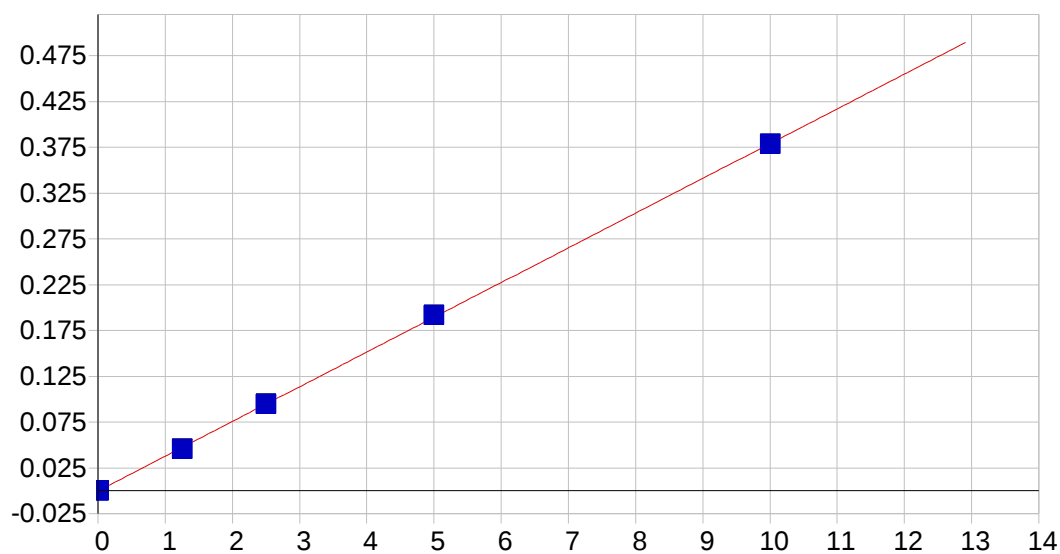


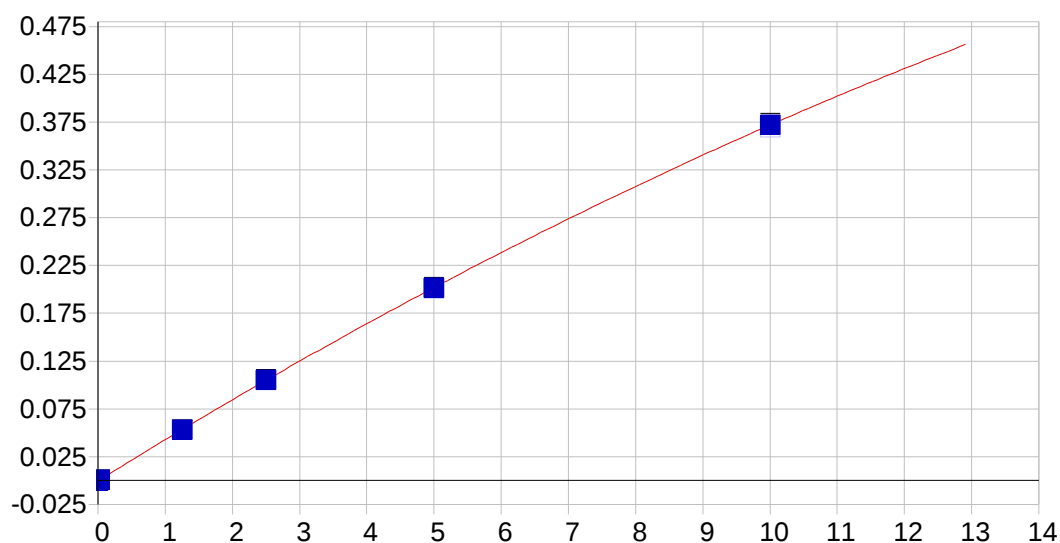


As 189.042 {479}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000191 Re-Slope: 1.000000
 A1 (Gain): 0.037918 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.003823
 Predicted MQL: 0.012743

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.01133	.001	13.3	.00024	.000	1
S2	1.2500	1.2057	-.044	-3.55	.04553	.000	1
S3	2.5000	2.5019	.002	.076	.09469	.000	1
S4	5.0000	5.0560	.056	1.12	.19155	.000	1
S5	10.000	9.9851	-.015	-.149	.37847	.000	1



TI 190.856 {477}

Date of Fit: 12/15/2017 16:54:30

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000212

Re-Slope: 1.000000

A1 (Gain): 0.043631

Y-int: 0.000000

A2 (Curvature): -0.000641

n (Exponent): 1.000000

Correlation: 0.999998

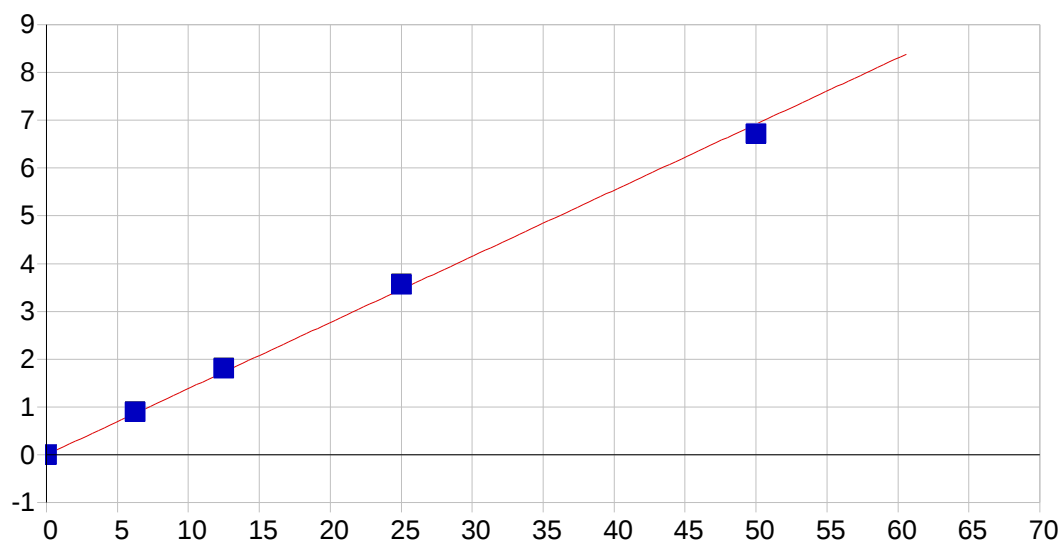
Status: OK.

Std Error of Est: 0.000002

Predicted MDL: 0.002259

Predicted MQL: 0.007531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02500	.02546	.000	1.84	.00088	.000	1
S2	1.2500	1.2460	-.004	-.322	.05283	.000	1
S3	2.5000	2.5095	.009	.379	.10458	.000	1
S4	5.0000	4.9915	-.009	-.171	.20028	.001	1
S5	10.000	10.003	.003	.027	.36943	.002	1

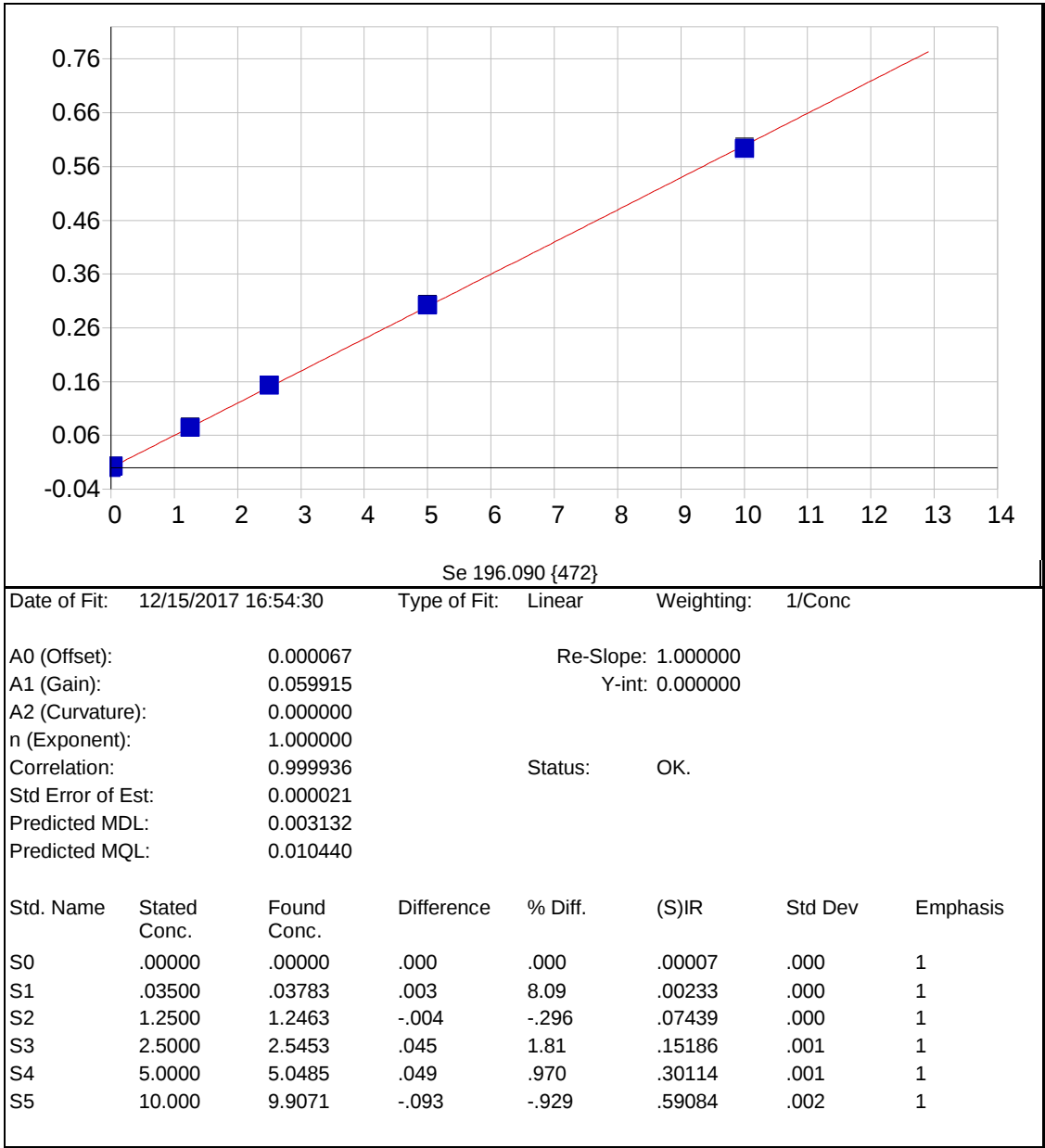


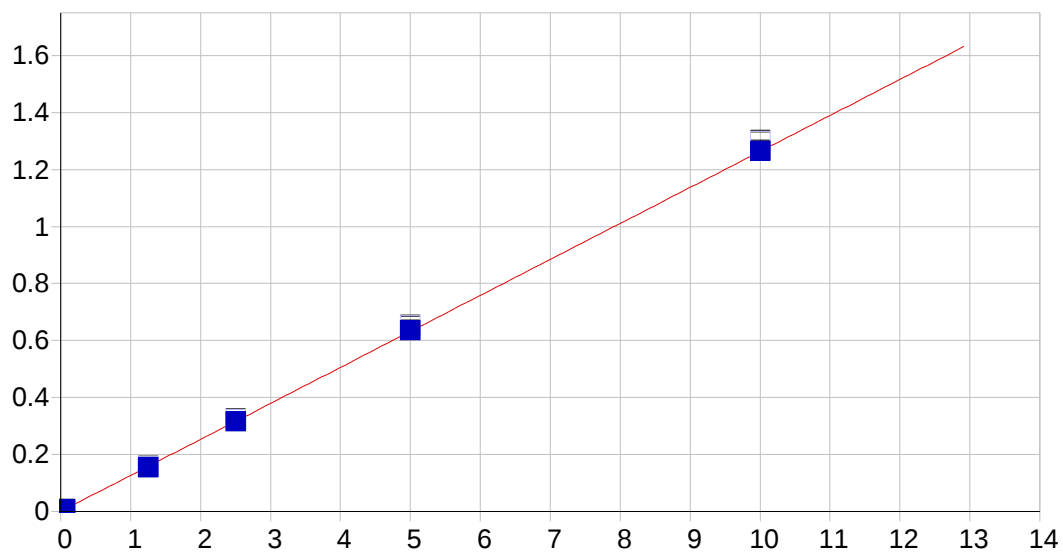
Pb 220.353 {453}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000263 Re-Slope: 1.000000
 A1 (Gain): 0.138378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999478 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.001795
 Predicted MQL: 0.005983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.01102	.001	10.2	.00127	.000	1
S2	6.2500	6.4472	.197	3.15	.89323	.002	1
S3	12.500	13.049	.549	4.39	1.8081	.003	1
S4	25.000	25.755	.755	3.02	3.5690	.003	1
S5	50.000	48.498	-1.50	-3.00	6.7217	.010	1



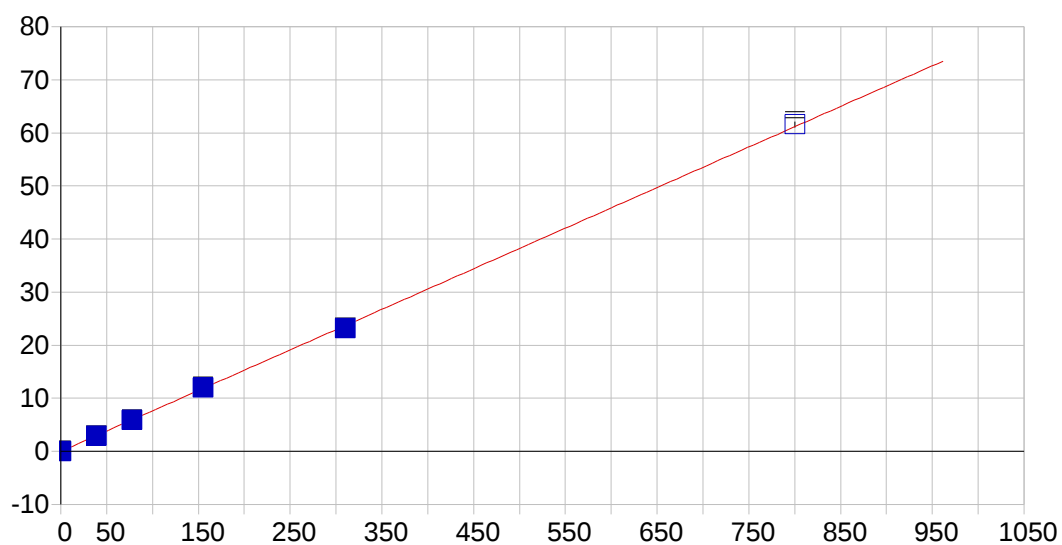


Sb 206.833 {463}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.126331 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001655
 Predicted MQL: 0.005516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.06000	.05834	-.002	-2.77	.00768	.000	1
S2	1.2500	1.2172	-.033	-2.62	.15839	.000	1
S3	2.5000	2.4920	-.008	-.321	.32373	.001	1
S4	5.0000	5.0260	.026	.521	.65246	.001	1
S5	10.000	10.016	.016	.164	1.3001	.003	1

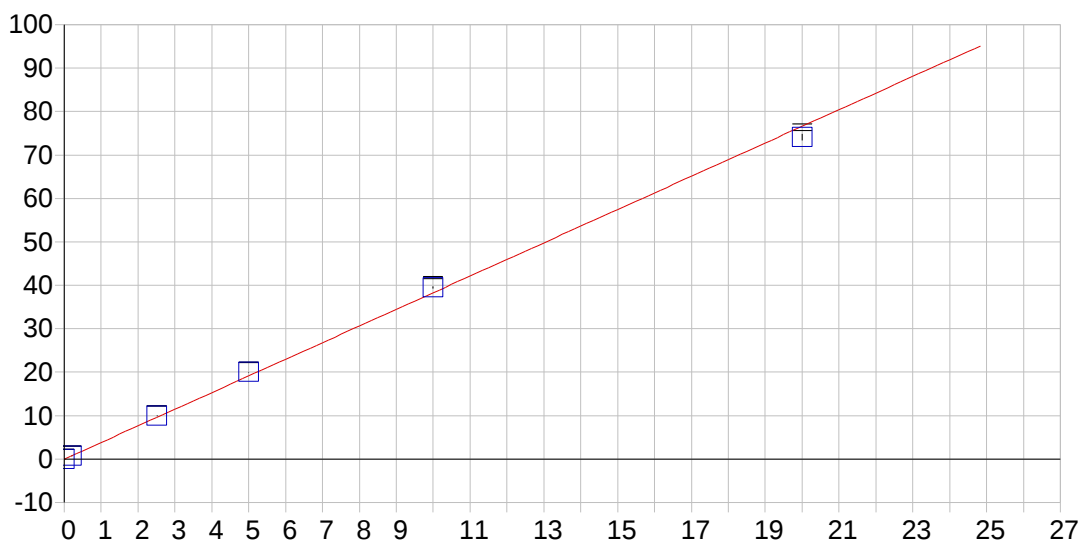


AI 396.152 { 85}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.076447 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000640
 Predicted MDL: 0.005794
 Predicted MQL: 0.019312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00001	.000	1
S1	.20000	.19770	-.002	-1.15	.01513	.000	1
S2	38.750	37.583	-1.17	-3.01	2.8759	.008	1
S3	77.500	77.260	-.240	-.310	5.9118	.028	1
S4	155.00	157.56	2.56	1.65	12.056	.046	1
S5	310.00	303.49	-6.51	-2.10	23.223	.029	1
S6	800.00	805.36	5.36	.670	61.567	.583	1

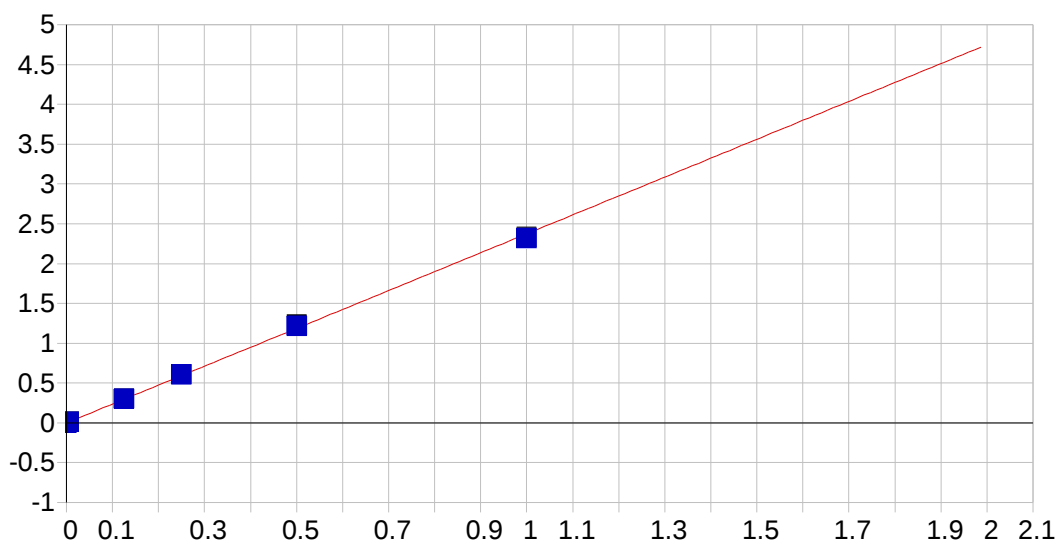


Ba 493.409 { 68}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019810 Re-Slope: 1.000000
 A1 (Gain): 3.830960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999388 Status: OK.
 Std Error of Est: 0.014246
 Predicted MDL: 0.000279
 Predicted MQL: 0.000931

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.01990	.001	1
S1	.20000	.20693	.007	3.47	.77293	.001	1
S2	2.5000	2.5950	.095	3.80	9.9217	.026	1
S3	5.0000	5.2322	.232	4.64	20.025	.089	1
S4	10.000	10.319	.319	3.19	39.512	.205	1
S5	20.000	19.347	-.653	-3.27	74.097	.710	1

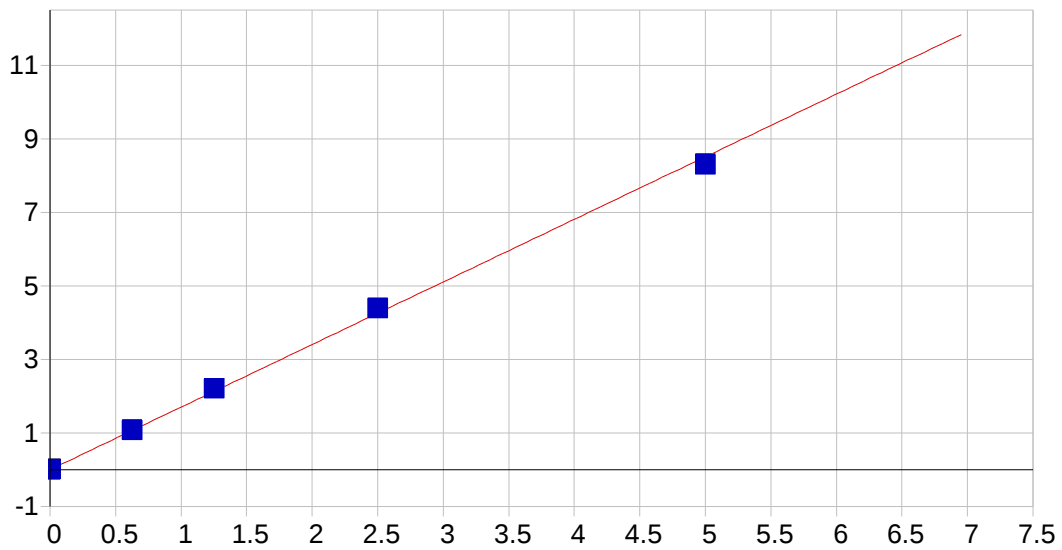


Be 234.861 {144}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001275 Re-Slope: 1.000000
 A1 (Gain): 2.374986 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999701 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.000098
 Predicted MQL: 0.000325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00128	.000	1
S1	.00500	.00543	.000	8.69	.01162	.000	1
S2	.12500	.12725	.002	1.80	.29964	.002	1
S3	.25000	.25602	.006	2.41	.60417	.001	1
S4	.50000	.51385	.014	2.77	1.2139	.009	1
S5	1.0000	.97745	-.023	-2.26	2.3098	.013	1

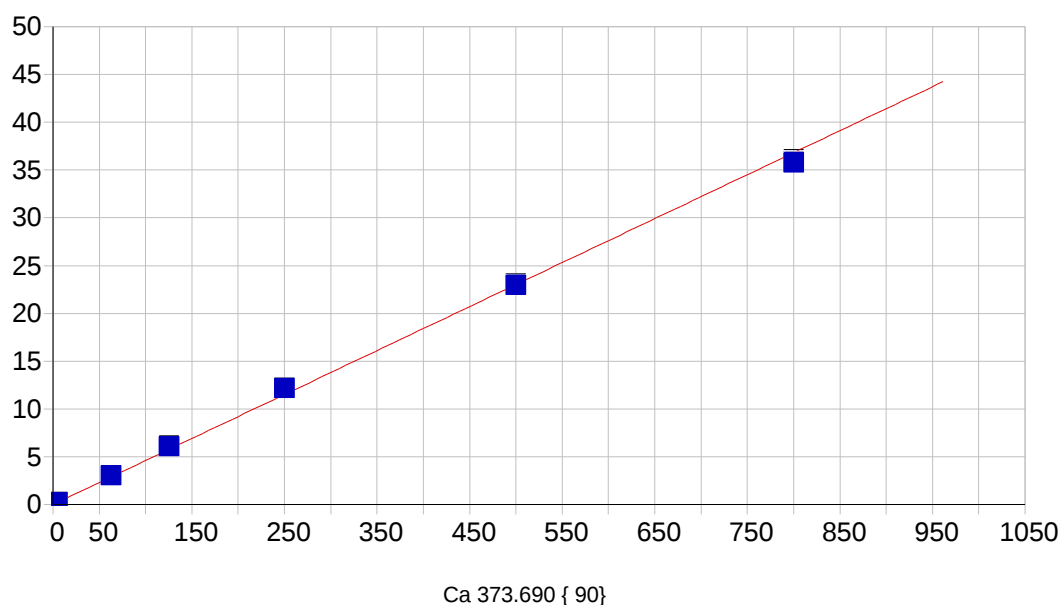


Cd 214.438 {457}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000199 Re-Slope: 1.000000
 A1 (Gain): 1.702120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999604 Status: OK.
 Std Error of Est: 0.000402
 Predicted MDL: 0.000104
 Predicted MQL: 0.000345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.00500	.00503	.000	.582	.00837	.000	1
S2	.62500	.63261	.008	1.22	1.0788	.003	1
S3	1.2500	1.2930	.043	3.44	2.2051	.002	1
S4	2.5000	2.5792	.079	3.17	4.3987	.007	1
S5	5.0000	4.8701	-.130	-2.60	8.3068	.018	1



Date of Fit: 12/15/2017 16:54:30

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001311

Re-Slope: 1.000000

A1 (Gain): 0.046017

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999423

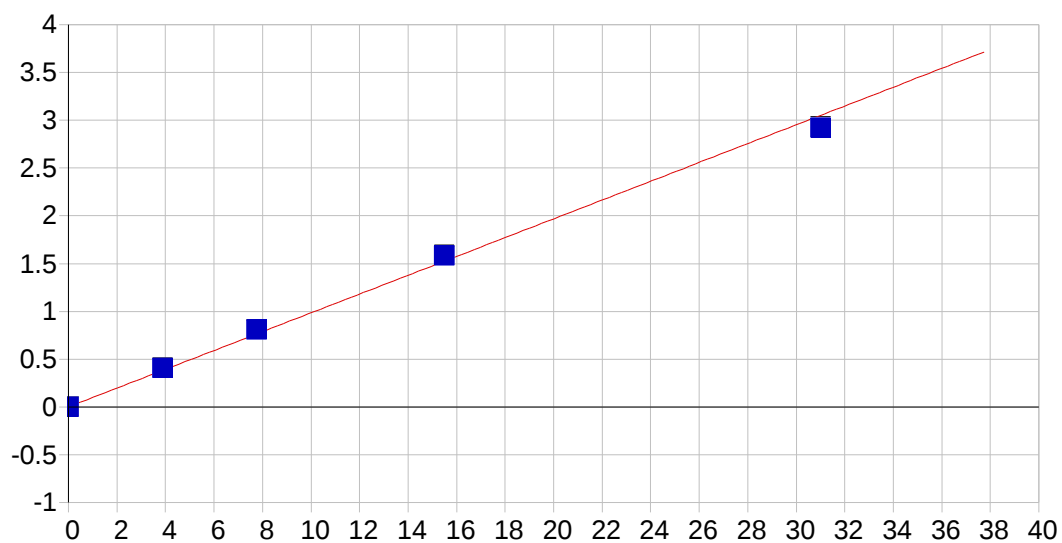
Status: OK.

Std Error of Est: 0.005484

Predicted MDL: 0.009254

Predicted MQL: 0.030848

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00090	-.001	.000	.00127	.000	1
S1	5.0000	5.2503	.250	5.01	.24294	.002	1
S2	62.500	65.490	2.99	4.78	3.0252	.010	1
S3	125.00	132.21	7.21	5.77	6.1056	.025	1
S4	250.00	263.88	13.9	5.55	12.185	.012	1
S5	500.00	499.19	-.808	-.162	23.055	.105	1
S6	800.00	776.54	-23.5	-2.93	35.954	.154	1

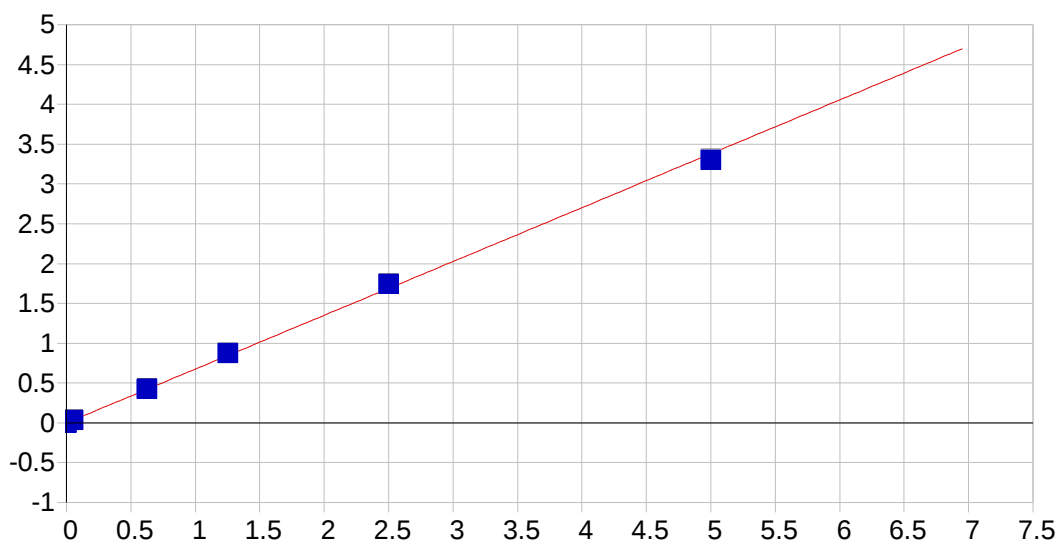


Cr 267.716 {126}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.098408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998969 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.000619
 Predicted MQL: 0.002062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01131	.001	13.1	.00111	.000	1
S2	3.8750	4.1423	.267	6.90	.40793	.001	1
S3	7.7500	8.1937	.444	5.73	.80693	.001	1
S4	15.500	16.084	.584	3.77	1.5841	.004	1
S5	31.000	29.703	-1.30	-4.18	2.9255	.008	1

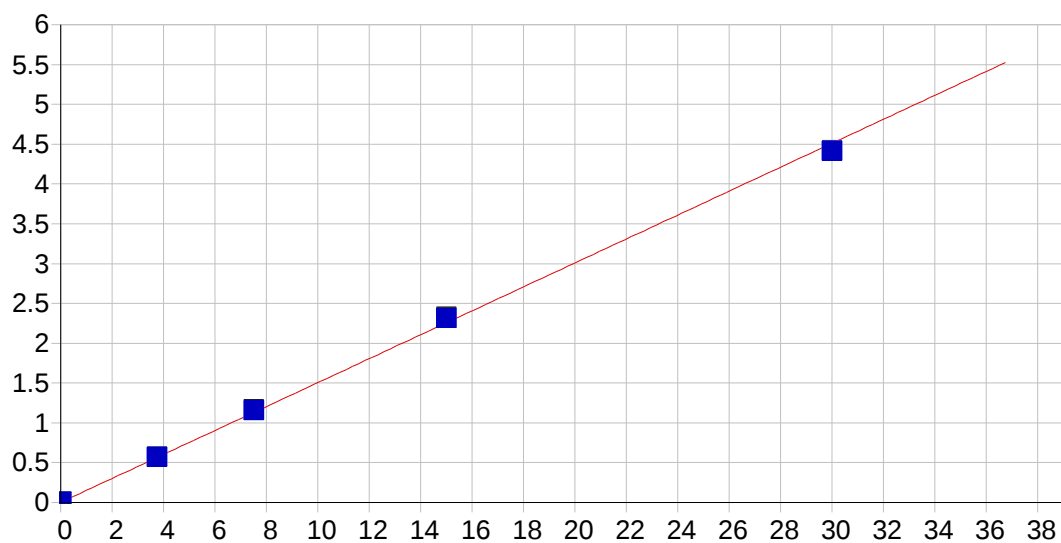


Co 228.616 {448}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.675769 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.000264
 Predicted MQL: 0.000882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.04789	-.002	-4.23	.03226	.000	1
S2	.62500	.63073	.006	.917	.42684	.001	1
S3	1.2500	1.2901	.040	3.21	.87329	.001	1
S4	2.5000	2.5730	.073	2.92	1.7419	.002	1
S5	5.0000	4.8833	-.117	-2.33	3.3064	.004	1

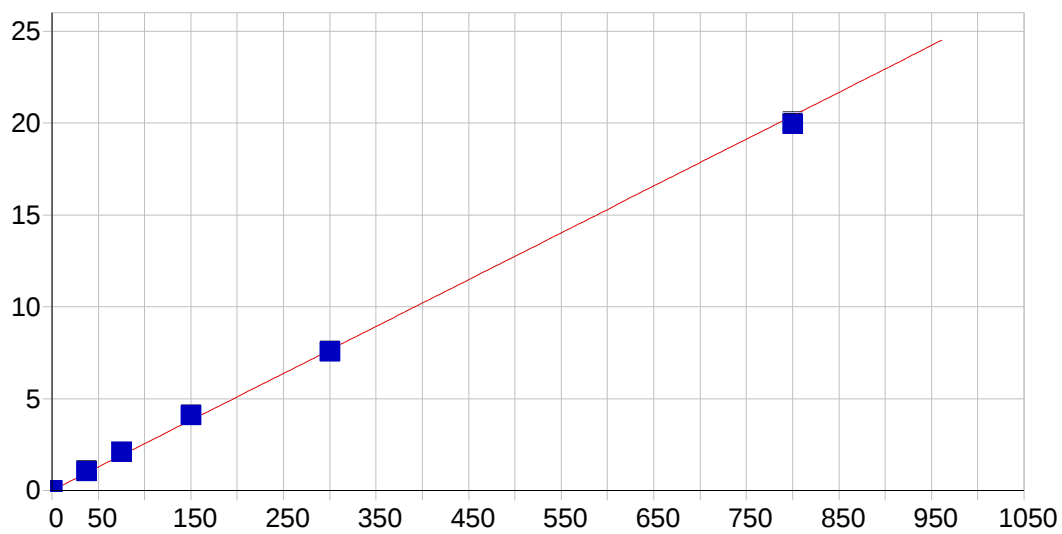


Cu 324.754 {104}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001757 Re-Slope: 1.000000
 A1 (Gain): 0.150315 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.001604
 Predicted MQL: 0.005348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00176	.000	1
S1	.02500	.02535	.000	1.41	.00556	.000	1
S2	3.7500	3.7882	.038	1.02	.57082	.003	1
S3	7.5000	7.6842	.184	2.46	1.1561	.007	1
S4	15.000	15.404	.404	2.69	2.3158	.011	1
S5	30.000	29.373	-.627	-2.09	4.4142	.004	1

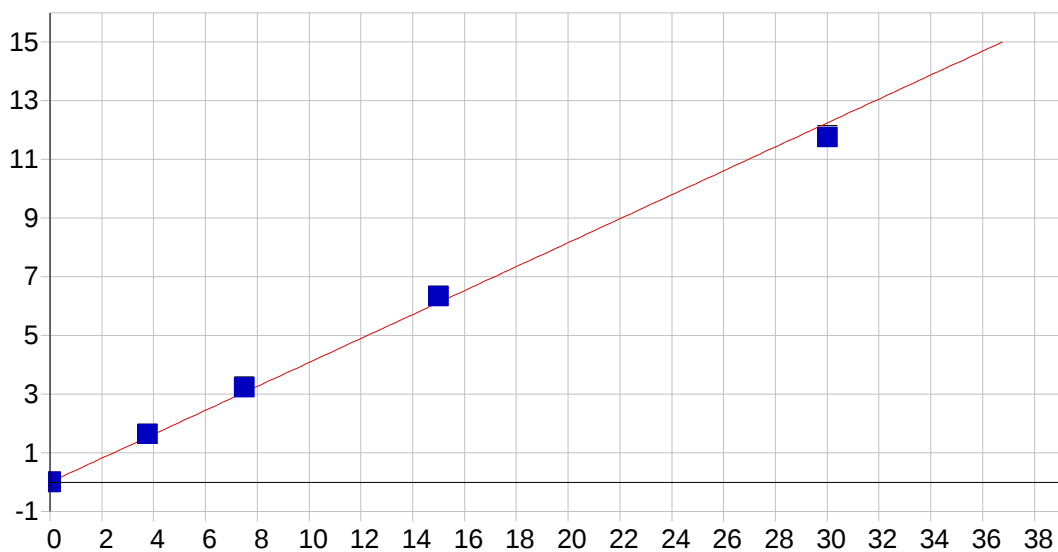


Fe 259.837 {130}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000193	Re-Slope: 1.000000
A1 (Gain):	0.025490	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999178	Status: OK.
Std Error of Est:	0.000454	
Predicted MDL:	0.006229	
Predicted MQL:	0.020763	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00019	.000	1
S1	.10000	.11031	.010	10.3	.00306	.000	1
S2	37.500	41.364	3.86	10.3	1.0597	.004	1
S3	75.000	82.303	7.30	9.74	2.1083	.008	1
S4	150.00	160.38	10.4	6.92	4.1086	.003	1
S5	300.00	295.82	-4.18	-1.39	7.5813	.009	1
S6	800.00	782.61	-17.4	-2.17	20.041	.027	1

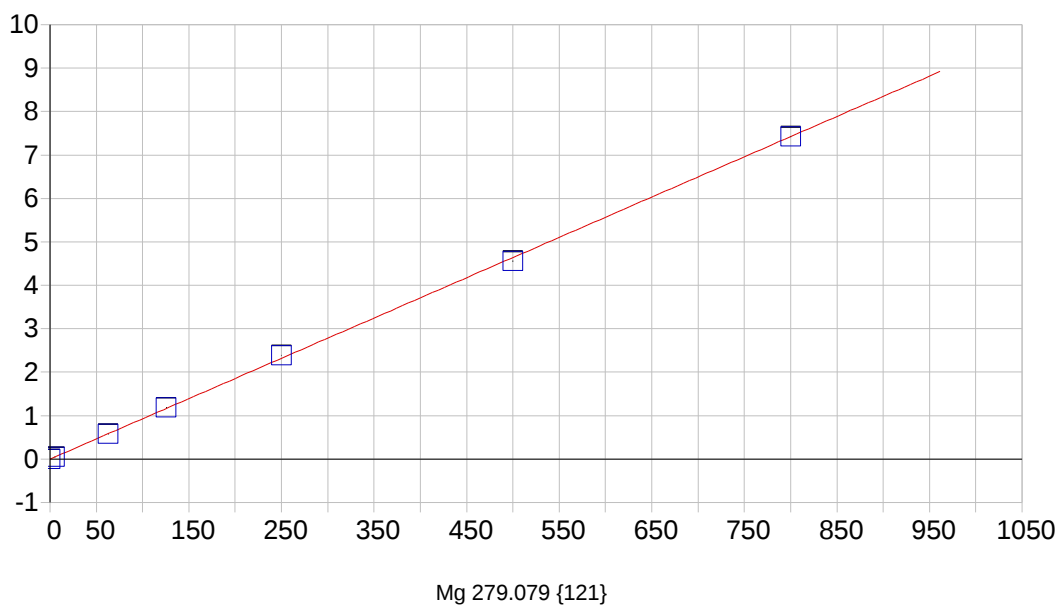


Mn 257.610 {131}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000111 Re-Slope: 1.000000
 A1 (Gain): 0.408249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999078 Status: OK.
 Std Error of Est: 0.000624
 Predicted MDL: 0.000394
 Predicted MQL: 0.001313

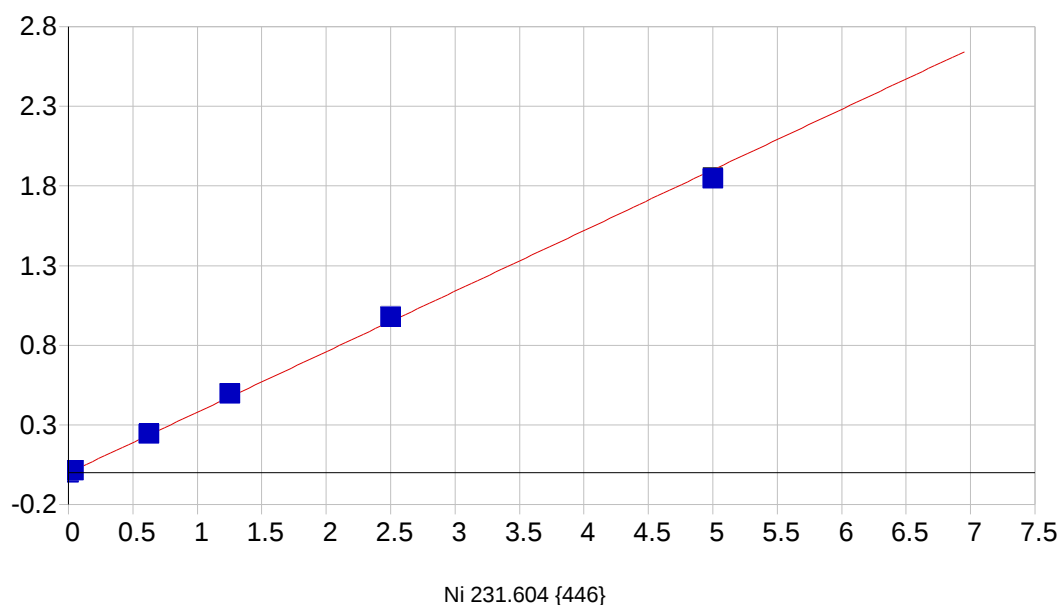
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01500	.01664	.002	11.0	.00669	.000	1
S2	3.7500	3.9872	.237	6.33	1.6280	.004	1
S3	7.5000	7.9178	.418	5.57	3.2330	.011	1
S4	15.000	15.529	.529	3.53	6.3409	.006	1
S5	30.000	28.815	-1.19	-3.95	11.766	.043	1



Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.009279 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000516
 Predicted MDL: 0.020186
 Predicted MQL: 0.067288

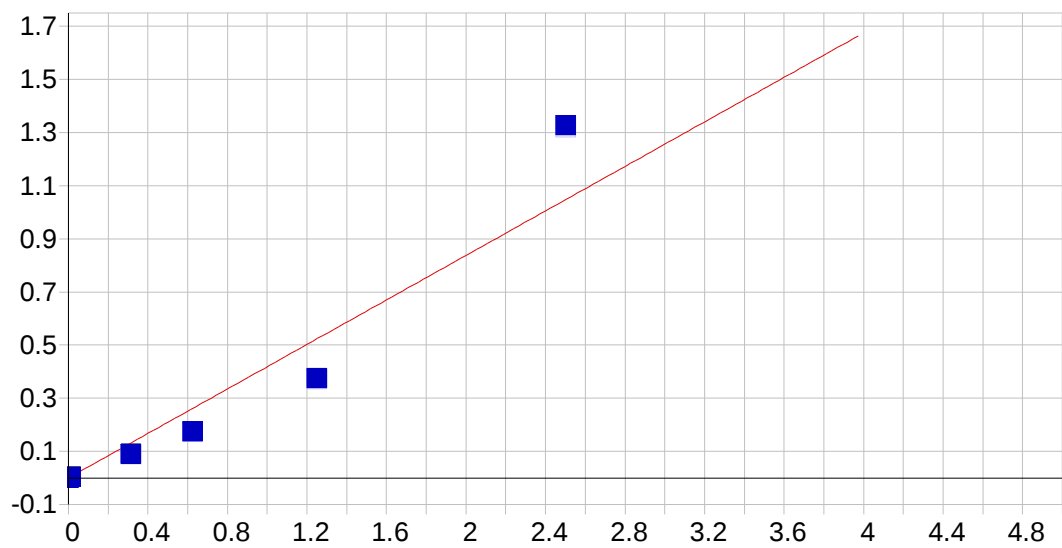
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00025	.000	1
S1	5.0000	4.9019	-.098	-1.96	.04524	.001	1
S2	62.500	62.255	-.245	-.393	.57743	.001	1
S3	125.00	127.42	2.42	1.94	1.1821	.003	1
S4	250.00	257.45	7.45	2.98	2.3887	.003	1
S5	500.00	490.79	-9.21	-1.84	4.5539	.011	1
S6	800.00	799.67	-.327	-.041	7.4201	.013	1



Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000956 Re-Slope: 1.000000
 A1 (Gain): 0.380281 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999507 Status: OK.
 Std Error of Est: 0.000284
 Predicted MDL: 0.000481
 Predicted MQL: 0.001604

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.04000	.03995	.000	-.128	.01424	.000	1
S2	.62500	.64147	.016	2.64	.24347	.001	1
S3	1.2500	1.3018	.052	4.15	.49508	.000	1
S4	2.5000	2.5782	.078	3.13	.98145	.001	1
S5	5.0000	4.8535	-.146	-2.93	1.8486	.003	1

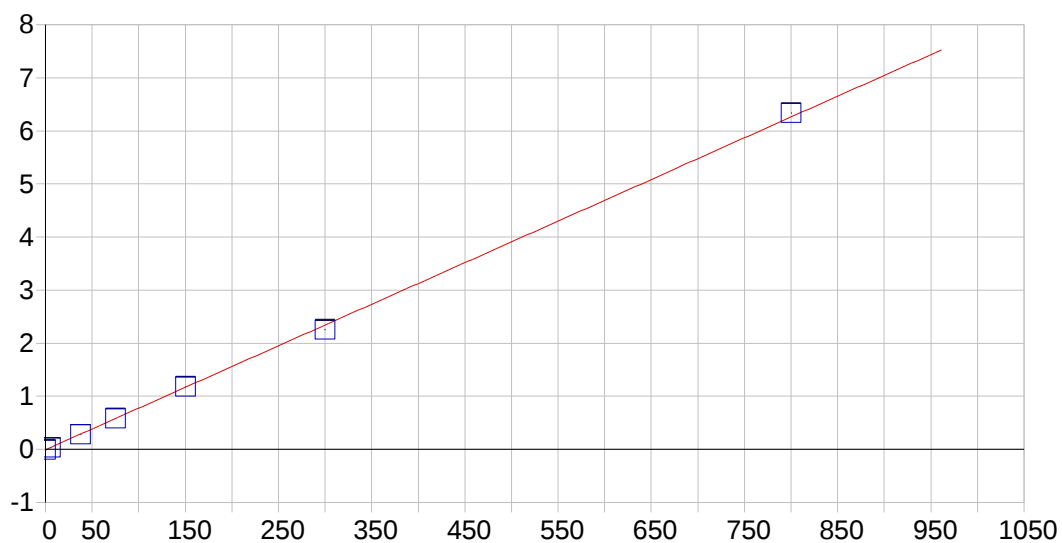


Ag 328.068 {103}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.418754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.961130 Status: OK.
 Std Error of Est: 0.001002
 Predicted MDL: 0.000266
 Predicted MQL: 0.000886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00010	.000	1
S1	.01000	.00772	-.002	-22.8	.00310	.000	1
S2	.31250	.21288	-.100	-31.9	.08815	.001	1
S3	.62500	.41610	-.209	-33.4	.17236	.001	1
S4	1.2500	.89311	-.357	-28.6	.37032	.000	1
S5	2.5000	3.1677	.668	26.7	1.3192	.000	1

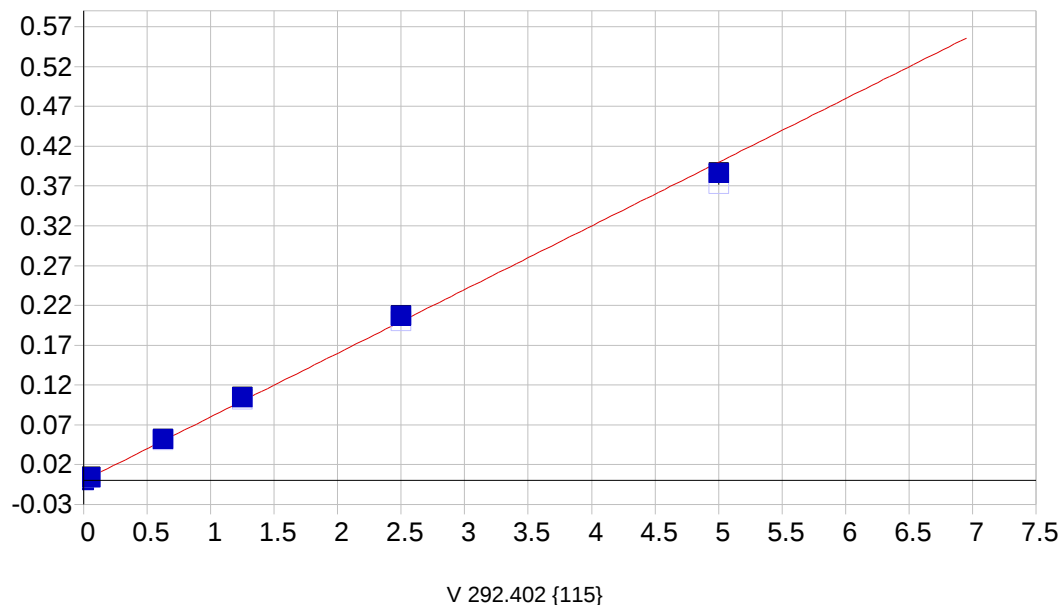


Na 818.326 { 41}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005668 Re-Slope: 1.000000
 A1 (Gain): 0.007832 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000496
 Predicted MDL: 0.126879
 Predicted MQL: 0.422930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	-.00567	.001	1
S1	5.0000	4.8374	-.163	-3.25	.03222	.000	1
S2	37.500	36.931	-.569	-1.52	.28356	.001	1
S3	75.000	75.369	.369	.491	.58459	.002	1
S4	150.00	151.64	1.64	1.10	1.1819	.004	1
S5	300.00	288.80	-11.2	-3.73	2.2561	.008	1
S6	800.00	809.92	9.92	1.24	6.3373	.004	1



Date of Fit: 12/15/2017 16:54:30

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000003

Re-Slope: 1.000000

A1 (Gain): 0.079942

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999259

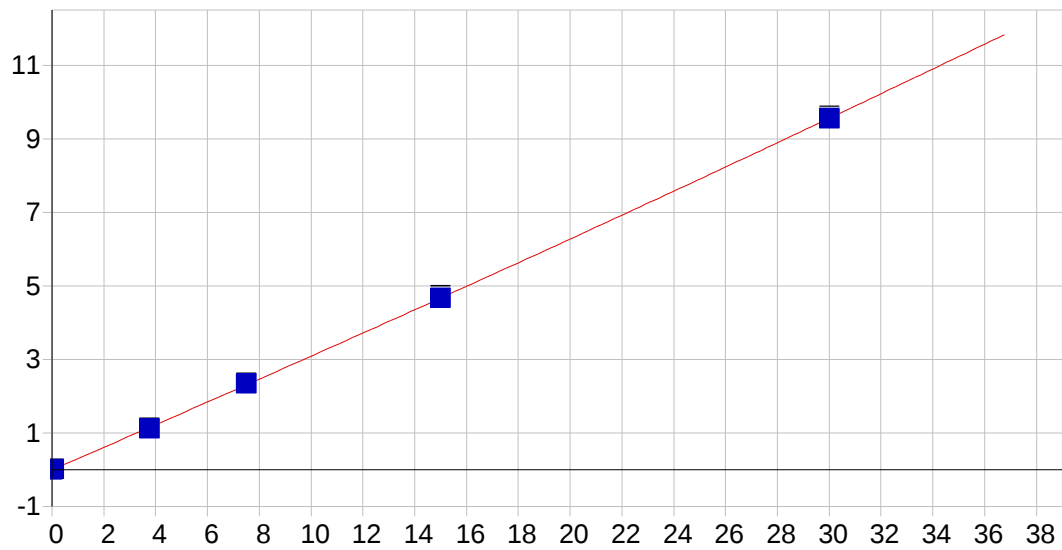
Status: OK.

Std Error of Est: 0.000079

Predicted MDL: 0.002343

Predicted MQL: 0.007809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00000	.000	1
S1	.05000	.05067	.001	1.34	.00404	.000	1
S2	.62500	.65011	.025	4.02	.05032	.000	1
S3	1.2500	1.3089	.059	4.71	.10134	.000	1
S4	2.5000	2.5895	.090	3.58	.20042	.000	1
S5	5.0000	4.8257	-.174	-3.49	.37259	.001	1

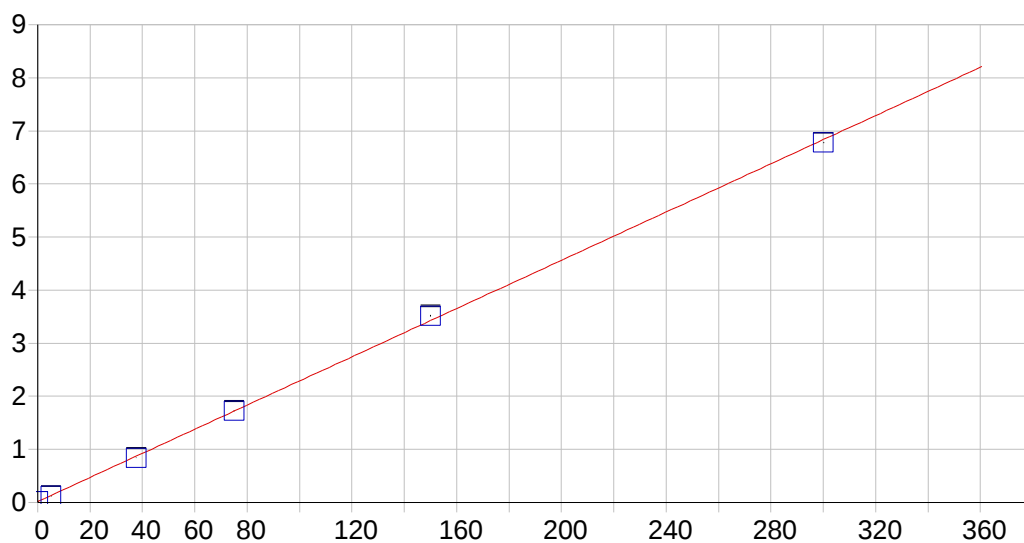


Zn 213.856 {158}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000377 Re-Slope: 1.000000
 A1 (Gain): 0.303928 Y-int: 0.000000
 A2 (Curvature): 0.000488
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: Warning Positive Curvature
 Std Error of Est: 0.000225
 Predicted MDL: 0.002478
 Predicted MQL: 0.008259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.06000	.05752	-.002	-4.13	.01717	.001	1
S2	3.7500	3.6527	-.097	-2.59	1.1194	.012	1
S3	7.5000	7.6163	.116	1.55	2.3489	.008	1
S4	15.000	14.999	-.001	-.009	4.6801	.057	1
S5	30.000	29.985	-.015	-.051	9.5759	.038	1

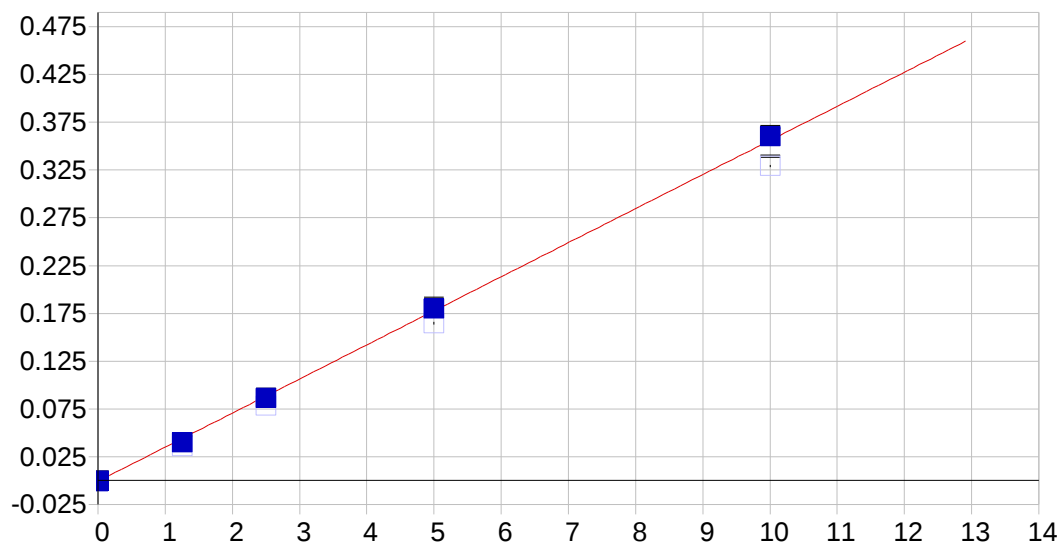


K 769.896 { 44}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017378 Re-Slope: 1.000000
 A1 (Gain): 0.022722 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000886
 Predicted MDL: 0.036906
 Predicted MQL: 0.123021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	.01739	.000	1
S1	5.0000	4.6402	-.360	-7.20	.12281	.001	1
S2	37.500	36.173	-1.33	-3.54	.83931	.005	1
S3	75.000	75.042	.042	.056	1.7225	.012	1
S4	150.00	154.07	4.07	2.71	3.5182	.012	1
S5	300.00	297.57	-2.43	-.809	6.7789	.004	1

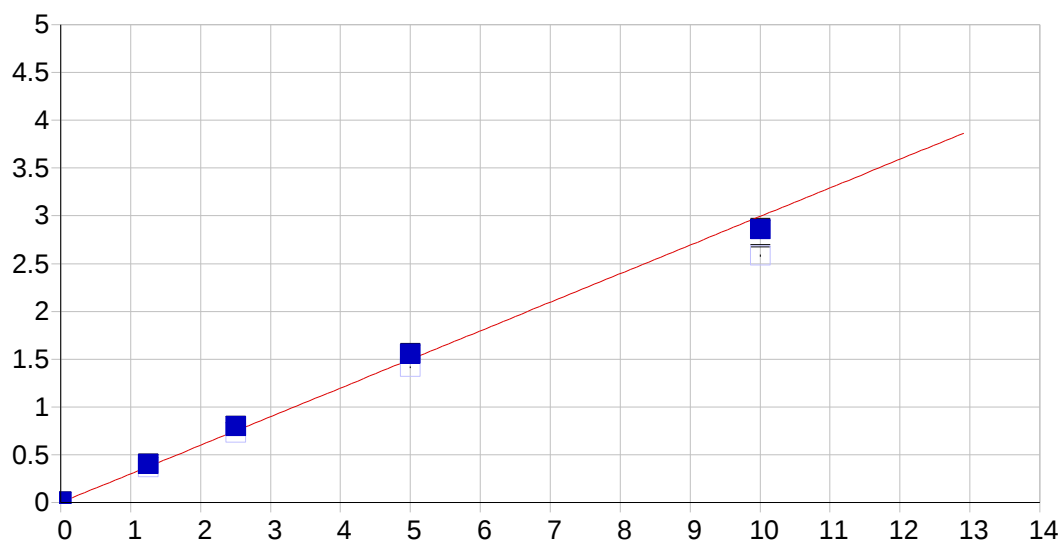


P 177.495 {490}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000672 Re-Slope: 1.000000
 A1 (Gain): 0.035671 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999511 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002526
 Predicted MQL: 0.008419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00067	.000	1
S1	.01000	.01326	.003	32.6	-.00022	.000	1
S2	1.2500	1.1355	-.114	-9.16	.03599	.000	1
S3	2.5000	2.4348	-.065	-2.61	.07849	.000	1
S4	5.0000	5.0652	.065	1.30	.16462	.002	1
S5	10.000	10.111	.111	1.11	.32924	.001	1

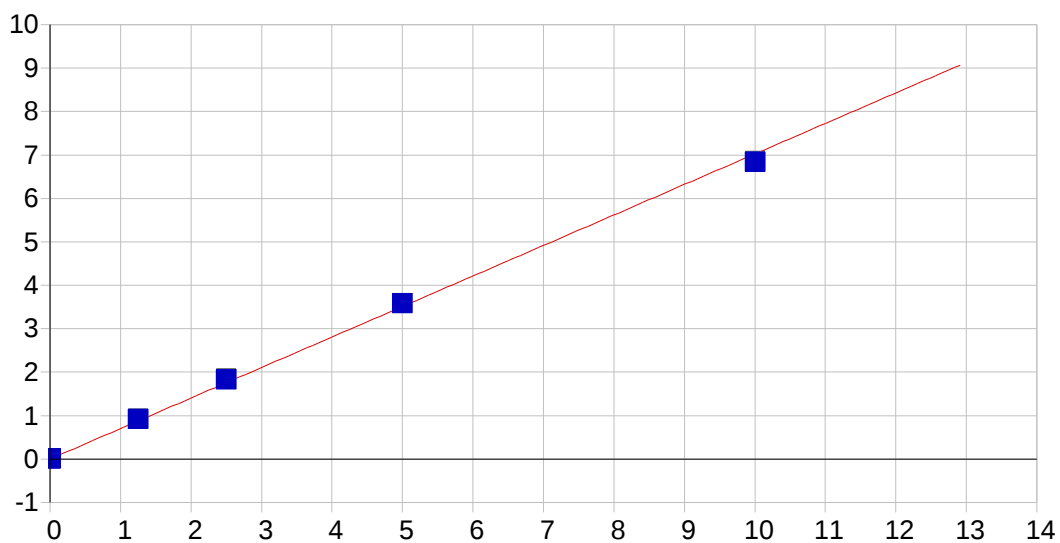


B 249.678 {135}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.299260 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998526 Status: OK.
 Std Error of Est: 0.000248
 Predicted MDL: 0.000943
 Predicted MQL: 0.003145

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.01000	.01126	.001	12.6	.00389	.000	1
S2	1.2500	1.3421	.092	7.36	.36776	.002	1
S3	2.5000	2.6658	.166	6.63	.72945	.002	1
S4	5.0000	5.1922	.192	3.84	1.4166	.009	1
S5	10.000	9.5486	-.451	-4.51	2.5825	.013	1



Date of Fit: 12/15/2017 16:54:30

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000136

Re-Slope: 1.000000

A1 (Gain): 0.702434

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999593

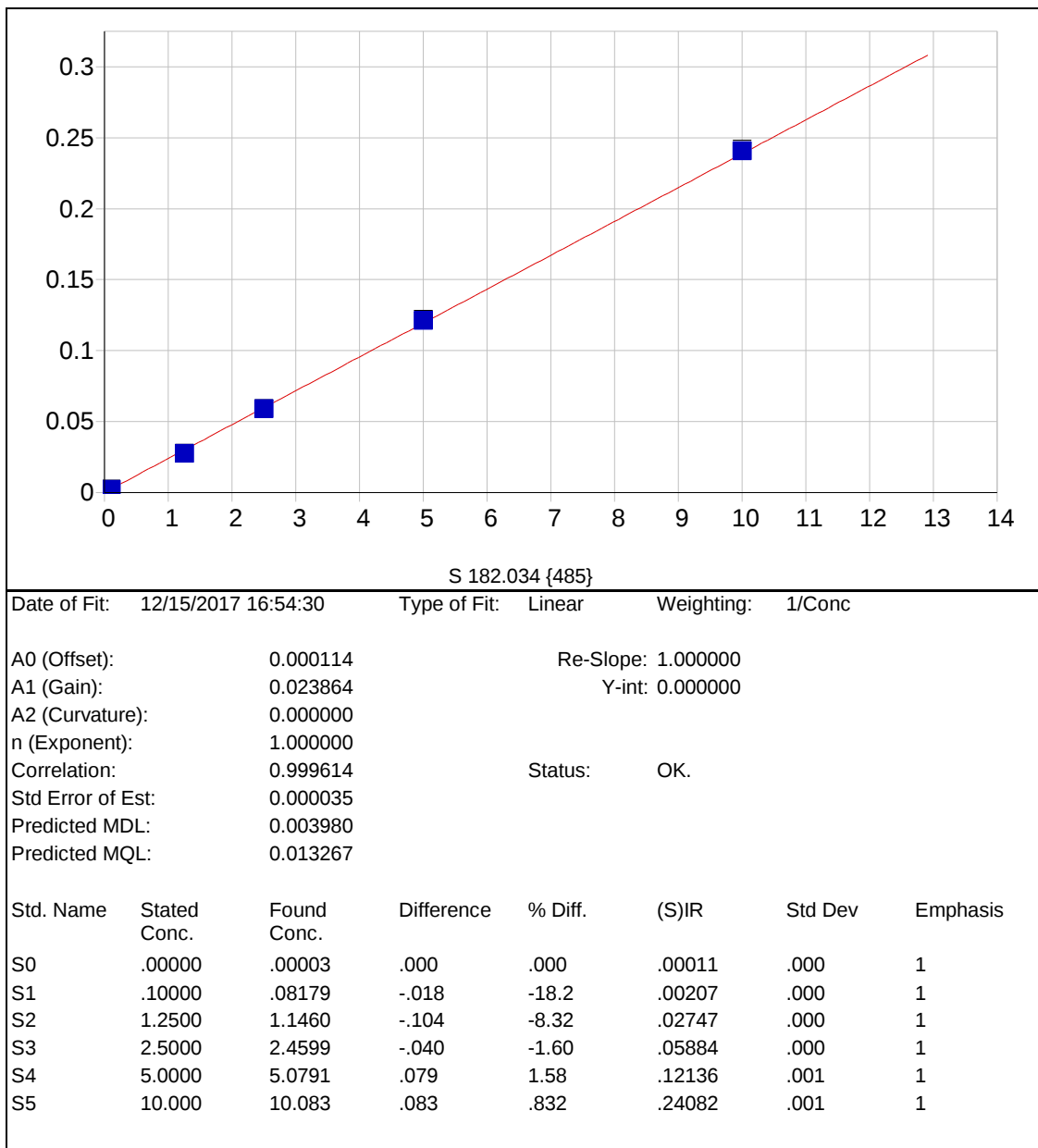
Status: OK.

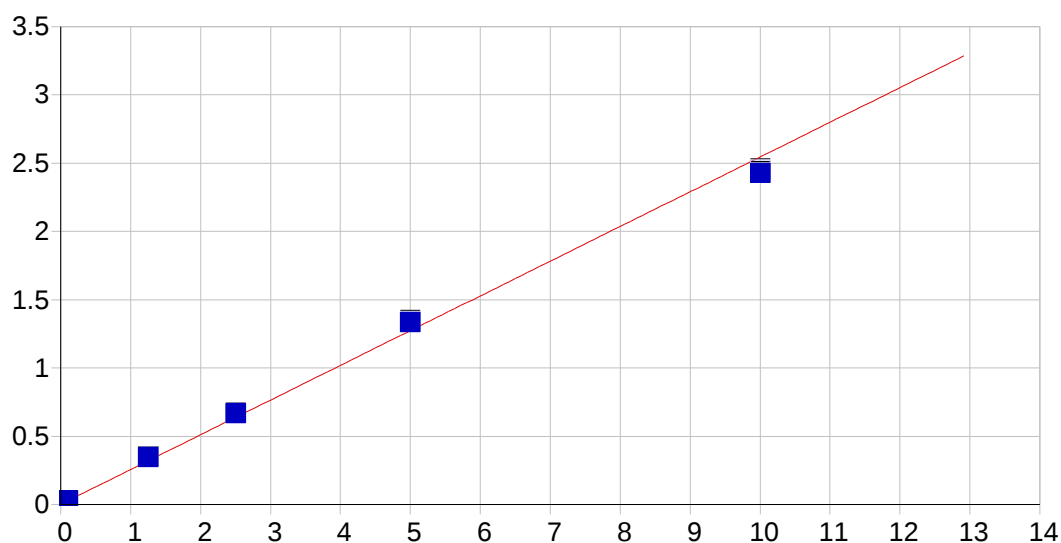
Std Error of Est: 0.000336

Predicted MDL: 0.000304

Predicted MQL: 0.001013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01072	.001	7.17	.00766	.000	1
S2	1.2500	1.3002	.050	4.01	.91339	.003	1
S3	2.5000	2.6047	.105	4.19	1.8297	.007	1
S4	5.0000	5.1032	.103	2.06	3.5847	.002	1
S5	10.000	9.7412	-.259	-2.59	6.8424	.009	1



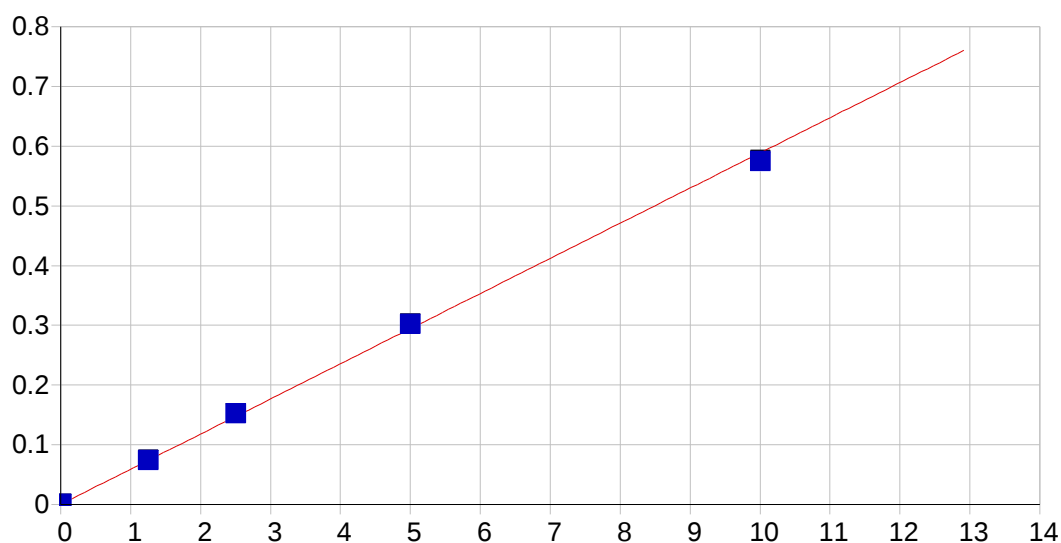


Si 251.611 {134}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001991 Re-Slope: 1.000000
 A1 (Gain): 0.254318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998785 Status: OK.
 Std Error of Est: 0.000672
 Predicted MDL: 0.001130
 Predicted MQL: 0.003768

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00199	.000	1
S1	.10000	.10904	.009	9.04	.02981	.000	1
S2	1.2500	1.3569	.107	8.55	.34968	.001	1
S3	2.5000	2.6112	.111	4.45	.67127	.001	1
S4	5.0000	5.2313	.231	4.63	1.3428	.009	1
S5	10.000	9.5416	-.458	-4.58	2.4494	.009	1

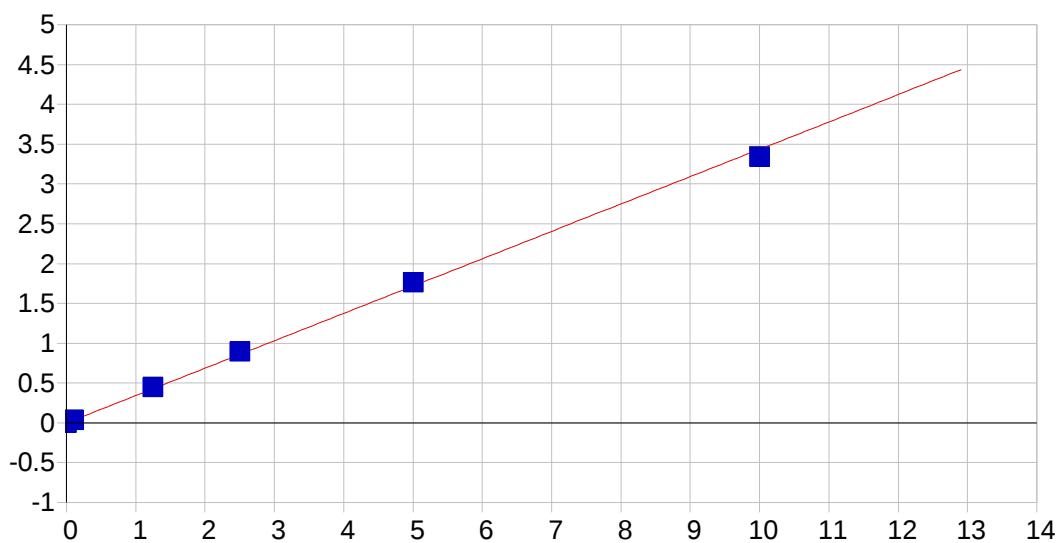


Sn 189.989 {478}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.058855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.001428
 Predicted MQL: 0.004759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00562	-.001	-19.7	.00048	.000	1
S2	1.2500	1.2547	.005	.378	.07385	.000	1
S3	2.5000	2.5891	.089	3.56	.15222	.000	1
S4	5.0000	5.1385	.139	2.77	.30194	.000	1
S5	10.000	9.7690	-.231	-2.31	.57382	.002	1

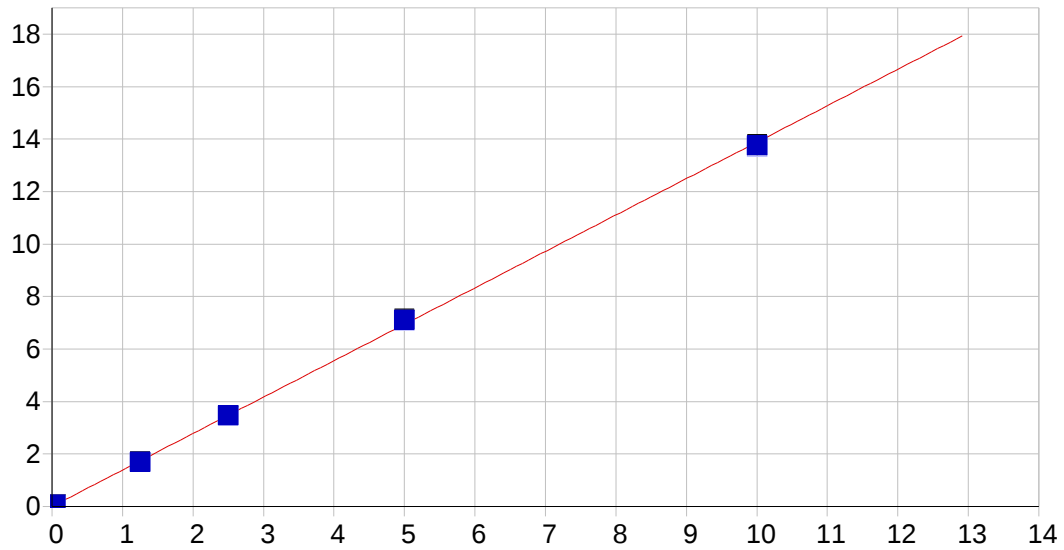


Ti 336.121 {100}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.343523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999536 Status: OK.
 Std Error of Est: 0.000556
 Predicted MDL: 0.000873
 Predicted MQL: 0.002909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00018	.000	1
S1	.10000	.10141	.001	1.41	.03501	.001	1
S2	1.2500	1.3018	.052	4.14	.44722	.002	1
S3	2.5000	2.5984	.098	3.94	.89249	.002	1
S4	5.0000	5.1312	.131	2.62	1.7622	.002	1
S5	10.000	9.7171	-.283	-2.83	3.3369	.011	1



Li 670.784 { 50}

Date of Fit: 12/15/2017 16:54:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003434 Re-Slope: 1.000000
 A1 (Gain): 1.387874 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000806
 Predicted MDL: 0.000667
 Predicted MQL: 0.002224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00344	.000	1
S5	10.000	9.9142	-.086	-.858	13.685	.032	1
S4	5.0000	5.1221	.122	2.44	7.0732	.032	1
S3	2.5000	2.4937	-.006	-.250	3.4449	.012	1
S2	1.2500	1.2230	-.027	-2.16	1.6911	.006	1
S1	.05000	.04694	-.003	-6.11	.06845	.001	1



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

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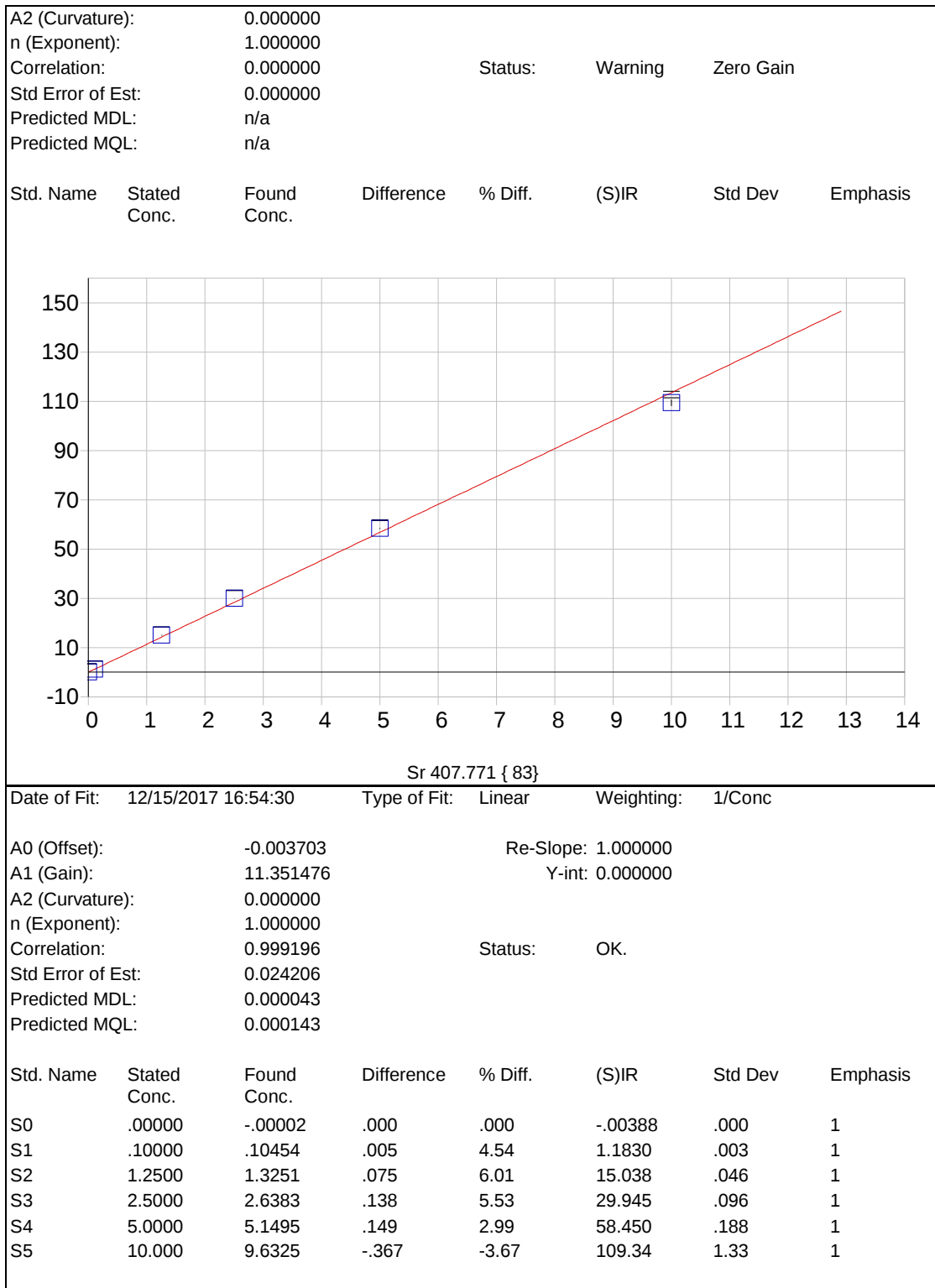
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000





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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 12/15/2017 16:17:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	-.00019	-.00021	-.00026	.00007	.00032	-.00001	-.01990	-.00128
Stddev	.00019	.00006	.00005	.00018	.00010	.00035	.00089	.00015
%RSD	99.075	26.838	20.858	270.24	30.542	4719.3	4.4686	11.959

#1	-.00040	-.00020	-.00024	.00011	.00036	.00039	-.02015	-.00115
#2	-.00012	-.00016	-.00033	.00022	.00038	-.00027	-.01891	-.00123
#3	-.00004	-.00027	-.00023	-.00013	.00021	-.00014	-.02064	-.00145

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	-.00020	.00127	.00000	-.00022	.00176	.00019	-.00011	-.00025
Stddev	.00008	.00036	.0000	.00008	.00003	.00010	.00009	.00011
%RSD	37.968	28.636	736.48	34.853	1.5632	52.176	76.664	43.773

#1	-.00019	.00166	.00000	-.00024	.00173	.00017	-.00014	-.00013
#2	-.00028	.00122	-.00004	-.00030	.00176	.00010	-.00001	-.00034
#3	-.00013	.00093	.00002	-.00014	.00178	.00030	-.00018	-.00026

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	-.00096	-.00010	-.00567	.00000	-.00038	.01739	-.00067	.00059
Stddev	.00017	.00004	.00076	.0001	.00016	.00046	.00007	.00016
%RSD	17.979	42.184	13.447	2286.5	43.545	2.6580	10.908	26.543

#1	-.00084	-.00006	-.00528	-.00008	-.00024	.01776	-.00068	.00053
#2	-.00115	-.00010	-.00654	.00001	-.00032	.01687	-.00060	.00048
#3	-.00087	-.00014	-.00518	.00006	-.00056	.01754	-.00074	.00077

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	.00013	.00011	.00199	.00017	.00018	.00344	-.00388	
Stddev	.00018	.00006	.00022	.00009	.00020	.00038	.00016	
%RSD	135.94	54.478	11.069	55.641	115.17	11.087	4.1851	

#1	.00025	.00018	.00180	.00013	-.00001	.00334	-.00373	
#2	-.00008	.00012	.00223	.00010	.00014	.00311	-.00385	
#3	.00023	.00005	.00193	.00027	.00039	.00386	-.00405	

Sample Name: S0 Acquired: 12/15/2017 16:17:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	1236.4	2444.0	43087.	9350.1	3918.1
Stddev	13.4	16.4	128.	62.2	21.6
%RSD	1.0821	.67006	.29649	.66522	.55151
#1	1223.6	2426.9	42977.	9295.5	3893.4
#2	1235.3	2445.5	43058.	9337.0	3927.1
#3	1250.3	2459.6	43227.	9417.8	3933.7

Sample Name: S1 Acquired: 12/15/2017 16:21:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.00024	.00088	.00127	.00233	.00768	.01513	.77293	.01162
Stddev	.00012	.00004	.00013	.00016	.00009	.00009	.00102	.00009
%RSD	48.513	4.1911	10.367	6.7361	1.1394	.57914	.13135	.77609

#1	.00037	.00086	.00132	.00248	.00764	.01512	.77405	.01169
#2	.00020	.00092	.00137	.00235	.00763	.01522	.77269	.01152
#3	.00015	.00086	.00112	.00217	.00778	.01504	.77206	.01165

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	.00837	.24294	.00111	.03226	.00556	.00306	.00669	.04524
Stddev	.00006	.00175	.00001	.00013	.00006	.00012	.00020	.00051
%RSD	.76803	.72225	.75595	.39177	1.0548	3.8561	2.9651	1.1295

#1	.00843	.24092	.00111	.03227	.00559	.00298	.00650	.04473
#2	.00837	.24388	.00110	.03213	.00549	.00319	.00689	.04575
#3	.00830	.24403	.00112	.03239	.00560	.00300	.00666	.04524

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	.01424	.00310	.03222	.00404	.01717	.12281	-.00022	.00389
Stddev	.00020	.00014	.00037	.00006	.00149	.00091	.00003	.00016
%RSD	1.4195	4.6104	1.1628	1.4978	8.6827	.74453	14.256	3.9879

#1	.01434	.00299	.03223	.00399	.01689	.12261	-.00019	.00402
#2	.01401	.00326	.03184	.00403	.01584	.12381	-.00022	.00394
#3	.01438	.00306	.03259	.00411	.01878	.12202	-.00025	.00372

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	.00766	.00207	.02981	.00048	.03501	.06845	1.1830	
Stddev	.00022	.00003	.00033	.00005	.00059	.00123	.0031	
%RSD	2.8735	1.3987	1.0928	9.8286	1.6716	1.7915	.26407	

#1	.00787	.00203	.03010	.00045	.03559	.06978	1.1863	
#2	.00768	.00208	.02987	.00054	.03442	.06737	1.1801	
#3	.00743	.00209	.02946	.00046	.03501	.06819	1.1827	

Sample Name: S1 Acquired: 12/15/2017 16:21:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	1273.2	2496.1	43517.	9607.3	3877.8
Stddev	6.2	7.8	64.	17.6	10.1
%RSD	.48489	.31167	.14673	.18325	.25949
#1	1276.5	2495.1	43540.	9605.5	3871.4
#2	1266.1	2488.9	43445.	9625.8	3872.7
#3	1277.1	2504.3	43567.	9590.7	3889.4

Sample Name: S2 Acquired: 12/15/2017 16:25:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.04553	.05283	.89323	.07439	.15839	2.8759	9.9217	.29964
Stddev	.00013	.00043	.00193	.00043	.00050	.0085	.0265	.00201
%RSD	.28135	.81353	.21596	.57495	.31275	.29444	.26667	.67055

#1	.04543	.05247	.89153	.07393	.15816	2.8855	9.9486	.30192
#2	.04549	.05271	.89285	.07477	.15896	2.8696	9.8958	.29812
#3	.04568	.05330	.89533	.07447	.15805	2.8726	9.9206	.29888

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	1.0788	3.0252	.40793	.42684	.57082	1.0597	1.6280	.57743
Stddev	.0027	.0100	.00067	.00138	.00307	.0041	.0040	.00129
%RSD	.24835	.33199	.16408	.32311	.53699	.38707	.24784	.22294

#1	1.0757	3.0289	.40858	.42533	.57431	1.0626	1.6304	.57708
#2	1.0807	3.0139	.40725	.42803	.56959	1.0550	1.6234	.57635
#3	1.0799	3.0329	.40797	.42717	.56857	1.0614	1.6303	.57885

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	.24347	.08815	.28356	.05032	1.1194	.83931	.03599	.36776
Stddev	.00087	.00050	.00107	.00024	.0121	.00469	.00017	.00173
%RSD	.35569	.57251	.37700	.48673	1.0790	.55905	.47342	.47175

#1	.24285	.08855	.28465	.05045	1.1059	.84449	.03580	.36964
#2	.24446	.08758	.28251	.05004	1.1229	.83808	.03603	.36622
#3	.24311	.08832	.28353	.05047	1.1293	.83535	.03613	.36743

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	.91339	.02747	.34968	.07385	.44722	1.6911	15.038	
Stddev	.00347	.00016	.00106	.00018	.00186	.0063	.046	
%RSD	.37998	.58572	.30192	.24104	.41541	.37372	.30352	

#1	.91299	.02762	.34968	.07372	.44633	1.6971	15.056	
#2	.91705	.02730	.35074	.07378	.44597	1.6845	14.987	
#3	.91014	.02749	.34863	.07405	.44935	1.6917	15.073	

Sample Name: S2 Acquired: 12/15/2017 16:25:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	1189.2	2333.4	41006.	9611.3	3330.0
Stddev	6.3	5.2	52.	27.7	1.4
%RSD	.52736	.22411	.12785	.28836	.04130
#1	1196.4	2329.0	40977.	9580.0	3328.4
#2	1186.1	2332.0	41067.	9621.1	3330.9
#3	1185.1	2339.2	40975.	9632.8	3330.7

Sample Name: S3 Acquired: 12/15/2017 16:29:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.09469	.10458	1.8081	.15186	.32373	5.9118	20.025	.60417
Stddev	.00040	.00038	.0028	.00064	.00116	.0285	.089	.00101
%RSD	.41880	.36013	.15577	.42354	.35720	.48193	.44644	.16728

#1	.09514	.10483	1.8049	.15249	.32492	5.8809	19.936	.60400
#2	.09454	.10476	1.8102	.15121	.32261	5.9174	20.024	.60525
#3	.09439	.10415	1.8092	.15189	.32367	5.9370	20.114	.60325

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2051	6.1056	.80693	.87329	1.1561	2.1083	3.2330	1.1821
Stddev	.0020	.0255	.00145	.00107	.0073	.0079	.0106	.0032
%RSD	.08896	.41734	.17990	.12202	.63000	.37510	.32636	.27435

#1	2.2033	6.0979	.80852	.87216	1.1477	2.1002	3.2315	1.1791
#2	2.2072	6.0849	.80567	.87344	1.1601	2.1086	3.2233	1.1818
#3	2.2048	6.1341	.80661	.87427	1.1605	2.1160	3.2442	1.1856

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	.49508	.17236	.58459	.10134	2.3489	1.7225	.07849	.72945
Stddev	.00045	.00070	.00186	.00042	.0085	.0122	.00037	.00199
%RSD	.09003	.40559	.31886	.41909	.36173	.70656	.46594	.27286

#1	.49513	.17313	.58261	.10122	2.3494	1.7098	.07807	.72859
#2	.49462	.17178	.58485	.10098	2.3401	1.7235	.07864	.73172
#3	.49550	.17215	.58631	.10181	2.3571	1.7341	.07875	.72803

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	1.8297	.05884	.67127	.15222	.89249	3.4449	29.945	
Stddev	.0067	.00028	.00078	.00024	.00249	.0120	.096	
%RSD	.36500	.47826	.11573	.15701	.27876	.34722	.32064	

#1	1.8372	.05890	.67085	.15195	.89304	3.4324	29.853	
#2	1.8245	.05853	.67217	.15236	.88977	3.4462	29.939	
#3	1.8273	.05908	.67080	.15236	.89465	3.4562	30.044	

Sample Name: S3 Acquired: 12/15/2017 16:29:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	1129.3	2223.5	39275.	9370.5	3069.8
Stddev	2.5	8.9	138.	28.8	4.0
%RSD	.22079	.39831	.35258	.30739	.13162
#1	1128.5	2214.1	39289.	9398.2	3066.6
#2	1132.1	2231.7	39406.	9372.5	3074.3
#3	1127.4	2224.8	39130.	9340.7	3068.4

Sample Name: S4 Acquired: 12/15/2017 16:33:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.19155	.20028	3.5690	.30114	.65246	12.056	39.512	1.2139
Stddev	.00015	.00094	.0030	.00087	.00140	.046	.205	.0095
%RSD	.07696	.46726	.08424	.28924	.21406	.37816	.51851	.78208

#1	.19172	.19926	3.5713	.30149	.65403	12.071	39.612	1.2043
#2	.19149	.20047	3.5656	.30015	.65202	12.093	39.647	1.2141
#3	.19144	.20110	3.5701	.30179	.65134	12.005	39.276	1.2233

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3987	12.185	1.5841	1.7419	2.3158	4.1086	6.3409	2.3887
Stddev	.0067	.012	.0044	.0018	.0111	.0031	.0058	.0025
%RSD	.15236	.10039	.27587	.10474	.48033	.07480	.09203	.10518

#1	4.3924	12.174	1.5791	1.7413	2.3197	4.1093	6.3431	2.3903
#2	4.3979	12.183	1.5872	1.7404	2.3244	4.1052	6.3343	2.3858
#3	4.4057	12.198	1.5859	1.7439	2.3032	4.1113	6.3453	2.3900

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	.98145	.37032	1.1819	.20042	4.6801	3.5182	.16462	1.4166
Stddev	.00112	.00040	.0038	.00022	.0568	.0121	.00156	.0089
%RSD	.11426	.10913	.32266	.11010	1.2135	.34479	.94812	.62847

#1	.98125	.36989	1.1830	.20020	4.7457	3.5218	.16291	1.4069
#2	.98044	.37069	1.1851	.20064	4.6466	3.5281	.16499	1.4185
#3	.98266	.37037	1.1777	.20041	4.6481	3.5047	.16597	1.4244

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.5847	.12136	1.3428	.30194	1.7622	7.0732	58.450	
Stddev	.0023	.00059	.0085	.00041	.0022	.0322	.188	
%RSD	.06449	.48592	.63332	.13433	.12554	.45505	.32093	

#1	3.5849	.12071	1.3331	.30148	1.7639	7.0732	58.249	
#2	3.5869	.12186	1.3467	.30224	1.7597	7.1054	58.482	
#3	3.5822	.12152	1.3487	.30211	1.7631	7.0411	58.620	

Sample Name: S4 Acquired: 12/15/2017 16:33:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	1085.9	2129.4	38157.	9281.1	2855.3
Stddev	11.0	6.3	184.	11.2	6.8
%RSD	1.0086	.29746	.48197	.12044	.23680
#1	1073.8	2122.3	37969.	9293.4	2849.7
#2	1088.6	2134.7	38166.	9278.2	2862.8
#3	1095.2	2131.0	38337.	9271.7	2853.3

Sample Name: S5 Acquired: 12/15/2017 16:37:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.37847	.36943	6.7217	.59084	1.3001	23.223	74.097	2.3098
Stddev	.00044	.00185	.0098	.00226	.0029	.029	.710	.0132
%RSD	.11693	.50207	.14647	.38287	.22071	.12548	.95795	.57197

#1	.37884	.37130	6.7297	.58838	1.2972	23.193	74.857	2.2966
#2	.37861	.36759	6.7107	.59283	1.3002	23.226	73.451	2.3230
#3	.37798	.36938	6.7246	.59130	1.3029	23.251	73.984	2.3096

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	8.3068	23.055	2.9255	3.3064	4.4142	7.5813	11.766	4.5539
Stddev	.0183	.105	.0081	.0045	.0040	.0095	.043	.0107
%RSD	.22014	.45566	.27834	.13472	.09053	.12477	.36731	.23508

#1	8.3268	22.958	2.9219	3.3116	4.4174	7.5781	11.726	4.5474
#2	8.2910	23.039	2.9348	3.3036	4.4154	7.5739	11.761	4.5482
#3	8.3026	23.167	2.9197	3.3041	4.4097	7.5920	11.812	4.5663

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	1.8486	1.3192	2.2561	.37259	9.5759	6.7789	.32924	2.5825
Stddev	.0029	.0003	.0080	.00082	.0379	.0042	.00141	.0132
%RSD	.15708	.02560	.35457	.22123	.39612	.06206	.42729	.51058

#1	1.8519	1.3196	2.2485	.37173	9.6181	6.7755	.33086	2.5675
#2	1.8463	1.3191	2.2554	.37268	9.5649	6.7836	.32840	2.5924
#3	1.8477	1.3190	2.2644	.37337	9.5446	6.7775	.32845	2.5875

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.8424	.24082	2.4494	.57382	3.3369	13.685	109.34	
Stddev	.0089	.00096	.0091	.00167	.0113	.032	1.33	
%RSD	.13037	.39840	.37135	.29190	.33749	.23082	1.2176	

#1	6.8383	.24192	2.4398	.57537	3.3418	13.686	110.19	
#2	6.8362	.24038	2.4579	.57204	3.3241	13.653	110.02	
#3	6.8526	.24016	2.4506	.57404	3.3450	13.716	107.81	

Sample Name: S5 Acquired: 12/15/2017 16:37:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	977.19	1940.7	35743.	9006.3	2563.5
Stddev	3.10	6.4	91.	17.8	3.1
%RSD	.31745	.33104	.25515	.19719	.12098
#1	973.93	1948.0	35639.	9026.8	2566.8
#2	977.53	1938.0	35809.	8997.9	2563.0
#3	980.10	1936.1	35782.	8994.4	2560.6

Sample Name: S6 Acquired: 12/15/2017 16:41:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	61.567	35.954	20.041	7.4201	6.3373
Stddev	.583	.154	.027	.0135	.0041
%RSD	.94742	.42815	.13599	.18136	.06536

#1	61.916	35.896	20.072	7.4357	6.3402
#2	60.894	35.837	20.019	7.4124	6.3391
#3	61.892	36.128	20.032	7.4123	6.3325

Int. Std.	Y_3710
Units	Cts/S
Avg	8755.7
Stddev	46.7
%RSD	.53307

#1	8704.7
#2	8796.2
#3	8766.3

Sample Name: ICV Acquired: 12/15/2017 16:46:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.9476495	1.038700	1.015481	.9802688	.9390188	2.309035
Stddev	.0089502	.009060	.004803	.0035682	.0035115	.007973
%RSD	.9444582	.8722385	.4730129	.3639992	.3739492	.3452795

#1	.9416382	1.039476	1.015666	.9840948	.9425909	2.315488
#2	.9579355	1.029277	1.010588	.9770317	.9355713	2.311493
#3	.9433749	1.047347	1.020189	.9796798	.9388943	2.300122

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5129878	.4958545	.4742210	10.25435	.5184299	.4810744
Stddev	.0010040	.0004100	.0025376	.06545	.0011714	.0020108
%RSD	.1957161	.0826867	.5351132	.6382753	.2259525	.4179779

#1	.5133461	.4956669	.4718768	10.17967	.5172429	.4787869
#2	.5137635	.4963247	.4738707	10.28160	.5184619	.4818735
#3	.5118538	.4955718	.4769156	10.30177	.5195850	.4825628

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4983035	5.482381	.5322125	5.659085	.4914716	F .3585199
Stddev	.0026368	.014686	.0003334	.020731	.0022290	.0005936
%RSD	.5291506	.2678745	.0626439	.3663376	.4535444	.1655629

#1	.4985449	5.465429	.5320130	5.639609	.4889964	.3585432
#2	.5008113	5.491245	.5320270	5.656769	.4920981	.3579150
#3	.4955543	5.490468	.5325974	5.680877	.4933204	.3591015

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.536963	.5157797	.9500732	9.275849	F .0137588	F .0072513
Stddev	.126895	.0013226	.0119775	.014651	.0027810	.0006752
%RSD	1.330555	.2564312	1.260692	.1579446	20.21238	9.312188

#1	9.644510	.5142851	.9474819	9.287801	.0127549	.0066389
#2	9.569371	.5162546	.9396035	9.280242	.0169023	.0071395
#3	9.397007	.5167992	.9631342	9.259505	.0116191	.0079755

Sample Name: ICV Acquired: 12/15/2017 16:46:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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 .0003949	.0103170	.0026619	F -.001304	.0003666	.0054926
Stddev	.0003594	.0028612	.0005896	.000373	.0004331	.0007603
%RSD	90.99209	27.73274	22.14845	28.62353	118.1425	13.84164

#1	.0002327	.0082642	.0028916	-.001060	.0002348	.0063626
#2	.0008068	.0135852	.0019921	-.001119	.0008503	.0049565
#3	.0001453	.0091015	.0031022	-.001734	.0000147	.0051585

Elem	Sr4077
Units	ppm
Avg	.0119978
Stddev	.0000508
%RSD	.4233234

#1	.0120229
#2	.0120311
#3	.0119393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.443	2461.170	42810.57	9590.661	3751.894
Stddev	4.304	10.464	64.93	45.003	4.734
%RSD	.3445048	.4251751	.1516795	.4692365	.1261870

#1	1244.715	2449.860	42738.14	9546.356	3747.131
#2	1250.480	2463.142	42863.58	9589.296	3756.599
#3	1253.135	2470.508	42829.98	9636.331	3751.953

Sample Name: ICB Acquired: 12/15/2017 16:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022017	.0008270	.0003486	.0038488	.0010094	.0006821	.0000823
Stddev	.0035288	.0004182	.0012411	.0045018	.0013407	.0014194	.0002345
%RSD	160.2774	50.55986	356.0377	116.9652	132.8313	208.0934	284.9018

#1	.0005378	.0012923	.0007863	-.001076	.0025500	-.000095	-.000147
#2	-.000188	.0004825	.0013116	.004871	.0003709	-.000179	.000072
#3	.006255	.0007064	-.001052	.007752	.0001072	.002320	.000322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	.0000092	.0017996	-.000234	.0002300	-.001362	.0000817
Stddev	.000085	.0000229	.0054971	.000085	.0001164	.000593	.0054850
%RSD	278.1395	248.2515	305.4535	36.55119	50.61917	43.57009	6712.227

#1	.000066	.0000326	.0069117	-.000220	.0000986	-.000900	-.006122
#2	-.000063	.0000082	.0025021	-.000325	.0003203	-.001154	.004290
#3	-.000094	-.000013	-.004015	-.000156	.0002710	-.002032	.002077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005997	-.001219	-.000103	.0000940	-.074753	-.000249	.0004151
Stddev	.0007086	.023925	.000110	.0001564	.104108	.000484	.0006599
%RSD	118.1573	1963.119	106.1187	166.3793	139.2697	194.2162	158.9968

#1	.0007490	-.015153	-.000227	.0002096	.043778	-.000805	.0009168
#2	-.000172	-.014911	-.000018	.0001563	-.151375	.000079	.0006609
#3	.001222	.026407	-.000065	-.000084	-.116662	-.000021	-.000333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552602	-.000246	.0037091	.0003134	.0014547	-.000861	-.000200
Stddev	.0044170	.002156	.0011994	.0003760	.0018351	.000642	.000636
%RSD	7.993011	878.0139	32.33638	119.9534	126.1424	74.57065	317.4716

#1	.0593929	.002051	.0040260	.0005867	.0019063	-.000579	.000091
#2	.0506054	-.002225	.0023831	-.000115	.0030219	-.001596	.000238
#3	.0557823	-.000562	.0047183	.000469	-.000564	-.000408	-.000930

Sample Name: ICB Acquired: 12/15/2017 16:50:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000024	.0020211	.0000066
Stddev	.000667	.0002690	.0000413
%RSD	2746.742	13.30782	625.8065

#1	.000427	.0022600	-.000000
#2	.000291	.0020736	-.000031
#3	-.000791	.0017298	.000051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.392	2502.327	43953.97	9518.067	3978.677
Stddev	18.407	5.266	313.37	11.820	4.414
%RSD	1.436492	.2104326	.7129572	.1241894	.1109309

#1	1266.148	2500.195	43599.73	9527.495	3974.469
#2	1276.186	2498.461	44067.18	9504.806	3978.290
#3	1301.841	2508.324	44195.01	9521.899	3983.271

Sample Name: ICSA Acquired: 12/15/2017 16:58:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	F .0141525	-.007403	.0006702	.0012022	.0025071	248.8872
Stddev	.0056503	.003258	.0030812	.0019869	.0010183	1.2624
%RSD	39.92432	44.00153	459.7205	165.2700	40.61945	.5072316

#1	.0078456	-.007715	.0014014	.0003059	.0022691	247.4388
#2	.0187527	-.004001	-.002711	-.000179	.0036233	249.7541
#3	.0158591	-.010494	.003320	.003479	.0016287	249.4687

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063663	.0010762	.0006182	260.0838	.0602473	.0007774
Stddev	.0001364	.0000590	.0001054	1.6530	.0007641	.0002921
%RSD	2.142201	5.478067	17.05552	.6355816	1.268267	37.57109

#1	.0064144	.0010381	.0007324	258.2192	.0593861	.0006002
#2	.0062123	.0011441	.0005974	260.6623	.0605117	.0006175
#3	.0064720	.0010463	.0005247	261.3698	.0608441	.0011146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001273	107.0267	.0126370	262.4059	-.000278	.0020482
Stddev	.001156	.6152	.0001299	1.7829	.000224	.0000868
%RSD	90.83669	.5748501	1.028268	.6794377	80.69802	4.240557

#1	-.002528	106.3411	.0127780	260.3516	-.000143	.0020907
#2	-.001040	107.2083	.0125220	263.3167	-.000154	.0019483
#3	-.000251	107.5307	.0126109	263.5494	-.000537	.0021057

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0939118	-.000034	.0040101	-.084818	-.002853	F .0184255
Stddev	.0704779	.000757	.0003926	.006001	.001415	.0008337
%RSD	75.04687	2219.225	9.790674	7.075337	49.59969	4.524546

#1	.1617212	.000532	.0044468	-.086627	-.002463	.0184733
#2	.0210386	.000259	.0038975	-.089706	-.001674	.0175690
#3	.0989758	-.000894	.0036862	-.078120	-.004422	.0192343

Sample Name: ICSA Acquired: 12/15/2017 16:58:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.0003558	.0177835	-.001545	-.004015	.0012996	.0024004
Stddev	.0002165	.0046179	.000933	.001357	.0006256	.0003011
%RSD	60.83477	25.96739	60.39146	33.80108	48.14161	12.54424

#1	.0005827	.0139878	-.000471	-.003984	.0019408	.0025515
#2	.0003332	.0229248	-.002155	-.005388	.0006908	.0025961
#3	.0001516	.0164380	-.002011	-.002674	.0012672	.0020537

Elem	Sr4077
Units	ppm
Avg	.1078714
Stddev	.0003750
%RSD	.3476419

#1	.1079376
#2	.1082089
#3	.1074677

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1112.080	2208.418	37843.16	9164.409	2977.449
Stddev	7.479	6.821	127.64	39.100	8.184
%RSD	.6725625	.3088600	.3372763	.4266491	.2748787

#1	1103.468	2201.525	37700.05	9208.926	2968.149
#2	1115.824	2208.563	37884.22	9135.631	2983.553
#3	1116.948	2215.165	37945.22	9148.671	2980.646

Sample Name: ICSAB Acquired: 12/15/2017 17:02:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.1172577	.0858276	.0482375	.0479550	.5813621	238.2259
Stddev	.0028279	.0041581	.0022934	.0034394	.0029363	1.7889
%RSD	2.411734	4.844743	4.754491	7.172119	.5050693	.7509107

#1	.1204550	.0827573	.0462959	.0439969	.5787349	239.3604
#2	.1150846	.0905596	.0507679	.0502159	.5808196	236.1637
#3	.1162335	.0841658	.0476485	.0496522	.5845318	239.1534

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5170573	.5094439	1.015773	252.0558	.5740030	.5034867
Stddev	.0018345	.0008138	.001662	.7842	.0009911	.0009683
%RSD	.3547907	.1597504	.1636558	.3111325	.1726554	.1923275

#1	.5175607	.5100160	1.015284	252.2333	.5750082	.5023691
#2	.5150237	.5098034	1.014410	251.1980	.5739740	.5040161
#3	.5185876	.5085122	1.017625	252.7361	.5730267	.5040750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019548	103.3120	.5337167	253.0287	1.007529	F .1454354
Stddev	.0060144	.5701	.0037419	1.2528	.002391	.0005165
%RSD	1.198195	.5518353	.7010973	.4951078	.2373563	.3551295

#1	.5056210	103.6113	.5355621	253.5048	1.004811	.1455945
#2	.4950137	102.6546	.5294105	251.6077	1.008469	.1458536
#3	.5052298	103.6702	.5361773	253.9737	1.009308	.1448580

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1784442	.5086768	1.001972	-.170068	.0079825	F .0180987
Stddev	.0804982	.0066806	.008158	.050436	.0056030	.0028179
%RSD	45.11114	1.313320	.8142094	29.65654	70.19207	15.56937

#1	.1839894	.5072643	1.007901	-.182198	.0114874	.0177415
#2	.2560264	.5159507	.992668	-.213333	.0109396	.0154765
#3	.0953167	.5028155	1.005347	-.114673	.0015203	.0210781

Sample Name: ICSAB Acquired: 12/15/2017 17:02:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) 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	.0008175	.0155163	-.000681	-.004828	.0006884	.0025763
Stddev	.0002822	.0058515	.000660	.001238	.0008145	.0000274
%RSD	34.51867	37.71170	96.91812	25.65026	118.3112	1.064158

#1	.0007864	.0115616	-.000960	-.004256	.0007848	.0025951
#2	.0011139	.0222381	-.001155	-.006249	.0014505	.0025448
#3	.0005521	.0127492	.000073	-.003979	-.000170	.0025889

Elem	Sr4077
Units	ppm
Avg	.1025896
Stddev	.0001963
%RSD	.1913376

#1	.1024806
#2	.1024720
#3	.1028162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.863	2272.387	39177.52	9404.722	3065.331
Stddev	6.907	1.805	197.91	51.488	3.214
%RSD	.5959924	.0794288	.5051676	.5474710	.1048442

#1	1151.920	2274.419	39007.23	9361.218	3068.264
#2	1165.733	2271.772	39394.65	9461.568	3065.834
#3	1158.935	2270.970	39130.67	9391.382	3061.896

Sample Name: CCV039 Acquired: 12/15/2017 17:06:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799771	F 4.451000	23.64779	4.758963	4.825210	393.0195
Stddev	.010160	.013388	.05581	.016100	.011371	3.6084
%RSD	.2116865	.3007755	.2359951	.3383015	.2356646	.9181306

#1	4.789317	4.447984	23.62868	4.758756	4.812320	389.3604
#2	4.809609	4.439378	23.60405	4.742968	4.829486	393.1230
#3	4.800388	4.465639	23.71064	4.775166	4.833823	396.5751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.627980	.4833039	2.432632	395.4520	15.13218	2.416105
Stddev	.105581	.0020225	.005424	1.4460	.03362	.008070
%RSD	1.096610	.4184675	.2229876	.3656666	.2222040	.3340084

#1	9.508484	.4823577	2.427453	393.8012	15.17098	2.410135
#2	9.666800	.4856261	2.432171	396.4947	15.11155	2.412893
#3	9.708656	.4819280	2.438273	396.0600	15.11400	2.425286

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55638	401.6062	14.29125	393.5751	2.398741	F 1.495792
Stddev	.03832	1.2838	.03223	1.6167	.008526	.003699
%RSD	.2632814	.3196561	.2254991	.4107768	.3554412	.2472834

#1	14.52260	400.2560	14.25439	391.9649	2.391368	1.492947
#2	14.59803	402.8112	14.30525	395.1983	2.396776	1.494457
#3	14.54850	401.7514	14.31411	393.5622	2.408077	1.499974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.9437	2.388996	14.90278	147.6106	4.807204	4.743075
Stddev	1.1861	.012209	.10568	.5862	.042010	.012554
%RSD	.3026291	.5110556	.7091225	.3971268	.8739061	.2646862

#1	390.8080	2.387871	14.78079	146.9378	4.815967	4.731687
#2	393.1745	2.401729	14.96655	148.0111	4.761503	4.756537
#3	391.8485	2.377388	14.96100	147.8830	4.844142	4.741001

Sample Name: CCV039 Acquired: 12/15/2017 17:06:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.739291	4.749313	4.689656	4.768372	4.792765	4.919256
Stddev	.012349	.030471	.008132	.018222	.004474	.001543
%RSD	.2605628	.6415949	.1733979	.3821369	.0933567	.0313591

#1	4.726311	4.744370	4.681438	4.753442	4.788143	4.919516
#2	4.740668	4.721615	4.697698	4.762999	4.797076	4.920653
#3	4.750893	4.781954	4.689831	4.788677	4.793077	4.917600

Elem	Sr4077
Units	ppm
Avg	4.891529
Stddev	.012600
%RSD	.2575896

#1	4.877888
#2	4.902731
#3	4.893970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1031.194	2031.009	36160.94	9092.681	2629.336
Stddev	5.950	5.565	53.10	29.958	7.664
%RSD	.5770238	.2740040	.1468545	.3294689	.2914763

#1	1038.064	2037.435	36218.66	9124.364	2637.528
#2	1027.693	2027.810	36150.02	9064.815	2628.139
#3	1027.824	2027.782	36114.15	9088.864	2622.342

Sample Name: CCB039 Acquired: 12/15/2017 17:14:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024212	-.000233	.0002051	.0025351	.0004549	-.003094	.0000847
Stddev	.0036413	.001385	.0004185	.0018524	.0006779	.002342	.0000630
%RSD	150.3905	593.8847	204.0317	73.07084	149.0187	75.69852	74.35818

#1	.0066254	.001270	.0006510	.0032660	-.000220	-.001224	.0000195
#2	.0003688	-.001458	.0001433	.0004287	.000449	-.005722	.0001452
#3	.0002694	-.000512	-.000179	.0039104	.001136	-.002337	.0000895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000038	-.001096	-.000052	.0001409	-.001403	-.004487
Stddev	.000049	.000056	.006939	.000616	.0001649	.001350	.001376
%RSD	189.0040	148.5741	633.1710	1176.129	117.0108	96.24069	30.66571

#1	-.000051	-.000005	.005321	.000354	-.000039	.000156	-.002926
#2	.000031	-.000102	-.008460	-.000761	.000284	-.002149	-.005009
#3	-.000058	-.000006	-.000148	.000250	.000178	-.002215	-.005526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003463	.0095863	-.000166	-.000110	.0328506	-.000248	-.000090
Stddev	.0002315	.0051849	.000265	.000168	.0630003	.001399	.000560
%RSD	66.85651	54.08664	159.7444	152.3219	191.7782	563.4790	619.2940

#1	.0005725	.0089832	-.000209	.000001	.0015447	-.001811	-.000477
#2	.0001098	.0150463	.000118	-.000303	-.008365	.000179	-.000346
#3	.0003567	.0047293	-.000406	-.000029	.105372	.000887	.000552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011442	-.000402	.0021067	-.000007	.0047454	-.000942	.0000365
Stddev	.008201	.000477	.0006409	.000079	.0023762	.000481	.0010326
%RSD	71.67579	118.7385	30.42254	1106.830	50.07468	51.04230	2827.373

#1	-.018640	-.000865	.0028467	-.000087	.0020027	-.000410	-.001050
#2	-.013174	-.000429	.0017322	-.000005	.0061849	-.001071	.000154
#3	-.002513	.000088	.0017411	.000071	.0060486	-.001345	.001005

Sample Name: CCB039 Acquired: 12/15/2017 17:14:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005506	.0017247	.0000131
Stddev	.0005918	.0004234	.0000479
%RSD	107.4626	24.54740	366.2246

#1	.0008429	.0021419	.0000648
#2	-.000130	.0017368	.0000043
#3	.000939	.0012954	-.000030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.530	2546.944	44418.19	9701.815	4053.166
Stddev	8.162	9.221	182.77	21.223	13.007
%RSD	.6294998	.3620497	.4114845	.2187501	.3209078

#1	1290.560	2536.583	44490.66	9719.827	4040.276
#2	1293.199	2549.996	44210.30	9707.199	4066.286
#3	1305.830	2554.251	44553.62	9678.419	4052.937

Sample Name: I6695-13DL2X20 Acquired: 12/15/2017 17:19:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041171	.0008678	-.003678	.0019961	-.000352	.0080114	.0006279
Stddev	.0052067	.0004070	.005648	.0022313	.001105	.0039270	.0001566
%RSD	126.4662	46.89792	153.5573	111.7823	314.3720	49.01727	24.93693

#1	.0072445	.0012691	.000239	.0034757	.000819	.0054064	.0004593
#2	-.001893	.0008789	-.010153	.0030831	-.001377	.0125282	.0007688
#3	.007000	.0004554	-.001121	-.000570	-.000496	.0060997	.0006555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000113	-.000033	15.91329	-.000226	-.000784	-.000712	-.002697
Stddev	.0001081	.000124	.05109	.000082	.000064	.000824	.006955
%RSD	957.1934	381.5759	.3210601	36.34777	8.150550	115.6314	257.8957

#1	.0000725	-.000176	15.85887	-.000304	-.000752	-.001615	-.010693
#2	-.000113	.000046	15.96022	-.000140	-.000858	-.000003	.001939
#3	.000075	.000032	15.92079	-.000235	-.000742	-.000519	.000664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015234	46.10078	-.000712	.0001364	388.8142	-.000984	.0032764
Stddev	.0002129	.18037	.000293	.0001260	.7669	.001763	.0003036
%RSD	13.97667	.3912539	41.13130	92.41519	.1972280	179.2731	9.267628

#1	.0012852	45.90378	-.000736	.0000167	388.9180	.000922	.0029846
#2	.0016953	46.25783	-.000991	.0001245	388.0007	-.002557	.0035907
#3	.0015897	46.14073	-.000407	.0002679	389.5239	-.001315	.0032539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.50339	.0045464	.1834401	.0006520	31.98208	.0906770	-.000853
Stddev	.07424	.0004825	.0019905	.0002198	.35409	.0023309	.000455
%RSD	.5118513	10.61277	1.085108	33.71512	1.107155	2.570587	53.30612

#1	14.42064	.0046608	.1820600	.0009053	31.57328	.0883049	-.000834
#2	14.52540	.0049615	.1857219	.0005398	32.19275	.0929644	-.000408
#3	14.56414	.0040170	.1825384	.0005110	32.18022	.0907618	-.001317

Sample Name: I6695-13DL2X20 Acquired: 12/15/2017 17:19:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004033	.0122898	.2952454
Stddev	.0003205	.0002089	.0002713
%RSD	79.48102	1.699563	.0918925

#1	.0000362	.0123132	.2955414
#2	.0006279	.0120702	.2951865
#3	.0005457	.0124860	.2950084

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.525	2319.535	39398.37	9385.450	3198.541
Stddev	4.769	10.383	186.88	32.031	9.523
%RSD	.4022777	.4476541	.4743383	.3412850	.2977198

#1	1181.061	2310.940	39182.81	9410.800	3193.374
#2	1190.550	2316.593	39514.77	9349.450	3192.718
#3	1184.964	2331.072	39497.53	9396.099	3209.530

Sample Name: I6755-09DLX20 Acquired: 12/15/2017 17:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040589	-.003132	.0003346	.0015309	.0002460	.0053124	.0008098
Stddev	.0024736	.002018	.0014586	.0031036	.0015655	.0033539	.0001711
%RSD	60.94346	64.40849	435.9298	202.7235	636.4705	63.13439	21.13392

#1	.0031383	-.002870	-.001148	-.002042	.0012292	.0020145	.0006192
#2	.0068608	-.001259	.001768	.003076	.0010681	.0087196	.0008600
#3	.0021775	-.005268	.000384	.003559	-.001559	.0052030	.0009502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000048	16.53675	.0000532	-.000712	.0003337	-.008054
Stddev	.000043	.000172	.05955	.0002514	.000225	.0010382	.001944
%RSD	891.5985	355.9584	.3600905	472.3458	31.62995	311.1285	24.14039

#1	.000037	-.000032	16.50866	.0001856	-.000787	.0012986	-.008522
#2	-.000049	.000115	16.60515	.0002108	-.000459	-.000765	-.009721
#3	-.000002	-.000228	16.49645	-.000237	-.000890	.000467	-.005918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009482	48.11972	-.001315	.0000200	408.6896	.0008812	-.000254
Stddev	.0001465	.16942	.000467	.0003660	1.3203	.0011398	.001888
%RSD	15.44672	.3520830	35.48428	1833.775	.3230661	129.3408	742.6071

#1	.0008409	47.92431	-.000776	.0003060	407.2979	.0021974	.000539
#2	.0008887	48.20938	-.001585	-.000393	409.9246	.0002254	-.002410
#3	.0011151	48.22547	-.001584	.000146	408.8463	.0002210	.001107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26039	.0010946	.1911218	.0003755	33.91197	.0198039	-.000672
Stddev	.02511	.0015844	.0014640	.0001367	.20272	.0009360	.001916
%RSD	.1645399	144.7480	.7660043	36.40216	.5977736	4.726169	285.1568

#1	15.23209	.0018434	.1915425	.0002471	33.69514	.0191806	-.002557
#2	15.28001	.0021659	.1894935	.0003603	33.94399	.0208802	.001275
#3	15.26905	-.000725	.1923293	.0005192	34.09676	.0193508	-.000734

Sample Name: I6755-09DLX20 Acquired: 12/15/2017 17:23:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4Z98 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008799	.0141041	.3073249
Stddev	.0010324	.0001501	.0011252
%RSD	117.3339	1.064148	.3661093

#1	.0011269	.0139314	.3067031
#2	.0017664	.0141779	.3066480
#3	-.000254	.0142029	.3086238

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.101	2306.761	38967.77	9349.269	3165.874
Stddev	10.799	10.713	187.14	13.740	5.433
%RSD	.9190236	.4644018	.4802478	.1469607	.1716087

#1	1170.842	2296.426	39018.44	9361.674	3160.595
#2	1167.080	2306.043	38760.51	9334.501	3165.579
#3	1187.380	2317.815	39124.36	9351.631	3171.449

Sample Name: I6755-10DLX20 Acquired: 12/15/2017 17:27:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025647	-.001441	-.001085	.0012728	-.000440	.0148536	.0008619
Stddev	.0026628	.002039	.002863	.0015220	.001857	.0012536	.0002935
%RSD	103.8241	141.5083	263.9093	119.5864	421.9846	8.439498	34.04548

#1	.0041971	.000912	-.004282	-.000286	.001678	.0134070	.0009006
#2	.0040051	-.002690	.001242	.002755	-.001209	.0155315	.0011341
#3	-.000508	-.002546	-.000215	.001349	-.001788	.0156222	.0005511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000164	-.000078	17.35780	-.000334	-.000777	-.000242	.0148558
Stddev	.0001061	.000116	.09792	.000663	.000204	.001055	.0014385
%RSD	647.1457	147.1730	.5641435	198.5450	26.23094	436.7996	9.682848

#1	.0000150	-.000196	17.34586	-.000116	-.000560	.000705	.0138347
#2	.0001232	.000035	17.26639	.000192	-.000806	-.001379	.0142319
#3	-.000089	-.000075	17.46114	-.001078	-.000965	-.000051	.0165009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014592	51.00475	-.000742	.0001684	434.9092	-.000359	.0014992
Stddev	.0003746	.18917	.000254	.0001791	1.1715	.003010	.0007863
%RSD	25.67458	.3708854	34.30712	106.3521	.2693695	837.3148	52.44872

#1	.0010757	50.98922	-.000908	.0003729	433.6090	.000190	.0018085
#2	.0018243	50.82382	-.000449	.0000926	435.2362	-.003606	.0006053
#3	.0014775	51.20120	-.000868	.0000397	435.8825	.002338	.0020839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.29857	.0029952	.2015944	.0005209	36.52825	.0841366	-.000656
Stddev	.03184	.0008089	.0007352	.0002152	.10106	.0046859	.001141
%RSD	.1953409	27.00561	.3647127	41.31468	.2766737	5.569379	173.8098

#1	16.26518	.0023688	.2022807	.0002823	36.48161	.0811224	-.001714
#2	16.30196	.0039084	.2008184	.0005801	36.64421	.0817522	-.000808
#3	16.32858	.0027084	.2016843	.0007004	36.45893	.0895351	.000553

Sample Name: I6755-10DLX20 Acquired: 12/15/2017 17:27:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002715	.0150657	.3282177
Stddev	.0005520	.0003416	.0004583
%RSD	203.3429	2.267156	.1396357

#1	-.000203	.0150624	.3277766
#2	.000877	.0147259	.3281850
#3	.000141	.0154090	.3286914

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1162.584	2274.331	38801.80	9386.147	3136.723
Stddev	6.370	4.546	151.61	36.802	5.946
%RSD	.5478951	.1998871	.3907323	.3920842	.1895478

#1	1157.771	2275.102	38674.00	9362.810	3135.567
#2	1160.174	2269.448	38762.09	9428.571	3131.441
#3	1169.807	2278.441	38969.31	9367.061	3143.162

Sample Name: I6755-11DLX20 Acquired: 12/15/2017 17:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025042	-.000413	-.000285	.0031885	-.000785	.0058769	.0005906
Stddev	.0057127	.000869	.000942	.0044881	.000732	.0023120	.0001836
%RSD	228.1239	210.5850	330.3594	140.7583	93.25483	39.34077	31.08580

#1	-.003700	-.001079	-.000597	-.001602	-.001602	.0084250	.0007834
#2	.007547	.000570	-.001032	.007296	-.000564	.0039131	.0004178
#3	.003666	-.000730	.000773	.003872	-.000189	.0052927	.0005707

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000222	-.000078	17.33211	-.000262	-.000600	-.000999	-.004408
Stddev	.0000387	.000035	.06390	.000081	.000012	.001988	.002305
%RSD	174.6322	45.08113	.3686987	31.11713	1.925875	199.0317	52.29516

#1	.0000666	-.000044	17.33852	-.000248	-.000587	-.001592	-.004612
#2	.0000035	-.000076	17.26524	-.000349	-.000610	-.002623	-.002007
#3	-.000004	-.000114	17.39256	-.000188	-.000602	.001218	-.006604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008846	50.62910	-.000948	-.000028	432.1794	-.000569	.0001909
Stddev	.0001085	.13027	.000155	.000022	.2421	.001681	.0014845
%RSD	12.26580	.2573010	16.31111	75.82089	.0560290	295.4245	777.8148

#1	.0009240	50.64498	-.001018	-.000053	432.4218	-.002126	.0015997
#2	.0007619	50.49162	-.001056	-.000013	432.1790	-.000794	-.001359
#3	.0009679	50.75070	-.000771	-.000019	431.9375	.001213	.000332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.21228	.0014556	.2005973	.0004280	35.70426	.0725494	.0003686
Stddev	.06327	.0012253	.0019880	.0001758	.51152	.0012817	.0017437
%RSD	.3902656	84.17448	.9910566	41.07922	1.432669	1.766597	473.1007

#1	16.14135	.0006197	.1985832	.0005230	35.38209	.0730544	.0004340
#2	16.26291	.0028621	.2025582	.0002251	35.43661	.0710922	.0020786
#3	16.23258	.0008851	.2006505	.0005358	36.29407	.0735016	-.001407

Sample Name: I6755-11DLX20 Acquired: 12/15/2017 17:31:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004643	.0141065	.3273145
Stddev	.0006449	.0000989	.0012160
%RSD	138.8818	.7014008	.3715189

#1	.0005145	.0140082	.3273928
#2	.0010827	.0141052	.3284896
#3	-.000204	.0142061	.3260613

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.636	2314.190	38926.35	9459.035	3171.976
Stddev	6.005	3.093	98.45	12.762	3.937
%RSD	.5147653	.1336641	.2529012	.1349168	.1241339

#1	1160.450	2311.419	38865.69	9445.859	3170.150
#2	1167.016	2313.625	38873.42	9471.338	3176.496
#3	1172.443	2317.527	39039.94	9459.909	3169.284

Sample Name: I6755-12DLX20 Acquired: 12/15/2017 17:35:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014177	.0000919	.0005121	.0037693	.0006467	.0050095	.0005764
Stddev	.0030697	.0009440	.0006735	.0033421	.0005601	.0074861	.0002032
%RSD	216.5358	1027.080	131.5127	88.66674	86.60454	149.4372	35.24946

#1	-.000729	-.000167	.0007120	.0062882	.0000675	.0103622	.0007108
#2	.000048	-.000696	.0010630	.0050418	.0006871	.0082114	.0006756
#3	.004934	.001138	-.000239	-.000022	.0011855	-.003545	.0003427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	-.000031	17.48248	.0000149	-.000731	-.000752	-.005013
Stddev	.000077	.000050	.04472	.0005084	.000035	.000908	.004134
%RSD	15546.74	162.7681	.2558070	3416.548	4.790421	120.7838	82.47034

#1	-.000015	.000020	17.43674	.0003380	-.000767	-.001704	-.009294
#2	-.000070	-.000080	17.48458	-.000571	-.000729	.000104	-.001044
#3	.000083	-.000033	17.52611	.000278	-.000697	-.000655	-.004700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010579	50.84093	-.001410	-.000041	433.7642	-.001464	-.001060
Stddev	.0003534	.14923	.000273	.000049	1.7050	.002183	.001768
%RSD	33.40720	.2935249	19.37293	120.8857	.3930786	149.1113	166.8121

#1	.0007280	50.67435	-.001619	-.000048	432.6884	-.000352	-.000767
#2	.0010148	50.96239	-.001509	.000012	435.7301	-.000061	-.002956
#3	.0014309	50.88606	-.001101	-.000087	432.8741	-.003980	.000543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.29390	.0034134	.2017940	.0006944	36.54947	.0742619	-.001687
Stddev	.02035	.0017079	.0025618	.0001559	.23644	.0009080	.000719
%RSD	.1249081	50.03624	1.269516	22.44798	.6468997	1.222666	42.61325

#1	16.31707	.0050477	.2045134	.0006866	36.62931	.0737735	-.001938
#2	16.28575	.0016403	.1994260	.0005425	36.28345	.0737026	-.000876
#3	16.27889	.0035521	.2014428	.0008540	36.73566	.0753095	-.002247

Sample Name: I6755-12DLX20 Acquired: 12/15/2017 17:35:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005832	.0134464	.3262493
Stddev	.0001336	.0005086	.0002272
%RSD	22.90605	3.782533	.0696493

#1	.0006715	.0129914	.3260242
#2	.0006486	.0133524	.3264786
#3	.0004295	.0139955	.3262452

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1173.932	2292.652	38962.24	9376.031	3140.468
Stddev	5.687	12.639	34.21	32.497	13.679
%RSD	.4844747	.5512860	.0878099	.3465958	.4355871

#1	1180.034	2297.267	38994.60	9345.552	3147.667
#2	1172.984	2302.334	38926.44	9372.314	3149.044
#3	1168.779	2278.354	38965.68	9410.226	3124.692

Sample Name: I6755-13DLX20 Acquired: 12/15/2017 17:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074681	.0009020	.0000314	.0061186	.0064233	.1112076
Stddev	.0043515	.0030622	.0002688	.0009135	.0027817	.0042679
%RSD	58.26772	339.4684	854.8548	14.93067	43.30600	3.837814

#1	.0104110	.0020551	-.000246	.0050929	.0091330	.1062859
#2	.0024696	.0032202	.000291	.0068449	.0035748	.1138867
#3	.0095236	-.002569	.000049	.0064181	.0065622	.1134503

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156901	.0028029	.0029245	16.86623	.0121317	.0281654
Stddev	.0003511	.0000473	.0001149	.02294	.0004260	.0001818
%RSD	.3034528	1.685583	3.929306	.1359983	3.511273	.6452981

#1	.1159218	.0028050	.0029822	16.86363	.0116454	.0279761
#2	.1152862	.0027547	.0029991	16.84470	.0123109	.0281814
#3	.1158624	.0028491	.0027922	16.89035	.0124387	.0283386

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143517	.0546050	.0307300	49.31815	.0285815	.0037395
Stddev	.0006477	.0050463	.0002761	.08603	.0005441	.0002787
%RSD	4.513067	9.241388	.8982974	.1744426	1.903557	7.452529

#1	.0141935	.0604127	.0306338	49.36440	.0289947	.0036186
#2	.0137977	.0512910	.0310413	49.37117	.0287848	.0040583
#3	.0150638	.0521114	.0305150	49.21889	.0279651	.0035417

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 421.6629	.0285390	.0294247	15.67667	.0026962	.1956531
Stddev	.5547	.0011546	.0034348	.02185	.0019063	.0016696
%RSD	.1315590	4.045838	11.67309	.1393760	70.70244	.8533367

#1	421.4955	.0296353	.0296683	15.70109	.0048721	.1973860
#2	421.2112	.0286479	.0258746	15.65896	.0018959	.1955182
#3	422.2821	.0273337	.0327311	15.66997	.0013205	.1940550

Sample Name: I6755-13DLX20 Acquired: 12/15/2017 17:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001411	35.44387	.0724898	-.000345	.0003408	.0129626
Stddev	.0003040	.20314	.0006960	.000943	.0011318	.0003911
%RSD	215.4759	.5731393	.9601615	273.3981	332.1515	3.017087

#1	.0003322	35.46761	.0732742	-.000968	-.000217	.0132158
#2	.0003006	35.63410	.0722491	.000740	.001643	.0125122
#3	-.000209	35.22990	.0719461	-.000807	-.000404	.0131599

Elem	Sr4077
Units	ppm
Avg	.3197728
Stddev	.0012491
%RSD	.3906060

#1	.3210516
#2	.3185558
#3	.3197109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1176.066	2285.483	38979.60	9439.044	3144.648
Stddev	5.202	5.679	109.62	31.991	4.778
%RSD	.4423617	.2484616	.2812324	.3389168	.1519277

#1	1170.148	2286.899	38886.09	9404.673	3143.557
#2	1178.136	2279.231	38952.47	9444.511	3140.511
#3	1179.916	2290.320	39100.24	9467.950	3149.877

Sample Name: I6755-11LDLX100 Acquired: 12/15/2017 17:43:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000104	.0016257	-.001273	.0049604	-.000306	.0040192	.0002507
Stddev	.0012676	.0026798	.001284	.0019838	.000241	.0031701	.0001295
%RSD	12238.16	164.8430	100.8837	39.99174	78.91009	78.87527	51.65134

#1	-.001448	.0028305	-.000140	.0069282	-.000112	.0004716	.0001012
#2	.000636	.0034916	-.002667	.0049920	-.000576	.0065745	.0003254
#3	.000843	-.001445	-.001010	.0029611	-.000229	.0050114	.0003255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000123	3.586740	-.000315	-.000182	-.001157	-.000094
Stddev	.000115	.000042	.029712	.000367	.000105	.000259	.005606
%RSD	465.9955	33.97500	.8283893	116.3888	57.50651	22.37953	5948.673

#1	-.000157	-.000139	3.553884	.000088	-.000106	-.001090	.006031
#2	.000043	-.000076	3.594612	-.000631	-.000139	-.001443	-.001342
#3	.000040	-.000154	3.611723	-.000403	-.000302	-.000938	-.004972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003699	10.30390	-.000302	.0000666	88.69759	-.000783	.0007112
Stddev	.0001270	.01007	.000393	.0001131	.30102	.001776	.0015855
%RSD	34.33884	.0976957	130.1752	169.9221	.3393751	226.6898	222.9303

#1	.0005124	10.29656	-.000739	.0000491	88.67186	-.002070	-.000680
#2	.0003290	10.31538	.000023	-.000037	89.01064	.001243	.002437
#3	.0002684	10.29976	-.000189	.000187	88.41025	-.001523	.000377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.176423	.0016362	.0418432	-.000014	6.655448	.0147724	.0000443
Stddev	.031544	.0020126	.0015470	.000317	.036631	.0008395	.0014537
%RSD	.9930795	123.0063	3.697102	2316.536	.5503920	5.683196	3278.419

#1	3.206750	-.000163	.0401067	.000178	6.619865	.0156694	.0016998
#2	3.178731	.003809	.0430742	-.000380	6.653436	.0146423	-.000543
#3	3.143788	.001263	.0423487	.000161	6.693044	.0140055	-.001023

Sample Name: I6755-11LDLX100 Acquired: 12/15/2017 17:43:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006031	.0036013	.0684406
Stddev	.0003817	.0004298	.0001629
%RSD	63.28822	11.93362	.2379466

#1	.0009808	.0040433	.0683477
#2	.0002176	.0035757	.0686286
#3	.0006108	.0031849	.0683455

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1235.644	2439.710	41772.04	9698.451	3596.859
Stddev	3.021	13.383	87.00	23.803	8.108
%RSD	.2445221	.5485405	.2082794	.2454282	.2254193

#1	1239.112	2426.518	41748.38	9725.661	3588.528
#2	1234.240	2439.336	41868.42	9688.207	3597.325
#3	1233.581	2453.276	41699.31	9681.486	3604.724

Sample Name: I6755-14DLX20 Acquired: 12/15/2017 17:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000663	-.003397	-.001279	.0042673	.0006211	.0142206
Stddev	.003758	.001896	.003778	.0025833	.0020409	.0017721
%RSD	566.9016	55.81310	295.4233	60.53626	328.5920	12.46120

#1	.002619	-.001908	.002984	.0026799	.0010985	.0143099
#2	-.004763	-.005532	-.004215	.0072481	.0023810	.0124056
#3	.000155	-.002752	-.002605	.0028739	-.001616	.0159463

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006917	.0000146	-.000116	17.80007	-.000231	-.000421
Stddev	.0000436	.0001115	.000054	.02136	.000761	.000101
%RSD	6.299743	764.9063	46.30531	.1199783	329.9404	24.01450

#1	.0007237	-.000107	-.000177	17.80187	.000570	-.000339
#2	.0007094	.000111	-.000098	17.82046	-.000317	-.000534
#3	.0006421	.000040	-.000074	17.77787	-.000945	-.000391

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000880	.0103964	.0013934	51.92460	-.001101	.0001687
Stddev	.001780	.0036861	.0002557	.16532	.000433	.0000687
%RSD	202.3152	35.45515	18.35458	.3183817	39.35238	40.72484

#1	-.002485	.0091559	.0016429	51.74168	-.000644	.0001472
#2	.001035	.0074906	.0011318	51.96881	-.001153	.0001133
#3	-.001190	.0145426	.0014054	52.06333	-.001506	.0002456

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 443.1122	-.000440	.0011015	16.55152	.0053941	.2057175
Stddev	.9131	.001757	.0013438	.03869	.0010444	.0005762
%RSD	.2060548	399.1471	121.9994	.2337549	19.36214	.2801052

#1	444.1522	.001350	-.000450	16.59319	.0061250	.2062409
#2	442.4424	-.002161	.001873	16.54465	.0041979	.2058117
#3	442.7421	-.000510	.001881	16.51673	.0058593	.2051000

Sample Name: I6755-14DLX20 Acquired: 12/15/2017 17:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005668	37.01275	.0842251	-.000120	.0010445	.0122372
Stddev	.0000834	.26838	.0021773	.001424	.0004470	.0005211
%RSD	14.71012	.7250993	2.585118	1182.437	42.79170	4.258674

#1	.0005151	37.25325	.0848797	-.000656	.0014249	.0116369
#2	.0005223	37.06175	.0860001	.001494	.0011566	.0125016
#3	.0006630	36.72324	.0817956	-.001199	.0005522	.0125732

Elem	Sr4077
Units	ppm
Avg	.3323440
Stddev	.0009052
%RSD	.2723703

#1	.3317735
#2	.3318707
#3	.3333877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.897	2292.783	38538.63	9280.241	3129.386
Stddev	3.687	7.558	73.27	19.903	15.532
%RSD	.3162788	.3296250	.1901125	.2144703	.4963222

#1	1164.735	2284.757	38581.19	9259.499	3111.497
#2	1170.025	2293.830	38580.66	9282.039	3137.232
#3	1162.930	2299.763	38454.03	9299.184	3139.430

Sample Name: I6755-15DLX20 Acquired: 12/15/2017 17:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047306	-.003821	-.002024	.0033422	-.001050	.0036322
Stddev	.0032037	.002216	.001512	.0016912	.001370	.0028089
%RSD	67.72248	58.00598	74.68380	50.60149	130.5041	77.33421

#1	.0032576	-.006175	-.001204	.0013956	-.002295	.0045484
#2	.0084058	-.003513	-.003768	.0041806	.000417	.0058685
#3	.0025283	-.001775	-.001099	.0044504	-.001271	.0004795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004637	.0000021	-.000073	17.14289	-.000229	-.000779
Stddev	.0002514	.0001493	.000012	.12313	.000540	.000168
%RSD	54.21688	7189.208	16.03360	.7182831	235.3682	21.58408

#1	.0002955	-.000146	-.000063	17.05988	-.000752	-.000590
#2	.0007527	-.000000	-.000086	17.28436	-.000263	-.000838
#3	.0003428	.000153	-.000070	17.08442	.000326	-.000910

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000402	-.016995	.0005512	50.03023	-.000614	.0000349
Stddev	.001138	.004103	.0000512	.25379	.000326	.0001187
%RSD	283.3389	24.14579	9.290175	.5072797	52.99600	339.8305

#1	-.000485	-.017724	.0004944	49.74315	-.000703	-.000102
#2	.000776	-.012575	.0005652	50.12279	-.000886	.000111
#3	-.001496	-.020684	.0005939	50.22475	-.000254	.000096

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 427.7787	.0003886	.0025883	15.93728	.0015840	.1965325
Stddev	2.0233	.0016797	.0023947	.09700	.0054173	.0011864
%RSD	.4729771	432.2224	92.52060	.6086394	341.9984	.6036546

#1	425.4625	-.001544	-.000108	15.82573	-.002403	.1964775
#2	429.2017	.001495	.004468	15.98425	.007752	.1953746
#3	428.6719	.001215	.003405	16.00184	-.000597	.1977454

Sample Name: I6755-15DLX20 Acquired: 12/15/2017 17:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006080	36.14633	.0612358	-.001143	.0006322	.0120534
Stddev	.0000652	.33376	.0016533	.000939	.0006173	.0005610
%RSD	10.72560	.9233508	2.699844	82.12713	97.64399	4.654204

#1	.0006618	35.77732	.0620444	-.001628	.0011841	.0122323
#2	.0006268	36.23458	.0593339	-.000061	.0007467	.0114248
#3	.0005355	36.42710	.0623292	-.001741	-.000034	.0125031

Elem	Sr4077
Units	ppm
Avg	.3250732
Stddev	.0008355
%RSD	.2570319

#1	.3246011
#2	.3245806
#3	.3260379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1168.537	2299.937	38759.41	9454.943	3160.001
Stddev	11.663	4.666	213.50	32.119	2.525
%RSD	.9980498	.2028722	.5508345	.3397055	.0798973

#1	1155.304	2297.086	38520.30	9423.206	3161.304
#2	1172.990	2297.404	38826.99	9487.431	3157.090
#3	1177.317	2305.322	38930.95	9454.192	3161.607

Sample Name: PB104964BL Acquired: 12/15/2017 17:56:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015890	.0008775	.0003791	.0016666	-.000471	.0001437	.0000533
Stddev	.0046196	.0007288	.0012975	.0023277	.000755	.0019122	.0001473
%RSD	290.7211	83.05432	342.2771	139.6614	160.2697	1330.635	276.2326

#1	-.001725	.0015668	.0000394	.0015856	-.001262	-.002051	-.000025
#2	.006866	.0009509	-.000715	-.000619	.000242	.001447	.000223
#3	-.000374	.0001148	.001813	.004034	-.000393	.001036	-.000038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.000056	.0054397	.0003182	.0002292	-.000611	.0006844
Stddev	.000028	.000054	.0095458	.0005701	.0000915	.001444	.0007643
%RSD	77.36899	96.45400	175.4830	179.2053	39.93104	236.3546	111.6842

#1	-.000052	-.000080	.0150037	.0006732	.0002276	-.000493	.0002405
#2	-.000051	-.000093	-.004088	-.000340	.0001385	.000771	.0015670
#3	-.000004	.000006	.005403	.000621	.0003216	-.002110	.0002457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001753	.0195621	.0000059	-.000060	-.041347	-.001055	-.001377
Stddev	.0002041	.0188066	.0003201	.000108	.120557	.000734	.001662
%RSD	116.4571	96.13771	5456.776	180.9015	291.5768	69.58578	120.6307

#1	.0003896	.0350296	.0003713	-.000077	-.159708	-.001258	.000536
#2	.0001531	.0250291	-.000128	-.000157	.081293	-.000241	-.002216
#3	-.000017	-.001372	-.000225	.000056	-.045626	-.001667	-.002453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111260	.0028185	.0000711	.0001557	.0058122	-.002087	-.000008
Stddev	.0064507	.0036845	.0009855	.0002888	.0010036	.000418	.000721
%RSD	57.97849	130.7258	1386.517	185.4680	17.26672	20.00542	8804.610

#1	.0072610	.0027582	.0007490	.0004802	.0064976	-.001911	-.000805
#2	.0075442	.0065327	-.001059	-.000073	.0062788	-.001787	.000598
#3	.0185728	-.000835	.000524	.000060	.0046603	-.002564	.000182

Sample Name: PB104964BL Acquired: 12/15/2017 17:56:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003223	.0007860	-.000018
Stddev	.0005258	.0001799	.000014
%RSD	163.1643	22.88402	78.49748

#1	-.000270	.0008354	-.000032
#2	.000734	.0005866	-.000019
#3	.000502	.0009360	-.000004

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.788	2560.255	44591.96	9734.082	4083.163
Stddev	10.921	9.648	403.56	42.694	18.186
%RSD	.8389005	.3768503	.9050034	.4385989	.4454020

#1	1289.195	2550.115	44141.68	9684.816	4065.493
#2	1307.529	2561.329	44713.17	9757.191	4082.170
#3	1308.642	2569.321	44921.02	9760.241	4101.825

Sample Name: PB104964BS Acquired: 12/15/2017 18:00:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228910	.0491028	.0211130	.0728236	.1169903	.3993652
Stddev	.0038591	.0020609	.0014992	.0018749	.0016064	.0048936
%RSD	16.85861	4.197190	7.100674	2.574578	1.373069	1.225334

#1	.0217616	.0501185	.0197640	.0707718	.1188376	.4023128
#2	.0197225	.0467312	.0208480	.0732513	.1162112	.4020663
#3	.0271887	.0504588	.0227270	.0744477	.1159220	.3937163

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4243321	.0109619	.0103858	10.69321	.0227564	.0983524
Stddev	.0022398	.0001047	.0001011	.02724	.0005178	.0003449
%RSD	.5278341	.9546993	.9732914	.2547031	2.275602	.3507026

#1	.4265285	.0109424	.0103195	10.67528	.0221586	.0981401
#2	.4244165	.0108684	.0103357	10.72455	.0230672	.0981667
#3	.4220513	.0110749	.0105022	10.67980	.0230433	.0987504

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528242	.2332405	.0334305	9.954745	.0819071	.0161630
Stddev	.0011509	.0044481	.0001892	.073530	.0006036	.0001222
%RSD	2.178678	1.907105	.5659766	.7386411	.7369809	.7560269

#1	.0527514	.2375732	.0332127	9.872048	.0824797	.0160946
#2	.0540098	.2286853	.0335540	10.01275	.0819652	.0163041
#3	.0517115	.2334630	.0335249	9.97943	.0812766	.0160904

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03651	.1063279	.1207488	9.625728	.0255986	F .0224351
Stddev	.13027	.0005659	.0018692	.044807	.0012836	.0008551
%RSD	1.297941	.5322493	1.547973	.4654887	5.014187	3.811613

#1	10.13648	.1069048	.1216307	9.662156	.0265857	.0222122
#2	10.08387	.1057736	.1220139	9.639332	.0260625	.0217135
#3	9.88919	.1063052	.1186019	9.575696	.0241476	.0233796

Sample Name: PB104964BS Acquired: 12/15/2017 18:00:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219605	.1837264	.2164973	F .0136055	.2101930	.0977927
Stddev	.0002227	.0024957	.0014303	.0013427	.0017571	.0001241
%RSD	1.014218	1.358381	.6606721	9.868989	.8359252	.1269146

#1	.0220731	.1849537	.2174849	.0120551	.2086684	.0976521
#2	.0217039	.1808547	.2148571	.0143823	.2121146	.0978391
#3	.0221043	.1853709	.2171499	.0143792	.2097961	.0978870

Elem	Sr4077
Units	ppm
Avg	.2149874
Stddev	.0003869
%RSD	.1799400

#1	.2152399
#2	.2151802
#3	.2145420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.525	2560.452	43489.17	9760.765	3860.424
Stddev	11.190	19.937	280.57	26.207	7.632
%RSD	.8684356	.7786635	.6451455	.2684943	.1976945

#1	1280.164	2540.255	43306.35	9747.936	3853.640
#2	1284.174	2560.983	43348.96	9743.444	3858.946
#3	1301.237	2580.119	43812.21	9790.915	3868.687

Sample Name: PB104972BL Acquired: 12/15/2017 18:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031514	.0013187	.0006214	.0017790	-.000324	.0009273	.0002098
Stddev	.0030667	.0011712	.0009412	.0008699	.000993	.0080370	.0001880
%RSD	97.31375	88.81226	151.4555	48.89872	306.2355	866.7074	89.63104

#1	.0028602	.0009119	-.000414	.0007746	-.001321	.0036548	-.000007
#2	.0063534	.0004052	.001425	.0022902	-.000316	.0072455	.000319
#3	.0002407	.0026391	.000854	.0022723	.000665	-.008118	.000317

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	-.000011	.0022279	-.000555	.0000989	-.001986	-.004839
Stddev	.000080	.000117	.0087166	.000180	.0001541	.000807	.004412
%RSD	226.1663	1028.588	391.2370	32.38360	155.7631	40.65202	91.16379

#1	-.000125	-.000066	.0114742	-.000463	-.000072	-.001314	-.003943
#2	.000025	.000123	-.005839	-.000440	.000141	-.002881	-.000945
#3	-.000006	-.000091	.001048	-.000763	.000228	-.001763	-.009630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002662	.0229647	.0001985	.0001000	-.039450	.0011655	.0019109
Stddev	.0003398	.0169515	.0000708	.0000735	.152412	.0004857	.0008763
%RSD	127.6515	73.81519	35.65833	73.48894	386.3470	41.67521	45.85727

#1	.0003773	.0158525	.0001414	.0001007	.113364	.0006506	.0016694
#2	-.000115	.0107280	.0001764	.0001730	-.040256	.0012303	.0011807
#3	.000537	.0423137	.0002777	.0000261	-.191457	.0016156	.0028826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115471	-.000309	-.000865	.0000091	.0058040	-.001339	.0005579
Stddev	.0241838	.002504	.001004	.0002787	.0046178	.000560	.0014146
%RSD	209.4373	810.7401	116.1098	3071.171	79.56233	41.82439	253.5728

#1	-.013954	.001957	.000256	-.000303	.0097818	-.001119	.0007804
#2	.034153	-.002997	-.001167	.000096	.0007399	-.000922	-.000955
#3	.014443	.000114	-.001683	.000234	.0068904	-.001975	.001848

Sample Name: PB104972BL Acquired: 12/15/2017 18:04:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000034	-.000452	.0000057
Stddev	.000357	.001199	.0000224
%RSD	1051.715	265.2634	394.7077

#1	-.000436	.000680	.0000277
#2	.000244	-.000327	.0000064
#3	.000090	-.001708	-.000017

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.888	2652.438	44466.26	9384.174	4103.574
Stddev	5.816	8.963	116.90	72.091	5.539
%RSD	.4324637	.3379065	.2629068	.7682163	.1349916

#1	1338.927	2642.324	44335.87	9423.583	4097.307
#2	1345.188	2659.393	44501.19	9427.969	4105.601
#3	1350.548	2655.598	44561.71	9300.969	4107.815

Sample Name: PB104972BS Acquired: 12/15/2017 18:08:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210959	.0501877	.0208567	.0716468	.1198030	.3931496
Stddev	.0040190	.0011989	.0011343	.0015453	.0004560	.0048178
%RSD	19.05085	2.388802	5.438458	2.156808	.3806456	1.225440

#1	.0186407	.0501431	.0212785	.0714097	.1193640	.3905313
#2	.0257339	.0514082	.0195719	.0702339	.1202744	.3902080
#3	.0189131	.0490117	.0217196	.0732970	.1197707	.3987096

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4149042	.0111871	.0104841	10.89730	.0229690	.0987917
Stddev	.0009796	.0001595	.0001523	.04397	.0007017	.0008121
%RSD	.2361055	1.426103	1.452880	.4034724	3.054866	.8220628

#1	.4138286	.0110030	.0105501	10.93512	.0225254	.0980940
#2	.4157453	.0112855	.0103100	10.84906	.0226035	.0985980
#3	.4151386	.0112727	.0105924	10.90771	.0237779	.0996832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518907	.2322415	.0343263	9.983442	.0818763	.0161661
Stddev	.0008667	.0085638	.0004545	.109294	.0005027	.0001041
%RSD	1.670249	3.687471	1.324074	1.094753	.6139263	.6440494

#1	.0513966	.2398678	.0345400	9.938668	.0823717	.0162752
#2	.0528915	.2229768	.0338043	9.903645	.0813667	.0160679
#3	.0513841	.2338798	.0346346	10.10801	.0818904	.0161553

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.865776	.1070133	.1151452	9.427112	F .0266657	F .0220541
Stddev	.025976	.0015801	.0035196	.021130	.0006825	.0009773
%RSD	.2632911	1.476566	3.056663	.2241358	2.559334	4.431331

#1	9.889947	.1078742	.1142676	9.421148	.0259294	.0220780
#2	9.838310	.1079761	.1121475	9.409606	.0272771	.0230192
#3	9.869069	.1051897	.1190206	9.450583	.0267904	.0210650

Sample Name: PB104972BS Acquired: 12/15/2017 18:08:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220169	.1881270	.2223588	F .0137752	.2087578	.0932233
Stddev	.0000719	.0043809	.0006176	.0016186	.0002611	.0007534
%RSD	.3264657	2.328712	.2777737	11.74996	.1250791	.8081788

#1	.0219750	.1912547	.2216496	.0156296	.2087100	.0925889
#2	.0219758	.1900063	.2227790	.0126458	.2090394	.0940561
#3	.0220999	.1831199	.2226477	.0130504	.2085238	.0930251

Elem	Sr4077
Units	ppm
Avg	.2116123
Stddev	.0006587
%RSD	.3112622

#1	.2108600
#2	.2120856
#3	.2118912

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.181	2517.507	42731.75	9400.102	3794.071
Stddev	11.292	15.481	33.64	56.497	19.689
%RSD	.8711492	.6149270	.0787154	.6010278	.5189506

#1	1292.170	2517.891	42735.59	9335.608	3793.839
#2	1287.443	2532.793	42696.36	9440.853	3813.875
#3	1308.931	2501.838	42763.30	9423.845	3774.499

Sample Name: I6774-19 Acquired: 12/15/2017 18:12:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1015173	-.016721	2.869112	.0263819	.0060634	63.15359	.4998818
Stddev	.0032136	.004162	.007280	.0012084	.0014710	.40388	.0057428
%RSD	3.165595	24.89295	.2537392	4.580210	24.26111	.6395164	1.148832

#1	.1022541	-.020490	2.861500	.0255157	.0067443	63.54333	.5049784
#2	.0979993	-.012254	2.869830	.0258677	.0043752	63.18052	.5010075
#3	.1042986	-.017419	2.876007	.0277623	.0070706	62.73692	.4936595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054177	.0582458	51.96512	1.344948	.0584151	3.771653	158.7145
Stddev	.0001354	.0001318	.76942	.010422	.0001749	.041707	1.3228
%RSD	2.499190	.2262204	1.480649	.7748986	.2994258	1.105809	.8334429

#1	.0054245	.0581455	51.18827	1.333352	.0583307	3.812527	157.3715
#2	.0052791	.0581969	51.98021	1.347957	.0586163	3.773271	158.7561
#3	.0055497	.0583950	52.72689	1.353534	.0582985	3.729160	160.0161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.986231	107.5471	.5045538	.0088938	532.1643	.4508898	6.948265
Stddev	.019549	.8866	.0020905	.0002223	4.1995	.0034956	.095023
%RSD	.9842174	.8244137	.4143259	2.499070	.7891392	.7752655	1.367582

#1	1.967503	106.6198	.5024065	.0087674	536.2275	.4468704	7.045709
#2	1.984681	107.6350	.5046723	.0091505	532.4248	.4532200	6.855863
#3	2.006509	108.3866	.5065825	.0087637	527.8406	.4525789	6.943222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.43317	6.305673	1.171949	.1789360	295.2229	7.530250	.2025617
Stddev	.48388	.028699	.012769	.0002310	.8607	.069241	.0026548
%RSD	1.491944	.4551369	1.089562	.1291071	.2915368	.9195058	1.310629

#1	32.96943	6.324153	1.159230	.1789207	295.6546	7.480099	.2018024
#2	32.30093	6.272610	1.171849	.1787131	294.2318	7.501401	.2003693
#3	32.02915	6.320254	1.184768	.1791743	295.7824	7.609251	.2055135

Sample Name: I6774-19 Acquired: 12/15/2017 18:12:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.081968	.1899409	.9464096
Stddev	.006512	.0038914	.0056765
%RSD	.2112920	2.048739	.5997979

#1	3.075613	.1936354	.9518717
#2	3.081665	.1903085	.9468167
#3	3.088626	.1858787	.9405405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1230.399	2492.186	39088.86	9376.798	2988.767
Stddev	20.993	25.756	205.43	75.423	19.054
%RSD	1.706171	1.033453	.5255520	.8043586	.6375064

#1	1206.159	2463.287	38874.62	9452.447	2969.167
#2	1242.677	2500.557	39107.80	9376.344	2989.914
#3	1242.360	2512.716	39284.17	9301.602	3007.222

Sample Name: I6774-20 Acquired: 12/15/2017 18:16:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1054903	-.015411	2.902023	.0268453	.0081436	64.90416	.5066652
Stddev	.0042552	.004302	.009290	.0013821	.0013275	.09382	.0014053
%RSD	4.033711	27.91481	.3201361	5.148257	16.30165	.1445545	.2773611

#1	.1041167	-.012279	2.893331	.0276808	.0068162	64.83123	.5080172
#2	.1020915	-.013639	2.900922	.0252500	.0081434	64.87124	.5067662
#3	.1102626	-.020317	2.911814	.0276051	.0094712	65.01001	.5052121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057914	.0578243	55.57347	1.362090	.0594502	3.845456	167.4870
Stddev	.0000836	.0006190	.09071	.007981	.0003805	.015784	.2369
%RSD	1.442845	1.070459	.1632181	.5859195	.6400058	.4104541	.1414597

#1	.0056952	.0571325	55.61520	1.354104	.0595155	3.827637	167.2184
#2	.0058329	.0583259	55.63580	1.370065	.0590413	3.851048	167.5760
#3	.0058461	.0580145	55.46941	1.362102	.0597938	3.857682	167.6665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.106294	113.3524	.5122143	.0092945	547.2469	.4741903	7.232551
Stddev	.001462	.1582	.0016316	.0001808	.5680	.0018237	.046054
%RSD	.0693947	.1395626	.3185410	1.945597	.1037879	.3845855	.6367596

#1	2.107974	113.1982	.5106565	.0094793	547.7257	.4760479	7.272618
#2	2.105598	113.3446	.5120754	.0092862	546.6193	.4724025	7.242799
#3	2.105310	113.5143	.5139109	.0091179	547.3957	.4741206	7.182237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.00033	6.511542	1.242111	.1830894	301.2257	7.790379	.2047430
Stddev	.10898	.070357	.004908	.0008047	1.6036	.027575	.0012800
%RSD	.3302542	1.080492	.3951361	.4395011	.5323733	.3539627	.6251947

#1	32.87898	6.567340	1.238053	.1828710	301.3043	7.791792	.2043997
#2	33.03214	6.432506	1.240713	.1824165	299.5843	7.762125	.2061596
#3	33.08987	6.534780	1.247566	.1839808	302.7887	7.817221	.2036696

Sample Name: I6774-20 Acquired: 12/15/2017 18:16:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.168096	.1875477	.9607332
Stddev	.018867	.0003104	.0017408
%RSD	.5955453	.1655332	.1811939

#1	3.187639	.1878609	.9627275
#2	3.149986	.1875421	.9595183
#3	3.166663	.1872401	.9599537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.902	2405.403	38961.28	8971.303	2893.878
Stddev	7.463	17.152	107.58	24.399	11.811
%RSD	.6178773	.7130700	.2761186	.2719675	.4081452

#1	1200.301	2387.012	38955.32	8962.775	2880.327
#2	1208.186	2408.233	38856.80	8998.821	2899.318
#3	1215.220	2420.964	39071.71	8952.312	2901.989

Sample Name: I6774-21 Acquired: 12/15/2017 18:20:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1679927	.0742436	2.890466	.1207368	.1748207	68.34897	4.562704
Stddev	.0022506	.0027939	.095003	.0062602	.0036283	.06976	.009036
%RSD	1.339716	3.763146	3.286756	5.184982	2.075425	.1020631	.1980311

#1	.1653995	.0748301	2.980523	.1278357	.1784187	68.38215	4.569118
#2	.1691417	.0766977	2.899687	.1183680	.1748807	68.39594	4.566624
#3	.1694369	.0712030	2.791190	.1160066	.1711629	68.26881	4.552371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1336926	.1832794	57.83688	1.927113	1.163086	4.226947	176.5135
Stddev	.0009266	.0116725	.13083	.005362	.076437	.004010	.0637
%RSD	.6930717	6.368676	.2262093	.2782145	6.571880	.0948654	.0360662

#1	.1329019	.1945922	57.79038	1.927518	1.238708	4.224489	176.4655
#2	.1334638	.1839682	57.73565	1.921561	1.164692	4.224778	176.4893
#3	.1347122	.1712778	57.98461	1.932261	1.085860	4.231574	176.5857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.382735	117.1791	1.595405	.1460620	525.8268	1.626675	7.454818
Stddev	.007601	.4959	.087795	.0004184	1.1955	.010963	.040238
%RSD	.2246925	.4231885	5.503018	.2864296	.2273654	.6739517	.5397637

#1	3.375210	116.7583	1.681293	.1460447	526.8137	1.617025	7.457604
#2	3.382586	117.0533	1.599102	.1464888	526.1694	1.638595	7.493590
#3	3.390409	117.7258	1.505819	.1456526	524.4974	1.624403	7.413258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.65092	6.053912	1.296601	.1710715	286.0602	11.12697	.2048782
Stddev	.09578	.117657	.003590	.0024107	6.0199	.03647	.0055854
%RSD	.3026019	1.943480	.2768401	1.409164	2.104400	.3277246	2.726210

#1	31.55514	6.189050	1.294233	.1738527	292.8491	11.10979	.2097316
#2	31.65091	5.998447	1.294839	.1697806	283.9586	11.10225	.2061299
#3	31.74670	5.974240	1.300731	.1695812	281.3729	11.16885	.1987731

Sample Name: I6774-21 Acquired: 12/15/2017 18:20:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.212946	.1778765	.9113908
Stddev	.003537	.0003433	.0019450
%RSD	.1100877	.1929756	.2134060

#1	3.216301	.1775382	.9133632
#2	3.213286	.1782245	.9113346
#3	3.209251	.1778669	.9094745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.331	2471.615	37575.13	7961.735	2910.768
Stddev	1.914	21.543	31.33	43.362	16.994
%RSD	.1514906	.8715983	.0833892	.5446338	.5838436

#1	1263.413	2482.786	37584.35	7993.302	2892.183
#2	1261.377	2485.276	37540.23	7979.611	2914.605
#3	1265.202	2446.781	37600.83	7912.292	2925.516

Sample Name: I6774-19LX5 Acquired: 12/15/2017 18:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261303	-.004184	.6029727	.0089041	.0015707	13.24625	.1047232
Stddev	.0025015	.002197	.0183406	.0015472	.0014431	.10866	.0013974
%RSD	9.573133	52.51372	3.041698	17.37585	91.87656	.8203352	1.334356

#1	.0275937	-.006390	.5976080	.0098010	.0000085	13.36979	.1061736
#2	.0232419	-.001996	.6233974	.0071176	.0018496	13.20351	.1046101
#3	.0275553	-.004164	.5879126	.0097936	.0028540	13.16545	.1033857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012601	.0113677	11.48984	.2956672	.0116362	.7931883	35.78479
Stddev	.0001288	.0008224	.29593	.0002849	.0004141	.0082122	.45295
%RSD	10.21810	7.234028	2.575586	.0963566	3.558626	1.035342	1.265758

#1	.0014057	.0114828	11.16650	.2956838	.0119847	.8018985	35.32155
#2	.0012137	.0121265	11.55577	.2959435	.0117454	.7920798	35.80614
#3	.0011610	.0104939	11.74724	.2953744	.0111784	.7855867	36.22669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4456731	23.10088	.1023160	.0018897	110.8278	.0991758	1.421312
Stddev	.0050926	.20829	.0036936	.0001116	.5514	.0019847	.004941
%RSD	1.142680	.9016519	3.609993	5.904383	.4975516	2.001143	.3476269

#1	.4398484	22.89758	.1037442	.0018666	111.4637	.0968907	1.419655
#2	.4478855	23.09125	.1050822	.0017914	110.5375	.1004678	1.426869
#3	.4492853	23.31382	.0981215	.0020110	110.4822	.1001690	1.417413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.453808	1.197290	.2747558	.0388042	57.65730	1.716357	.0434558
Stddev	.055380	.023970	.0067318	.0008743	.56597	.031232	.0019741
%RSD	.8580956	2.002048	2.450112	2.253168	.9816122	1.819678	4.542735

#1	6.517306	1.174448	.2688962	.0388816	57.53919	1.682120	.0420039
#2	6.428607	1.222248	.2732622	.0378938	58.27301	1.723660	.0457036
#3	6.415510	1.195174	.2821090	.0396373	57.15971	1.743291	.0426600

Sample Name: I6774-19LX5 Acquired: 12/15/2017 18:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6635094	.0391379	.1944505
Stddev	.0034616	.0014722	.0014850
%RSD	.5217110	3.761510	.7636803

#1	.6608227	.0403128	.1961112
#2	.6622898	.0396143	.1939901
#3	.6674157	.0374865	.1932503

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.368	2569.496	40589.00	8778.664	3472.748
Stddev	5.071	189.468	158.05	184.517	149.805
%RSD	.3905434	7.373758	.3893834	2.101878	4.313735

#1	1292.998	2556.093	40427.40	8972.495	3394.685
#2	1299.032	2765.310	40596.36	8758.356	3645.462
#3	1303.075	2387.084	40743.24	8605.142	3378.095

Sample Name: CCV040 Acquired: 12/15/2017 18:32:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919378	4.703123	24.28555	4.871099	4.938000	399.3419
Stddev	.018105	.023936	.09907	.028855	.023503	2.1831
%RSD	.3680308	.5089445	.4079443	.5923813	.4759627	.5466809

#1	4.906423	4.685885	24.24160	4.837785	4.936083	397.8661
#2	4.911645	4.730453	24.21606	4.888239	4.915514	398.3099
#3	4.940065	4.693032	24.39899	4.887275	4.962402	401.8497

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.690406	.4971675	2.513554	404.0028	15.37483	2.459543
Stddev	.034029	.0025600	.006742	.6339	.06934	.002942
%RSD	.3511584	.5149135	.2682283	.1569045	.4510121	.1196214

#1	9.725824	.4954550	2.506561	403.8042	15.29491	2.459078
#2	9.657962	.4959370	2.514087	403.4920	15.41901	2.456862
#3	9.687433	.5001104	2.520013	404.7122	15.41056	2.462691

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83259	409.2739	14.60679	400.3318	2.429031	F 1.512049
Stddev	.08184	1.4216	.04015	1.7170	.007464	.003645
%RSD	.5517495	.3473385	.2748575	.4288953	.3072796	.2410535

#1	14.88100	409.3426	14.62195	400.4667	2.423448	1.508216
#2	14.73810	407.8192	14.56127	398.5514	2.426137	1.515471
#3	14.87867	410.6598	14.63715	401.9774	2.437509	1.512460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.2611	2.436422	14.66540	148.8614	5.074716	4.832493
Stddev	1.0818	.017062	.14585	.8339	.016185	.025166
%RSD	.2723059	.7002869	.9945285	.5602044	.3189316	.5207738

#1	398.2126	2.455251	14.80680	149.3608	5.077589	4.823831
#2	396.0845	2.421986	14.67393	147.8987	5.089272	4.812802
#3	397.4860	2.432030	14.51547	149.3248	5.057287	4.860847

Sample Name: CCV040 Acquired: 12/15/2017 18:32:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.893817	4.955544	4.815443	4.952316	4.865000	4.920805
Stddev	.020069	.019412	.031213	.009748	.012022	.018512
%RSD	.4100949	.3917227	.6481865	.1968324	.2471111	.3762028

#1	4.874284	4.937374	4.794826	4.942467	4.858255	4.940932
#2	4.892785	4.975996	4.800149	4.952523	4.878880	4.904506
#3	4.914383	4.953262	4.851353	4.961959	4.857865	4.916977

Elem	Sr4077
Units	ppm
Avg	4.972157
Stddev	.037433
%RSD	.7528583

#1	4.964227
#2	4.939324
#3	5.012920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1038.849	2047.812	35821.54	8879.624	2628.503
Stddev	12.545	5.512	121.89	25.730	2.211
%RSD	1.207618	.2691541	.3402806	.2897641	.0841169

#1	1025.482	2050.428	35752.20	8871.928	2628.728
#2	1040.697	2051.530	35750.13	8908.324	2630.592
#3	1050.368	2041.480	35962.28	8858.621	2626.187

Sample Name: CCB040 Acquired: 12/15/2017 18:36:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003423	.0012182	.0004053	.0025439	-.000330	.0032292	-.000054
Stddev	.0027533	.0018451	.0012347	.0007417	.000496	.0023562	.000226
%RSD	804.4879	151.4614	304.6850	29.15520	150.4952	72.96453	417.7969

#1	-.002786	.0018110	-.001002	.0017615	-.000720	.0013287	-.000289
#2	.001415	.0026940	.001309	.0032367	-.000499	.0058655	.000162
#3	.002398	-.000850	.000909	.0026335	.000229	.0024935	-.000036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000019	.0058994	.0001059	.0002892	-.000428	.0045283
Stddev	.000052	.000104	.0048787	.0001265	.0001181	.000885	.0040124
%RSD	176.8402	556.5409	82.69928	119.4029	40.84118	206.8817	88.60725

#1	.000013	-.000130	.0004941	.0002478	.0004199	-.000632	.0071399
#2	-.000088	-.000000	.0072273	.0000650	.0002574	-.001192	.0065365
#3	-.000014	.000074	.0099766	.0000050	.0001902	.000541	-.000092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002496	-.003580	.0002351	-.000187	-.045025	-.002268	.0024875
Stddev	.0001057	.007662	.0002363	.000150	.109041	.001023	.0043689
%RSD	42.36427	214.0405	100.5308	80.13587	242.1779	45.10971	175.6336

#1	.0001535	.004526	.0004823	-.000311	-.152027	-.002605	.0069752
#2	.0003629	-.010702	.0002115	-.000021	-.048997	-.003081	-.001752
#3	.0002325	-.004563	.0000114	-.000228	.065948	-.001119	.002240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111740	-.001404	.0033243	.0008910	.0168600	-.000986	.0002801
Stddev	.0262969	.001332	.0005268	.0001792	.0017932	.000458	.0016643
%RSD	235.3407	94.89475	15.84814	20.10932	10.63609	46.42489	594.2136

#1	-.019187	-.000271	.0036147	.0010955	.0175012	-.000459	.0017906
#2	.026787	-.001069	.0036420	.0008161	.0148343	-.001281	.0005538
#3	.025922	-.002871	.0027161	.0007615	.0182445	-.001218	-.001504

Sample Name: CCB040 Acquired: 12/15/2017 18:36:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v369) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000225	.0007834	.0000223
Stddev	.0005842	.0005251	.0000155
%RSD	2591.857	67.03132	69.59245

#1	.0003991	.0010285	.0000400
#2	.0003189	.0001805	.0000113
#3	-.000650	.0011411	.0000155

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.690	2576.341	44152.07	9568.291	4072.742
Stddev	6.873	5.946	175.37	33.681	13.143
%RSD	.5244155	.2307740	.3972062	.3520015	.3227006

#1	1304.237	2569.507	43950.48	9602.126	4057.755
#2	1317.918	2580.320	44269.53	9567.980	4082.302
#3	1309.913	2579.197	44236.20	9534.767	4078.170