047773	.0012406	.0017318	248.6384	.0473030	.0007713
Stddev	.0001253	.0001425	.0001655	1.0440	.0005213	.0002980
%RSD	2.622576	11.48607	9.553987	.4198807	1.102074	38.63683

#1	.0046400	.0013442	.0015408	247.5015	.0477390	.0005680
#2	.0048853	.0010781	.0018237	248.8600	.0467255	.0006324
#3	.0048068	.0012996	.0018310	249.5538	.0474444	.0011133

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249894	104.9124	.0154041	271.6718	.0012980	.0015233
Stddev	.0003981	.1809	.0003006	.5679	.0014983	.0002682
%RSD	1.593187	.1723824	1.951187	.2090448	115.4304	17.60597

#1	.0254014	105.0026	.0151319	272.1677	-.000136	.0012290
#2	.0246068	104.7042	.0157267	271.7956	.002853	.0015869
#3	.0249598	105.0304	.0153538	271.0523	.001176	.0017539

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3035505	.0014121	.0056175	-.077177	-.016176	F -.312585
Stddev	.0752116	.0007301	.0033217	.014527	.000684	.003372
%RSD	24.77729	51.70410	59.13144	18.82298	4.226086	1.078760

#1	.3836969	.0020297	.0036446	-.063675	-.016011	-.315333
#2	.2924461	.0006063	.0094526	-.075307	-.016927	-.308822
#3	.2345084	.0016002	.0037553	-.092548	-.015590	-.313600

Sample Name: ICSA Acquired: 8/25/2017 16:11:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	-.000522	.0084429	-.002923	.0021875	.0012789	.0004248
Stddev	.000592	.0115062	.000706	.0013707	.0001264	.0000485
%RSD	113.2803	136.2831	24.17072	62.66042	9.884863	11.40792

#1	-.000596	-.004227	-.002739	.0037679	.0011339	.0004793
#2	-.001074	.018241	-.002326	.0013216	.0013657	.0004087
#3	.000103	.011315	-.003703	.0014731	.0013372	.0003865

Elem	Sr4077
Units	ppm
Avg	.0130541
Stddev	.0000193
%RSD	.1481339

#1	.0130758
#2	.0130387
#3	.0130477

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	705.9391	1369.194	31299.53	7138.922	2326.362
Stddev	6.9578	7.678	77.63	33.086	12.456
%RSD	.9856120	.5607644	.2480304	.4634658	.5354216

#1	703.1746	1364.545	31221.17	7105.282	2316.606
#2	700.7884	1364.981	31301.02	7140.058	2322.088
#3	713.8543	1378.056	31376.41	7171.425	2340.393

Sample Name: ICSAB Acquired: 8/25/2017 16:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.0936676	.1126956	.0499862	.0441207	.6078619	233.5753
Stddev	.0031485	.0028623	.0034102	.0069121	.0016020	1.6764
%RSD	3.361361	2.539826	6.822259	15.66646	.2635461	.7177081

#1	.0928270	.1159976	.0483191	.0508599	.6089983	235.5096
#2	.0971512	.1111677	.0477302	.0370477	.6085577	232.5422
#3	.0910248	.1109215	.0539092	.0444543	.6060296	232.6742

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5318564	.5149141	1.008879	253.1655	.5731954	.5024285
Stddev	.0046246	.0027742	.002473	1.5630	.0021932	.0016265
%RSD	.8695281	.5387740	.2451517	.6173648	.3826218	.3237305

#1	.5370555	.5179149	1.007461	254.6528	.5706747	.5024239
#2	.5303129	.5143846	1.007441	253.3071	.5746670	.5008043
#3	.5282010	.5124427	1.011735	251.5366	.5742445	.5040574

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5158028	106.0607	.5591138	275.2343	1.008023	.2124433
Stddev	.0056701	.5617	.0041539	1.9793	.003839	.0007252
%RSD	1.099273	.5296298	.7429446	.7191307	.3808921	.3413724

#1	.5223498	106.6769	.5622054	277.4567	1.008118	.2130752
#2	.5124748	105.9282	.5607439	274.5849	1.004137	.2126032
#3	.5125839	105.5771	.5543921	273.6612	1.011814	.2116515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3118516	.5229593	1.021073	-.129853	-.021205	F .6415743
Stddev	.0136433	.0046134	.023661	.023024	.000174	.0058356
%RSD	4.374932	.8821680	2.317313	17.73117	.8206189	.9095676

#1	.3160284	.5282628	1.047206	-.135529	-.021215	.6467781
#2	.2966081	.5207414	1.014909	-.149509	-.021026	.6426796
#3	.3229182	.5198737	1.001103	-.104522	-.021373	.6352651

Sample Name: ICSAB Acquired: 8/25/2017 16:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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 .8367957	.0001743	.8357974	F .8290970	.8498540	.0001788
Stddev	.0009473	.0059763	.0047800	.0024256	.0046791	.0000132
%RSD	.1132091	3427.973	.5719095	.2925583	.5505795	7.389664

#1	.8378640	-.002537	.8404557	.8283804	.8549746	.0001642
#2	.8364656	.007026	.8360322	.8318001	.8487866	.0001899
#3	.8360576	-.003965	.8309043	.8271103	.8458008	.0001822

Elem	Sr4077
Units	ppm
Avg	.0132028
Stddev	.0000688
%RSD	.5211216

#1	.0132817
#2	.0131711
#3	.0131555

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	704.1333	1365.377	31462.16	7112.457	2325.734
Stddev	8.2556	4.657	97.57	67.223	5.522
%RSD	1.172455	.3410942	.3101139	.9451472	.2374098

#1	696.7774	1361.152	31354.00	7038.378	2319.392
#2	702.5603	1364.608	31488.96	7129.414	2329.469
#3	713.0624	1370.371	31543.54	7169.577	2328.341

Sample Name: CCV042 Acquired: 8/25/2017 16:19:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.884033	4.726075	24.31009	4.842833	5.053972	395.1021
Stddev	.015669	.023235	.05004	.009468	.009964	.7768
%RSD	.3208139	.4916357	.2058518	.1955063	.1971509	.1966014

#1	4.901865	4.718354	24.33325	4.847677	5.064599	395.0720
#2	4.877764	4.707683	24.25266	4.848899	5.052478	394.3408
#3	4.872469	4.752187	24.34435	4.831923	5.044839	395.8934

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17527	.5267323	2.556992	413.3079	15.49681	2.519195
Stddev	.04403	.0067391	.003703	2.9379	.10229	.003261
%RSD	.4327296	1.279421	.1448017	.7108158	.6600606	.1294487

#1	10.16982	.5339473	2.558265	412.9284	15.56858	2.520850
#2	10.13422	.5256493	2.552821	410.5782	15.54218	2.515438
#3	10.22177	.5206002	2.559890	416.4170	15.37969	2.521297

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31190	413.7210	15.32215	418.6627	2.487395	1.352562
Stddev	.08646	1.4047	.09876	1.0677	.006447	.004572
%RSD	.5646679	.3395325	.6445685	.2550242	.2591923	.3380558

#1	15.41132	414.1812	15.31758	419.7401	2.488478	1.356474
#2	15.27007	412.1439	15.22574	417.6051	2.480475	1.353678
#3	15.25431	414.8379	15.42311	418.6429	2.493231	1.347536

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.2678	2.547524	15.41659	153.1176	5.431881	F 4.205552
Stddev	1.6367	.014887	.26185	1.0372	.019349	.043802
%RSD	.4109511	.5843684	1.698513	.6774200	.3562110	1.041538

#1	399.7165	2.553759	15.26355	154.3152	5.450765	4.255991
#2	396.4924	2.530534	15.26726	152.5316	5.412098	4.183588
#3	398.5945	2.558280	15.71894	152.5059	5.432781	4.177077

Sample Name: CCV042 Acquired: 8/25/2017 16:19:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959202	5.077551	5.048753	4.970115	5.073986	5.438700
Stddev	.009241	.008419	.051213	.024329	.020282	.070596
%RSD	.1863442	.1658130	1.014366	.4895016	.3997290	1.298029

#1	4.966698	5.073431	5.106756	4.983502	5.074553	5.444732
#2	4.962031	5.071985	5.029724	4.942033	5.053427	5.506086
#3	4.948877	5.087237	5.009778	4.984811	5.093979	5.365281

Elem	Sr4077
Units	ppm
Avg	5.229824
Stddev	.018717
%RSD	.3578911

#1	5.251354
#2	5.217430
#3	5.220687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	616.8417	1196.102	28719.08	6839.770	1899.036
Stddev	7.5276	3.589	101.30	39.714	7.068
%RSD	1.220350	.3000644	.3527411	.5806317	.3721729

#1	619.5793	1191.963	28812.07	6795.501	1893.657
#2	622.6174	1197.984	28734.03	6872.265	1907.041
#3	608.3284	1198.358	28611.13	6851.545	1896.411

Sample Name: CCB042 Acquired: 8/25/2017 16:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002343	.0007456	-.000587	-.000130	-.000391	.0010407	-.000749
Stddev	.003754	.0017440	.000481	.001506	.000223	.0008254	.000099
%RSD	160.2244	233.9072	81.93945	1155.733	57.18755	79.30881	13.27232

#1	-.003314	.0009101	-.001039	-.001617	-.000475	.0017919	-.000839
#2	-.005515	-.001075	-.000081	-.000168	-.000137	.0011732	-.000642
#3	.001801	.002402	-.000641	.001394	-.000560	.0001571	-.000766

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000884	.0000362	.0057650	-.000552	-.000068	.0009560	.0013327
Stddev	.0000305	.0000073	.0033234	.000499	.000171	.0010318	.0065584
%RSD	34.43376	20.17811	57.64835	90.37984	250.1281	107.9220	492.1258

#1	.0000533	.0000421	.0088705	-.000955	.000104	.0020871	-.001834
#2	.0001041	.0000386	.0022598	.000006	-.000072	.0000664	.008874
#3	.0001078	.0000280	.0061648	-.000709	-.000238	.0007145	-.003041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000174	.0075453	.0001676	.0001733	.0517634	-.000379	-.001856
Stddev	.000071	.0151139	.0006271	.0003473	.0254196	.002736	.003426
%RSD	40.95954	200.3076	374.0944	200.4208	49.10728	720.9533	184.5664

#1	-.000211	.0230708	.0007409	.0000865	.0399837	.002246	-.002713
#2	-.000092	.0066856	.0002641	-.000122	.0343706	-.003213	.001917
#3	-.000218	-.007120	-.000502	.000556	.0809360	-.000171	-.004772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079935	.0001455	.0033942	.0004363	-.004106	-.000266	.0006341
Stddev	.0070077	.0000933	.0004482	.0003649	.002276	.000812	.0011198
%RSD	87.66824	64.14874	13.20340	83.62601	55.42752	304.8415	176.6124

#1	.0027111	.0002226	.0030402	.0008351	-.005786	-.000664	.0006773
#2	.0159432	.0001722	.0032443	.0003546	-.005017	-.000803	-.000507
#3	.0053261	.0000417	.0038980	.0001192	-.001516	.000668	.001732

Sample Name: CCB042 Acquired: 8/25/2017 16:23:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011568	.0007363	.0001430
Stddev	.0007240	.0000689	.0000070
%RSD	62.58319	9.362512	4.877042

#1	.0015107	.0007963	.0001509
#2	.0003240	.0007516	.0001404
#3	.0016358	.0006610	.0001377

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	804.8083	1540.536	36136.39	7833.931	3180.551
Stddev	5.9860	1.928	80.61	55.173	9.421
%RSD	.7437835	.1251448	.2230812	.7042884	.2962182

#1	811.6395	1538.485	36228.33	7777.773	3170.239
#2	800.4795	1540.811	36103.01	7835.958	3188.709
#3	802.3060	1542.311	36077.83	7888.064	3182.704

Sample Name: PB101813BL Acquired: 8/25/2017 16:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001851	.0012629	-.001245	-.000061	-.000396	-.001231	-.001009
Stddev	.001241	.0009524	.001048	.002342	.001404	.000782	.000334
%RSD	67.04886	75.41291	84.13810	3838.273	354.6479	63.53349	33.06328

#1	-.000991	.0022817	-.000060	.002537	.000016	-.002065	-.000996
#2	-.001288	.0003951	-.001629	-.002011	-.001960	-.000514	-.001349
#3	-.003273	.0011118	-.002047	-.000709	.000756	-.001115	-.000682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	-.000014	-.002375	-.000695	-.000141	.0018940	-.000019
Stddev	.0000620	.000117	.003943	.000522	.000236	.0006842	.008572
%RSD	166.7767	850.5792	166.0318	75.07210	167.7783	36.12262	44873.92

#1	-.000034	.000007	-.006568	-.001097	.000131	.0018558	.009800
#2	.000077	-.000140	.001259	-.000105	-.000294	.0025965	-.003848
#3	.000069	.000091	-.001816	-.000883	-.000259	.0012297	-.006009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000409	-.005836	.0003853	.0000412	-.003643	.0003654	.0004443
Stddev	.000319	.018366	.0000844	.0002235	.075632	.0007951	.0040711
%RSD	77.99717	314.7285	21.89611	542.2827	2075.871	217.6015	916.3923

#1	-.000641	-.007058	.0003057	-.000148	-.046324	-.000107	-.001882
#2	-.000540	-.023560	.0004737	.000288	-.048287	.001283	-.001930
#3	-.000045	.013111	.0003764	-.000016	.083681	-.000080	.005145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.038048	-.000073	.0015416	.0003252	-.006615	-.001240	.0010903
Stddev	.024760	.000051	.0007339	.0002853	.003265	.000333	.0007630
%RSD	65.07431	69.02584	47.60904	87.72379	49.35422	26.88404	69.97625

#1	-.066565	-.000063	.0011466	.0004504	-.008740	-.000950	.0017702
#2	-.022022	-.000128	.0010897	-.000001	-.008249	-.001604	.0012357
#3	-.025558	-.000028	.0023884	.000526	-.002856	-.001167	.0002651

Sample Name: PB101813BL Acquired: 8/25/2017 16:27:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010894	.0001978	.0000926
Stddev	.0001811	.0000628	.0000011
%RSD	16.62317	31.73592	1.164634

#1	.0010619	.0002575	.0000935
#2	.0009236	.0002035	.0000929
#3	.0012826	.0001324	.0000914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	782.0635	1526.238	35590.26	7707.039	3151.333
Stddev	7.8542	15.934	202.49	40.298	24.845
%RSD	1.004291	1.044021	.5689535	.5228696	.7883810

#1	784.5803	1507.879	35610.82	7674.928	3122.645
#2	773.2594	1536.475	35378.27	7693.929	3165.632
#3	788.3508	1534.359	35781.69	7752.259	3165.721

Sample Name: I4960-01 Acquired: 8/25/2017 16:35:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9153015	-.416747	.9330890	-.300430	.0816662	7.965571
Stddev	.0095863	.002000	.0091429	.011486	.0044292	.011490
%RSD	1.047336	.4798953	.9798564	3.823054	5.423505	.1442453

#1	.9044974	-.416339	.9274493	-.309670	.0781633	7.957036
#2	.9186179	-.414982	.9281799	-.287571	.0801904	7.961042
#3	.9227893	-.418919	.9436380	-.304048	.0866448	7.978636

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4256261	.0278090	.6881422	F 919.8900	1.976386	.6728386
Stddev	.0024944	.0002674	.0008053	4.5481	.008376	.0027600
%RSD	.5860446	.9614448	.1170233	.4944128	.4238217	.4102038

#1	.4227585	.0275004	.6872357	915.6025	1.982160	.6739434
#2	.4268264	.0279688	.6884161	924.6601	1.980220	.6696973
#3	.4272934	.0279579	.6887748	919.4075	1.966779	.6748750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 62.80083	F 2649.931	28.17705	1.105831	F 5.806461	.0096586
Stddev	.16501	18.158	.11954	.006708	.006916	.0025154
%RSD	.2627587	.6852114	.4242453	.6065778	.1191141	26.04370

#1	62.62204	2644.618	28.06229	1.109807	5.802028	.0079880
#2	62.83316	2670.153	28.30086	1.098087	5.802924	.0125516
#3	62.94728	2635.023	28.16801	1.109600	5.814430	.0084361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.55896	.7028559	12.32622	.5366417	.0845481	^ *****
Stddev	.03937	.0027891	.10266	.0120618	.0024432	-----
%RSD	.2242399	.3968273	.8328262	2.247638	2.889750	-----

#1	17.51424	.6997567	12.26542	.5232328	.0839609	^ -----
#2	17.58844	.7051640	12.26850	.5400845	.0824520	^ -----
#3	17.57420	.7036471	12.44474	.5466077	.0872315	^ -----

Sample Name: I4960-01 Acquired: 8/25/2017 16:35:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9058542	564.7774	16.57786	.2055793	1.144154	.0018630
Stddev	.0036434	1.0560	.03995	.0049651	.006574	.0000721
%RSD	.4022103	.1869772	.2410061	2.415201	.5745345	3.869513

#1	.9067768	563.5692	16.57197	.2005904	1.151492	.0017805
#2	.9018382	565.2394	16.54118	.2105203	1.138802	.0018946
#3	.9089477	565.5237	16.62044	.2056273	1.142168	.0019139

Elem	Sr4077
Units	ppm
Avg	.1615875
Stddev	.0004322
%RSD	.2674485

#1	.1611590
#2	.1620232
#3	.1615802

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	513.4468	1031.015	27265.19	6370.731	1935.305
Stddev	3.7877	7.114	42.21	15.646	7.297
%RSD	.7377068	.6900471	.1548210	.2455842	.3770332

#1	513.9548	1025.408	27249.76	6380.196	1929.836
#2	516.9549	1039.019	27312.95	6352.672	1943.590
#3	509.4307	1028.620	27232.86	6379.326	1932.490

Sample Name: I4960-01DLX10 Acquired: 8/25/2017 16:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796119	-.038789	.1109688	-.012209	.0096039	.9720501	.0390775
Stddev	.0016372	.002787	.0021217	.003353	.0008739	.0063279	.0004897
%RSD	2.056433	7.186166	1.912016	27.46367	9.099950	.6509823	1.253224

#1	.0813718	-.036898	.1098668	-.015847	.0104371	.9770454	.0392273
#2	.0793296	-.041990	.1096248	-.011539	.0096804	.9741706	.0385303
#3	.0781342	-.037479	.1134148	-.009242	.0086942	.9649343	.0394748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036161	.0729146	88.68216	.1913748	.0677440	5.317509	312.3475
Stddev	.0000303	.0002899	.64242	.0005604	.0003613	.027052	1.3681
%RSD	.8378110	.3976397	.7244052	.2928322	.5333309	.5087282	.4380143

#1	.0036249	.0731275	88.08005	.1908050	.0681425	5.348740	311.7791
#2	.0036410	.0725844	89.35845	.1919253	.0676518	5.302425	313.9082
#3	.0035824	.0730319	88.60799	.1913942	.0674378	5.301363	311.3551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.887126	.1205584	.6705952	.0038010	1.507694	.0699537	1.052057
Stddev	.009091	.0016217	.0004188	.0001695	.080799	.0002551	.012896
%RSD	.3148930	1.345151	.0624446	4.459862	5.359134	.3646332	1.225783

#1	2.878048	.1210375	.6701676	.0036515	1.485687	.0696804	1.065336
#2	2.896231	.1218865	.6710045	.0037664	1.440178	.0699953	1.051253
#3	2.887098	.1187511	.6706135	.0039852	1.597217	.0701855	1.039582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029367	.0030182	-.921418	.0871352	66.54614	1.572399	.0224717
Stddev	.0078779	.0005374	.004675	.0003588	.11277	.003689	.0022598
%RSD	268.2614	17.80542	.5074240	.4117665	.1694541	.2345944	10.05620

#1	.0069209	.0024111	-.916362	.0874613	66.43120	1.574940	.0208199
#2	-.006138	.0034328	-.925585	.0871935	66.65660	1.568168	.0250470
#3	.008027	.0032108	-.922306	.0867508	66.55063	1.574090	.0215484

Sample Name: I4960-01DLX10 Acquired: 8/25/2017 16:50:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1167325	.0000783	.0154051
Stddev	.0021000	.0000265	.0000559
%RSD	1.798992	33.82071	.3628779

#1	.1186460	.0000561	.0154677
#2	.1144858	.0001075	.0153875
#3	.1170658	.0000712	.0153602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	728.6845	1424.823	32999.78	7466.592	2724.144
Stddev	6.8959	15.605	132.76	32.166	19.834
%RSD	.9463523	1.095245	.4023078	.4307981	.7280972

#1	720.7792	1407.785	32917.12	7460.005	2703.678
#2	731.8103	1428.264	32929.31	7438.230	2725.474
#3	733.4639	1438.421	33152.92	7501.542	2743.280

Sample Name: PB101813BS Acquired: 8/25/2017 16:54:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171358	.0556577	.0184032	.0661375	.1289935	.4831879
Stddev	.0048374	.0009747	.0004358	.0015898	.0006992	.0056560
%RSD	28.22996	1.751288	2.368282	2.403710	.5420622	1.170559

#1	.0139781	.0545326	.0179045	.0647662	.1288917	.4889752
#2	.0227049	.0561939	.0187111	.0678800	.1283508	.4776731
#3	.0147243	.0562467	.0185939	.0657662	.1297381	.4829153

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3644925	.0111966	.0108016	9.793501	.0238290	.0972914
Stddev	.0029362	.0001377	.0001842	.060311	.0004637	.0004126
%RSD	.8055571	1.230204	1.705608	.6158285	1.945921	.4240538

#1	.3678395	.0110897	.0109647	9.749414	.0243212	.0975652
#2	.3632873	.0113520	.0106017	9.862232	.0237651	.0968169
#3	.3623506	.0111481	.0108382	9.768858	.0234005	.0974922

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505587	.2421407	.0337302	10.56743	.0811209	.0216699
Stddev	.0011882	.0083313	.0001594	.08680	.0004121	.0002669
%RSD	2.350168	3.440684	.4724952	.8213666	.5079439	1.231567

#1	.0517259	.2335738	.0339140	10.65264	.0806869	.0213901
#2	.0493505	.2426336	.0336470	10.57053	.0815067	.0219216
#3	.0505997	.2502145	.0336296	10.47913	.0811690	.0216979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.550588	.1088370	.1237883	9.310522	F .0027549	F .0220868
Stddev	.093046	.0005507	.0023719	.217680	.0003677	.0015557
%RSD	.9742462	.5059498	1.916098	2.337997	13.34712	7.043599

#1	9.657682	.1083471	.1218975	9.561804	.0023395	.0217527
#2	9.504505	.1087308	.1230177	9.190136	.0028868	.0237824
#3	9.489577	.1094329	.1264496	9.179626	.0030385	.0207253

Sample Name: PB101813BS Acquired: 8/25/2017 16:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256391	.1633922	.2140216	F .0177087	.2093069	.0105525
Stddev	.0003788	.0029714	.0013947	.0021898	.0008244	.0002667
%RSD	1.477518	1.818542	.6516888	12.36584	.3938824	2.526914

#1	.0257836	.1602712	.2138765	.0168722	.2102528	.0108604
#2	.0252092	.1661869	.2127050	.0201935	.2087407	.0103979
#3	.0259243	.1637187	.2154832	.0160604	.2089273	.0103992

Elem	Sr4077
Units	ppm
Avg	.0286805
Stddev	.0001805
%RSD	.6293314

#1	.0288811
#2	.0286293
#3	.0285312

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	769.2758	1487.896	34673.02	7692.231	2958.751
Stddev	6.7415	6.282	209.80	56.405	3.262
%RSD	.8763405	.4221972	.6050859	.7332723	.1102490

#1	761.9073	1491.045	34576.86	7635.521	2957.983
#2	775.1340	1480.663	34913.67	7692.846	2955.942
#3	770.7860	1491.981	34528.54	7748.326	2962.329

Sample Name: CCV043 Acquired: 8/25/2017 17:07:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	4.728065	4.620561	23.97631	4.713052	4.785996	388.3981
Stddev	.011117	.007822	.03893	.013784	.018145	5.3336
%RSD	.2351206	.1692857	.1623737	.2924567	.3791229	1.373236

#1	4.722927	4.613343	23.93912	4.715195	4.777308	383.8705
#2	4.720445	4.628872	24.01678	4.698322	4.773829	387.0461
#3	4.740821	4.619467	23.97304	4.725639	4.806851	394.2776

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02944	.5285117	2.542980	413.1956	15.26525	2.482155
Stddev	.10796	.0025995	.005339	2.2420	.02228	.005644
%RSD	1.076475	.4918555	.2099522	.5426100	.1459573	.2273930

#1	9.90566	.5262706	2.538399	410.6148	15.23993	2.475639
#2	10.10414	.5279030	2.548844	414.3083	15.28188	2.485512
#3	10.07853	.5313616	2.541697	414.6637	15.27394	2.485315

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.84156	413.7291	15.24802	418.3303	2.449941	1.309131
Stddev	.09716	2.0490	.06985	1.4502	.008537	.001225
%RSD	.6546640	.4952402	.4580937	.3466543	.3484626	.0935408

#1	14.86098	411.5498	15.16737	416.8239	2.440083	1.307744
#2	14.73616	414.0214	15.28863	418.4502	2.454831	1.310064
#3	14.92755	415.6163	15.28807	419.7168	2.454909	1.309584

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.0285	2.513129	14.27802	151.1432	5.326139	F 4.205615
Stddev	2.3570	.008170	.02964	1.1617	.014839	.018165
%RSD	.5997088	.3250804	.2076259	.7685827	.2786122	.4319298

#1	393.0846	2.509948	14.30790	151.2653	5.334000	4.191471
#2	390.6439	2.507028	14.27754	149.9253	5.309023	4.199272
#3	395.3570	2.522411	14.24862	152.2390	5.335395	4.226101

Sample Name: CCV043 Acquired: 8/25/2017 17:07:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	4.886597	5.040048	5.003909	4.900050	4.982736	5.409486
Stddev	.011639	.025031	.021048	.008648	.021707	.046657
%RSD	.2381789	.4966467	.4206263	.1764840	.4356502	.8625023

#1	4.889038	5.053736	4.980945	4.893439	4.975969	5.432071
#2	4.873932	5.011158	5.008501	4.896874	4.965219	5.355834
#3	4.896822	5.055250	5.022282	4.909836	5.007021	5.440552

Elem	Sr4077
Units	ppm
Avg	5.199259
Stddev	.040117
%RSD	.7715960

#1	5.163098
#2	5.192265
#3	5.242413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	631.7343	1232.397	29042.96	6809.455	1942.729
Stddev	2.2913	3.623	83.90	12.982	4.453
%RSD	.3627017	.2939521	.2888817	.1906468	.2292127

#1	629.1592	1232.596	29001.72	6824.146	1946.494
#2	633.5480	1235.916	28987.66	6804.692	1943.879
#3	632.4957	1228.679	29139.50	6799.528	1937.813

Sample Name: CCB043 Acquired: 8/25/2017 17:11:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	-.000798	-.000777	-.001413	-.000569	-.000248	.0025356	-.000710
Stddev	.001858	.000913	.000739	.003251	.000630	.0012389	.000242
%RSD	232.8605	117.4626	52.32148	571.5687	253.5369	48.86071	34.07910

#1	.001313	.000274	-.000824	.002847	.000474	.0034963	-.000953
#2	-.001525	-.001239	-.002242	-.003625	-.000541	.0029734	-.000711
#3	-.002182	-.001367	-.001172	-.000928	-.000678	.0011373	-.000468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000827	.0000584	-.000746	-.000190	-.000080	.0010092	.0034081
Stddev	.0000364	.0000520	.009100	.000440	.000105	.0008260	.0030688
%RSD	43.98727	88.95076	1219.164	231.7965	130.8082	81.84495	90.04263

#1	.0000817	.0000026	-.005482	-.000567	-.000123	.0006394	.0029122
#2	.0001196	.0000673	-.006501	-.000296	-.000157	.0019554	.0006175
#3	.0000469	.0001054	.009745	.000294	.000039	.0004327	.0066947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000284	-.006068	.0000991	.0001154	.0196022	-.001578	.0020752
Stddev	.000121	.012107	.0004195	.0002231	.1055102	.000388	.0015679
%RSD	42.75518	199.5282	423.3528	193.3570	538.2573	24.55280	75.55373

#1	-.000242	-.014112	-.000385	.0002669	.1382062	-.001297	.0002649
#2	-.000189	-.011947	.000363	.0002199	-.015571	-.001417	.0030015
#3	-.000420	.007856	.000318	-.000141	-.063829	-.002021	.0029593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013880	-.000060	.0018744	.0004728	-.004183	-.000265	.0016307
Stddev	.003180	.000223	.0004863	.0001681	.002749	.000475	.0009927
%RSD	22.91083	372.9051	25.94635	35.54582	65.71083	179.2054	60.87822

#1	-.014358	-.000260	.0023025	.0006609	-.006535	-.000445	.0024133
#2	-.016793	-.000100	.0019753	.0003374	-.004855	-.000624	.0005140
#3	-.010488	.000180	.0013456	.0004202	-.001161	.000274	.0019647

Sample Name: CCB043 Acquired: 8/25/2017 17:11:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v137) 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	.0007399	.0004906	.0001340
Stddev	.0002369	.0000360	.0000054
%RSD	32.02142	7.340073	4.054853

#1	.0010006	.0005314	.0001379
#2	.0005377	.0004774	.0001363
#3	.0006814	.0004631	.0001278

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	814.3715	1555.980	36326.92	7825.275	3207.972
Stddev	13.7049	6.125	193.80	48.702	6.919
%RSD	1.682879	.3936104	.5334875	.6223705	.2156715

#1	818.7575	1561.872	36300.03	7772.862	3211.065
#2	799.0105	1556.423	36147.96	7833.829	3212.805
#3	825.3465	1549.647	36532.75	7869.133	3200.047