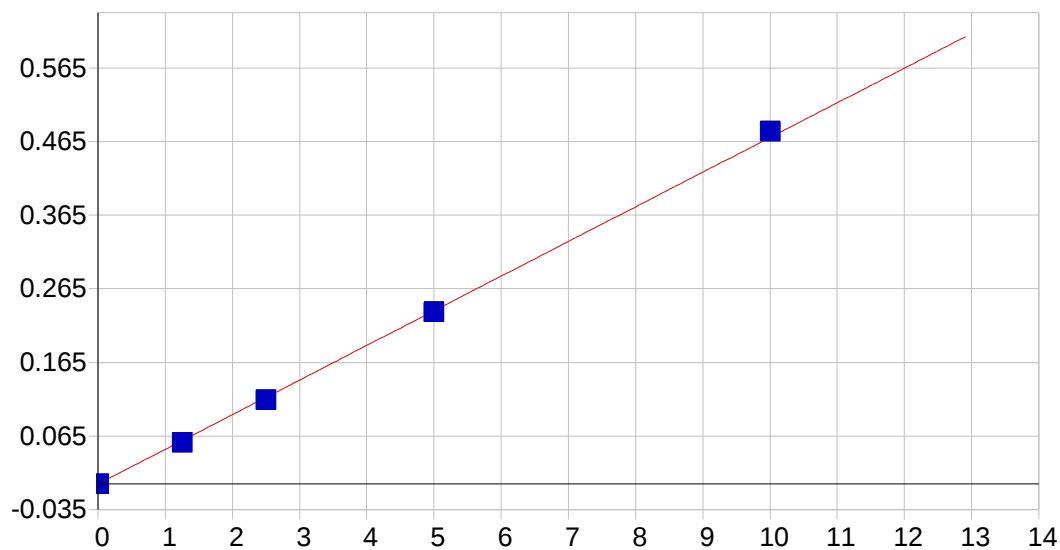




As 189.042 {479}

Date of Fit: 7/18/2017 15:12:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000181

Re-Slope: 1.000000

A1 (Gain): 0.047065

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999776

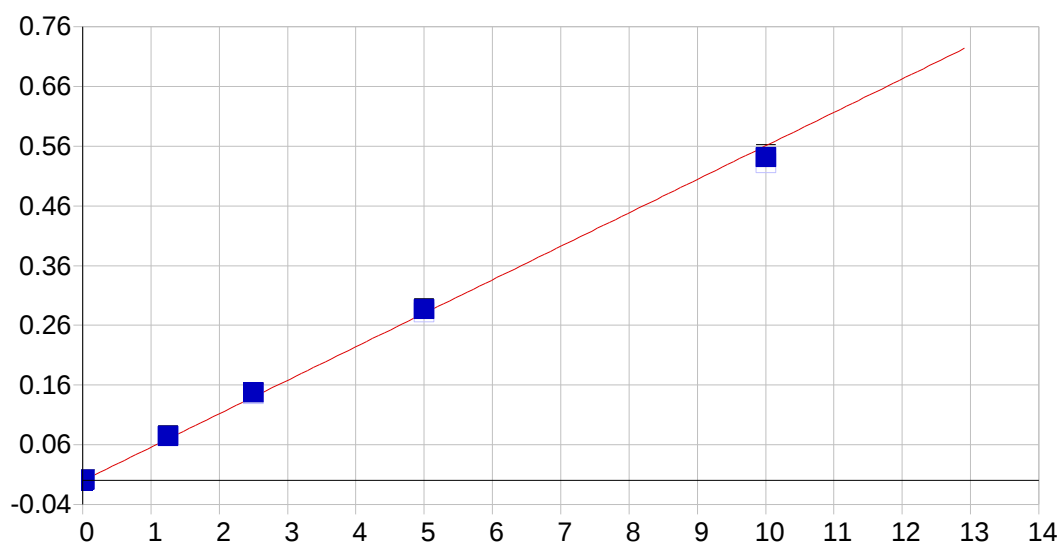
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.003619

Predicted MQL: 0.012063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.00827	-.002	-17.3	.00021	.000	1
S2	1.2500	1.1913	-.059	-4.69	.05587	.000	1
S3	2.5000	2.4264	-.074	-2.94	.11399	.000	1
S4	5.0000	4.9629	-.037	-.743	.23333	.000	1
S5	10.000	10.171	.171	1.71	.47839	.001	1



TI 190.856 {477}

Date of Fit: 7/18/2017 15:12:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000221

Re-Slope: 1.000000

A1 (Gain): 0.056063

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999204

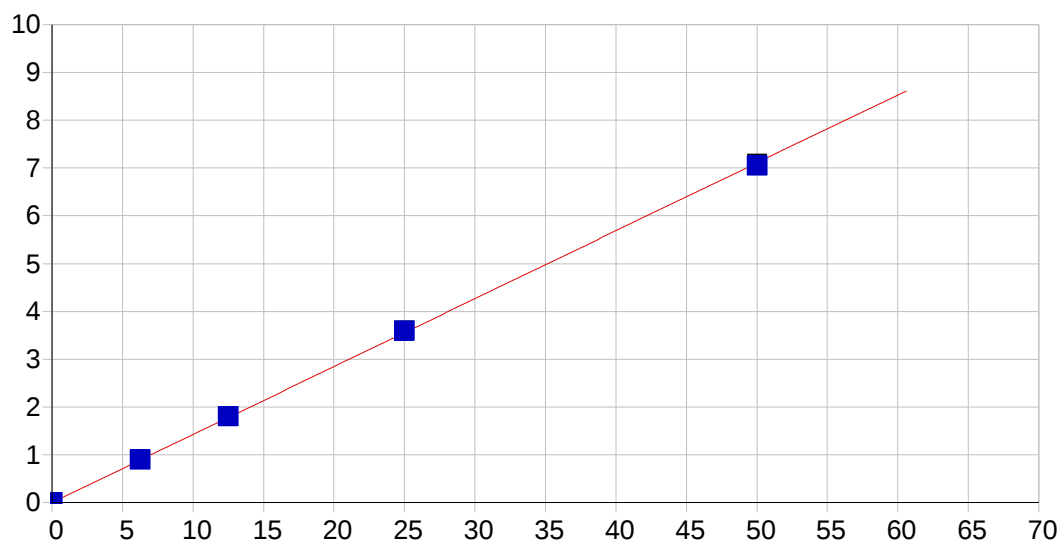
Status: OK.

Std Error of Est: 0.000058

Predicted MDL: 0.001863

Predicted MQL: 0.006209

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00022	.000	1
S1	.02500	.03001	.005	20.0	.00134	.000	1
S2	1.2500	1.3399	.090	7.19	.07362	.000	1
S3	2.5000	2.6273	.127	5.09	.14452	.000	1
S4	5.0000	5.1228	.123	2.46	.28189	.001	1
S5	10.000	9.6553	-.345	-3.45	.53090	.005	1

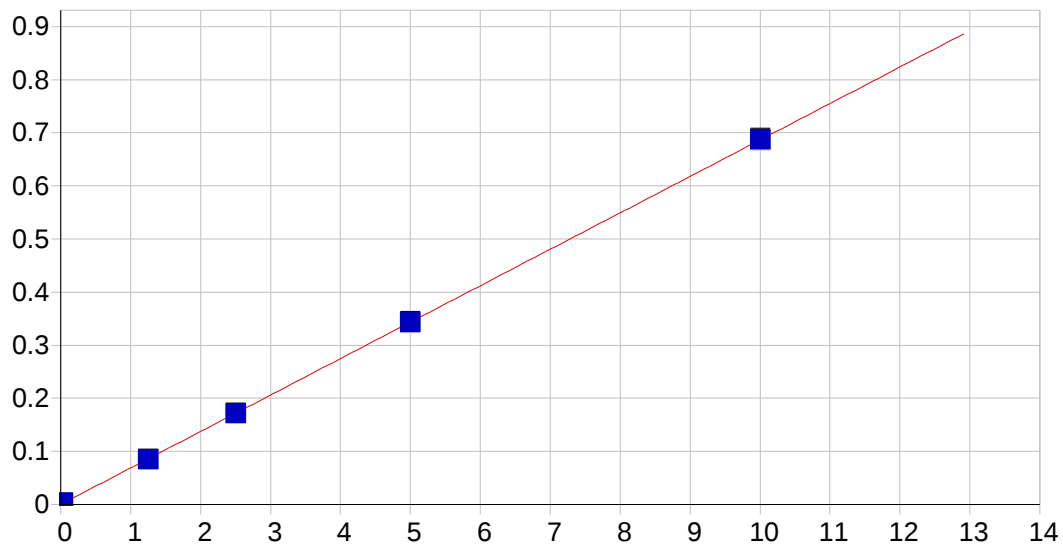


Pb 220.353 {453}

Date of Fit: 7/18/2017 15:12:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.142184 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.001520
 Predicted MQL: 0.005066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.01038	.000	3.80	.00169	.000	1
S2	6.2500	6.2956	.046	.729	.89561	.001	1
S3	12.500	12.666	.166	1.33	1.8017	.003	1
S4	25.000	25.233	.233	.933	3.5890	.007	1
S5	50.000	49.554	-.446	-.891	7.0482	.031	1

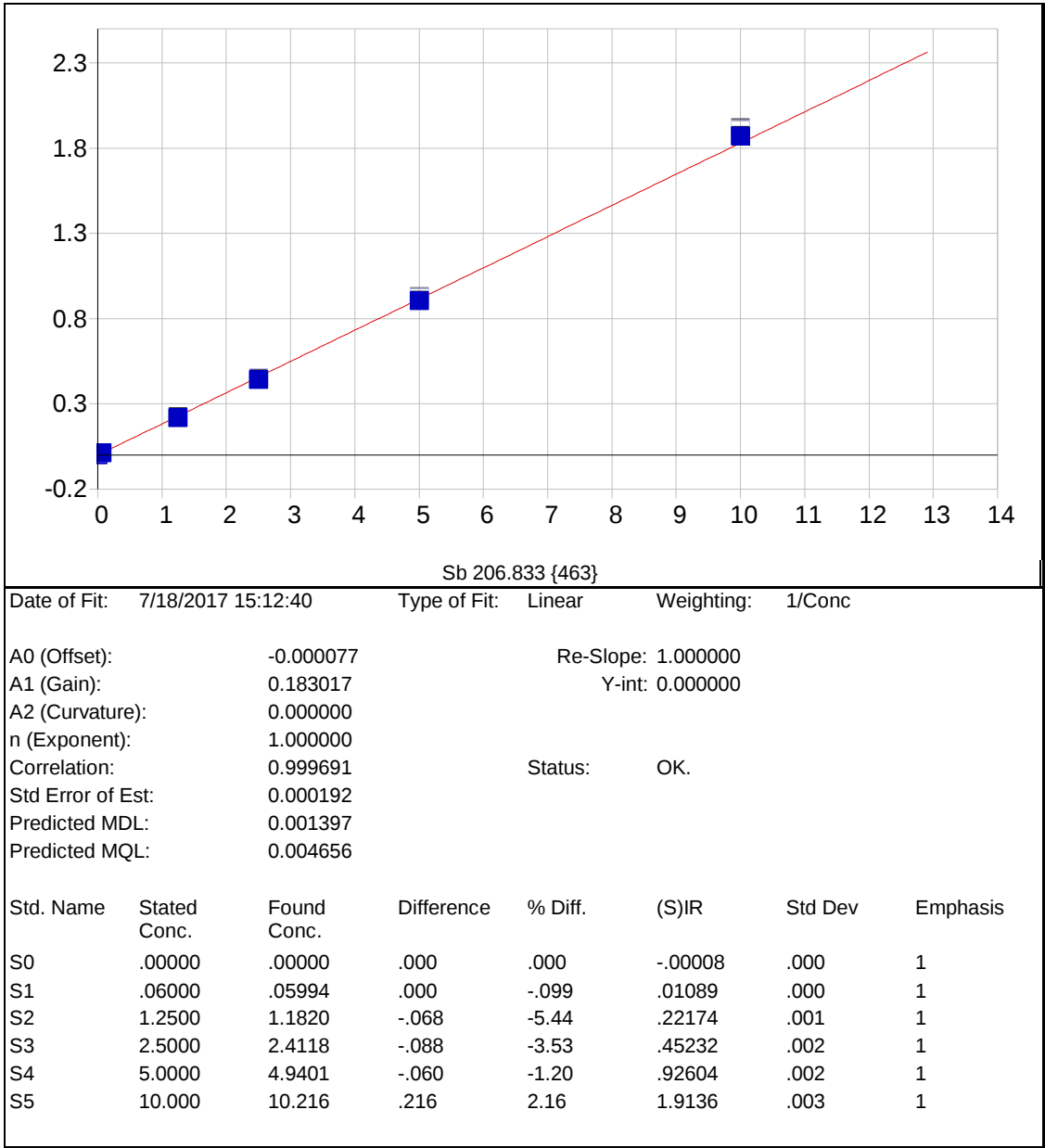


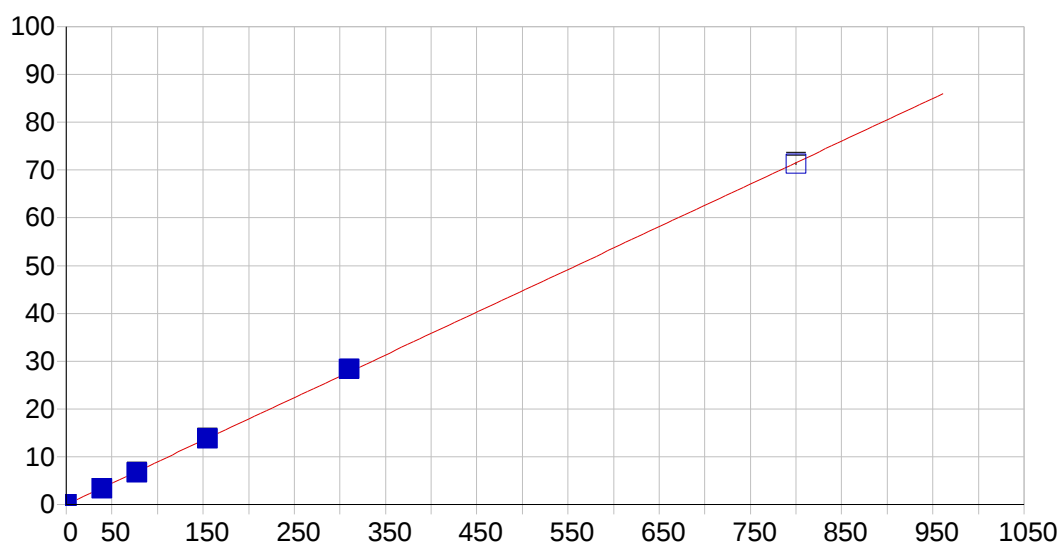
Se 196.090 {472}

Date of Fit: 7/18/2017 15:12:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.068629 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003062
 Predicted MQL: 0.010208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.03500	.03799	.003	8.54	.00280	.000	1
S2	1.2500	1.2332	-.017	-1.34	.08451	.001	1
S3	2.5000	2.5014	.001	.055	.17122	.001	1
S4	5.0000	5.0013	.001	.026	.34215	.001	1
S5	10.000	10.011	.011	.111	.68471	.003	1





AI 396.152 { 85}

Date of Fit: 7/18/2017 15:16:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000678

Re-Slope: 1.000000

A1 (Gain): 0.089437

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999860

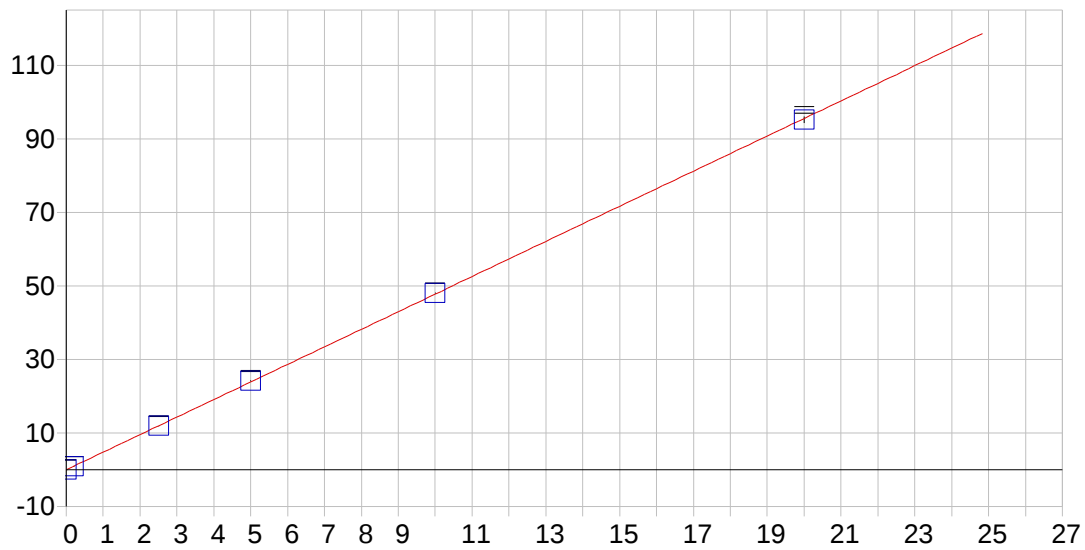
Status: OK.

Std Error of Est: 0.000930

Predicted MDL: 0.005883

Predicted MQL: 0.019609

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00068	.000	1
S1	.20000	.19565	-.004	-2.18	.01821	.000	1
S2	38.750	36.649	-2.10	-5.42	3.2826	.004	1
S3	77.500	75.058	-2.44	-3.15	6.7220	.016	1
S4	155.00	154.51	-.485	-.313	13.837	.033	1
S5	310.00	317.59	7.59	2.45	28.439	.080	1
S6	800.00	797.43	-2.57	-.321	71.321	.302	1



Ba 493.409 { 68}

Date of Fit: 7/18/2017 15:12:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.022747

Re-Slope: 1.000000

A1 (Gain): 4.777515

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999957

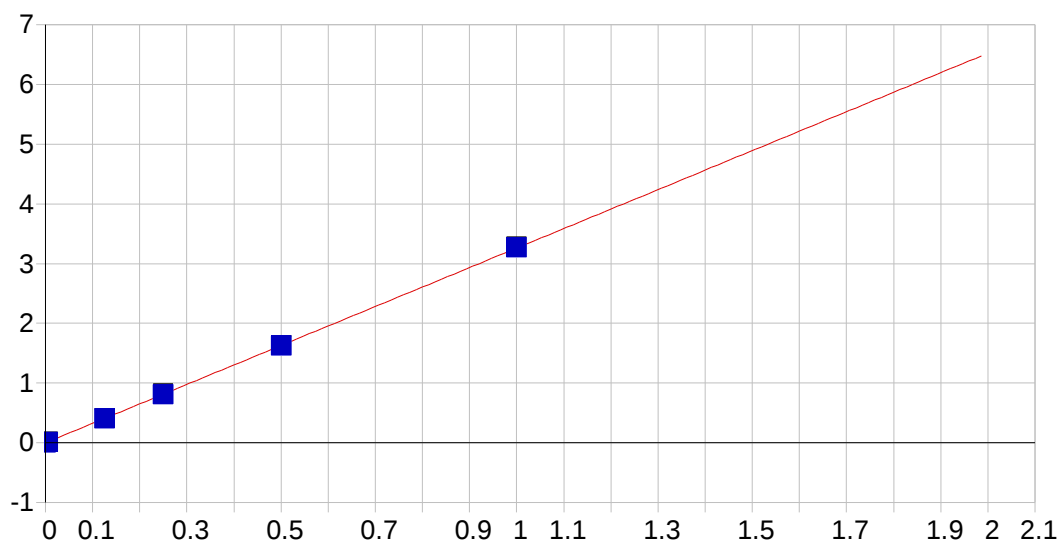
Status: OK.

Std Error of Est: 0.004714

Predicted MDL: 0.000264

Predicted MQL: 0.000879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.02266	.000	1
S1	.20000	.18106	-.019	-9.47	.84228	.004	1
S2	2.5000	2.4866	-.013	-.536	11.857	.029	1
S3	5.0000	5.0620	.062	1.24	24.161	.087	1
S4	10.000	10.053	.053	.526	48.004	.029	1
S5	20.000	19.918	-.082	-.411	95.135	.868	1

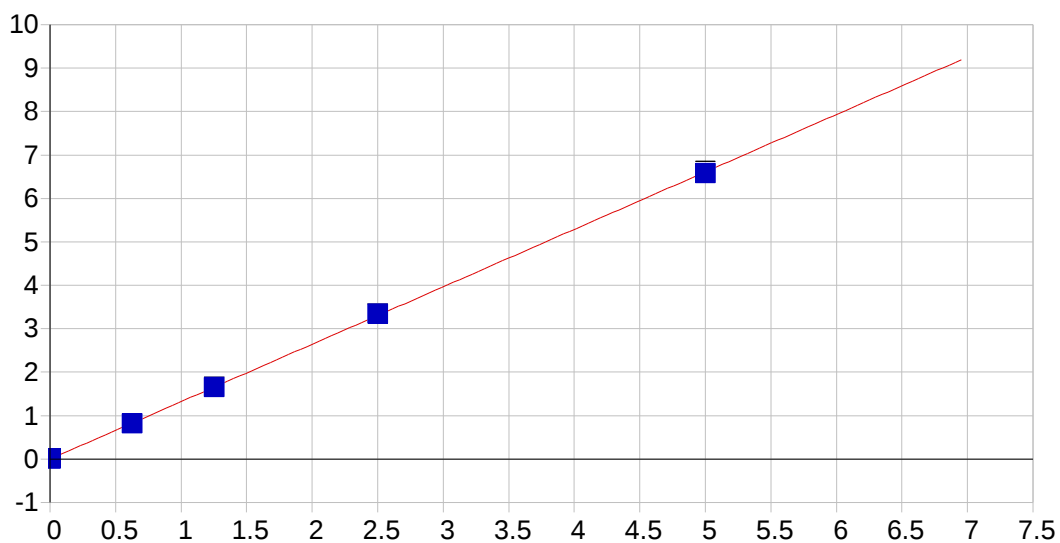


Be 234.861 {144}

Date of Fit: 7/18/2017 15:12:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001996 Re-Slope: 1.000000
 A1 (Gain): 3.261782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.000086
 Predicted MQL: 0.000287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00200	.000	1
S1	.00500	.00484	.000	-3.21	.01378	.000	1
S2	.12500	.12399	-.001	-.809	.40106	.001	1
S3	.25000	.24973	.000	-.107	.80984	.005	1
S4	.50000	.49857	-.001	-.286	1.6187	.006	1
S5	1.0000	1.0029	.003	.287	3.2582	.013	1



Cd 214.438 {457}

Date of Fit: 7/18/2017 15:12:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000509

Re-Slope: 1.000000

A1 (Gain): 1.322135

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999975

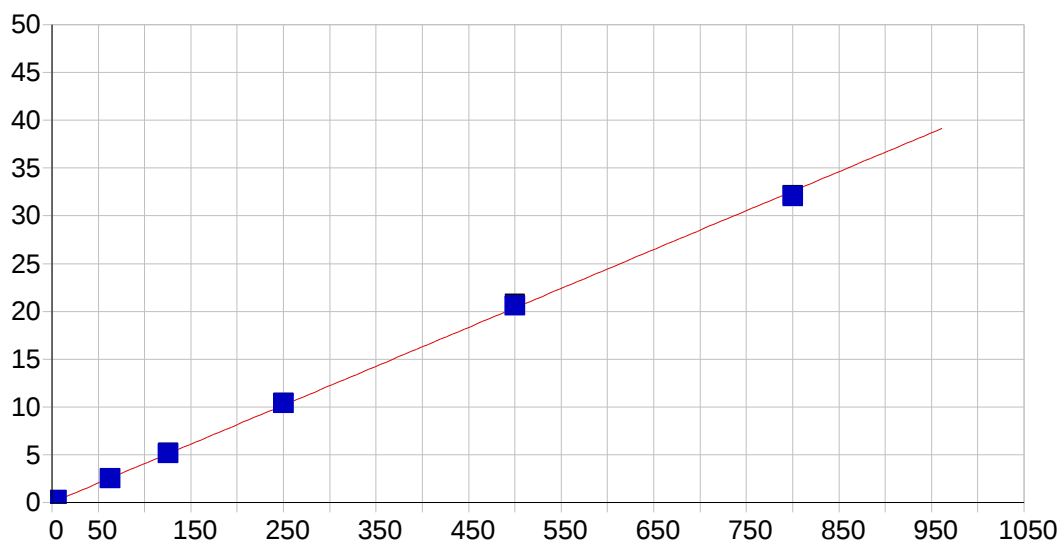
Status: OK.

Std Error of Est: 0.000078

Predicted MDL: 0.000119

Predicted MQL: 0.000396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.00500	.00536	.000	7.26	.00659	.000	1
S2	.62500	.61920	-.006	-.927	.81961	.004	1
S3	1.2500	1.2538	.004	.305	1.6601	.006	1
S4	2.5000	2.5255	.026	1.02	3.3444	.005	1
S5	5.0000	4.9761	-.024	-.478	6.5901	.044	1



Ca 373.690 { 90}

Date of Fit: 7/18/2017 15:16:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001196

Re-Slope: 1.000000

A1 (Gain): 0.040719

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999886

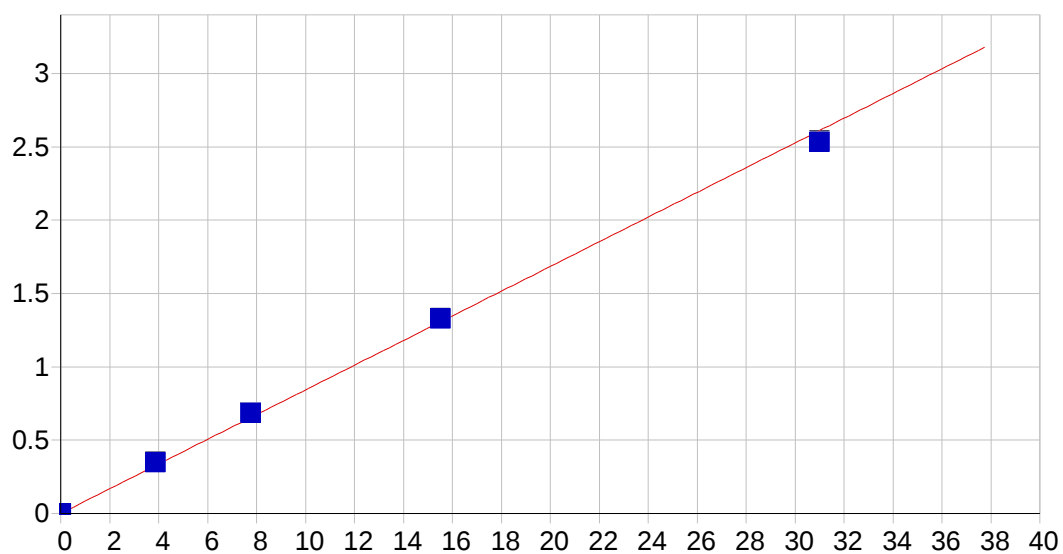
Status: OK.

Std Error of Est: 0.002138

Predicted MDL: 0.012354

Predicted MQL: 0.041179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	.000	.000	.00119	.000	1
S1	5.0000	4.9810	-.019	-.381	.20401	.001	1
S2	62.500	62.187	-.313	-.501	2.5303	.005	1
S3	125.00	126.18	1.18	.947	5.1331	.024	1
S4	250.00	254.89	4.89	1.95	10.368	.010	1
S5	500.00	506.74	6.74	1.35	20.611	.120	1
S6	800.00	787.51	-12.5	-1.56	32.002	.073	1

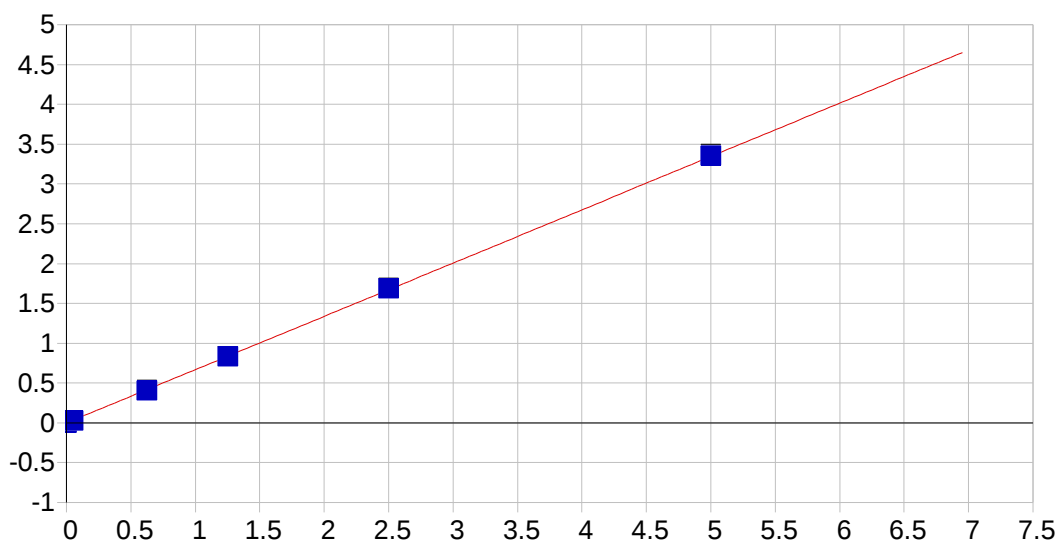


Cr 267.716 {126}

Date of Fit: 7/18/2017 15:12:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000
 A1 (Gain): 0.084207 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999403 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.000590
 Predicted MQL: 0.001967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.01006	.000	.572	.00102	.000	1
S2	3.8750	4.1457	.271	6.99	.35010	.001	1
S3	7.7500	8.1402	.390	5.03	.68731	.001	1
S4	15.500	15.756	.256	1.65	1.3303	.002	1
S5	31.000	30.083	-.917	-2.96	2.5401	.005	1

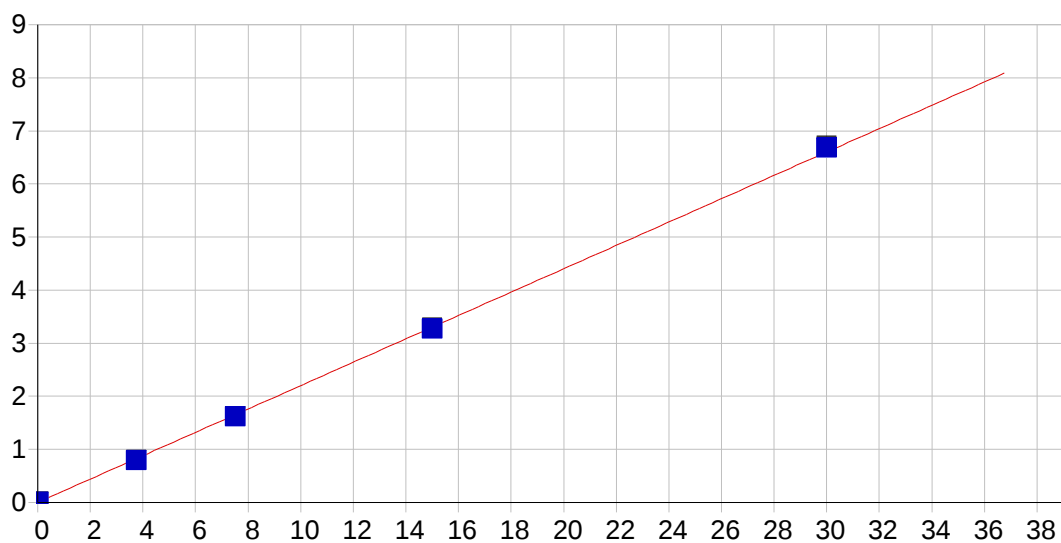


Co 228.616 {448}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000247 Re-Slope: 1.000000
 A1 (Gain): 0.668956 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.000223
 Predicted MQL: 0.000742

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00024	.000	1
S1	.05000	.04287	-.007	-14.3	.02855	.000	1
S2	.62500	.60861	-.016	-2.62	.40776	.001	1
S3	1.2500	1.2425	-.007	-.597	.83270	.001	1
S4	2.5000	2.5202	.020	.809	1.6892	.002	1
S5	5.0000	5.0108	.011	.215	3.3587	.014	1

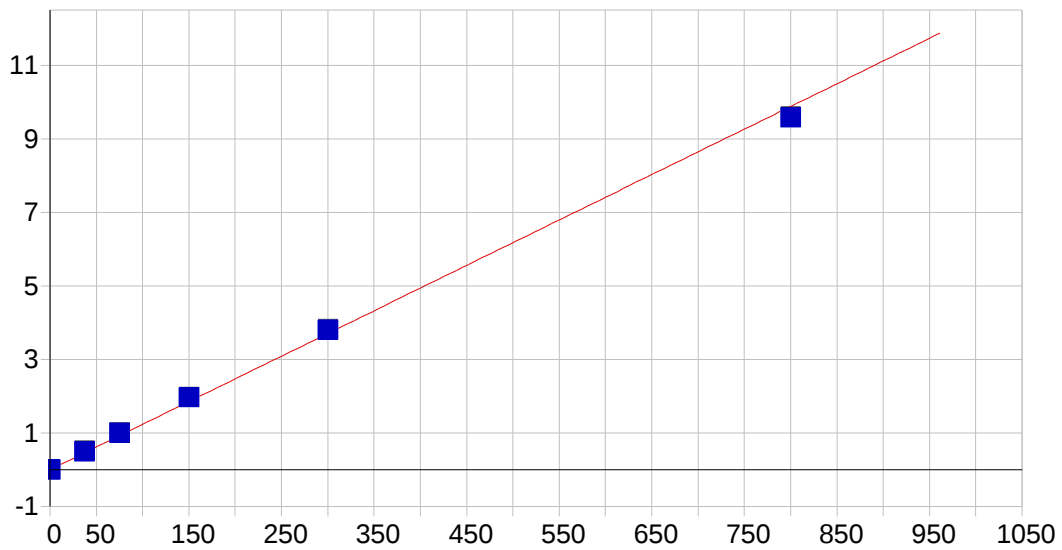


Cu 324.754 {104}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001684 Re-Slope: 1.000000
 A1 (Gain): 0.220011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.001467
 Predicted MQL: 0.004891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00168	.000	1
S1	.02500	.02536	.000	1.46	.00723	.000	1
S2	3.7500	3.6048	-.145	-3.87	.79243	.002	1
S3	7.5000	7.3517	-.148	-1.98	1.6144	.004	1
S4	15.000	14.895	-.105	-.697	3.2694	.012	1
S5	30.000	30.398	.398	1.33	6.6707	.022	1



Fe 259.837 {130}

Date of Fit: 7/18/2017 15:16:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000085

Re-Slope: 1.000000

A1 (Gain): 0.012347

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999218

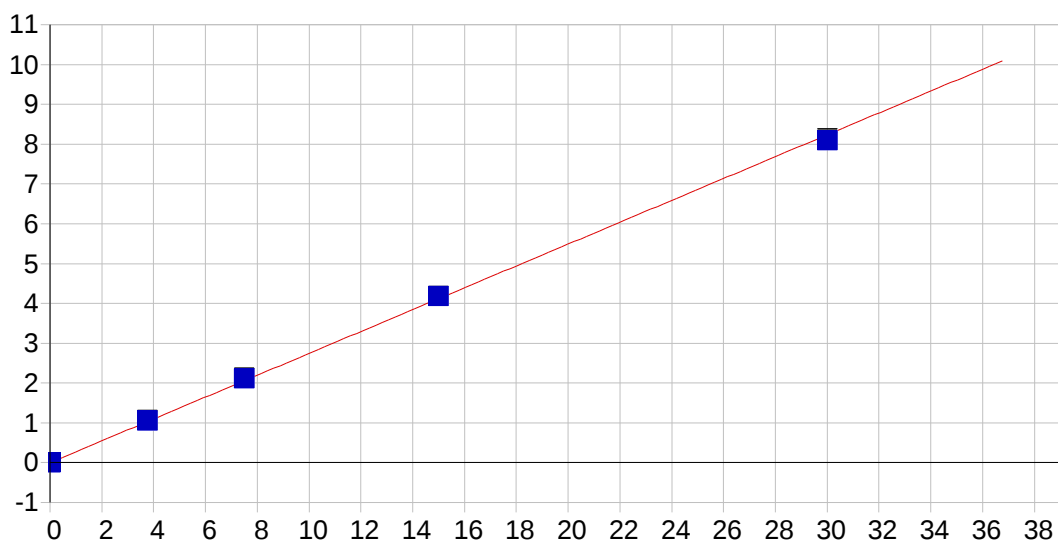
Status: OK.

Std Error of Est: 0.000213

Predicted MDL: 0.012965

Predicted MQL: 0.043217

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00008	.000	1
S1	.10000	.11601	.016	16.0	.00152	.000	1
S2	37.500	40.357	2.86	7.62	.49892	.002	1
S3	75.000	80.601	5.60	7.47	.99636	.003	1
S4	150.00	158.90	8.90	5.93	1.9642	.002	1
S5	300.00	307.57	7.57	2.52	3.8021	.016	1
S6	800.00	775.04	-25.0	-3.12	9.5744	.016	1

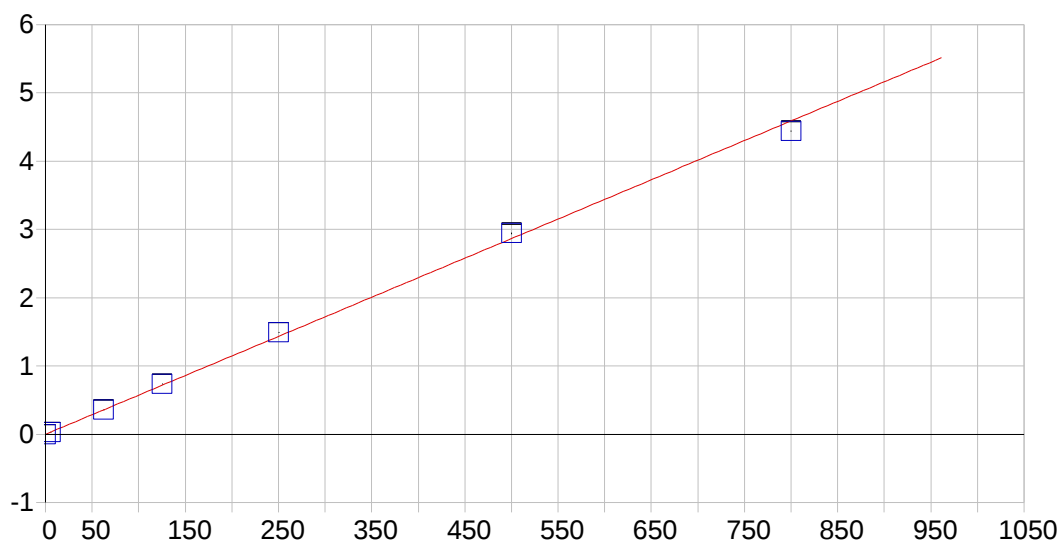


Mn 257.610 {131}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.274493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.000656
 Predicted MQL: 0.002188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01618	.001	7.88	.00438	.000	1
S2	3.7500	3.8570	.107	2.85	1.0589	.003	1
S3	7.5000	7.7174	.217	2.90	2.1188	.009	1
S4	15.000	15.212	.212	1.41	4.1765	.006	1
S5	30.000	29.462	-.538	-1.79	8.0889	.045	1



Mg 279.079 {121}

Date of Fit: 7/18/2017 15:16:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000188

Re-Slope: 1.000000

A1 (Gain): 0.005736

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999524

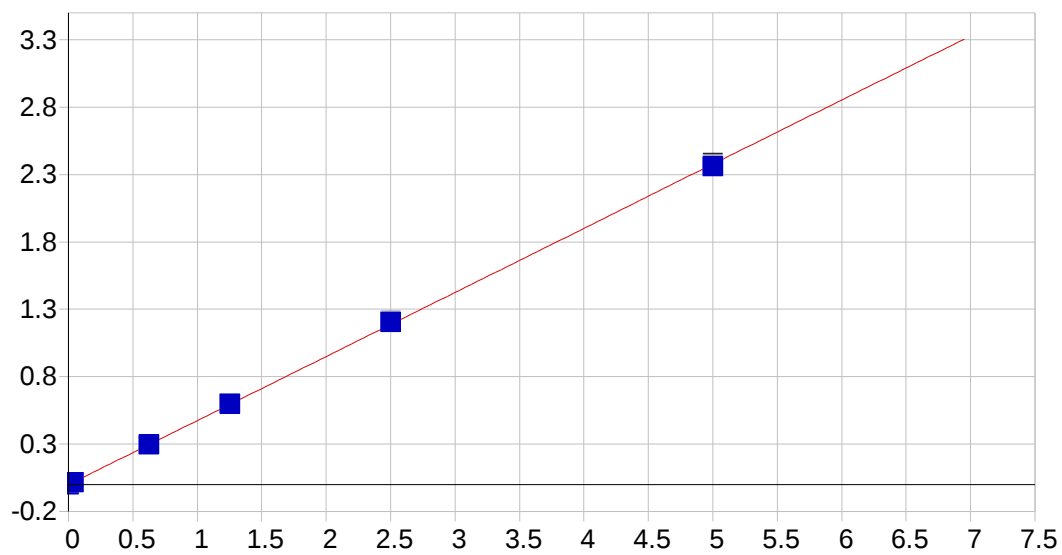
Status: OK.

Std Error of Est: 0.000618

Predicted MDL: 0.032595

Predicted MQL: 0.108649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00038	.000	.000	-.00019	.000	1
S1	5.0000	5.0961	.096	1.92	.02904	.000	1
S2	62.500	62.520	.020	.032	.35841	.002	1
S3	125.00	128.09	3.09	2.47	.73447	.001	1
S4	250.00	259.74	9.74	3.90	1.4896	.002	1
S5	500.00	513.19	13.2	2.64	2.9433	.012	1
S6	800.00	773.87	-26.1	-3.27	4.4385	.007	1

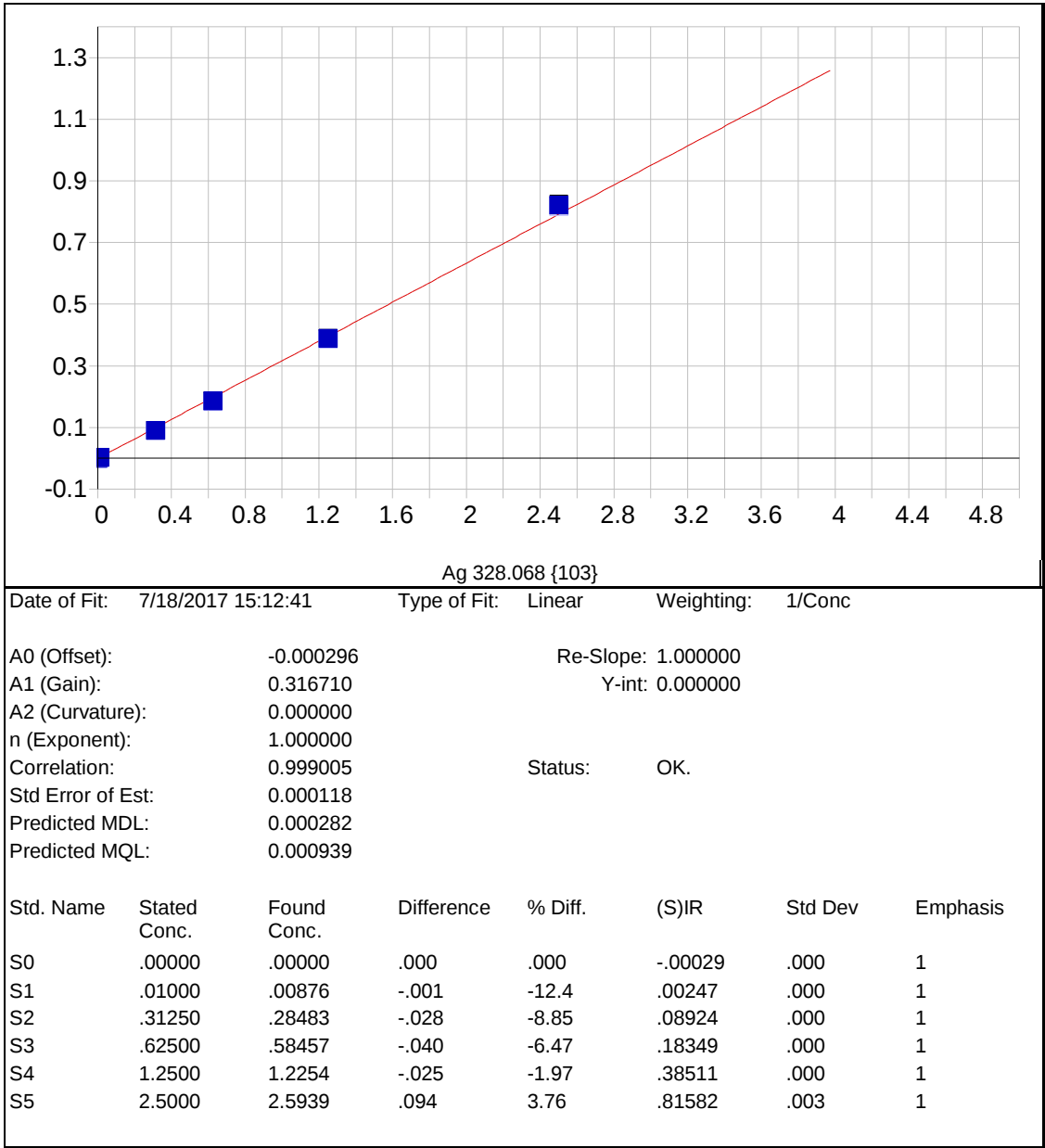


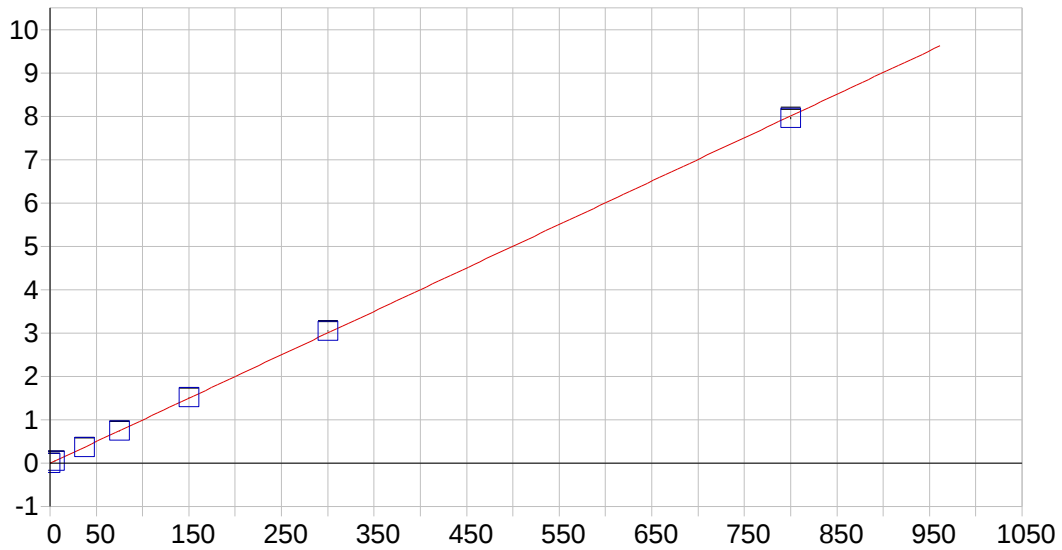
Ni 231.604 {446}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000717 Re-Slope: 1.000000
 A1 (Gain): 0.475532 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.000363
 Predicted MQL: 0.001211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00071	.000	1
S1	.04000	.03604	-.004	-9.91	.01645	.000	1
S2	.62500	.62243	-.003	-.411	.29683	.001	1
S3	1.2500	1.2588	.009	.701	.60099	.002	1
S4	2.5000	2.5344	.034	1.38	1.2107	.001	1
S5	5.0000	4.9633	-.037	-.733	2.3720	.014	1





Na 818.326 { 41}

Date of Fit: 7/18/2017 15:16:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004178

Re-Slope: 1.000000

A1 (Gain): 0.010012

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999941

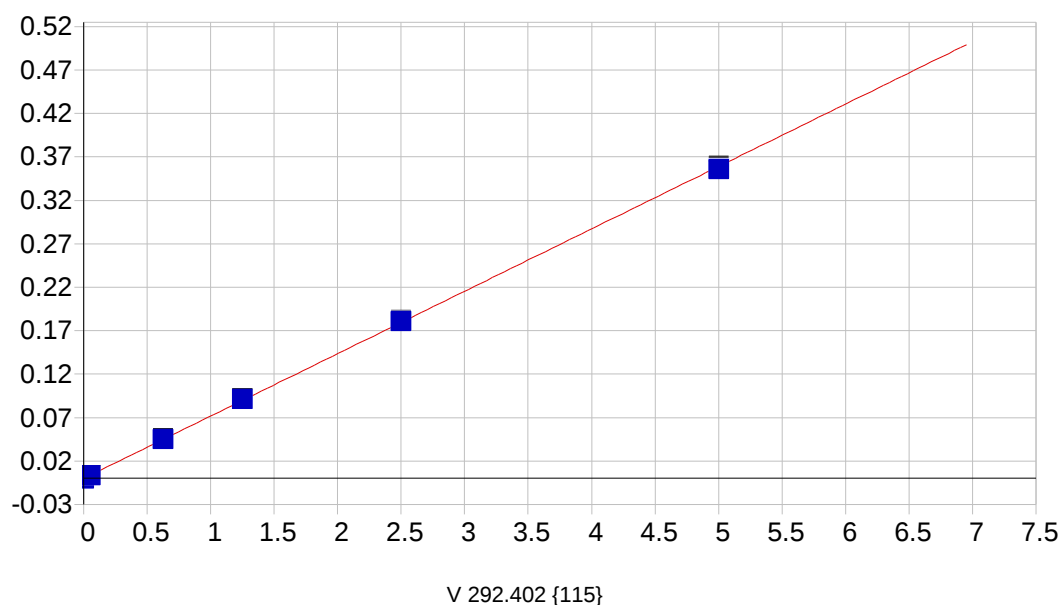
Status: OK.

Std Error of Est: 0.000338

Predicted MDL: 0.113561

Predicted MQL: 0.378538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	-.00418	.001	1
S1	5.0000	4.9540	-.046	-.920	.04542	.001	1
S2	37.500	36.520	-.980	-2.61	.36147	.002	1
S3	75.000	74.629	-.371	-.494	.74302	.004	1
S4	150.00	151.43	1.43	.954	1.5120	.003	1
S5	300.00	305.13	5.13	1.71	3.0509	.016	1
S6	800.00	794.83	-5.17	-.646	7.9538	.025	1



Date of Fit: 7/18/2017 15:12:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000099

Re-Slope: 1.000000

A1 (Gain): 0.071829

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

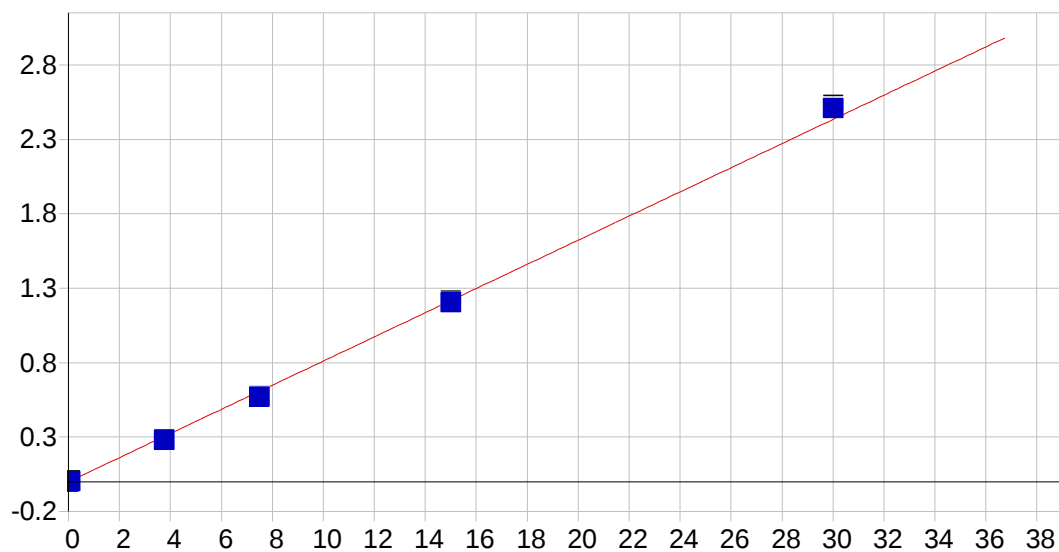
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.002944

Predicted MQL: 0.009814

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.05000	.04827	-.002	-3.46	.00338	.000	1
S2	.62500	.63099	.006	.958	.04541	.000	1
S3	1.2500	1.2706	.021	1.65	.09154	.001	1
S4	2.5000	2.5205	.021	.822	.18169	.001	1
S5	5.0000	4.9546	-.045	-.908	.35727	.002	1

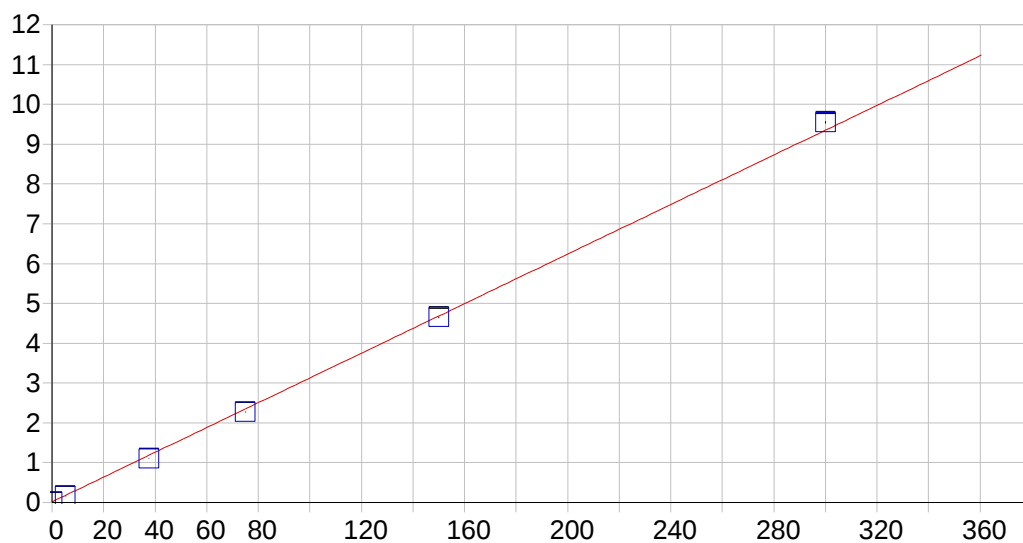


Zn 213.856 {158}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000983 Re-Slope: 1.000000
 A1 (Gain): 0.081170 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999276 Status: OK.
 Std Error of Est: 0.000220
 Predicted MDL: 0.009482
 Predicted MQL: 0.031607

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00098	.001	1
S1	.06000	.05258	-.007	-12.4	.00330	.001	1
S2	3.7500	3.4434	-.307	-8.18	.27925	.002	1
S3	7.5000	7.0512	-.449	-5.98	.57282	.003	1
S4	15.000	14.852	-.148	-.988	1.2075	.008	1
S5	30.000	30.911	.911	3.04	2.5139	.017	1

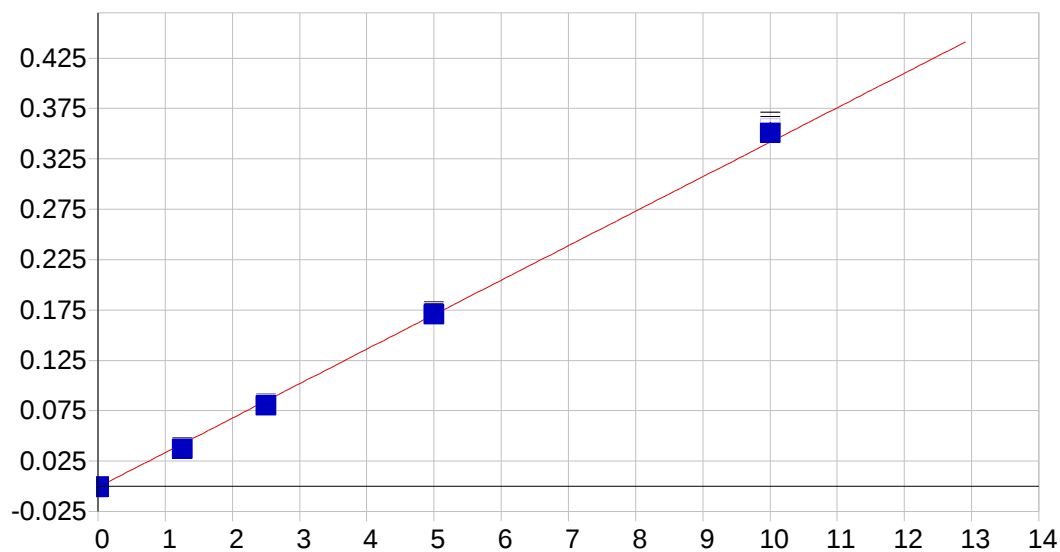


K 769.896 { 44}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015851 Re-Slope: 1.000000
 A1 (Gain): 0.031116 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999639 Status: OK.
 Std Error of Est: 0.001725
 Predicted MDL: 0.031374
 Predicted MQL: 0.104580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	.01588	.000	1
S1	5.0000	4.6535	-.347	-6.93	.16065	.001	1
S2	37.500	35.083	-2.42	-6.45	1.1075	.003	1
S3	75.000	72.440	-2.56	-3.41	2.2699	.003	1
S4	150.00	148.95	-1.05	-.700	4.6506	.024	1
S5	300.00	306.37	6.37	2.12	9.5490	.026	1

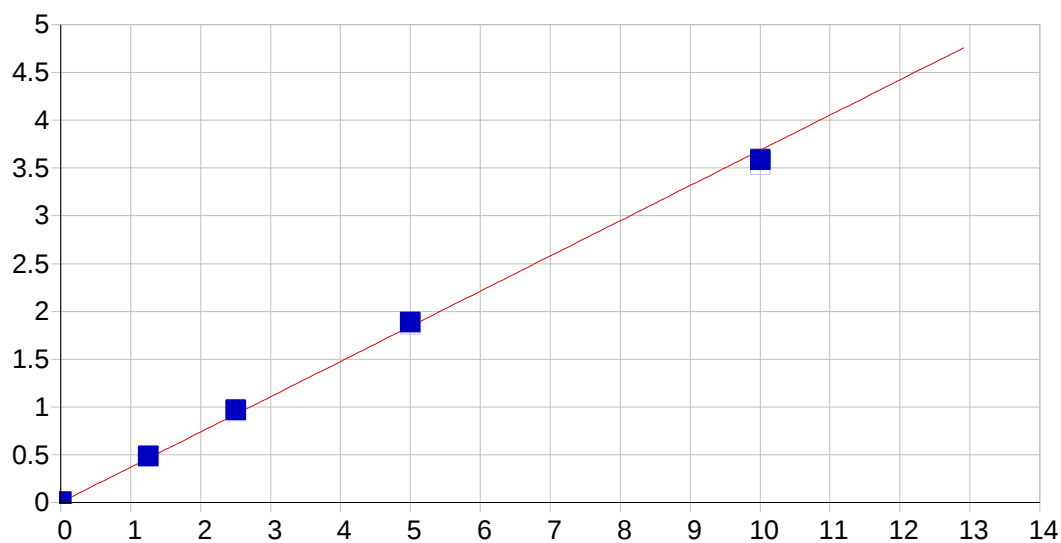


P 177.495 {490}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000815 Re-Slope: 1.000000
 A1 (Gain): 0.034238 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999185 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002643
 Predicted MQL: 0.008811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.01000	.01215	.002	21.5	-.00039	.000	1
S2	1.2500	1.1126	-.137	-11.0	.03783	.000	1
S3	2.5000	2.3556	-.144	-5.78	.08094	.001	1
S4	5.0000	5.0059	.006	.118	.17279	.001	1
S5	10.000	10.274	.274	2.74	.35536	.006	1

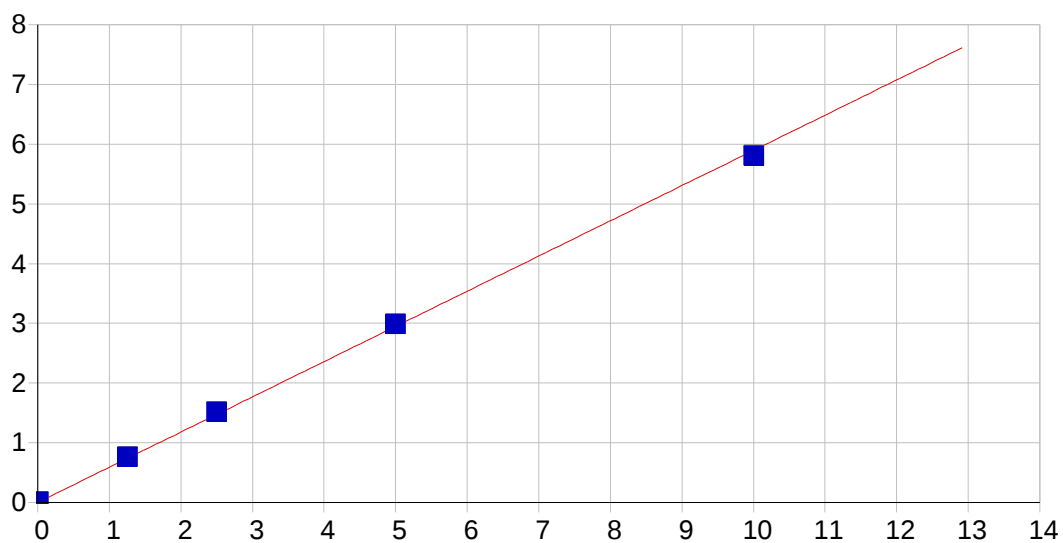


B 249.678 {135}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000709 Re-Slope: 1.000000
 A1 (Gain): 0.368482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999470 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.000874
 Predicted MQL: 0.002914

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.01000	.01147	.001	14.7	.00494	.000	1
S2	1.2500	1.3102	.060	4.82	.47774	.002	1
S3	2.5000	2.6194	.119	4.78	.95439	.003	1
S4	5.0000	5.1069	.107	2.14	1.8594	.007	1
S5	10.000	9.7119	-.288	-2.88	3.5332	.016	1



Mo 202.030 {467}

Date of Fit: 7/18/2017 15:12:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000120

Re-Slope: 1.000000

A1 (Gain): 0.589542

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999841

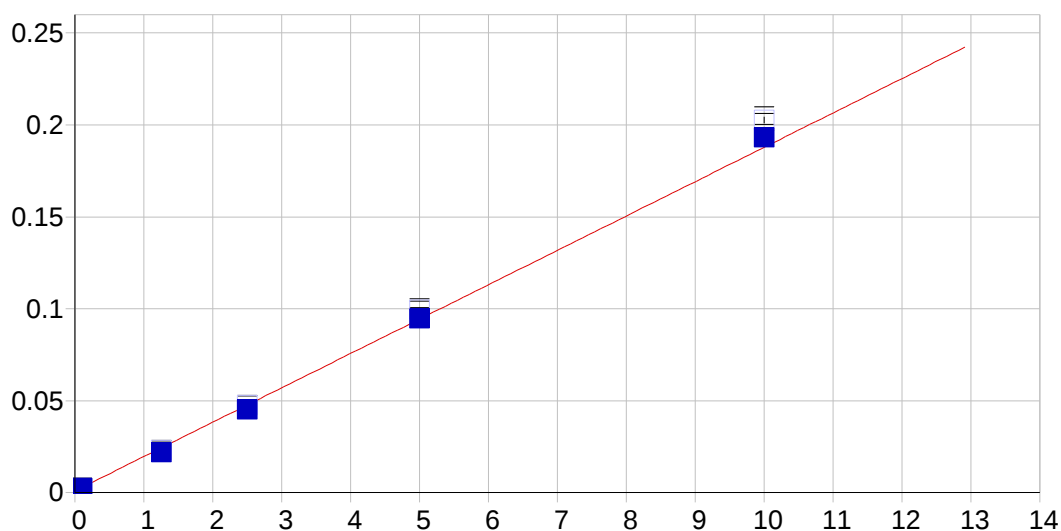
Status: OK.

Std Error of Est: 0.000176

Predicted MDL: 0.000350

Predicted MQL: 0.001166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.01099	.001	9.90	.00661	.000	1
S2	1.2500	1.2868	.037	2.94	.75939	.002	1
S3	2.5000	2.5629	.063	2.52	1.5124	.003	1
S4	5.0000	5.0583	.058	1.17	2.9849	.001	1
S5	10.000	9.8411	-.159	-1.59	5.8072	.009	1



S 182.034 {485}

Date of Fit: 7/18/2017 15:12:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000858

Re-Slope: 1.000000

A1 (Gain): 0.018697

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999081

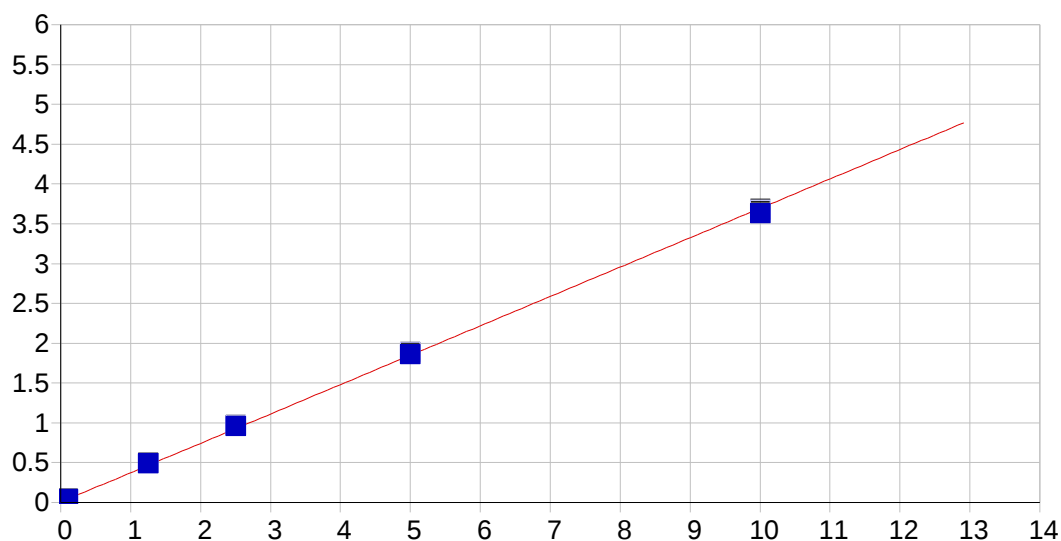
Status: OK.

Std Error of Est: 0.000045

Predicted MDL: 0.004397

Predicted MQL: 0.014656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00086	.000	1
S1	.10000	.07413	-.026	-25.9	.00225	.000	1
S2	1.2500	1.1126	-.137	-11.0	.02285	.000	1
S3	2.5000	2.3583	-.142	-5.67	.04733	.000	1
S4	5.0000	5.0137	.014	.273	.09935	.001	1
S5	10.000	10.290	.290	2.90	.20275	.002	1



Si 251.611 {134}

Date of Fit: 7/18/2017 15:12:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004660

Re-Slope: 1.000000

A1 (Gain): 0.368948

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999753

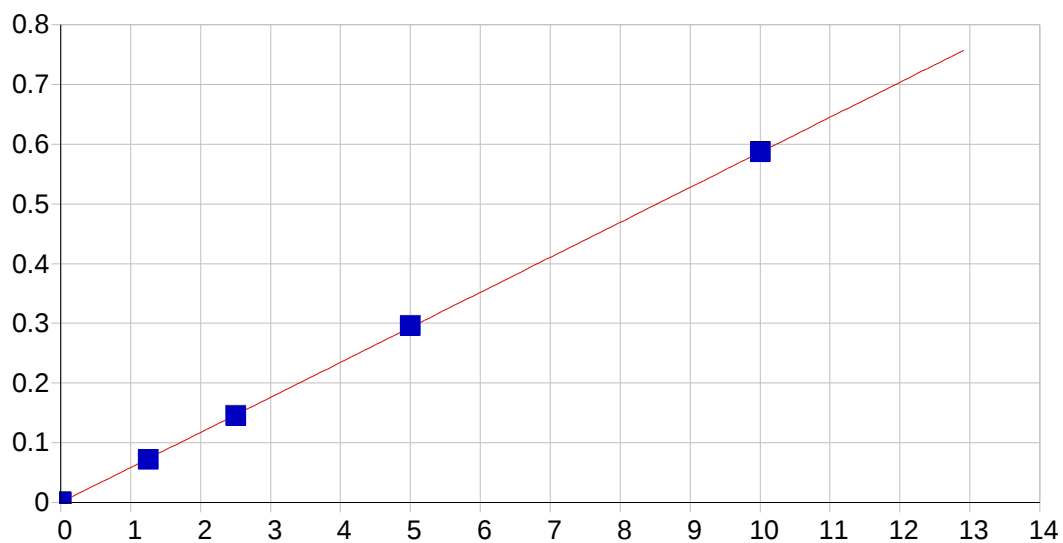
Status: OK.

Std Error of Est: 0.000441

Predicted MDL: 0.000900

Predicted MQL: 0.003000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00466	.000	1
S1	.10000	.09841	-.002	-1.59	.04110	.000	1
S2	1.2500	1.3125	.063	5.00	.49434	.000	1
S3	2.5000	2.5846	.085	3.38	.96909	.003	1
S4	5.0000	5.0356	.036	.713	1.8843	.005	1
S5	10.000	9.8189	-.181	-1.81	3.6707	.012	1

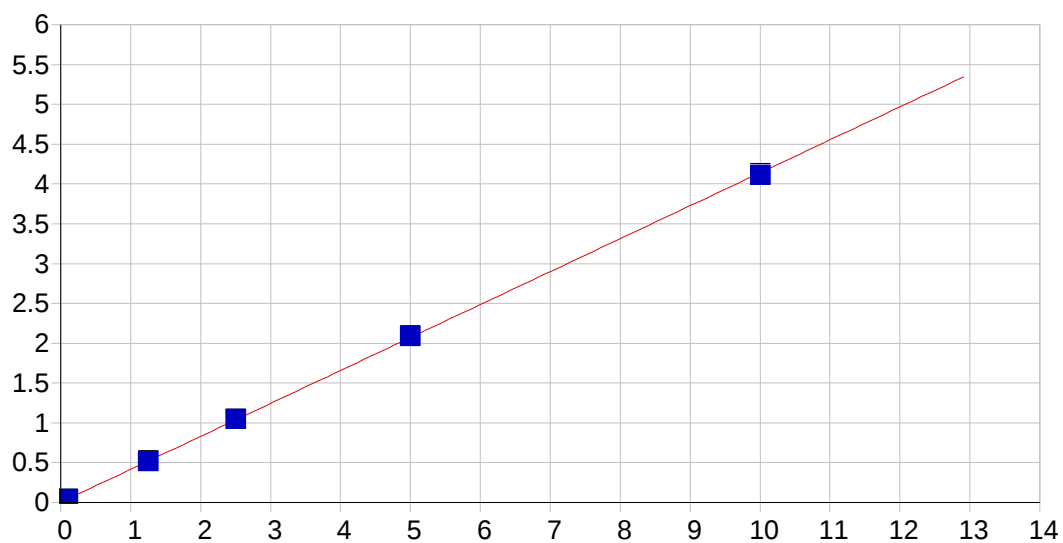


Sn 189.989 {478}

Date of Fit: 7/18/2017 15:12:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.058625 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001378
 Predicted MQL: 0.004592

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00700	.00692	.000	-1.16	.00044	.000	1
S2	1.2500	1.2167	-.033	-2.66	.07131	.000	1
S3	2.5000	2.4772	-.023	-.910	.14515	.000	1
S4	5.0000	5.0505	.050	1.01	.29589	.000	1
S5	10.000	10.006	.006	.056	.58616	.001	1

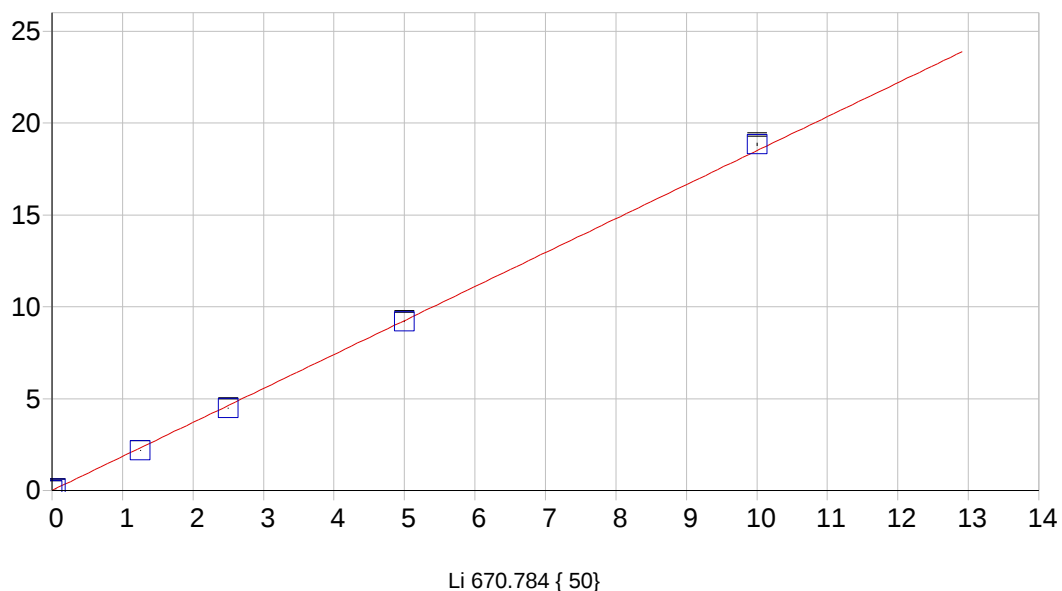


Ti 336.121 {100}

Date of Fit: 7/18/2017 15:12:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002024 Re-Slope: 1.000000
 A1 (Gain): 0.413840 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.000872
 Predicted MQL: 0.002906

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00202	.000	1
S1	.10000	.10092	.001	.916	.04378	.001	1
S2	1.2500	1.2505	.001	.041	.51936	.002	1
S3	2.5000	2.5178	.018	.711	1.0436	.002	1
S4	5.0000	5.0407	.041	.814	2.0874	.003	1
S5	10.000	9.9401	-.060	-.599	4.1142	.017	1



Date of Fit: 7/18/2017 15:12:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006170 Re-Slope: 1.000000
 A1 (Gain): 1.848547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.001701
 Predicted MDL: 0.000592
 Predicted MQL: 0.001974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00618	.001	1
S5	10.000	10.186	.186	1.86	18.835	.091	1
S4	5.0000	4.9783	-.022	-.433	9.2089	.046	1
S3	2.5000	2.4152	-.085	-3.39	4.4707	.026	1
S2	1.2500	1.1731	-.077	-6.15	2.1747	.009	1
S1	.05000	.04736	-.003	-5.29	.09371	.001	1



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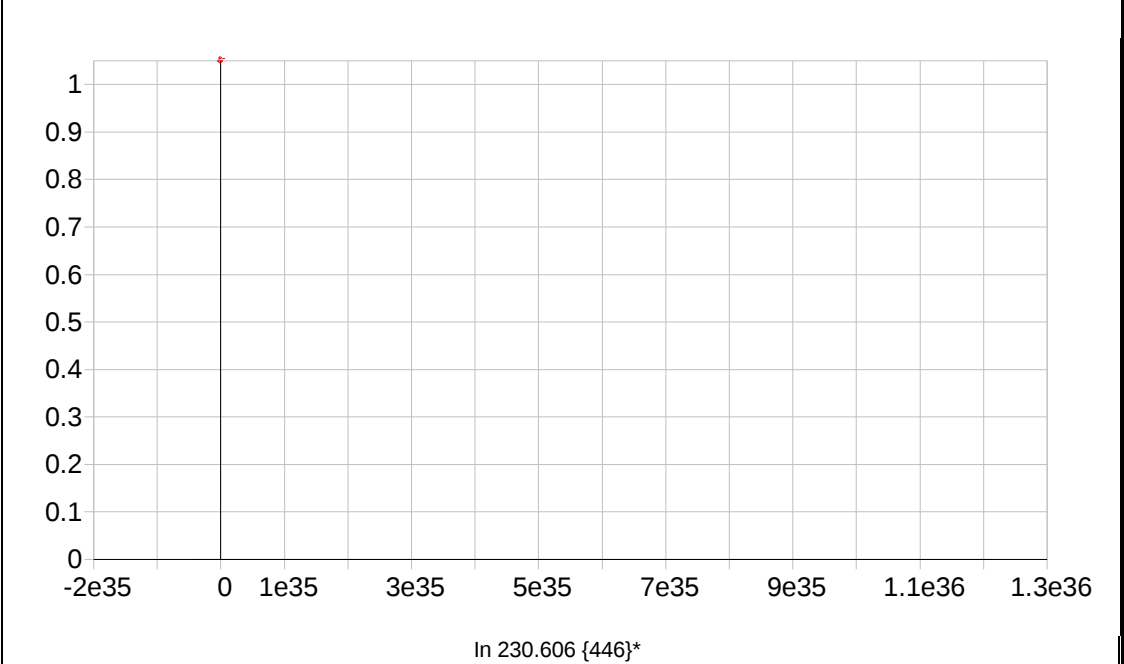




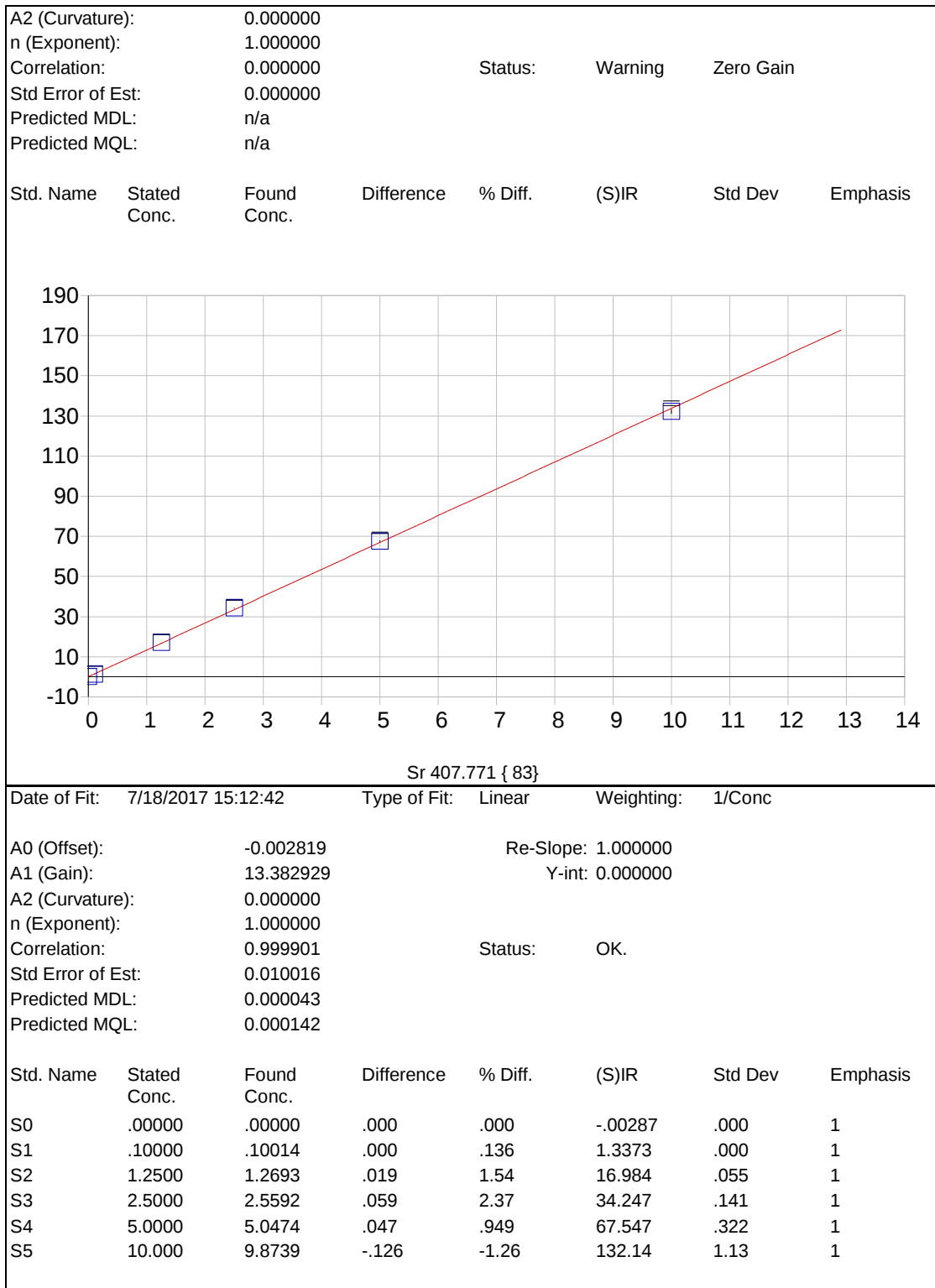


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 7/18/2017 14:48:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	-.00018	-.00022	.00022	.00019	-.00008	.00068	-.02266	-.00200
Stddev	.00016	.00001	.00014	.00003	.00011	.00048	.00014	.00026
%RSD	87.642	5.6634	61.744	13.191	145.41	70.150	.62751	12.958

#1	-.00026	-.00021	.00028	.00017	-.00003	.00047	-.02251	-.00180
#2	-.00028	-.00023	.00032	.00018	-.00020	.00035	-.02269	-.00229
#3	.00000	-.00023	.00006	.00022	.00001	.00123	-.02279	-.00190

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	-.00051	.00119	.00016	-.00024	.00168	.00008	-.00007	-.00019
Stddev	.00014	.00041	.00002	.00009	.00024	.00011	.00016	.00013
%RSD	26.727	34.717	13.112	35.291	14.013	128.72	241.25	70.186

#1	-.00055	.00080	.00017	-.00028	.00188	.00018	.00010	-.00019
#2	-.00062	.00162	.00018	-.00014	.00175	.00012	-.00008	-.00006
#3	-.00036	.00116	.00014	-.00030	.00142	-.00004	-.00023	-.00033

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	-.00071	-.00029	-.00418	-.00010	-.00098	.01588	-.00082	.00071
Stddev	.00009	.00006	.00078	.00021	.00088	.00031	.00004	.00010
%RSD	12.621	18.772	18.772	208.40	90.058	1.9249	4.5379	14.137

#1	-.00068	-.00031	-.00418	.00003	-.00199	.01603	-.00085	.00076
#2	-.00082	-.00034	-.00339	-.00034	-.00033	.01607	-.00078	.00077
#3	-.00065	-.00023	-.00496	.00001	-.00062	.01552	-.00082	.00059

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	.00012	.00086	.00466	.00004	.00202	.00618	-.00287	
Stddev	.00011	.00008	.00021	.00003	.00012	.00059	.00012	
%RSD	96.412	9.7889	4.4667	74.813	6.1055	9.5800	4.1337	

#1	.00024	.00089	.00484	.00006	.00198	.00657	-.00274	
#2	.00001	.00093	.00470	.00001	.00193	.00648	-.00298	
#3	.00011	.00076	.00443	.00004	.00216	.00550	-.00288	

Sample Name: S0 Acquired: 7/18/2017 14:48:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	1122.1	1991.2	44589.	6561.2	3884.6
Stddev	3.1	6.8	63.	14.6	9.5
%RSD	.27910	.34106	.14173	.22211	.24506
#1	1118.6	1998.7	44537.	6551.1	3893.1
#2	1123.2	1989.3	44571.	6577.9	3886.3
#3	1124.5	1985.5	44659.	6554.6	3874.3

Sample Name: S1 Acquired: 7/18/2017 14:52:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	.00021	.00134	.00169	.00280	.01089	.01821	.84228	.01378
Stddev	.00011	.00008	.00013	.00013	.00019	.00003	.00407	.00021
%RSD	52.837	6.1074	7.7712	4.7334	1.7671	.16290	.48267	1.5404

#1	.00013	.00139	.00183	.00279	.01099	.01817	.84695	.01397
#2	.00017	.00125	.00157	.00293	.01067	.01823	.83959	.01355
#3	.00033	.00139	.00168	.00267	.01101	.01823	.84029	.01381

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	.00659	.20401	.00102	.02855	.00723	.00152	.00438	.02904
Stddev	.00013	.00133	.00001	.00024	.00036	.00015	.00023	.00011
%RSD	2.0488	.65069	1.1945	.83239	4.9458	9.6501	5.2833	.39087

#1	.00657	.20366	.00104	.02879	.00738	.00168	.00449	.02917
#2	.00646	.20548	.00102	.02855	.00748	.00150	.00453	.02901
#3	.00673	.20289	.00101	.02831	.00682	.00139	.00411	.02894

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	.01645	.00247	.04542	.00338	.00330	.16065	-.00039	.00494
Stddev	.00007	.00005	.00071	.00004	.00137	.00060	.00010	.00023
%RSD	.42601	1.9819	1.5657	1.2289	41.398	.37485	26.070	4.7025

#1	.01652	.00247	.04552	.00337	.00185	.16132	-.00028	.00504
#2	.01638	.00242	.04608	.00334	.00456	.16015	-.00044	.00511
#3	.01644	.00252	.04467	.00342	.00350	.16048	-.00046	.00468

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	.00661	.00225	.04110	.00044	.04378	.09371	1.3373	
Stddev	.00026	.00008	.00012	.00005	.00058	.00131	.0004	
%RSD	3.8567	3.5474	.28081	11.591	1.3249	1.3991	.03168	

#1	.00684	.00234	.04100	.00047	.04334	.09522	1.3378	
#2	.00634	.00221	.04107	.00038	.04443	.09297	1.3369	
#3	.00666	.00219	.04123	.00047	.04355	.09294	1.3372	

Sample Name: S1 Acquired: 7/18/2017 14:52:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	1099.2	1967.6	43645.	6543.0	3749.7
Stddev	2.8	13.9	90.	19.7	17.3
%RSD	.25563	.70775	.20540	.30047	.46197
#1	1096.3	1951.7	43550.	6530.7	3732.5
#2	1101.9	1977.4	43728.	6532.6	3749.4
#3	1099.3	1973.7	43656.	6565.7	3767.1

Sample Name: S2 Acquired: 7/18/2017 14:56:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	.05587	.07362	.89561	.08451	.22174	3.2826	11.857	.40106
Stddev	.00028	.00018	.00075	.00052	.00094	.0040	.029	.00098
%RSD	.50448	.24730	.08397	.61038	.42497	.12295	.24539	.24327

#1	.05597	.07380	.89618	.08407	.22069	3.2869	11.889	.40026
#2	.05555	.07363	.89476	.08438	.22200	3.2820	11.851	.40077
#3	.05609	.07344	.89590	.08508	.22252	3.2789	11.832	.40215

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	.81961	2.5303	.35010	.40776	.79243	.49892	1.0589	.35841
Stddev	.00420	.0049	.00111	.00128	.00205	.00161	.0031	.00169
%RSD	.51250	.19350	.31693	.31459	.25904	.32197	.28926	.47096

#1	.82272	2.5356	.34900	.40801	.79479	.50077	1.0620	.36034
#2	.81483	2.5260	.35010	.40637	.79133	.49781	1.0587	.35768
#3	.82127	2.5292	.35121	.40890	.79115	.49819	1.0559	.35721

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	.29683	.08924	.36147	.04541	.27925	1.1075	.03783	.47774
Stddev	.00068	.00045	.00218	.00032	.00237	.0034	.00012	.00214
%RSD	.22912	.50310	.60375	.69766	.84908	.30585	.31006	.44795

#1	.29727	.08898	.36209	.04504	.28128	1.1106	.03797	.47937
#2	.29605	.08898	.35904	.04559	.27982	1.1080	.03775	.47853
#3	.29719	.08976	.36327	.04559	.27664	1.1039	.03778	.47532

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	.75939	.02285	.49434	.07131	.51936	2.1747	16.984	
Stddev	.00221	.00011	.00036	.00006	.00168	.0085	.055	
%RSD	.29160	.48479	.07277	.08886	.32424	.39252	.32203	

#1	.75757	.02276	.49436	.07126	.52126	2.1845	17.030	
#2	.75875	.02297	.49469	.07138	.51805	2.1709	16.998	
#3	.76185	.02282	.49397	.07130	.51878	2.1688	16.924	

Sample Name: S2 Acquired: 7/18/2017 14:56:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	1031.0	1835.4	41121.	6341.1	3198.0
Stddev	9.1	9.7	65.	24.0	9.9
%RSD	.87826	.52695	.15810	.37794	.30911
#1	1023.4	1844.9	41048.	6315.5	3204.6
#2	1028.5	1835.7	41144.	6344.8	3202.7
#3	1041.0	1825.5	41172.	6362.9	3186.6

Sample Name: S3 Acquired: 7/18/2017 15:00:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	.11399	.14452	1.8017	.17122	.45232	6.7220	24.161	.80984
Stddev	.00044	.00036	.0033	.00063	.00159	.0156	.087	.00492
%RSD	.38792	.24990	.18123	.36678	.35099	.23152	.36181	.60810

#1	.11411	.14411	1.7995	.17050	.45229	6.7227	24.132	.81061
#2	.11350	.14474	1.8002	.17152	.45393	6.7061	24.092	.80457
#3	.11435	.14473	1.8054	.17165	.45075	6.7372	24.259	.81432

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	1.6601	5.1331	.68731	.83270	1.6144	.99636	2.1188	.73447
Stddev	.0057	.0236	.00095	.00125	.0035	.00275	.0095	.00131
%RSD	.34404	.45937	.13775	.15012	.21883	.27597	.44768	.17815

#1	1.6643	5.1561	.68771	.83138	1.6112	.99764	2.1251	.73563
#2	1.6536	5.1090	.68623	.83285	1.6139	.99320	2.1078	.73305
#3	1.6624	5.1342	.68799	.83386	1.6182	.99824	2.1233	.73474

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	.60099	.18349	.74302	.09154	.57282	2.2699	.08094	.95439
Stddev	.00198	.00050	.00405	.00061	.00282	.0035	.00061	.00257
%RSD	.33001	.27140	.54474	.67096	.49278	.15286	.75650	.26878

#1	.59937	.18350	.74323	.09108	.57262	2.2675	.08027	.95376
#2	.60040	.18299	.73888	.09130	.57010	2.2683	.08110	.95220
#3	.60320	.18399	.74696	.09224	.57573	2.2739	.08146	.95721

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	1.5124	.04733	.96909	.14515	1.0436	4.4707	34.247	
Stddev	.0026	.00014	.00281	.00036	.0020	.0261	.141	
%RSD	.17088	.29732	.28973	.24754	.19083	.58265	.41292	

#1	1.5095	.04730	.96991	.14485	1.0449	4.4578	34.239	
#2	1.5131	.04720	.96596	.14505	1.0413	4.4537	34.109	
#3	1.5145	.04748	.97139	.14555	1.0447	4.5007	34.392	

Sample Name: S3 Acquired: 7/18/2017 15:00:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	985.33	1752.9	39685.	6196.8	2943.7
Stddev	2.54	8.7	9.	25.9	12.0
%RSD	.25778	.49879	.02384	.41776	.40602
#1	988.25	1758.6	39680.	6184.0	2951.4
#2	984.14	1742.9	39696.	6226.6	2929.9
#3	983.60	1757.3	39680.	6179.8	2949.7

Sample Name: S4 Acquired: 7/18/2017 15:04:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	.23333	.28189	3.5890	.34215	.92604	13.837	48.004	1.6187
Stddev	.00040	.00112	.0072	.00136	.00204	.033	.029	.0065
%RSD	.17276	.39573	.20103	.39754	.22011	.23952	.06037	.40096

#1	.23290	.28107	3.5848	.34167	.92544	13.839	47.983	1.6206
#2	.23371	.28316	3.5974	.34369	.92438	13.868	47.991	1.6241
#3	.23338	.28143	3.5850	.34110	.92832	13.802	48.037	1.6115

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	3.3444	10.368	1.3303	1.6892	3.2694	1.9642	4.1765	1.4896
Stddev	.0049	.010	.0020	.0020	.0119	.0016	.0058	.0022
%RSD	.14755	.10091	.15039	.11951	.36393	.08161	.13909	.14544

#1	3.3396	10.367	1.3294	1.6884	3.2688	1.9640	4.1821	1.4902
#2	3.3494	10.358	1.3326	1.6914	3.2816	1.9627	4.1705	1.4914
#3	3.3441	10.379	1.3288	1.6876	3.2579	1.9659	4.1769	1.4872

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	1.2107	.38511	1.5120	.18169	1.2075	4.6506	.17279	1.8594
Stddev	.0014	.00038	.0034	.00055	.0077	.0237	.00060	.0066
%RSD	.11822	.09756	.22302	.30175	.64176	.50958	.34740	.35435

#1	1.2098	.38470	1.5113	.18196	1.1996	4.6547	.17214	1.8589
#2	1.2124	.38520	1.5156	.18206	1.2076	4.6720	.17332	1.8663
#3	1.2101	.38543	1.5090	.18106	1.2151	4.6251	.17291	1.8531

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	2.9849	.09935	1.8843	.29589	2.0874	9.2089	67.547	
Stddev	.0011	.00059	.0054	.00020	.0035	.0462	.322	
%RSD	.03816	.59279	.28545	.06905	.16731	.50151	.47609	

#1	2.9844	.09915	1.8898	.29570	2.0892	9.2082	67.183	
#2	2.9840	.10001	1.8840	.29610	2.0896	9.2553	67.664	
#3	2.9862	.09889	1.8790	.29587	2.0833	9.1630	67.794	

Sample Name: S4 Acquired: 7/18/2017 15:04:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	920.04	1652.1	37918.	6077.8	2653.5
Stddev	4.68	4.6	75.	11.5	8.5
%RSD	.50826	.27775	.19810	.18859	.32144
#1	925.44	1647.4	37956.	6072.9	2649.0
#2	917.41	1652.2	37967.	6069.7	2648.1
#3	917.27	1656.6	37832.	6090.9	2663.3

Sample Name: S5 Acquired: 7/18/2017 15:08:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	.47839	.53090	7.0482	.68471	1.9136	28.439	95.135	3.2582
Stddev	.00090	.00473	.0310	.00320	.0032	.080	.868	.0126
%RSD	.18847	.89125	.43922	.46679	.16573	.28175	.91188	.38597

#1	.47940	.53636	7.0176	.68822	1.9144	28.508	96.096	3.2616
#2	.47768	.52812	7.0475	.68394	1.9101	28.351	94.897	3.2443
#3	.47809	.52821	7.0795	.68196	1.9163	28.457	94.411	3.2687

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	6.5901	20.611	2.5401	3.3587	6.6707	3.8021	8.0889	2.9433
Stddev	.0438	.120	.0050	.0141	.0225	.0164	.0446	.0117
%RSD	.66493	.58344	.19611	.41977	.33648	.43032	.55119	.39602

#1	6.5455	20.674	2.5351	3.3445	6.6965	3.8092	8.1174	2.9480
#2	6.5918	20.472	2.5403	3.3590	6.6556	3.7834	8.0375	2.9300
#3	6.6331	20.686	2.5450	3.3727	6.6601	3.8137	8.1117	2.9519

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	2.3720	.81582	3.0509	.35727	2.5139	9.5490	.35536	3.5332
Stddev	.0139	.00272	.0161	.00218	.0175	.0261	.00609	.0160
%RSD	.58473	.33378	.52788	.61054	.69569	.27333	1.7141	.45269

#1	2.3578	.81705	3.0667	.35771	2.5206	9.5788	.36239	3.5381
#2	2.3727	.81270	3.0345	.35490	2.4941	9.5306	.35165	3.5154
#3	2.3856	.81771	3.0514	.35920	2.5271	9.5375	.35205	3.5462

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.8072	.20275	3.6707	.58616	4.1142	18.835	132.14	
Stddev	.0088	.00172	.0117	.00147	.0172	.091	1.13	
%RSD	.15116	.84908	.31884	.25122	.41865	.48296	.85194	

#1	5.8158	.20474	3.6788	.58646	4.1259	18.935	132.39	
#2	5.7982	.20183	3.6573	.58456	4.0944	18.816	130.91	
#3	5.8076	.20169	3.6761	.58745	4.1223	18.756	133.12	

Sample Name: S5 Acquired: 7/18/2017 15:08:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	838.13	1515.2	35842.	5894.7	2327.6
Stddev	5.43	7.3	69.	21.5	7.5
%RSD	.64799	.48233	.19142	.36554	.32094
#1	833.13	1506.9	35767.	5876.0	2321.3
#2	843.91	1520.7	35901.	5918.3	2335.9
#3	837.36	1518.0	35858.	5889.8	2325.7

Sample Name: S6 Acquired: 7/18/2017 15:12:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	71.321	32.002	9.5744	4.4385	7.9538
Stddev	.302	.073	.0162	.0073	.0255
%RSD	.42328	.22672	.16952	.16470	.32031

#1	71.078	31.937	9.5646	4.4377	7.9832
#2	71.659	32.080	9.5931	4.4462	7.9385
#3	71.226	31.988	9.5655	4.4316	7.9398

Int. Std.	Y_3710
Units	Cts/S
Avg	5736.7
Stddev	14.3
%RSD	.24877

#1	5735.6
#2	5723.0
#3	5751.5

Sample Name: ICV Acquired: 7/18/2017 15:24:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	.9505678	1.101394	.9944835	.9741812	.9276199	2.288138
Stddev	.0023539	.002740	.0049979	.0035889	.0050628	.012763
%RSD	.2476340	.2487984	.5025599	.3684010	.5457806	.5577914

#1	.9478739	1.100999	.9929688	.9735777	.9246711	2.297350
#2	.9522282	1.098873	.9904181	.9709323	.9247229	2.293496
#3	.9516013	1.104310	1.000063	.9780335	.9334658	2.273570

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4674557	F .4298365	.4676677	9.858083	.5292399	F .4156827
Stddev	.0029579	.0004828	.0016261	.017151	.0006122	.0011439
%RSD	.6327731	.1123180	.3477085	.1739827	.1156752	.2751883

#1	.4682019	.4303572	.4657977	9.876234	.5289073	.4144023
#2	.4699691	.4297485	.4684569	9.855867	.5288660	.4160419
#3	.4641961	.4294038	.4687487	9.842147	.5299464	.4166040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4762672	5.419526	.5139372	5.787888	F .4275420	.4729995
Stddev	.0022888	.009496	.0012425	.117383	.0017484	.0013972
%RSD	.4805765	.1752262	.2417572	2.028082	.4089486	.2953888

#1	.4779686	5.423738	.5134632	5.843294	.4267465	.4741013
#2	.4771679	5.408652	.5153469	5.867312	.4263327	.4734692
#3	.4736650	5.426188	.5130015	5.653056	.4295467	.4714280

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.476331	F .4272380	F .8735057	F 8.896251	F .2047245	F 2.265050
Stddev	.106416	.0068797	.0109663	.032625	.0033693	.003502
%RSD	1.122970	1.610265	1.255430	.3667321	1.645771	.1546212

#1	9.364753	.4351784	.8659644	8.926006	.2078090	2.262961
#2	9.576698	.4234711	.8860858	8.901384	.2011288	2.269094
#3	9.487542	.4230643	.8684671	8.861364	.2052356	2.263096

Sample Name: ICV Acquired: 7/18/2017 15:24:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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 2.114580	.1543968	1.962781	F 1.835544	2.010156	.2293788
Stddev	.004704	.0070721	.003691	.002816	.010233	.0014587
%RSD	.2224673	4.580459	.1880670	.1534203	.5090893	.6359528
#1	2.110065	.1549716	1.962517	1.832779	2.010535	.2297926
#2	2.114221	.1611640	1.959228	1.835443	2.020194	.2305859
#3	2.119453	.1470549	1.966597	1.838409	1.999738	.2277578

Elem	Sr4077
Units	ppm
Avg	.2679902
Stddev	.0004333
%RSD	.1616900
#1	.2682384
#2	.2682423
#3	.2674898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.032	1923.771	42901.10	6423.480	3624.239
Stddev	6.224	4.649	175.38	23.913	4.693
%RSD	.5789779	.2416710	.4087947	.3722710	.1294918
#1	1072.932	1920.011	42747.68	6400.116	3619.376
#2	1070.129	1928.970	42863.35	6422.417	3628.742
#3	1082.034	1922.334	43092.28	6447.906	3624.600

Sample Name: ICB Acquired: 7/18/2017 15:27:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000175	-.000179	-.000047	.0003209	-.000066	.0048726
Stddev	.001001	.001020	.001127	.0016627	.001205	.0038821
%RSD	572.1381	571.1636	2421.027	518.1227	1836.360	79.67203

#1	-.000266	-.001227	.001093	.0014029	-.001179	.0039371
#2	.000868	-.000119	-.000072	.0011534	.001213	.0091369
#3	-.001127	.000811	-.001161	-.001594	-.000231	.0015438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000321	.0000907	.0000158	.0032644	-.001548	-.000006
Stddev	.000190	.0000227	.0001869	.0074769	.000163	.000166
%RSD	59.22680	25.02696	1183.575	229.0410	10.49809	2732.339

#1	-.000140	.0000687	-.000185	.0005426	-.001402	.000185
#2	-.000304	.0000894	.000185	.0117209	-.001520	-.000115
#3	-.000520	.0001141	.000047	-.002470	-.001723	-.000089

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	.0073495	.0000374	-.004809	.0004767	.0000850
Stddev	.000801	.0042462	.0004496	.030603	.0000604	.0001718
%RSD	1185.819	57.77510	1201.665	636.3569	12.66642	202.0543

#1	-.000494	.0025592	.0004241	.030493	.0004424	-.000108
#2	.000857	.0088390	-.000456	-.023825	.0005464	.000221
#3	-.000565	.0106501	.000144	-.021095	.0004413	.000142

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042275	.0005438	.0088940	-.042906	-.000087	F .0119391
Stddev	.017632	.0020408	.0044364	.019527	.001317	.0005254
%RSD	41.70728	375.2815	49.88146	45.51102	1521.944	4.400658

#1	-.058797	.0027579	.0107418	-.061146	-.001018	.0119258
#2	-.044316	-.001262	.0038323	-.045265	.001420	.0124709
#3	-.023711	.000135	.0121078	-.022306	-.000662	.0114204

Sample Name: ICB Acquired: 7/18/2017 15:27:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002283	-.027388	.0008359	.0011235	.0009372	-.001875
Stddev	.0000724	.000291	.0002665	.0001602	.0005204	.000468
%RSD	31.72373	1.063067	31.87644	14.25674	55.52642	24.97541

#1	.0002923	-.027080	.0009036	.0011776	.0007615	-.002247
#2	.0002429	-.027423	.0005422	.0009433	.0015227	-.001349
#3	.0001497	-.027659	.0010620	.0012497	.0005274	-.002028

Elem	Sr4077
Units	ppm
Avg	-.000018
Stddev	.000028
%RSD	156.2039

#1	-.000036
#2	.000014
#3	-.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1120.638	1995.707	44475.43	6512.687	3902.398
Stddev	5.349	10.063	129.33	4.880	5.745
%RSD	.4773011	.5042298	.2907923	.0749248	.1472119

#1	1126.725	1991.408	44522.15	6508.680	3900.640
#2	1116.690	2007.206	44329.23	6518.121	3908.817
#3	1118.499	1988.508	44574.90	6511.259	3897.738

Sample Name: ICSA Acquired: 7/18/2017 15:32:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	-.000540	-.013026	-.000275	-.006999	.0009038	245.3935
Stddev	.003409	.000384	.000911	.003704	.0011726	.1811
%RSD	631.6612	2.951493	331.3976	52.91335	129.7433	.0738047

#1	.003347	-.012919	-.000808	-.003727	.0010743	245.4679
#2	-.003020	-.012706	-.000793	-.006251	-.000345	245.5256
#3	-.001946	-.013453	.000777	-.011020	.001982	245.1870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052269	.0011033	.0000810	248.8999	.0466545	.0013203
Stddev	.0001610	.0001115	.0001133	.2362	.0006243	.0002991
%RSD	3.080816	10.10892	139.8492	.0949029	1.338127	22.65758

#1	.0053887	.0010444	-.000009	249.1655	.0459905	.0015520
#2	.0050666	.0012319	.000208	248.8207	.0467434	.0009826
#3	.0052255	.0010335	.000044	248.7135	.0472296	.0014261

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222691	106.3067	.0144629	261.1206	.0025656	.0002172
Stddev	.0021332	.2877	.0003416	.1546	.0006637	.0001796
%RSD	9.579357	.2705893	2.362149	.0592152	25.86760	82.71377

#1	.0241933	106.6388	.0147269	261.2221	.0020671	.0000661
#2	.0226388	106.1438	.0140770	260.9426	.0033189	.0001696
#3	.0199752	106.1374	.0145846	261.1971	.0023108	.0004158

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3460463	.0013396	.0077606	-.087386	-.014797	F -.254435
Stddev	.1039089	.0026913	.0119520	.011367	.003119	.001822
%RSD	30.02747	200.9117	154.0080	13.00771	21.08105	.7160918

#1	.2943571	.0044453	-.004720	-.076520	-.018386	-.256515
#2	.4656631	-.000118	.019102	-.086443	-.013272	-.253123
#3	.2781186	-.000309	.008900	-.099195	-.012734	-.253667

Sample Name: ICSA Acquired: 7/18/2017 15:32:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	-.000053	-.017112	-.003488	.0003267	.0002501	-.000270
Stddev	.001180	.006062	.000666	.0021166	.0004380	.000232
%RSD	2242.319	35.42765	19.08611	647.8661	175.1293	86.08766

#1	.001301	-.023636	-.002994	.0025922	-.000255	-.000523
#2	-.000865	-.011654	-.004246	-.000012	.000490	-.000066
#3	-.000594	-.016044	-.003225	-.001600	.000516	-.000221

Elem	Sr4077
Units	ppm
Avg	.0953267
Stddev	.0001409
%RSD	.1477554

#1	.0954892
#2	.0952411
#3	.0952496

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.2148	1780.830	39433.36	6122.708	2924.762
Stddev	6.0767	4.227	159.40	22.992	7.328
%RSD	.6093674	.2373880	.4042388	.3755150	.2505375

#1	990.7345	1776.666	39275.95	6096.497	2916.386
#2	998.1246	1785.119	39429.46	6139.468	2927.913
#3	1002.785	1780.706	39594.69	6132.160	2929.987

Sample Name: ICSAB Acquired: 7/18/2017 15:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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	.0932443	.0997181	.0493511	.0443575	.5565610	241.8551
Stddev	.0028685	.0015867	.0027063	.0045507	.0001873	.1715
%RSD	3.076352	1.591159	5.483792	10.25910	.0336564	.0708964

#1	.0930753	.0993523	.0493979	.0427862	.5567515	242.0517
#2	.0961936	.0983462	.0466217	.0494856	.5563770	241.7774
#3	.0904640	.1014557	.0520337	.0408006	.5565544	241.7363

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4549230	.4426650	.9709837	246.8668	.5478622	.4287777
Stddev	.0009028	.0017515	.0019965	.9930	.0009252	.0016409
%RSD	.1984569	.3956672	.2056129	.4022517	.1688815	.3826926

#1	.4559428	.4438292	.9687447	247.4404	.5472613	.4271655
#2	.4546006	.4435151	.9716275	245.7201	.5473977	.4287217
#3	.4542256	.4406507	.9725788	247.4398	.5489277	.4304458

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5075429	105.0957	.5259585	258.0711	.8618174	.1727804
Stddev	.0028046	.3368	.0006723	.3883	.0040315	.0005071
%RSD	.5525899	.3204972	.1278256	.1504763	.4677881	.2935149

#1	.5072685	105.3834	.5265374	258.3757	.8573227	.1729104
#2	.5104747	104.7252	.5261170	257.6338	.8630154	.1732099
#3	.5048856	105.1786	.5252211	258.2039	.8651141	.1722209

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2261397	.4428741	.9603540	-.130836	-.026333	F .8535161
Stddev	.1003950	.0018688	.0087527	.009652	.003376	.0024477
%RSD	44.39511	.4219719	.9113992	7.377457	12.82108	.2867787

#1	.1102241	.4407667	.9697507	-.140839	-.029840	.8535774
#2	.2827480	.4443296	.9524330	-.121577	-.023105	.8559326
#3	.2854471	.4435261	.9588783	-.130092	-.026053	.8510384

Sample Name: ICSAB Acquired: 7/18/2017 15:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) 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 .9968079	-.021165	.9252018	F .9770485	1.006649	-.000211
Stddev	.0049675	.005169	.0061128	.0069996	.003730	.000192
%RSD	.4983446	24.42348	.6607035	.7164008	.3705264	91.07656

#1	.9921811	-.023303	.9298399	.9726443	1.007035	-.000292
#2	.9961851	-.015269	.9274906	.9733815	1.010171	.000009
#3	1.002057	-.024921	.9182748	.9851197	1.002741	-.000348

Elem	Sr4077
Units	ppm
Avg	.0941067
Stddev	.0003083
%RSD	.3276520

#1	.0944563
#2	.0938736
#3	.0939902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	985.1888	1757.898	39102.76	6064.635	2898.576
Stddev	2.5939	3.502	25.65	28.774	2.954
%RSD	.2632867	.1992130	.0656084	.4744536	.1018991

#1	986.8642	1759.515	39073.94	6035.708	2900.516
#2	986.5011	1760.299	39123.11	6064.943	2900.035
#3	982.2010	1753.879	39111.23	6093.253	2895.177

Sample Name: CCV095 Acquired: 7/18/2017 15:41:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.704313	4.545241	23.04817	4.607028	4.702704	409.5170
Stddev	.036255	.005109	.04756	.035915	.037073	.2783
%RSD	.7706831	.1123971	.2063439	.7795784	.7883431	.0679666

#1	4.686157	4.550187	23.02622	4.595337	4.685779	409.5935
#2	4.680723	4.545554	23.01555	4.578415	4.677113	409.7490
#3	4.746059	4.539984	23.10274	4.647332	4.745219	409.2084

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.503990	.4794934	2.385935	404.2399	14.49705	2.379954
Stddev	.032456	.0005258	.004417	1.0185	.04460	.005675
%RSD	.3415001	.1096659	.1851172	.2519467	.3076733	.2384541

#1	9.510207	.4793474	2.384167	403.1023	14.44936	2.375612
#2	9.468875	.4790560	2.390962	405.0669	14.50405	2.377873
#3	9.532888	.4800768	2.382676	404.5505	14.53774	2.386375

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.53072	414.7533	14.14535	406.0347	2.370236	1.233401
Stddev	.02950	.3524	.01619	.3967	.001507	.000786
%RSD	.2029922	.0849701	.1144739	.0977105	.0635822	.0637425

#1	14.55026	414.9680	14.13604	406.0394	2.368608	1.232496
#2	14.54511	414.9452	14.16405	406.4290	2.370518	1.233917
#3	14.49679	414.3465	14.13597	405.6355	2.371582	1.233790

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.7763	2.354792	14.51828	145.3896	4.877104	F 3.940320
Stddev	.8069	.005228	.07688	.3310	.011722	.003125
%RSD	.1988471	.2220030	.5295074	.2276515	.2403447	.0793087

#1	405.9274	2.349314	14.58663	145.7622	4.881817	3.943805
#2	406.4969	2.359727	14.43505	145.1297	4.863759	3.939388
#3	404.9045	2.355336	14.53317	145.2769	4.885735	3.937767

Sample Name: CCV095 Acquired: 7/18/2017 15:41:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.641930	4.807090	4.669236	4.717410	4.728753	4.814899
Stddev	.011920	.002197	.011370	.008497	.010195	.010091
%RSD	.2567950	.0457042	.2435080	.1801291	.2155972	.2095725

#1	4.635678	4.807909	4.679885	4.710802	4.731608	4.825800
#2	4.634436	4.804601	4.657261	4.714432	4.737216	4.813012
#3	4.655675	4.808759	4.670561	4.726995	4.717434	4.805885

Elem	Sr4077
Units	ppm
Avg	4.797768
Stddev	.003637
%RSD	.0757966

#1	4.801912
#2	4.795108
#3	4.796284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	875.5303	1576.196	36183.38	5918.069	2393.300
Stddev	6.8282	10.839	100.94	20.230	13.974
%RSD	.7798924	.6876534	.2789578	.3418264	.5838729

#1	867.9945	1581.168	36162.14	5898.803	2400.550
#2	877.2899	1583.657	36094.75	5916.262	2402.158
#3	881.3065	1563.763	36293.24	5939.141	2377.191

Sample Name: CCB095 Acquired: 7/18/2017 15:45:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002668	.0009766	-.001060	.0023228	-.000201	.0064044
Stddev	.002800	.0008617	.001232	.0015052	.000254	.0019083
%RSD	104.9459	88.23613	116.2886	64.80226	126.1392	29.79640

#1	-.003566	.0005877	-.001460	.0005847	-.000109	.0044174
#2	.000471	.0019643	.000323	.0031896	-.000488	.0065731
#3	-.004909	.0003779	-.002042	.0031940	-.000006	.0082228

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000089	.0000606	.0001005	.0064597	-.001275	-.000010
Stddev	.000029	.0000340	.0000787	.0072396	.000471	.000146
%RSD	31.91234	56.17247	78.28468	112.0743	36.90485	1404.223

#1	-.000061	.0000237	.0000652	.0001725	-.001604	-.000157
#2	-.000118	.0000673	.0001907	.0048319	-.001486	.000135
#3	-.000089	.0000908	.0000457	.0143746	-.000736	-.000009

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001286	.0072211	.0000702	-.010464	.0002011	.0001085
Stddev	.000935	.0028616	.0007039	.018968	.0002319	.0000523
%RSD	72.67385	39.62882	1002.077	181.2598	115.2698	48.17069

#1	-.001032	.0104973	-.000066	-.021609	.0003159	.0001644
#2	-.002321	.0059561	.000832	-.021221	.0003532	.0000608
#3	-.000504	.0052100	-.000556	.011436	-.000066	.0001004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035477	-.000021	-.002934	.0017739	.0007931	F .0127788
Stddev	.1080081	.001507	.006913	.0063737	.0014866	.0013715
%RSD	3044.439	7226.081	235.6399	359.2985	187.4311	10.73232

#1	.0390852	.000136	.003802	-.002824	.0005544	.0137452
#2	.0893095	-.001600	-.010012	.009050	-.000560	.0133821
#3	-.117752	.001401	-.002592	-.000903	.002385	.0112091

Sample Name: CCB095 Acquired: 7/18/2017 15:45:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006609	-.025015	.0003833	.0010188	.0005279	-.000286
Stddev	.0002232	.002361	.0007467	.0008236	.0007176	.000419
%RSD	33.76430	9.440186	194.8020	80.84109	135.9301	146.6473

#1	.0009013	-.022839	.0005459	.0002598	.0008058	.000118
#2	.0006211	-.027526	.0010353	.0009021	.0010650	-.000256
#3	.0004604	-.024679	-.000431	.0018945	-.000287	-.000718

Elem	Sr4077
Units	ppm
Avg	.0000501
Stddev	.0000248
%RSD	49.46426

#1	.0000710
#2	.0000227
#3	.0000567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.129	1997.940	44427.10	6534.739	3902.515
Stddev	10.495	2.017	134.91	67.916	5.746
%RSD	.9378104	.1009635	.3036688	1.039314	.1472302

#1	1112.331	2000.137	44352.36	6489.820	3908.808
#2	1113.838	1997.514	44346.11	6501.526	3901.189
#3	1131.216	1996.170	44582.84	6612.870	3897.549

Sample Name: PB100731BL Acquired: 7/18/2017 15:49:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002460	.0011286	-.000844	.0018917	-.001204	.0046436	-.000249
Stddev	.001341	.0026646	.001283	.0022944	.000654	.0025654	.000090
%RSD	54.52976	236.0980	152.1104	121.2845	54.32926	55.24546	36.13643

#1	-.000917	-.000382	.000367	-.000619	-.001943	.0035638	-.000311
#2	-.003112	.004205	-.002189	.002414	-.000970	.0027946	-.000146
#3	-.003349	-.000437	-.000709	.003880	-.000699	.0075724	-.000291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000043	.0001429	-.007814	-.001337	.0000473	-.001929	.0040865
Stddev	.0000297	.0000453	.019015	.000619	.0004109	.001056	.0188319
%RSD	695.1792	31.72657	243.3441	46.26956	868.2449	54.76688	460.8349

#1	-.000020	.0001798	-.023711	-.000914	-.000054	-.002662	.0084954
#2	-.000004	.0000923	.013251	-.002047	-.000303	-.002407	-.016559
#3	.000037	.0001567	-.012982	-.001051	.000499	-.000718	.020323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004108	.0326942	.0001858	-.000281	-.029154	.0005387	.0041291
Stddev	.0006222	.0126933	.0002160	.000161	.056771	.0020191	.0031184
%RSD	151.4838	38.82443	116.2698	57.10417	194.7310	374.8321	75.52159

#1	.0003401	.0193642	.0003787	-.000123	-.094681	-.001529	.0054655
#2	.0010653	.0340814	-.000048	-.000444	.002001	.002506	.0005653
#3	-.000173	.0446370	.000226	-.000277	.005219	.000639	.0063566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023266	-.000726	.0079447	.0002578	-.027383	-.000408	-.000221
Stddev	.022183	.001885	.0004311	.0000824	.004882	.000152	.001137
%RSD	95.34615	259.7726	5.426840	31.97337	17.82949	37.25979	514.2410

#1	.002311	-.000974	.0084387	.0001696	-.026870	-.000267	-.001425
#2	-.034849	-.002474	.0077514	.0003329	-.032502	-.000570	-.000072
#3	-.037260	.001271	.0076441	.0002708	-.022778	-.000388	.000834

Sample Name: PB100731BL Acquired: 7/18/2017 15:49:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000136	-.001408	.0000359
Stddev	.000403	.000270	.0000078
%RSD	296.0018	19.20682	21.85181

#1	.000128	-.001584	.0000271
#2	.000063	-.001543	.0000423
#3	-.000600	-.001097	.0000382

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.075	1993.531	44448.67	6548.485	3893.229
Stddev	6.075	3.132	123.00	22.556	4.207
%RSD	.5428208	.1571097	.2767211	.3444394	.1080475

#1	1112.550	1989.915	44342.98	6535.326	3890.781
#2	1120.108	1995.294	44419.36	6535.599	3898.087
#3	1124.567	1995.384	44583.68	6574.529	3890.821

Sample Name: PB100731BS Acquired: 7/18/2017 15:54:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214204	.0597414	.0214652	.0714671	.1205927	.3782291
Stddev	.0020543	.0025067	.0012060	.0023974	.0019183	.0019571
%RSD	9.590200	4.195942	5.618359	3.354547	1.590760	.5174430

#1	.0233340	.0626177	.0227026	.0699819	.1185692	.3764097
#2	.0192497	.0585841	.0202933	.0701865	.1208238	.3779778
#3	.0216775	.0580224	.0213996	.0742328	.1223850	.3802997

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3537163	.0096902	.0097876	9.691743	.0213495	.0828347
Stddev	.0012410	.0000829	.0001486	.047882	.0001646	.0001980
%RSD	.3508475	.8553248	1.518554	.4940516	.7710192	.2390239

#1	.3533968	.0097854	.0097696	9.742409	.0213460	.0828265
#2	.3550858	.0096340	.0096487	9.685578	.0211867	.0826410
#3	.3526662	.0096512	.0099443	9.647241	.0215158	.0830367

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472952	.2170734	.0313529	9.879609	.0694940	.0178193
Stddev	.0007961	.0092708	.0004345	.057230	.0006274	.0000761
%RSD	1.683223	4.270830	1.385826	.5792730	.9028231	.4273260

#1	.0471021	.2100054	.0313734	9.902103	.0688978	.0178060
#2	.0481701	.2136446	.0317767	9.922174	.0694358	.0177507
#3	.0466135	.2275703	.0309085	9.814550	.0701485	.0179012

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.610223	.0954156	.1115385	8.605043	F .0263021	F .0262510
Stddev	.049000	.0034904	.0068831	.021740	.0011851	.0006962
%RSD	.5098748	3.658059	6.171052	.2526432	4.505829	2.652232

#1	9.661925	.0975195	.1184614	8.628014	.0266684	.0264510
#2	9.564468	.0913866	.1114581	8.602326	.0272608	.0254767
#3	9.604276	.0973407	.1046959	8.584789	.0249770	.0268254

Sample Name: PB100731BS Acquired: 7/18/2017 15:54:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218972	.1291056	.1902489	F .0123355	.1959518	.0926507
Stddev	.0002698	.0026059	.0015095	.0016165	.0016056	.0008300
%RSD	1.232242	2.018404	.7934294	13.10441	.8193927	.8958314

#1	.0216638	.1320930	.1915325	.0118967	.1969471	.0916925
#2	.0218350	.1279228	.1906283	.0109837	.1968089	.0931482
#3	.0221926	.1273008	.1885859	.0141261	.1940996	.0931113

Elem	Sr4077
Units	ppm
Avg	.1917309
Stddev	.0003770
%RSD	.1966532

#1	.1920789
#2	.1917836
#3	.1913303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.015	1896.329	43364.17	6577.110	3656.457
Stddev	5.121	8.162	37.10	16.486	10.963
%RSD	.4715235	.4304074	.0855525	.2506584	.2998136

#1	1086.939	1905.053	43339.17	6558.101	3667.848
#2	1080.495	1895.057	43346.56	6587.498	3655.543
#3	1090.611	1888.878	43406.80	6585.731	3645.980

Sample Name: I4208-01 Acquired: 7/18/2017 16:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC886 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535990	-.013670	2.823839	.2249143	1.402444	.1061978
Stddev	.0025057	.004385	.010139	.0048204	.001026	.0050031
%RSD	4.674860	32.07596	.3590599	2.143207	.0731509	4.711092

#1	.0528944	-.017970	2.827238	.2268701	1.403612	.1095614
#2	.0563816	-.013835	2.812438	.2194234	1.402026	.1004484
#3	.0515211	-.009205	2.831843	.2284495	1.401692	.1085836

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455885	.0000571	.1375278	464.5526	-.000522	.0100649
Stddev	.0000763	.0001120	.0005053	.7163	.000147	.0003148
%RSD	.1673221	196.0974	.3674384	.1541862	28.07898	3.127766

#1	.0455676	.0001861	.1374783	463.8311	-.000387	.0101917
#2	.0455248	.0000008	.1370491	464.5631	-.000678	.0097064
#3	.0456731	-.000016	.1380561	465.2636	-.000501	.0102965

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128462	.4806493	2.898645	30.64113	.2633499	.0023538
Stddev	.0017036	.0052792	.006988	.15480	.0010545	.0003341
%RSD	13.26150	1.098342	.2410812	.5052063	.4004150	14.19297

#1	.0129109	.4858509	2.895824	30.51722	.2634847	.0022030
#2	.0145164	.4808012	2.893509	30.59151	.2622345	.0027366
#3	.0111111	.4752958	2.906603	30.81466	.2643305	.0021217

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 7290.789	-.003992	.2648331	7.985689	.0779775	3.735759
Stddev	24.628	.002133	.0105505	.038446	.0021069	.002980
%RSD	.3377893	53.42814	3.983839	.4814356	2.701991	.0797571

#1	7284.885	-.005632	.2535738	7.978616	.0771393	3.732702
#2	7317.832	-.001581	.2664335	8.027181	.0803745	3.735921
#3	7269.650	-.004762	.2744920	7.951271	.0764186	3.738654

Sample Name: I4208-01 Acquired: 7/18/2017 16:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC886 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165417	2185.177	25.96435	.0045077	-.009236	.0112786
Stddev	.0005275	2.290	.05311	.0026672	.001109	.0002545
%RSD	3.188722	.1047778	.2045429	59.17131	12.00697	2.256705

#1	.0168829	2187.216	25.91029	.0049552	-.009958	.0109925
#2	.0159342	2182.700	25.96630	.0016450	-.007959	.0114799
#3	.0168080	2185.614	26.01645	.0069229	-.009790	.0113634

Elem	Sr4077
Units	ppm
Avg	.7123944
Stddev	.0005553
%RSD	.0779544

#1	.7123419
#2	.7129741
#3	.7118672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	753.9742	1330.192	28782.78	5726.890	1836.926
Stddev	3.6307	1.900	51.65	6.945	2.937
%RSD	.4815381	.1428586	.1794614	.1212710	.1598945

#1	758.1096	1327.999	28842.16	5732.171	1839.984
#2	751.3100	1331.226	28757.96	5729.475	1836.665
#3	752.5030	1331.351	28748.23	5719.023	1834.127

Sample Name: I4208-02 Acquired: 7/18/2017 16:06:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC887 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638991	-.023258	1.418876	.3061456	1.915812	.0810785
Stddev	.0064300	.002219	.003570	.0017204	.005074	.0080513
%RSD	10.06278	9.541253	.2516423	.5619560	.2648294	9.930292

#1	.0678660	-.022224	1.421695	.3045481	1.914570	.0800817
#2	.0564803	-.025805	1.420072	.3079670	1.911475	.0735719
#3	.0673510	-.021744	1.414861	.3059216	1.921392	.0895818

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0354565	.0001776	.0588073	455.8663	-.000391	.0034425
Stddev	.0003310	.0001254	.0003617	1.5475	.001038	.0002119
%RSD	.9335400	70.63429	.6150604	.3394625	265.6343	6.155277

#1	.0351095	.0000459	.0586736	455.8095	.000788	.0032034
#2	.0357688	.0001912	.0585315	454.3480	-.000789	.0035171
#3	.0354910	.0002956	.0592169	457.4415	-.001171	.0036071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215856	.1838377	2.021062	44.85919	.1847958	.0014994
Stddev	.0004027	.0147065	.002771	.20064	.0003576	.0001034
%RSD	1.865398	7.999731	.1370865	.4472733	.1934890	6.896513

#1	.0211544	.1998338	2.020368	44.79796	.1844563	.0015406
#2	.0219518	.1709025	2.018705	44.69630	.1851690	.0013817
#3	.0216506	.1807769	2.024114	45.08331	.1847620	.0015758

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8529.367	-.001957	.1394861	10.25163	.0952059	4.395450
Stddev	17.399	.002598	.0334560	.01572	.0031221	.016950
%RSD	.2039923	132.8100	23.98519	.1533576	3.279328	.3856213

#1	8509.513	-.004557	.1769931	10.23396	.0916924	4.392909
#2	8541.957	.000640	.1287466	10.25687	.0976619	4.379914
#3	8536.632	-.001952	.1127187	10.26406	.0962636	4.413526

Sample Name: I4208-02 Acquired: 7/18/2017 16:06:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC887 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0351849	2365.062	23.85871	.0058156	-.008703	.0113626
Stddev	.0003163	6.158	.06688	.0047408	.000465	.0007562
%RSD	.8989251	.2603653	.2803048	81.51801	5.337273	6.655101

#1	.0353065	2366.080	23.90442	.0013717	-.008182	.0107952
#2	.0348259	2358.458	23.78195	.0052693	-.008857	.0122211
#3	.0354224	2370.647	23.88976	.0108059	-.009072	.0110714

Elem	Sr4077
Units	ppm
Avg	.7030896
Stddev	.0021983
%RSD	.3126628

#1	.7036094
#2	.7006780
#3	.7049815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	738.8446	1307.026	28102.05	5708.371	1774.031
Stddev	6.0946	2.056	57.56	22.553	3.033
%RSD	.8248867	.1573025	.2048415	.3950813	.1709476

#1	741.7298	1307.786	28141.52	5706.906	1773.331
#2	731.8432	1308.594	28036.00	5731.621	1777.352
#3	742.9610	1304.698	28128.63	5686.587	1771.410

Sample Name: I4208-03 Acquired: 7/18/2017 16:10:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC888 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439672	-.014883	1.489373	.2616945	2.981864	.0631808
Stddev	.0044689	.002218	.001128	.0026631	.002352	.0015764
%RSD	10.16414	14.90572	.0757653	1.017633	.0788711	2.495127

#1	.0474576	-.014594	1.489902	.2616923	2.982535	.0613606
#2	.0389305	-.017231	1.488078	.2643586	2.983807	.0641077
#3	.0455136	-.012822	1.490140	.2590325	2.979249	.0640742

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321276	.0000994	.0413569	467.2936	-.001104	.0031494
Stddev	.0000473	.0000192	.0003158	1.9081	.000476	.0002121
%RSD	.1472070	19.34476	.7635733	.4083246	43.12354	6.734001

#1	.0321810	.0000817	.0413010	469.4817	-.000623	.0030194
#2	.0321109	.0000967	.0416969	465.9761	-.001574	.0033942
#3	.0320909	.0001199	.0410727	466.4230	-.001114	.0030348

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308884	.1749417	1.903055	32.04168	.1065764	.0023729
Stddev	.0020505	.0253467	.008882	.06114	.0003280	.0004917
%RSD	6.638484	14.48863	.4667334	.1908085	.3077400	20.72177

#1	.0287025	.1910137	1.912542	32.11060	.1069125	.0022922
#2	.0327694	.1880888	1.894936	31.99397	.1065594	.0019266
#3	.0311932	.1457227	1.901686	32.02047	.1062572	.0029000

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 7787.012	-.001892	.1383018	9.421359	.0833976	4.210070
Stddev	56.438	.004657	.0149758	.033256	.0012385	.021719
%RSD	.7247652	246.1383	10.82835	.3529810	1.485089	.5158921

#1	7721.845	-.006549	.1236311	9.384271	.0842780	4.212437
#2	7819.842	-.001894	.1377094	9.431283	.0819814	4.187264
#3	7819.351	.002766	.1535651	9.448523	.0839335	4.230509

Sample Name: I4208-03 Acquired: 7/18/2017 16:10:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC888 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366014	2242.015	22.67697	.0045906	-.008723	.0104697
Stddev	.0001945	4.949	.07969	.0025096	.000711	.0005731
%RSD	.5313789	.2207194	.3514062	54.66814	8.154670	5.474019

#1	.0365964	2245.393	22.66673	.0066242	-.008884	.0100679
#2	.0364094	2236.335	22.60290	.0053616	-.009340	.0111260
#3	.0367983	2244.317	22.76129	.0017859	-.007945	.0102153

Elem	Sr4077
Units	ppm
Avg	.6924786
Stddev	.0016882
%RSD	.2437900

#1	.6924925
#2	.6907835
#3	.6941598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	752.5819	1317.949	28540.61	5689.433	1814.149
Stddev	7.0515	2.847	292.83	11.873	2.932
%RSD	.9369781	.2160119	1.026023	.2086909	.1615937

#1	747.4007	1321.225	28391.43	5684.869	1817.370
#2	749.7327	1316.072	28352.41	5702.912	1813.440
#3	760.6122	1316.550	28877.99	5680.520	1811.636

Sample Name: I4208-04 Acquired: 7/18/2017 16:15:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368706	-.017498	1.158785	.2611615	1.701589	.0678546
Stddev	.0048782	.005157	.007704	.0041925	.004388	.0038400
%RSD	13.23067	29.46954	.6648329	1.605318	.2579000	5.659150

#1	.0425035	-.011663	1.154438	.2627858	1.697238	.0639946
#2	.0340729	-.019389	1.154237	.2563999	1.701516	.0716742
#3	.0340355	-.021442	1.167680	.2642987	1.706014	.0678950

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396559	.0001398	.0145114	479.6421	-.000853	.0023662
Stddev	.0002846	.0001706	.0001751	1.4767	.000547	.0001717
%RSD	.7176859	122.0510	1.206339	.3078662	64.14902	7.254749

#1	.0398584	.0002595	.0146657	481.1197	-.000361	.0025619
#2	.0393305	.0002155	.0143212	479.6402	-.001442	.0022412
#3	.0397789	-.000056	.0145474	478.1664	-.000755	.0022953

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286553	.7762989	1.711697	31.96674	.0665204	.0009723
Stddev	.0026503	.0184472	.003996	.06844	.0002598	.0002793
%RSD	9.249058	2.376300	.2334810	.2140919	.3904800	28.72484

#1	.0307658	.7732375	1.716220	32.02406	.0662581	.0012812
#2	.0256807	.7960854	1.710230	31.98519	.0667775	.0008983
#3	.0295192	.7595740	1.708641	31.89097	.0665256	.0007375

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8295.192	.0002333	.1357387	10.35283	.0768333	4.346156
Stddev	66.361	.0022041	.0075923	.02398	.0066951	.010998
%RSD	.7999924	944.7681	5.593286	.2315888	8.713759	.2530476

#1	8254.198	-.001195	.1380237	10.33270	.0844021	4.357308
#2	8371.755	.002772	.1419261	10.34644	.0744126	4.345841
#3	8259.623	-.000877	.1272664	10.37936	.0716853	4.335319

Sample Name: I4208-04 Acquired: 7/18/2017 16:15:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465279	2317.323	20.47523	.0085573	-.008568	.0112895
Stddev	.0005763	7.517	.07593	.0028565	.000661	.0003060
%RSD	1.238689	.3243925	.3708258	33.38040	7.711677	2.710130

#1	.0468938	2311.155	20.54769	.0056198	-.007862	.0116331
#2	.0458635	2315.117	20.48174	.0087269	-.008671	.0111889
#3	.0468262	2325.696	20.39626	.0113252	-.009171	.0110464

Elem	Sr4077
Units	ppm
Avg	.7043780
Stddev	.0019560
%RSD	.2776857

#1	.7065305
#2	.7027096
#3	.7038938

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	735.0252	1298.889	28030.74	5694.078	1774.184
Stddev	4.8481	3.106	83.42	13.062	6.543
%RSD	.6595875	.2390999	.2975907	.2294032	.3687897

#1	735.0435	1301.778	28060.53	5680.215	1780.062
#2	739.8641	1299.284	28095.17	5695.863	1775.356
#3	730.1679	1295.605	27936.51	5706.156	1767.134

Sample Name: I4208-05 Acquired: 7/18/2017 16:19:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335490	-.015659	1.155899	.2582141	1.704079	.0685153
Stddev	.0068915	.002415	.005188	.0024492	.009130	.0078811
%RSD	20.54163	15.42202	.4487864	.9484970	.5357511	11.50271

#1	.0288600	-.017531	1.158354	.2556760	1.696032	.0703259
#2	.0303255	-.012933	1.149939	.2605634	1.702204	.0598865
#3	.0414616	-.016512	1.159403	.2584028	1.714000	.0753336

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393123	.0001203	.0148417	478.1765	-.000510	.0026889
Stddev	.0004660	.0000775	.0002904	.8567	.000880	.0005216
%RSD	1.185433	64.40150	1.957016	.1791508	172.5596	19.39703

#1	.0396443	.0000534	.0150274	479.1649	-.000410	.0032148
#2	.0395131	.0002052	.0145069	477.6491	-.001435	.0026802
#3	.0387796	.0001024	.0149906	477.7153	.000316	.0021717

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299147	.7834545	1.709327	32.01929	.0664972	.0013431
Stddev	.0008354	.0111449	.000613	.09128	.0008059	.0001776
%RSD	2.792596	1.422539	.0358455	.2850631	1.211992	13.22473

#1	.0296151	.7795739	1.709427	31.91995	.0663123	.0013149
#2	.0308586	.7960210	1.709884	32.09945	.0657997	.0015331
#3	.0292705	.7747687	1.708671	32.03847	.0673795	.0011813

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8360.629	-.002144	.1283852	10.59868	.0741931	4.366054
Stddev	56.559	.002445	.0247433	.05690	.0046011	.004131
%RSD	.6764942	114.0194	19.27273	.5368328	6.201505	.0946276

#1	8311.862	-.003497	.1286467	10.57597	.0794596	4.361452
#2	8422.632	.000678	.1529967	10.66342	.0709529	4.369444
#3	8347.392	-.003613	.1035121	10.55664	.0721668	4.367267

Sample Name: I4208-05 Acquired: 7/18/2017 16:19:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464371	2314.878	20.58527	.0061030	-.009977	.0109224
Stddev	.0003144	8.039	.02228	.0033887	.000321	.0001039
%RSD	.6770230	.3472774	.1082560	55.52514	3.216969	.9510602

#1	.0460764	2324.006	20.57388	.0022487	-.009614	.0110231
#2	.0465822	2311.773	20.57098	.0074459	-.010226	.0108156
#3	.0466528	2308.854	20.61095	.0086146	-.010089	.0109284

Elem	Sr4077
Units	ppm
Avg	.7070345
Stddev	.0004295
%RSD	.0607486

#1	.7067832
#2	.7067899
#3	.7075304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	731.5305	1298.211	28015.02	5666.569	1773.352
Stddev	1.9688	6.756	36.13	4.373	6.881
%RSD	.2691301	.5204334	.1289587	.0771769	.3880494

#1	729.4171	1304.492	27974.48	5667.801	1778.533
#2	731.8618	1299.078	28026.78	5661.712	1775.978
#3	733.3125	1291.063	28043.80	5670.194	1765.544

Sample Name: I4208-04LX5 Acquired: 7/18/2017 16:27:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003658	-.003371	.2457105	.0420510	.2894314	.0267661
Stddev	.0037574	.000501	.0007679	.0038545	.0013446	.0078738
%RSD	1027.311	14.86233	.3125258	9.166256	.4645579	29.41718

#1	-.003415	-.003890	.2451658	.0458726	.2908747	.0354008
#2	.000414	-.002890	.2465888	.0381644	.2882141	.0249144
#3	.004099	-.003335	.2453770	.0421159	.2892056	.0199832

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099939	.0001131	.0028548	93.04623	-.000260	-.000232
Stddev	.0001589	.0000673	.0001324	.23076	.000665	.000248
%RSD	1.590294	59.45680	4.636708	.2480084	255.8565	106.6516

#1	.0100406	.0001001	.0029861	93.15533	.000392	-.000031
#2	.0098168	.0001859	.0027213	92.78114	-.000938	-.000509
#3	.0101242	.0000533	.0028569	93.20220	-.000234	-.000157

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040122	.1645532	.3475917	6.910918	.0136165	.0001871
Stddev	.0009397	.0024125	.0017299	.035739	.0006550	.0000796
%RSD	23.42064	1.466088	.4976924	.5171436	4.810677	42.56987

#1	.0029272	.1673386	.3480584	6.876250	.0137109	.0001129
#2	.0045468	.1631956	.3456763	6.908862	.0129193	.0002713
#3	.0045626	.1631254	.3490405	6.947640	.0142191	.0001772

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1572.354	-.001152	.0251517	2.150302	.0065836	.9218785
Stddev	2.264	.000984	.0059356	.023717	.0035014	.0026867
%RSD	.1439664	85.44615	23.59915	1.102944	53.18418	.2914357

#1	1574.952	-.001833	.0234682	2.177132	.0050101	.9247417
#2	1570.809	-.001599	.0317471	2.141641	.0105957	.9194125
#3	1571.300	-.000023	.0202397	2.132133	.0041449	.9214811

Sample Name: I4208-04LX5 Acquired: 7/18/2017 16:27:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099755	788.5568	3.748592	-.000461	-.001473	.0078490
Stddev	.0002807	1.5193	.014477	.001106	.000260	.0006513
%RSD	2.814320	.1926655	.3861855	240.0856	17.63494	8.297246

#1	.0101587	789.7485	3.758638	.000800	-.001602	.0072302
#2	.0101155	786.8460	3.731998	-.001266	-.001644	.0077884
#3	.0096523	789.0758	3.755139	-.000916	-.001174	.0085285

Elem	Sr4077
Units	ppm
Avg	.1415291
Stddev	.0001612
%RSD	.1139197

#1	.1413778
#2	.1416987
#3	.1415110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	863.5245	1561.978	34450.45	6091.686	2479.517
Stddev	7.2220	8.736	31.79	23.991	8.809
%RSD	.8363418	.5592928	.0922845	.3938378	.3552583

#1	859.9710	1558.676	34422.96	6069.337	2473.366
#2	871.8347	1555.375	34485.26	6117.037	2475.577
#3	858.7676	1571.884	34443.12	6088.683	2489.608

Sample Name: PB100731TB Acquired: 7/18/2017 16:33:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004627	.0002820	.0007582	.0043213	.0006208	.0302374
Stddev	.006008	.0014017	.0018179	.0030173	.0001284	.0027415
%RSD	129.8539	497.0161	239.7567	69.82529	20.67950	9.066495

#1	.002259	-.001258	-.001185	.0035659	.0004747	.0301624
#2	-.008801	.001483	.001042	.0017534	.0007153	.0330156
#3	-.007339	.000622	.002418	.0076445	.0006725	.0275342

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003833	.0001099	.0000024	.1117174	.0019077	.0003476
Stddev	.0001599	.0000635	.0001286	.0030854	.0005656	.0001525
%RSD	41.71575	57.74415	5301.039	2.761766	29.64653	43.87565

#1	.0004146	.0001253	-.000077	.1099235	.0020418	.0003747
#2	.0002101	.0000402	-.000066	.1152800	.0012871	.0001833
#3	.0005253	.0001643	.000151	.1099486	.0023941	.0004847

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	F .1271150	.0018061	.1024282	.0015075	.0000282
Stddev	.000526	.0086451	.0001783	.0324046	.0002629	.0003322
%RSD	472.5743	6.801027	9.869181	31.63641	17.44021	1180.320

#1	-.000678	.1278372	.0016003	.0684885	.0013368	.0004050
#2	.000360	.1181314	.0019113	.1330410	.0013753	-.000098
#3	-.000016	.1353763	.0019067	.1057552	.0018102	-.000223

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1121.681	-.000851	.0001711	.2649732	.0010852	F .0113887
Stddev	.706	.001590	.0025639	.0284952	.0007295	.0008676
%RSD	.0629257	186.6994	1498.755	10.75400	67.22329	7.618002

#1	1122.487	.000916	.0031238	.2406616	.0004362	.0104160
#2	1121.174	-.002163	-.001119	.2579277	.0018747	.0116675
#3	1121.381	-.001308	-.001491	.2963302	.0009447	.0120826

Sample Name: PB100731TB Acquired: 7/18/2017 16:33:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011253	.5259336	.0009162	.0008284	.0007834	.0043522
Stddev	.0001298	.0117610	.0008462	.0010659	.0007912	.0003845
%RSD	11.53738	2.236218	92.35531	128.6771	100.9868	8.835438

#1	.0012019	.5394055	.0017392	.0011925	.0010098	.0039101
#2	.0009754	.5206815	.0009609	-.000372	-.000096	.0046086
#3	.0011986	.5177138	.0000486	.001665	.001437	.0045380

Elem	Sr4077
Units	ppm
Avg	.0001976
Stddev	.0000197
%RSD	9.983026

#1	.0001891
#2	.0001835
#3	.0002201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	927.5382	1662.802	36146.70	6251.889	2679.791
Stddev	1.5633	15.592	77.77	19.166	17.081
%RSD	.1685439	.9377115	.2151407	.3065592	.6374065

#1	926.7004	1647.314	36065.56	6231.699	2661.938
#2	929.3418	1662.595	36220.58	6254.135	2681.455
#3	926.5724	1678.496	36153.96	6269.832	2695.979

Sample Name: I4208-06 Acquired: 7/18/2017 16:45:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007562	.0454710	1.168622	.3508174	1.791600	2.550689
Stddev	.0050314	.0015742	.000600	.0050342	.003192	.027473
%RSD	4.993618	3.461950	.0513677	1.434989	.1781606	1.077075

#1	.0962826	.0472877	1.167953	.3465198	1.788146	2.542181
#2	.1062032	.0445114	1.169115	.3495764	1.794441	2.528477
#3	.0997828	.0446138	1.168797	.3563561	1.792214	2.581410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.101952	.0590865	.0745113	470.9247	.2264728	.5085589
Stddev	.007677	.0005468	.0006535	2.5392	.0007062	.0006772
%RSD	.3652365	.9254303	.8771054	.5391850	.3118450	.1331545

#1	2.102146	.0597175	.0745907	473.8164	.2268907	.5090204
#2	2.094179	.0587508	.0738217	469.0591	.2256574	.5088748
#3	2.109530	.0587912	.0751215	469.8987	.2268703	.5077815

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3487695	1.953799	2.246729	31.52815	.5520816	.0429657
Stddev	.0016382	.029057	.008713	.14401	.0029739	.0007648
%RSD	.4697007	1.487207	.3877998	.4567592	.5386711	1.779935

#1	.3505701	1.985427	2.256559	31.66760	.5545868	.0427173
#2	.3473671	1.928285	2.239959	31.53687	.5487950	.0438238
#3	.3483714	1.947686	2.243669	31.37998	.5528629	.0423560

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8175.284	.5322278	.7855179	9.973455	.0633248	4.268108
Stddev	53.346	.0033310	.0324412	.022069	.0015042	.024621
%RSD	.6525312	.6258686	4.129907	.2212728	2.375322	.5768492

#1	8221.794	.5285159	.7716263	9.951499	.0649507	4.294504
#2	8187.006	.5349568	.8225917	9.973231	.0630407	4.245766
#3	8117.051	.5332108	.7623357	9.995635	.0619829	4.264054

Sample Name: I4208-06 Acquired: 7/18/2017 16:45:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455166	2301.884	20.07919	.0031336	-.009930	.0105040
Stddev	.0005069	8.060	.10726	.0010447	.000950	.0002560
%RSD	1.113626	.3501367	.5341948	33.34006	9.568430	2.437022

#1	.0460903	2308.818	20.20287	.0027719	-.010968	.0106643
#2	.0451293	2293.041	20.01162	.0043111	-.009716	.0106390
#3	.0453301	2303.793	20.02309	.0023177	-.009105	.0102088

Elem	Sr4077
Units	ppm
Avg	.6925518
Stddev	.0016599
%RSD	.2396835

#1	.6944478
#2	.6913606
#3	.6918469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	738.3017	1309.652	28272.18	5688.204	1774.863
Stddev	2.7257	7.633	54.53	23.874	3.977
%RSD	.3691812	.5827975	.1928829	.4197170	.2240493

#1	738.0207	1317.791	28278.59	5660.792	1778.803
#2	735.7274	1302.654	28214.73	5704.445	1770.851
#3	741.1569	1308.512	28323.23	5699.375	1774.935

Sample Name: I4208-04A Acquired: 7/18/2017 17:20:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071023	-.017102	1.153154	.2601391	1.677984	.0675263
Stddev	.0028504	.002740	.005977	.0030003	.009698	.0033196
%RSD	2.661343	16.02346	.5182748	1.153334	.5779827	4.915994

#1	.1038424	-.018340	1.151950	.2632919	1.671662	.0640616
#2	.1091249	-.019005	1.147872	.2573192	1.673139	.0706787
#3	.1083396	-.013961	1.159641	.2598063	1.689150	.0678384

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390572	.0000973	.0146210	471.1934	-.000002	.0025297
Stddev	.0002895	.0000419	.0002452	1.0391	.000251	.0000888
%RSD	.7411774	43.03669	1.676832	.2205346	13647.56	3.509045

#1	.0392019	.0001448	.0146963	471.6983	.000278	.0025576
#2	.0387239	.0000655	.0148197	471.8835	-.000074	.0024303
#3	.0392459	.0000817	.0143470	469.9982	-.000209	.0026012

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283117	.7659645	1.648286	31.03449	.0651877	.0015941
Stddev	.0014689	.0160891	.003490	.18679	.0007327	.0001831
%RSD	5.188261	2.100501	.2117254	.6018700	1.123976	11.48602

#1	.0298838	.7473979	1.652187	31.08694	.0649914	.0018019
#2	.0269744	.7746828	1.647208	31.18945	.0659985	.0014567
#3	.0280767	.7758129	1.645462	30.82709	.0645731	.0015236

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 8231.484	.0017732	.1169781	10.40537	.0699898	4.338674
Stddev	44.229	.0052116	.0174419	.01506	.0056613	.015419
%RSD	.5373105	293.9174	14.91036	.1447571	8.088803	.3553857

#1	8265.002	.0076906	.1128864	10.39914	.0746007	4.351271
#2	8181.354	-.002134	.1019459	10.39443	.0716975	4.321479
#3	8248.095	-.000237	.1361021	10.42255	.0636712	4.343274

Sample Name: I4208-04A Acquired: 7/18/2017 17:20:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBC889A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459813	2317.957	20.41618	.0075659	-.010077	.0101969
Stddev	.0003804	3.911	.10996	.0006132	.000319	.0005403
%RSD	.8273159	.1687289	.5386165	8.104051	3.161493	5.298476

#1	.0457187	2322.470	20.50220	.0070405	-.009716	.0101599
#2	.0464176	2315.844	20.29228	.0082396	-.010316	.0096761
#3	.0458078	2315.557	20.45405	.0074177	-.010200	.0107548

Elem	Sr4077
Units	ppm
Avg	.6958451
Stddev	.0007622
%RSD	.1095299

#1	.6961455
#2	.6949785
#3	.6964112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.1504	1316.847	28376.52	5687.597	1794.543
Stddev	1.9236	4.982	39.98	12.052	7.220
%RSD	.2602509	.3783515	.1408755	.2118962	.4023112

#1	736.9438	1320.487	28420.71	5674.556	1798.643
#2	740.4738	1318.887	28365.99	5698.323	1798.778
#3	740.0337	1311.169	28342.87	5689.913	1786.207

Sample Name: CCV096 Acquired: 7/18/2017 17:24:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.765591	4.518346	22.65643	4.717442	4.749948	408.9126
Stddev	.014290	.020062	.04054	.012213	.004332	.7916
%RSD	.2998503	.4440191	.1789450	.2588859	.0912031	.1935897

#1	4.779239	4.533258	22.69340	4.721649	4.752460	409.5419
#2	4.750736	4.495537	22.61307	4.726995	4.744946	408.0238
#3	4.766797	4.526243	22.66280	4.703682	4.752438	409.1721

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.674716	.4759427	2.327408	395.9264	14.19449	2.339481
Stddev	.044314	.0026153	.001241	.5170	.06662	.005764
%RSD	.4580424	.5494985	.0533400	.1305735	.4693204	.2463904

#1	9.687918	.4745041	2.328709	396.2488	14.14517	2.344412
#2	9.625301	.4743625	2.326236	396.2002	14.16802	2.333144
#3	9.710929	.4789614	2.327279	395.3301	14.27027	2.340887

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44704	397.2125	13.51311	393.1507	2.316878	1.217281
Stddev	.04146	.2026	.02200	.1935	.004745	.002739
%RSD	.2869862	.0510164	.1627753	.0492062	.2048076	.2249871

#1	14.47389	397.4194	13.52668	392.9963	2.318572	1.219947
#2	14.39929	397.2037	13.52493	393.0882	2.311518	1.217421
#3	14.46795	397.0144	13.48774	393.3677	2.320543	1.214475

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.0136	2.306182	F 11.84439	147.8801	4.951487	F 3.934796
Stddev	.6868	.005627	.00296	.4542	.034101	.002639
%RSD	.1670985	.2439829	.0249945	.3071255	.6886953	.0670705

#1	411.4431	2.309322	11.84609	148.1603	4.957675	3.936702
#2	410.2215	2.299686	11.84097	147.3561	4.914716	3.931784
#3	411.3761	2.309537	11.84610	148.1239	4.982070	3.935902

Sample Name: CCV096 Acquired: 7/18/2017 17:24:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.661028	6.929399	4.655608	4.645840	4.678165	4.903267
Stddev	.003952	.387008	.016520	.014530	.010878	.003255
%RSD	.0847851	5.585015	.3548325	.3127613	.2325207	.0663894

#1	4.662464	6.500356	4.653173	4.645180	4.688455	4.904970
#2	4.664061	7.035675	4.640441	4.631651	4.666782	4.899514
#3	4.656559	7.252165	4.673210	4.660690	4.679258	4.905318

Elem	Sr4077
Units	ppm
Avg	4.834252
Stddev	.011598
%RSD	.2399155

#1	4.842467
#2	4.820984
#3	4.839304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	851.1583	1539.025	35831.22	5805.813	2373.422
Stddev	5.5917	5.176	141.42	19.238	10.458
%RSD	.6569569	.3363259	.3946955	.3313588	.4406466

#1	845.4688	1533.157	35707.12	5783.918	2363.336
#2	851.3592	1542.941	35801.34	5813.507	2384.217
#3	856.6469	1540.978	35985.20	5820.013	2372.713

Sample Name: CCB096 Acquired: 7/18/2017 17:28:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000127	.0005719	-.001195	.0011637	-.001970	.0056675
Stddev	.000545	.0009158	.000508	.0016430	.001027	.0037960
%RSD	429.5706	160.1371	42.49490	141.1846	52.12944	66.97735

#1	.000369	.0005058	-.000655	.0012232	-.003009	.0012984
#2	-.000040	.0015190	-.001268	.0027762	-.000956	.0081564
#3	-.000710	-.000309	-.001662	-.000508	-.001945	.0075478

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000263	.0000370	.0000651	-.003549	-.001369	-.000230
Stddev	.000090	.0001450	.0001143	.008663	.000351	.000068
%RSD	34.29762	391.4849	175.4920	244.1246	25.61871	29.73608

#1	-.000160	.0000661	.0000137	-.012887	-.001509	-.000252
#2	-.000327	-.000120	-.000014	.004226	-.000970	-.000153
#3	-.000303	.000165	.000196	-.001985	-.001628	-.000284

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	.0040722	-.000138	-.001137	.0003121	.0001183
Stddev	.000793	.0041987	.000234	.014098	.0001823	.0001432
%RSD	787.7341	103.1082	169.6752	1239.847	58.40769	121.0803

#1	-.000551	.0022185	-.000153	.013908	.0004716	.0001513
#2	.000815	.0088787	-.000365	-.014044	.0001134	-.000039
#3	-.000567	.0011193	.000103	-.003275	.0003513	.000242

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0856907	.0017709	.0073492	-.448265	.0021209	F .0130231
Stddev	.0517268	.0013653	.0066352	.007325	.0011116	.0006591
%RSD	60.36451	77.10072	90.28458	1.634053	52.41341	5.061202

#1	.0578999	.0009113	.0025977	-.452249	.0034043	.0137294
#2	.1453727	.0010561	.0149302	-.452734	.0014981	.0129157
#3	.0537994	.0033452	.0045198	-.439811	.0014603	.0124243

Sample Name: CCB096 Acquired: 7/18/2017 17:28:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v69) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006425	.1040464	-.010460	-.001462	.0000297	-.003000
Stddev	.0003229	.0070140	.000492	.000445	.0003997	.000316
%RSD	50.25889	6.741254	4.700882	30.42688	1347.158	10.51869

#1	.0008986	.1121390	-.011012	-.001268	.0004030	-.002726
#2	.0002798	.0997172	-.010296	-.001971	.0000780	-.003345
#3	.0007490	.1002832	-.010071	-.001147	-.000392	-.002929

Elem	Sr4077
Units	ppm
Avg	-.000017
Stddev	.000031
%RSD	183.7832

#1	.000016
#2	-.000045
#3	-.000022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1096.155	1921.773	44386.93	6476.228	3837.055
Stddev	4.704	7.157	116.91	43.149	12.538
%RSD	.4291448	.3724338	.2633971	.6662745	.3267711

#1	1101.059	1923.320	44514.28	6447.448	3839.545
#2	1091.680	1928.030	44284.47	6455.394	3848.163
#3	1095.725	1913.968	44362.04	6525.841	3823.459