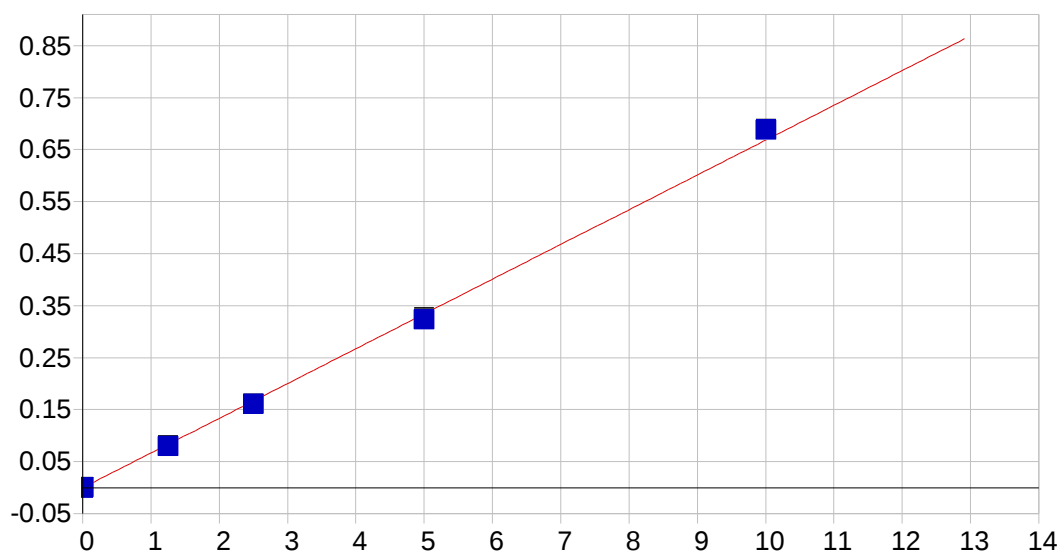




As 189.042 {479}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000282

Re-Slope: 1.000000

A1 (Gain): 0.066860

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999500

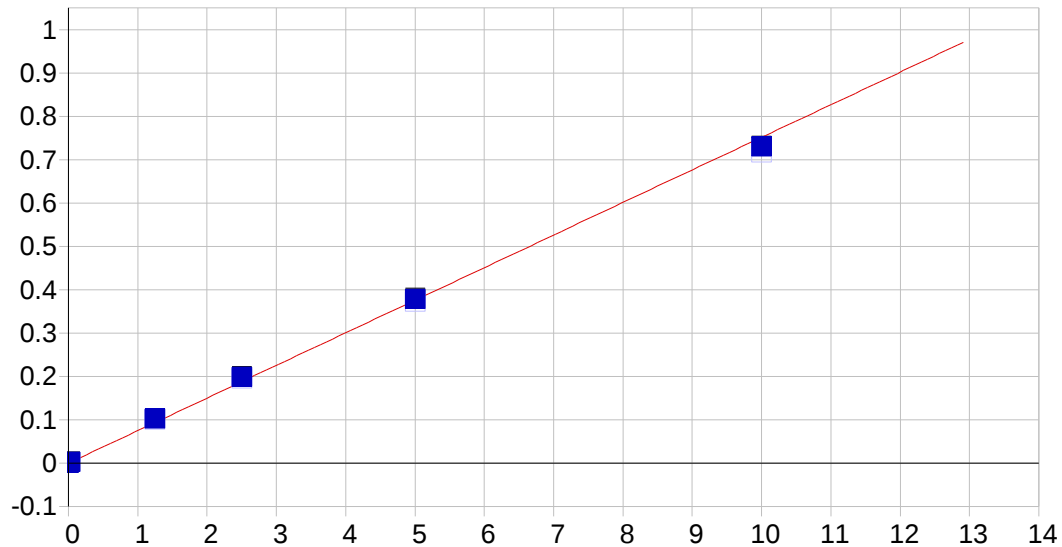
Status: OK.

Std Error of Est: 0.000035

Predicted MDL: 0.002776

Predicted MQL: 0.009255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.00998	.000	-.207	.00038	.000	1
S2	1.2500	1.2034	-.047	-3.73	.08015	.001	1
S3	2.5000	2.4063	-.094	-3.75	.16055	.000	1
S4	5.0000	4.8452	-.155	-3.10	.32357	.003	1
S5	10.000	10.295	.295	2.95	.68786	.001	1



TI 190.856 {477}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000115

Re-Slope: 1.000000

A1 (Gain): 0.075160

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999260

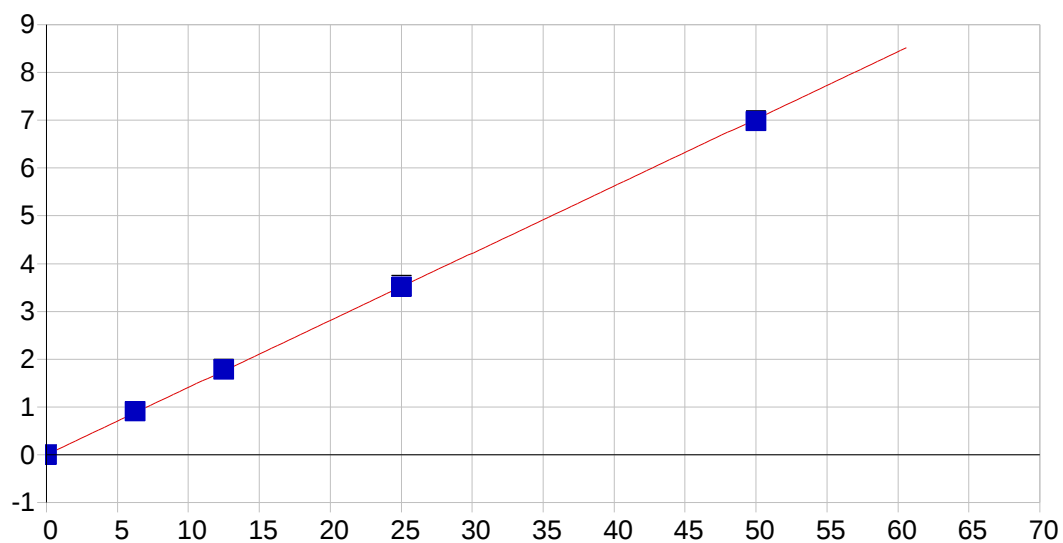
Status: OK.

Std Error of Est: 0.000075

Predicted MDL: 0.001479

Predicted MQL: 0.004931

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00012	.000	1
S1	.02500	.02897	.004	15.9	.00190	.000	1
S2	1.2500	1.3586	.109	8.69	.10029	.001	1
S3	2.5000	2.6435	.143	5.74	.19515	.001	1
S4	5.0000	5.0321	.032	.642	.37127	.002	1
S5	10.000	9.7121	-.288	-2.88	.71618	.001	1



Pb 220.353 {453}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000104

Re-Slope: 1.000000

A1 (Gain): 0.140539

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999943

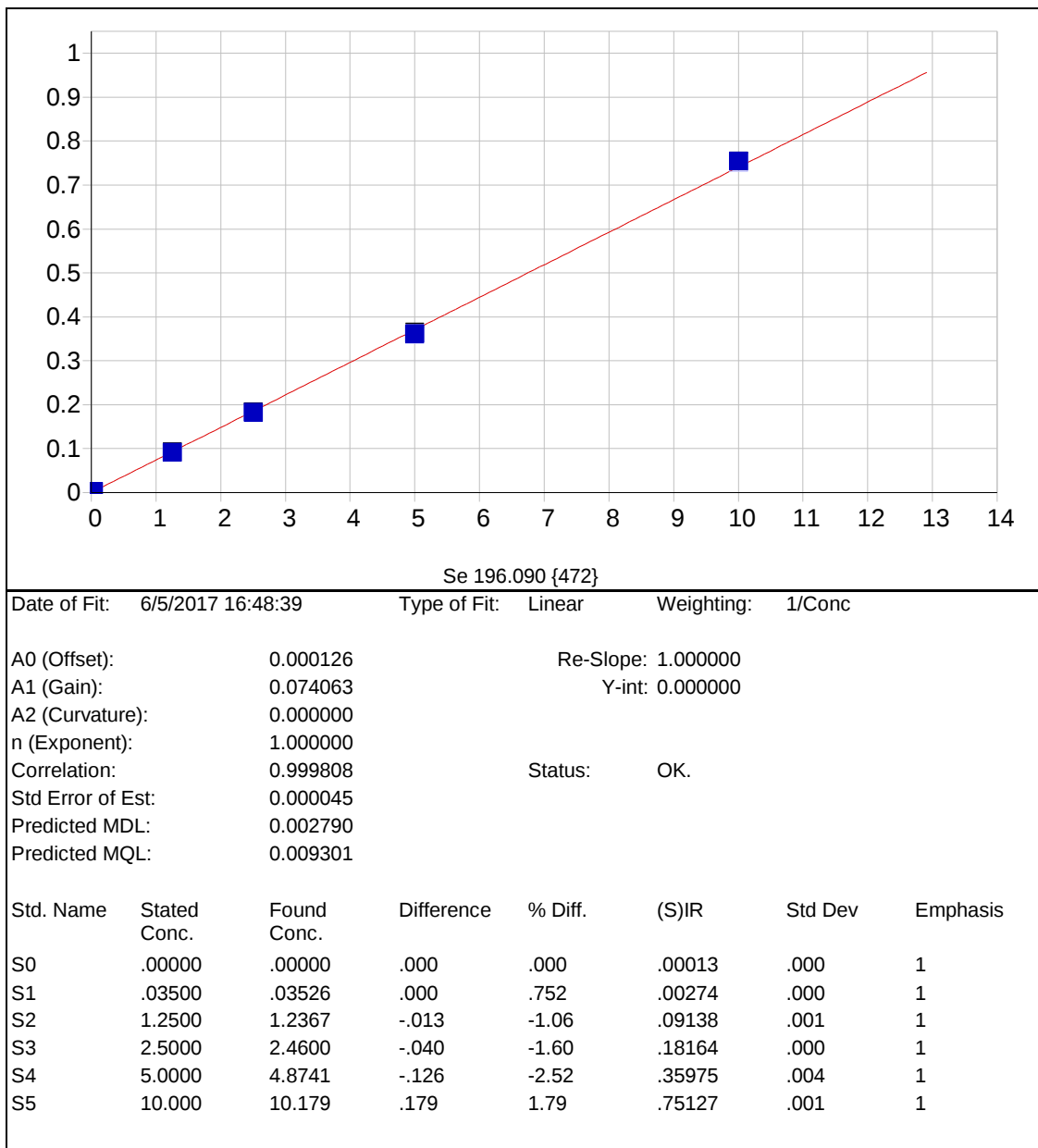
Status: OK.

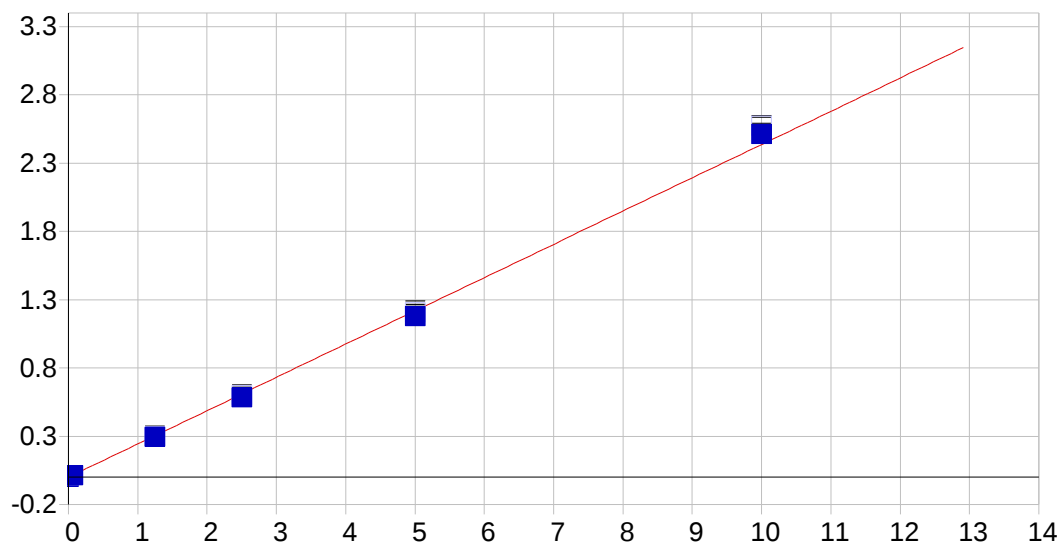
Std Error of Est: 0.000056

Predicted MDL: 0.001498

Predicted MQL: 0.004993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.00961	.000	-3.87	.00145	.000	1
S2	6.2500	6.4333	.183	2.93	.90449	.001	1
S3	12.500	12.687	.187	1.50	1.7837	.004	1
S4	25.000	24.976	-.024	-.097	3.5112	.031	1
S5	50.000	49.654	-.346	-.692	6.9805	.010	1





Sb 206.833 {463}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000116

Re-Slope: 1.000000

A1 (Gain): 0.243637

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999464

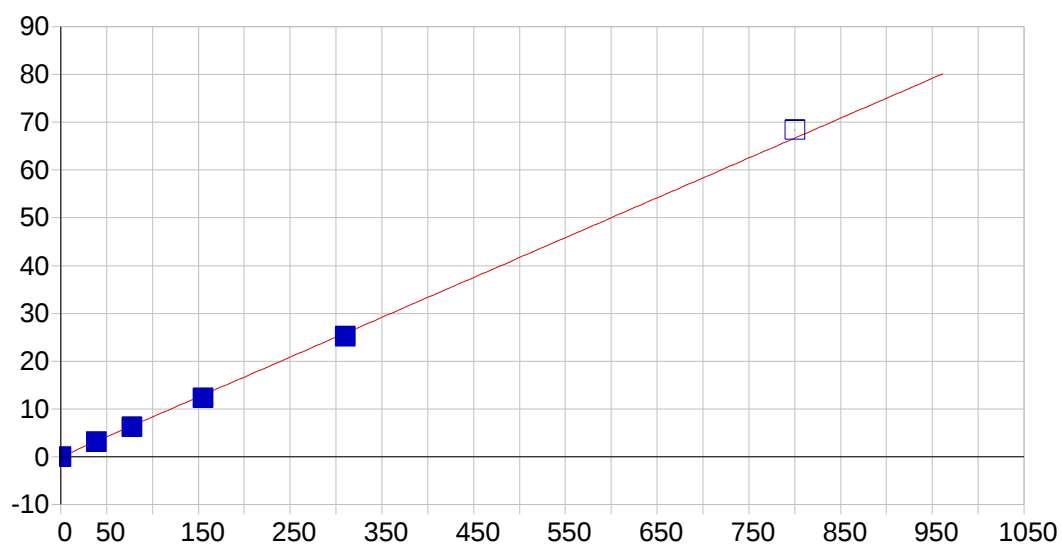
Status: OK.

Std Error of Est: 0.000336

Predicted MDL: 0.001164

Predicted MQL: 0.003880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00012	.000	1
S1	.06000	.05882	-.001	-1.97	.01444	.000	1
S2	1.2500	1.2003	-.050	-3.98	.29987	.001	1
S3	2.5000	2.4022	-.098	-3.91	.60001	.002	1
S4	5.0000	4.8346	-.165	-3.31	1.2073	.011	1
S5	10.000	10.314	.314	3.14	2.5716	.005	1



AI 396.152 { 85}

Date of Fit: 6/5/2017 16:52:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000588

Re-Slope: 1.000000

A1 (Gain): 0.083353

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999547

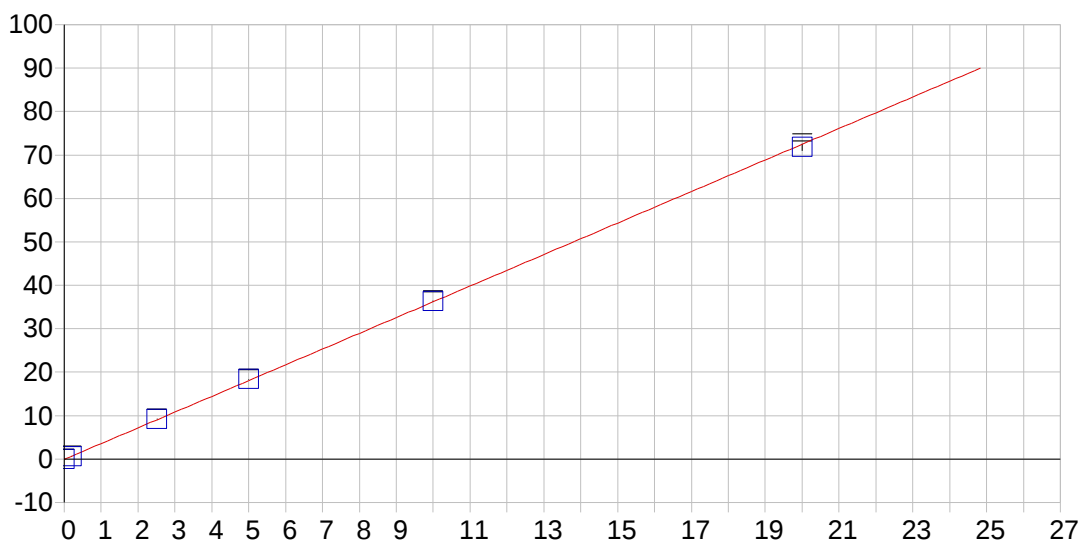
Status: OK.

Std Error of Est: 0.001561

Predicted MDL: 0.008211

Predicted MQL: 0.027370

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00059	.001	1
S1	.20000	.19213	-.008	-3.94	.01663	.000	1
S2	38.750	37.325	-1.43	-3.68	3.1156	.004	1
S3	77.500	74.143	-3.36	-4.33	6.1884	.015	1
S4	155.00	147.85	-7.15	-4.61	12.340	.052	1
S5	310.00	301.79	-8.21	-2.65	25.186	.032	1
S6	800.00	820.18	20.2	2.52	68.364	.070	1



Ba 493.409 { 68}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.071865

Re-Slope: 1.000000

A1 (Gain): 3.627155

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

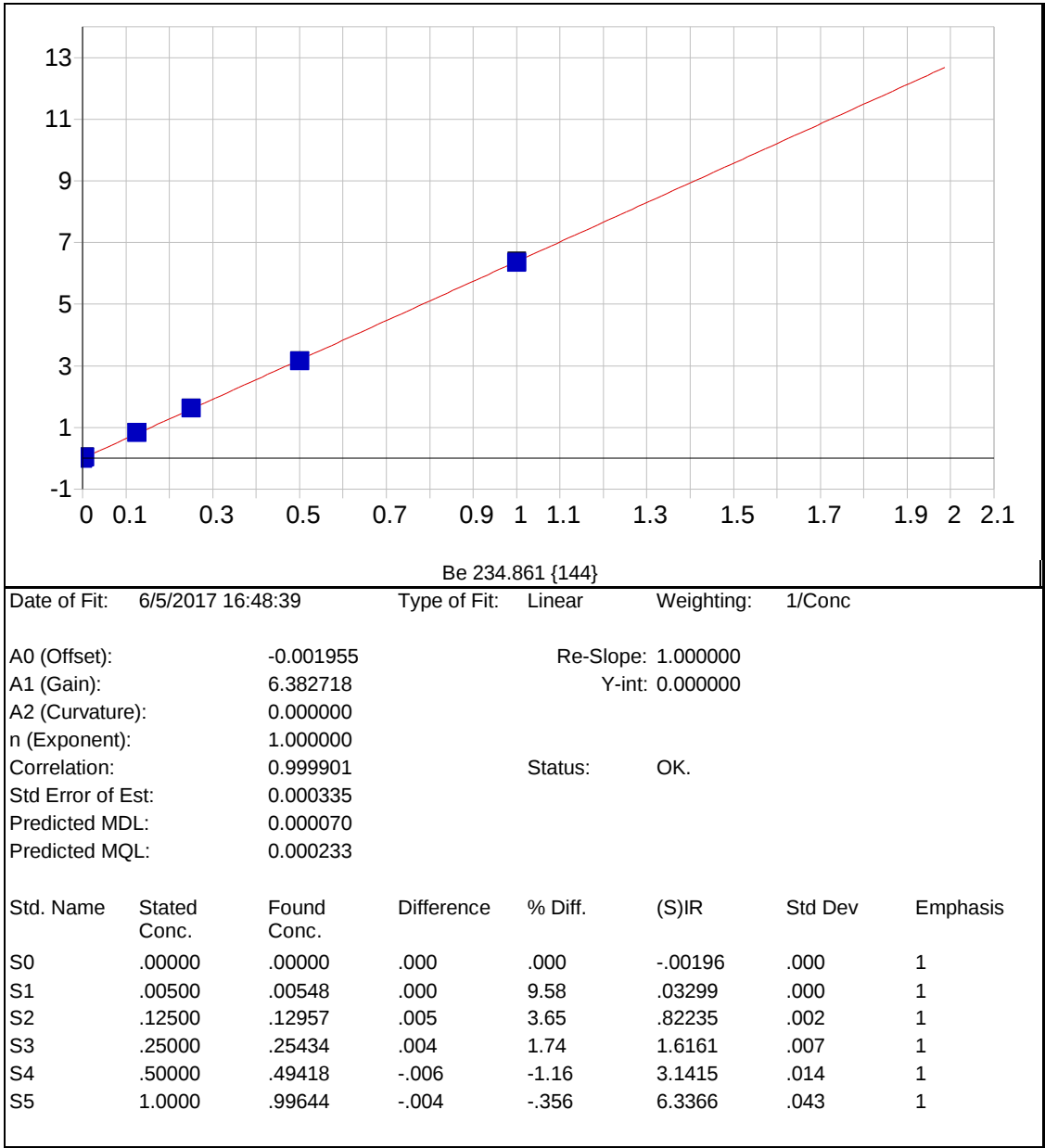
Status: OK.

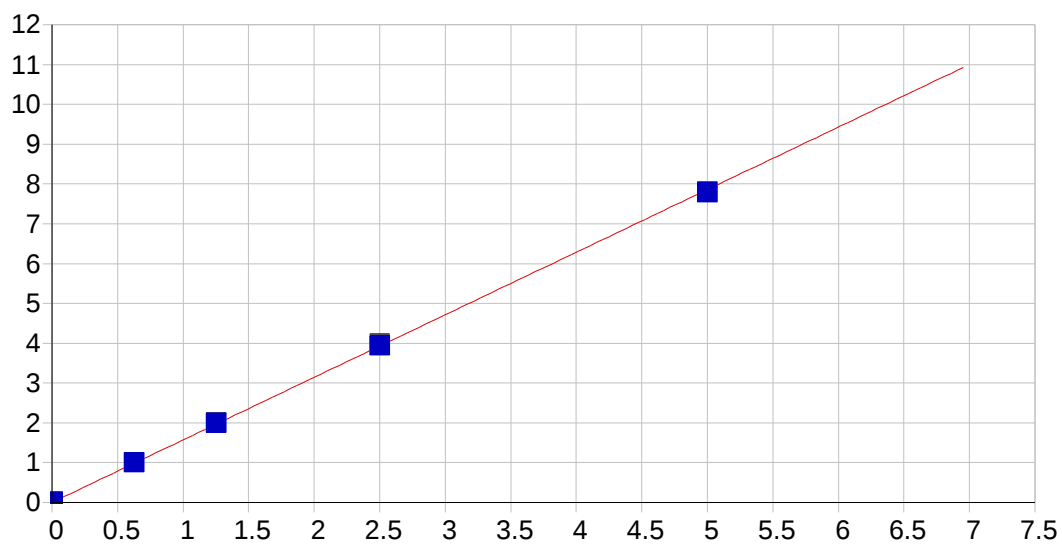
Std Error of Est: 0.004340

Predicted MDL: 0.000750

Predicted MQL: 0.002501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.07191	.001	1
S1	.20000	.20430	.004	2.15	.66917	.004	1
S2	2.5000	2.5555	.056	2.22	9.1974	.025	1
S3	5.0000	5.0868	.087	1.74	18.379	.065	1
S4	10.000	10.042	.042	.416	36.351	.124	1
S5	20.000	19.812	-.188	-.941	71.788	.794	1





Cd 214.438 {457}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000240

Re-Slope: 1.000000

A1 (Gain): 1.571479

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999929

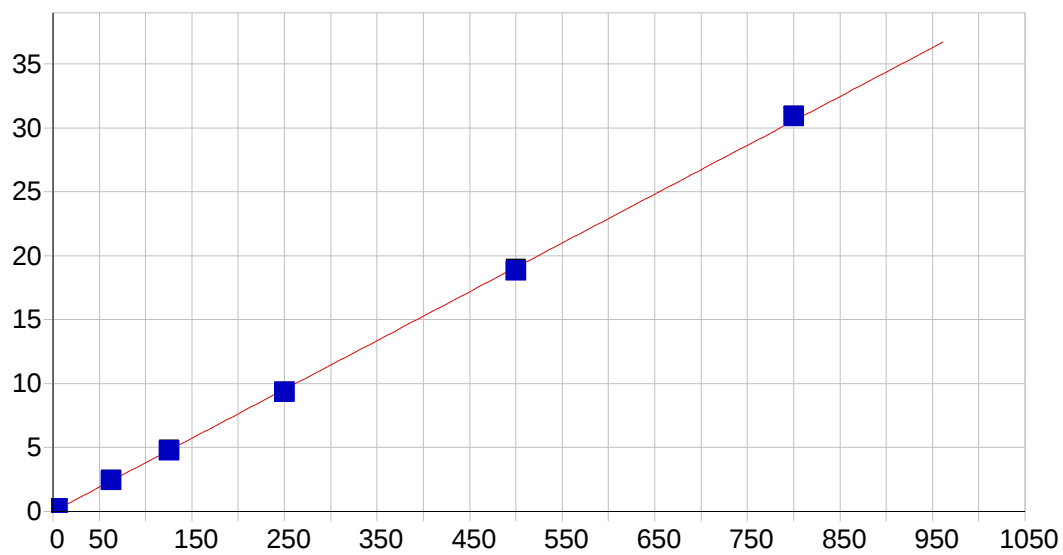
Status: OK.

Std Error of Est: 0.000157

Predicted MDL: 0.000093

Predicted MQL: 0.000311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.00500	.00514	.000	2.71	.00832	.000	1
S2	.62500	.64149	.016	2.64	1.0100	.002	1
S3	1.2500	1.2718	.022	1.74	2.0023	.006	1
S4	2.5000	2.5104	.010	.415	3.9521	.032	1
S5	5.0000	4.9512	-.049	-.976	7.7947	.014	1



Ca 373.690 { 90}

Date of Fit: 6/5/2017 16:52:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001467

Re-Slope: 1.000000

A1 (Gain): 0.038183

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999905

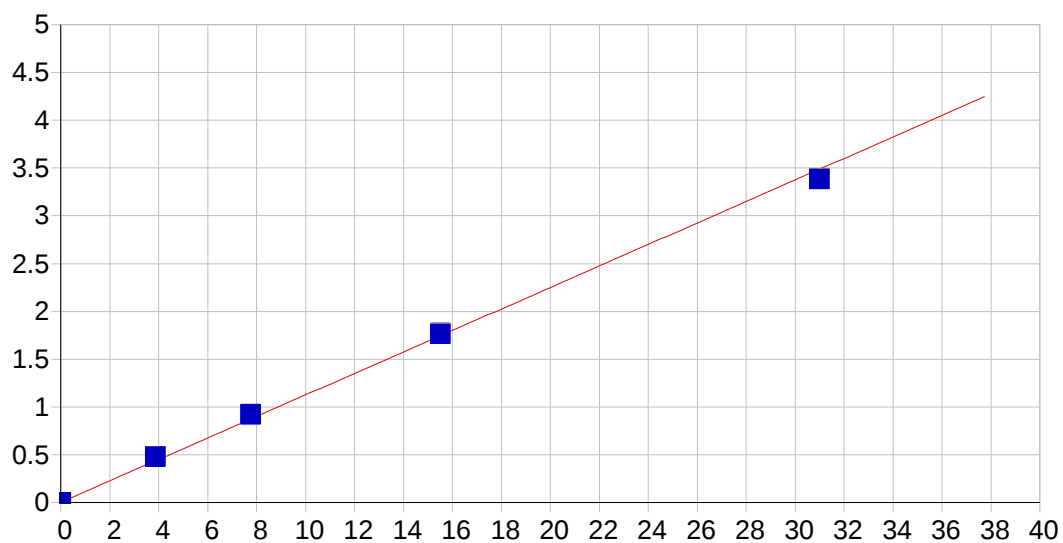
Status: OK.

Std Error of Est: 0.001836

Predicted MDL: 0.014762

Predicted MQL: 0.049207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	.000	.000	.00146	.000	1
S1	5.0000	5.1545	.154	3.09	.19827	.001	1
S2	62.500	63.924	1.42	2.28	2.4394	.006	1
S3	125.00	125.18	.183	.147	4.7755	.012	1
S4	250.00	245.02	-4.98	-1.99	9.3455	.017	1
S5	500.00	493.68	-6.32	-1.26	18.828	.098	1
S6	800.00	809.55	9.55	1.19	30.851	.021	1



Cr 267.716 {126}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000049

Re-Slope: 1.000000

A1 (Gain): 0.112485

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999267

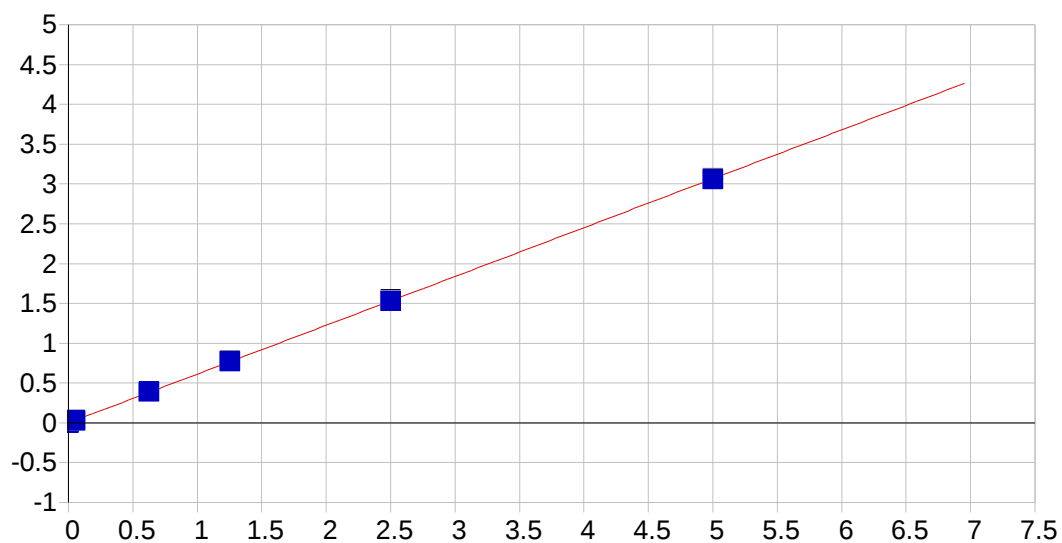
Status: OK.

Std Error of Est: 0.000128

Predicted MDL: 0.000447

Predicted MQL: 0.001492

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01104	.001	10.4	.00131	.000	1
S2	3.8750	4.2317	.357	9.20	.47718	.004	1
S3	7.7500	8.1554	.405	5.23	.91967	.003	1
S4	15.500	15.690	.190	1.22	1.7694	.005	1
S5	31.000	30.047	-.953	-3.07	3.3889	.002	1



Co 228.616 {448}

Date of Fit: 6/5/2017 16:48:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000359

Re-Slope: 1.000000

A1 (Gain): 0.613160

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

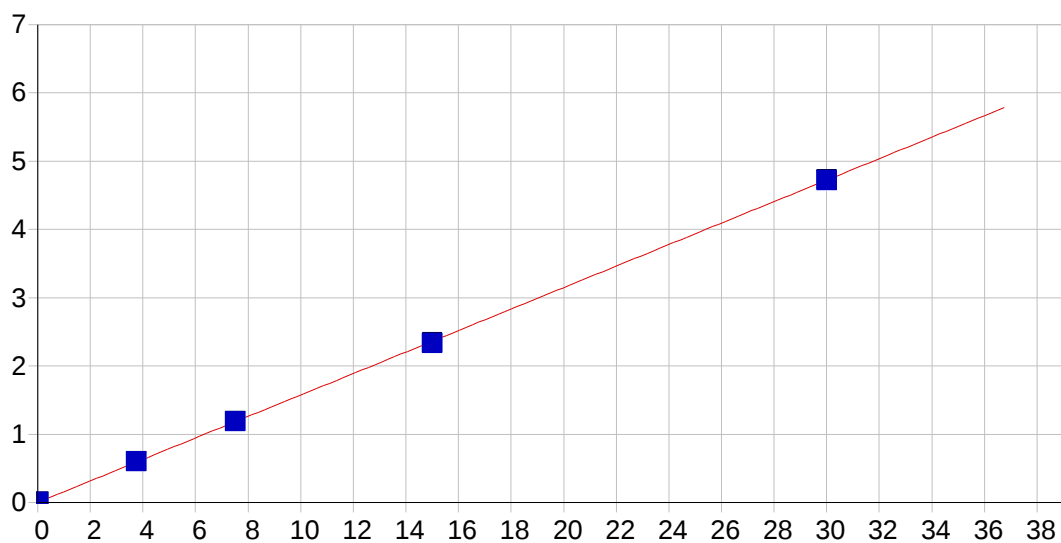
Status: OK.

Std Error of Est: 0.000093

Predicted MDL: 0.000245

Predicted MQL: 0.000817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.05000	.04899	-.001	-2.01	.02979	.000	1
S2	.62500	.63409	.009	1.45	.38924	.000	1
S3	1.2500	1.2612	.011	.892	.77453	.003	1
S4	2.5000	2.4964	-.004	-.143	1.5335	.012	1
S5	5.0000	4.9844	-.016	-.313	3.0622	.006	1



Cu 324.754 {104}

Date of Fit: 6/5/2017 16:48:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000748

Re-Slope: 1.000000

A1 (Gain): 0.157402

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

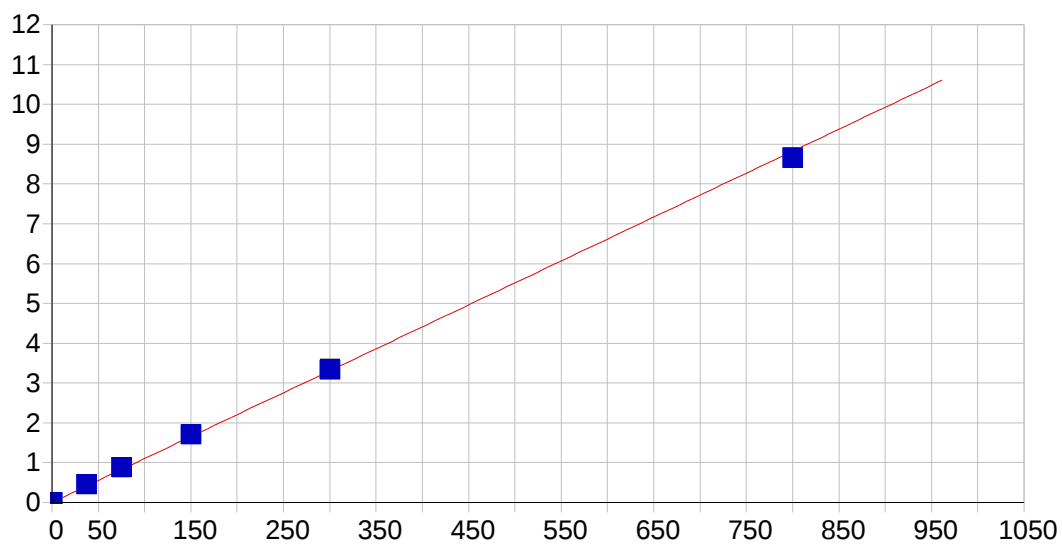
Status: OK.

Std Error of Est: 0.000058

Predicted MDL: 0.002318

Predicted MQL: 0.007726

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.02500	.02747	.002	9.89	.00505	.000	1
S2	3.7500	3.8275	.078	2.07	.60153	.003	1
S3	7.5000	7.5595	.059	.793	1.1873	.002	1
S4	15.000	14.862	-.138	-.918	2.3334	.006	1
S5	30.000	29.998	-.002	-.006	4.7091	.012	1



Fe 259.837 {130}

Date of Fit: 6/5/2017 16:52:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000332

Re-Slope: 1.000000

A1 (Gain): 0.011029

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999558

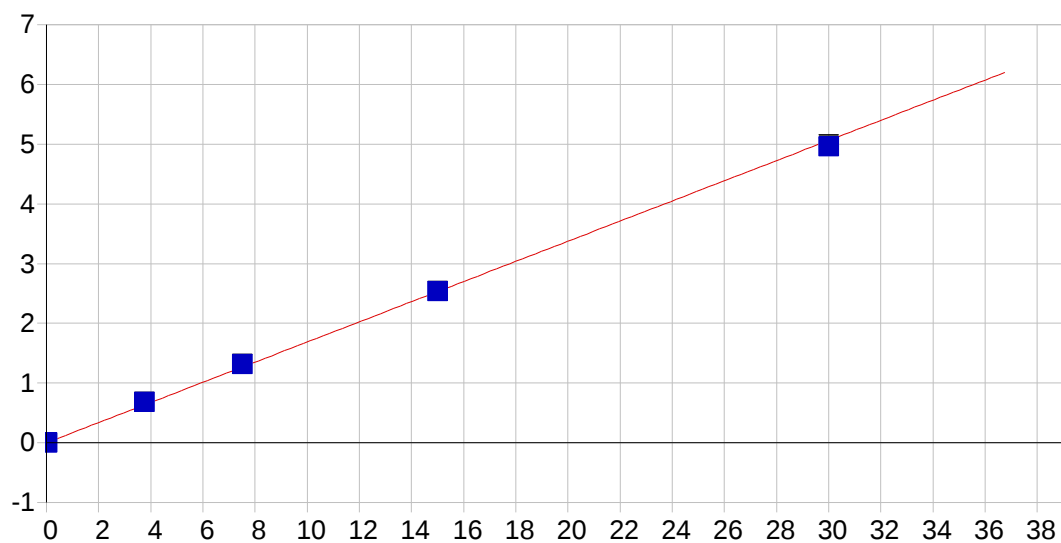
Status: OK.

Std Error of Est: 0.000143

Predicted MDL: 0.017156

Predicted MQL: 0.057187

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00033	.000	1
S1	.10000	.08952	-.010	-10.5	.00133	.000	1
S2	37.500	41.246	3.75	9.99	.45572	.002	1
S3	75.000	80.196	5.20	6.93	.88580	.002	1
S4	150.00	154.44	4.44	2.96	1.7056	.002	1
S5	300.00	302.57	2.57	.855	3.3413	.011	1
S6	800.00	784.05	-16.0	-1.99	8.6520	.007	1



Mn 257.610 {131}

Date of Fit: 6/5/2017 16:48:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000108

Re-Slope: 1.000000

A1 (Gain): 0.168722

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999630

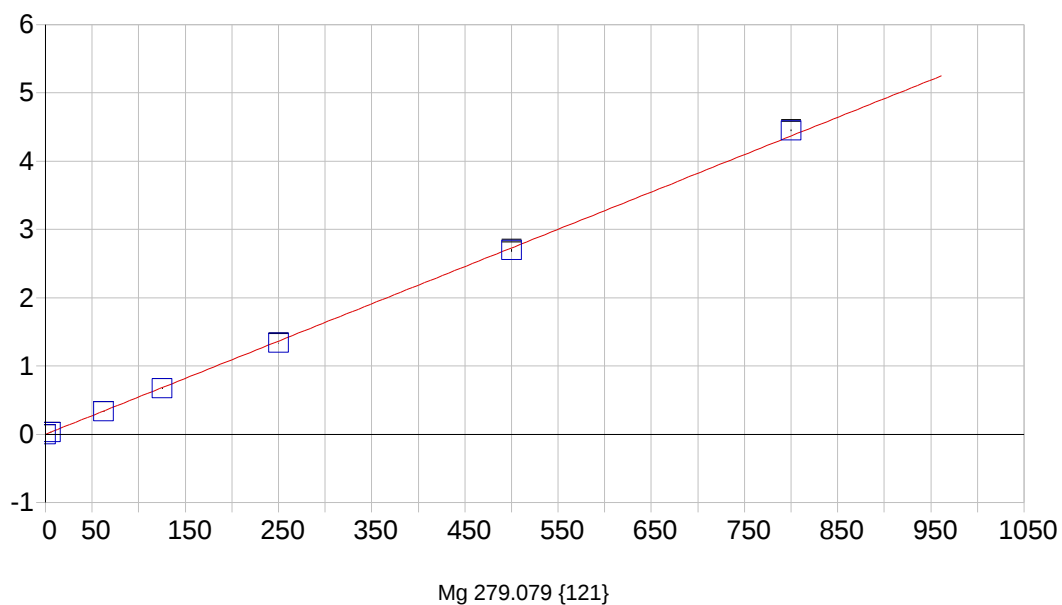
Status: OK.

Std Error of Est: 0.000163

Predicted MDL: 0.001123

Predicted MQL: 0.003744

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01500	.01607	.001	7.15	.00261	.000	1
S2	3.7500	4.0151	.265	7.07	.67747	.002	1
S3	7.5000	7.7917	.292	3.89	1.3148	.004	1
S4	15.000	15.028	.028	.188	2.5360	.003	1
S5	30.000	29.414	-.586	-1.95	4.9638	.025	1



Date of Fit: 6/5/2017 16:52:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000178

Re-Slope: 1.000000

A1 (Gain): 0.005461

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999847

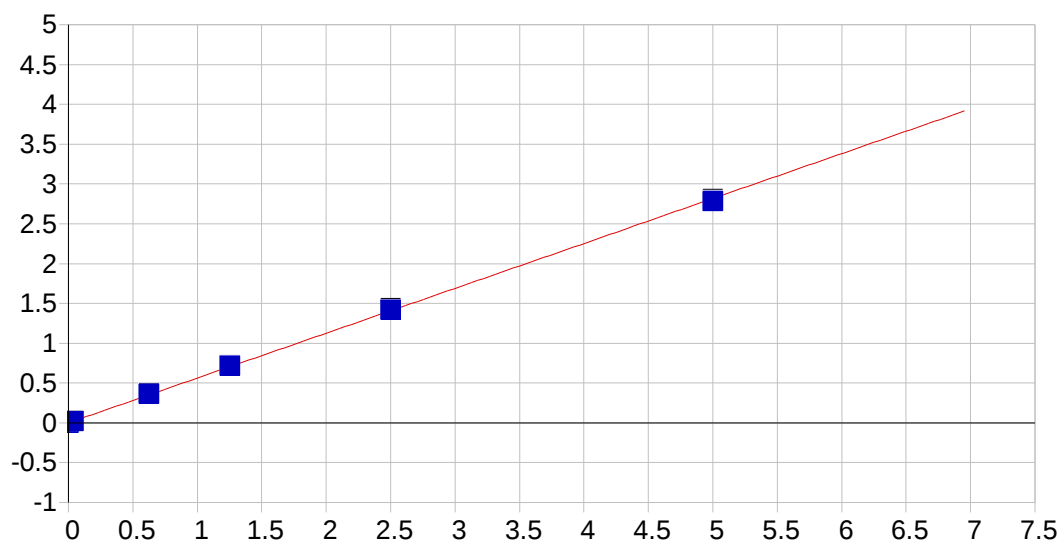
Status: OK.

Std Error of Est: 0.000333

Predicted MDL: 0.044746

Predicted MQL: 0.149154

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	-.00018	.000	1
S1	5.0000	4.9418	-.058	-1.16	.02681	.000	1
S2	62.500	61.417	-1.08	-1.73	.33522	.000	1
S3	125.00	122.89	-2.11	-1.69	.67091	.002	1
S4	250.00	244.74	-5.26	-2.10	1.3363	.006	1
S5	500.00	493.49	-6.51	-1.30	2.6948	.018	1
S6	800.00	815.02	15.0	1.88	4.4506	.011	1

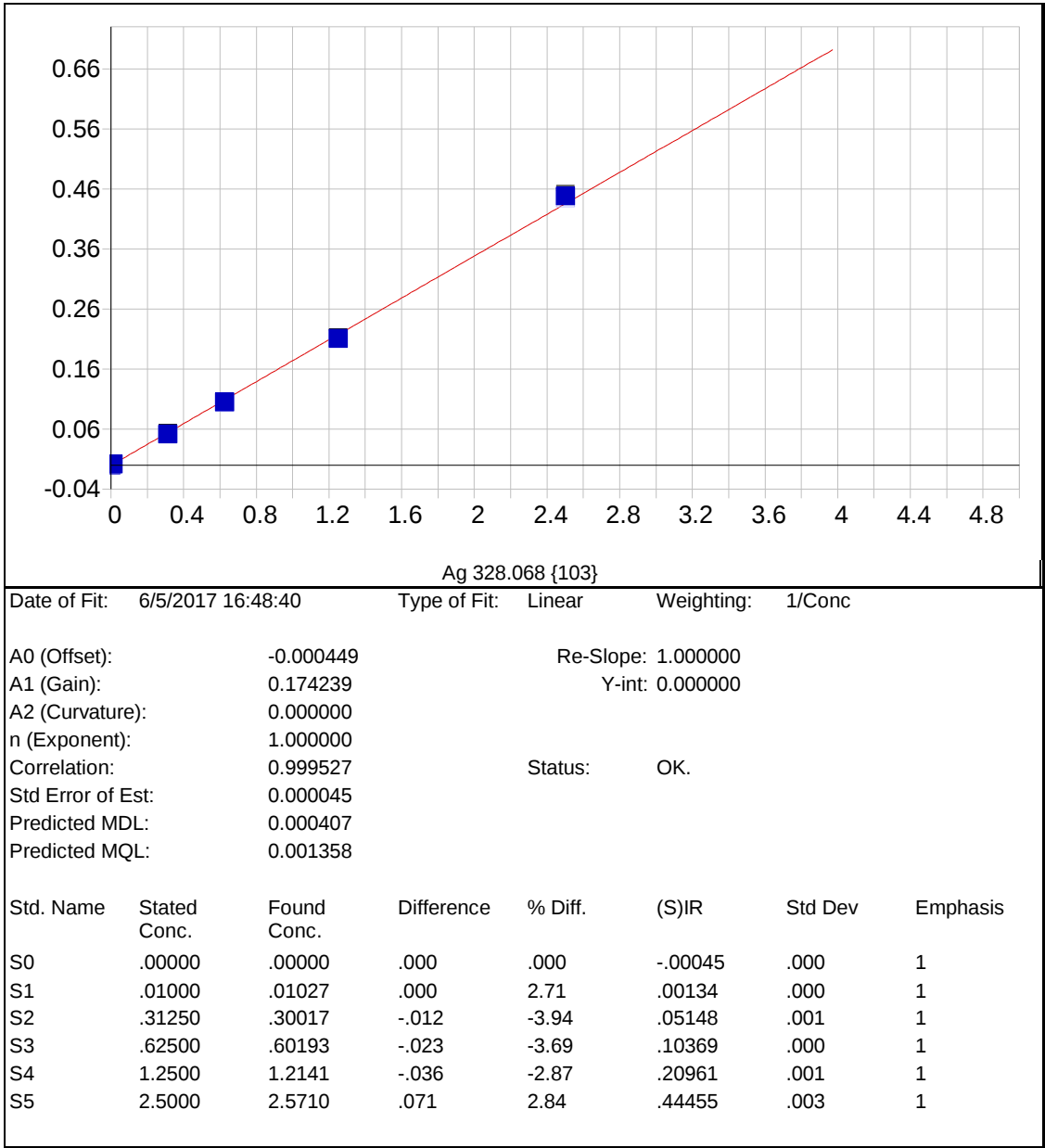


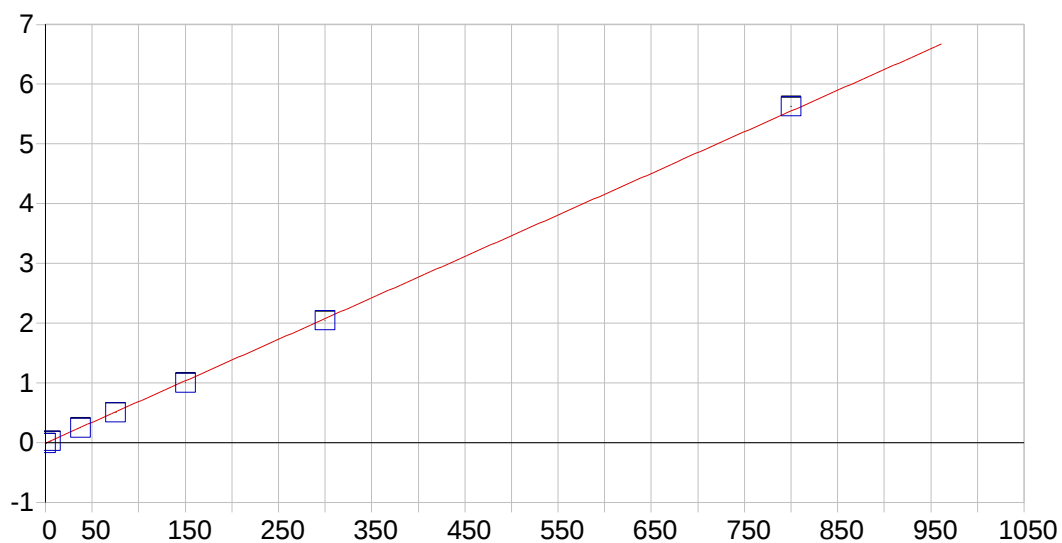
Ni 231.604 {446}

Date of Fit: 6/5/2017 16:48:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.563376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.000347
 Predicted MQL: 0.001157

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.04000	.04056	.001	1.40	.02237	.000	1
S2	.62500	.64298	.018	2.88	.36358	.002	1
S3	1.2500	1.2756	.026	2.05	.72186	.002	1
S4	2.5000	2.5153	.015	.614	1.4240	.012	1
S5	5.0000	4.9405	-.060	-1.19	2.7977	.009	1





Na 818.326 { 41}

Date of Fit: 6/5/2017 16:52:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005469

Re-Slope: 1.000000

A1 (Gain): 0.006944

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999845

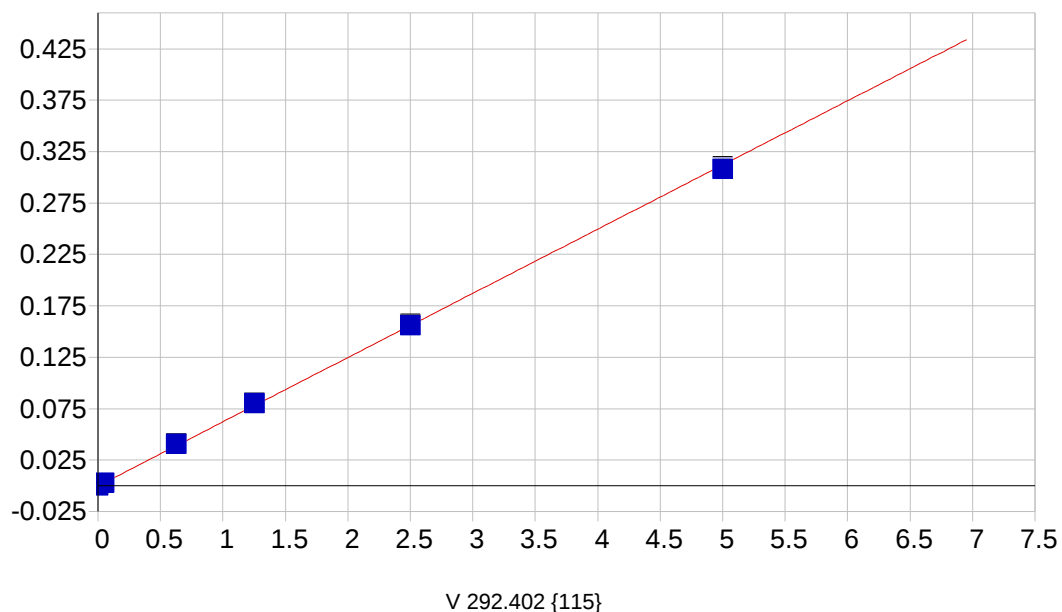
Status: OK.

Std Error of Est: 0.000378

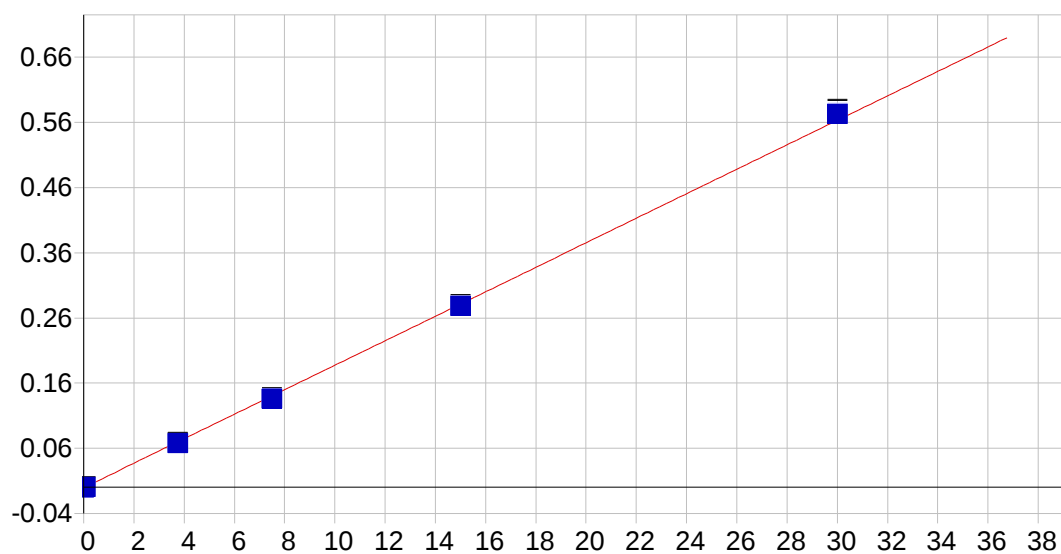
Predicted MDL: 0.197859

Predicted MQL: 0.659530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	-.00547	.001	1
S1	5.0000	5.0886	.089	1.77	.02986	.001	1
S2	37.500	37.156	-.344	-.918	.25252	.001	1
S3	75.000	73.505	-1.49	-1.99	.50492	.003	1
S4	150.00	145.29	-4.71	-3.14	1.0034	.003	1
S5	300.00	295.09	-4.91	-1.64	2.0435	.002	1
S6	800.00	811.37	11.4	1.42	5.6283	.008	1



Date of Fit:		6/5/2017 16:48:40		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		-0.000158		Re-Slope:		1.000000		Y-int: 0.000000			
A1 (Gain):		0.062441									
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999838		Status:		OK.					
Std Error of Est:		0.000030									
Predicted MDL:		0.004429									
Predicted MQL:		0.014765									
Std. Name		Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR		Std Dev		Emphasis	
S0		.00000	.00000	.000	.000	-.00016		.000		1	
S1		.05000	.05069	.001	1.38	.00302		.000		1	
S2		.62500	.65301	.028	4.48	.04078		.000		1	
S3		1.2500	1.2849	.035	2.79	.08040		.000		1	
S4		2.5000	2.5012	.001	.047	.15667		.001		1	
S5		5.0000	4.9352	-.065	-1.30	.30930		.002		1	



Zn 213.856 {158}

Date of Fit: 6/5/2017 16:48:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000479

Re-Slope: 1.000000

A1 (Gain): 0.018789

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999802

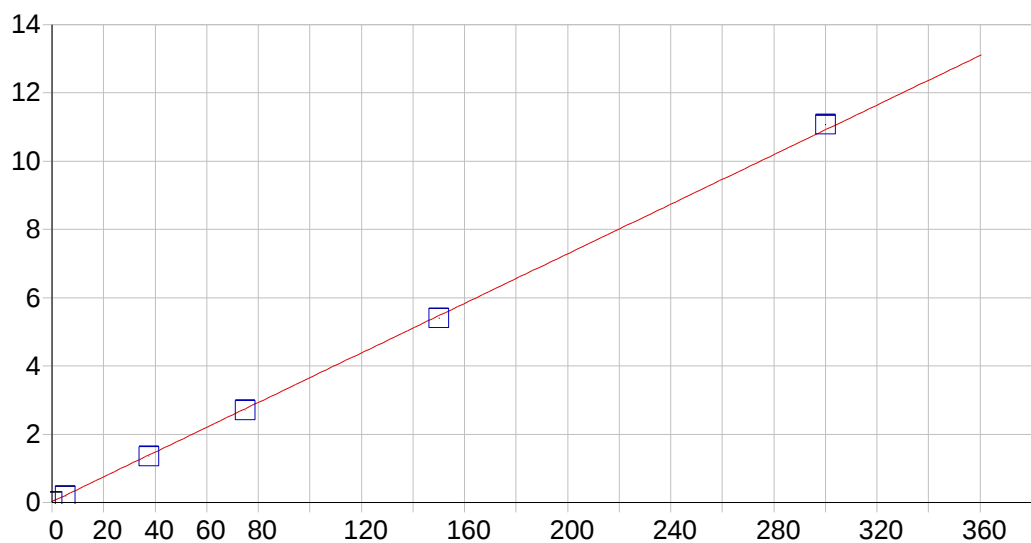
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.021710

Predicted MQL: 0.072368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.06000	.06827	.008	13.8	.00081	.000	1
S2	3.7500	3.6425	-.107	-2.87	.06813	.001	1
S3	7.5000	7.2680	-.232	-3.09	.13641	.001	1
S4	15.000	14.817	-.183	-1.22	.27860	.002	1
S5	30.000	30.514	.514	1.71	.57419	.006	1

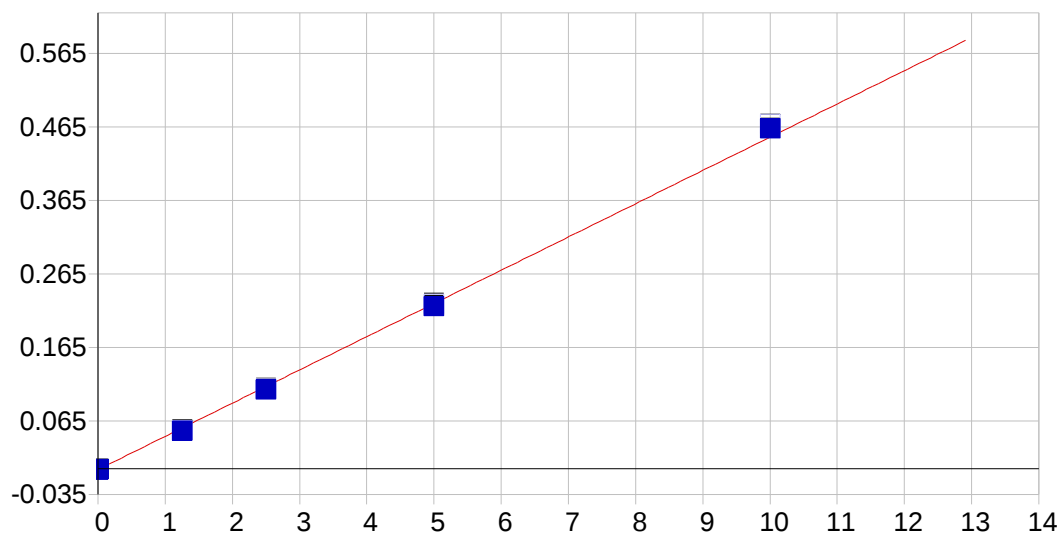


K 769.896 { 44}

Date of Fit: 6/5/2017 16:48:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024983 Re-Slope: 1.000000
 A1 (Gain): 0.036314 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.001119
 Predicted MDL: 0.040029
 Predicted MQL: 0.133429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	.02500	.001	1
S1	5.0000	4.7987	-.201	-4.03	.19924	.002	1
S2	37.500	36.706	-.794	-2.12	1.3579	.004	1
S3	75.000	73.866	-1.13	-1.51	2.7074	.012	1
S4	150.00	147.98	-2.02	-1.35	5.3986	.003	1
S5	300.00	304.15	4.15	1.38	11.070	.014	1



P 177.495 {490}

Date of Fit: 6/5/2017 16:48:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001100

Re-Slope: 1.000000

A1 (Gain): 0.045197

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999551

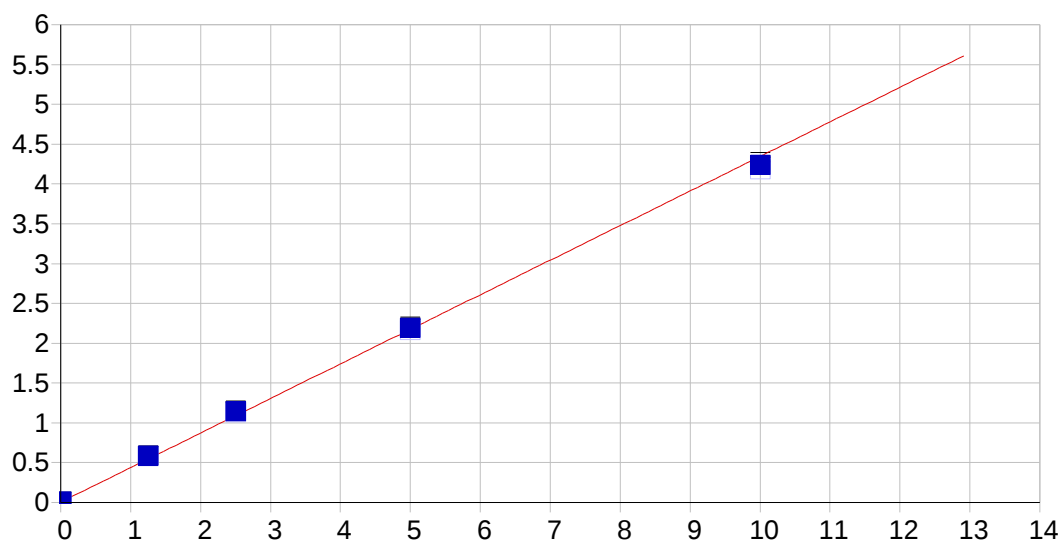
Status: OK.

Std Error of Est: 0.000023

Predicted MDL: 0.002134

Predicted MQL: 0.007114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00110	.000	1
S1	.01000	.01175	.002	17.5	-.00056	.000	1
S2	1.2500	1.1719	-.078	-6.25	.05260	.000	1
S3	2.5000	2.4079	-.092	-3.68	.10919	.000	1
S4	5.0000	4.9052	-.095	-1.90	.22352	.002	1
S5	10.000	10.263	.263	2.63	.46861	.000	1

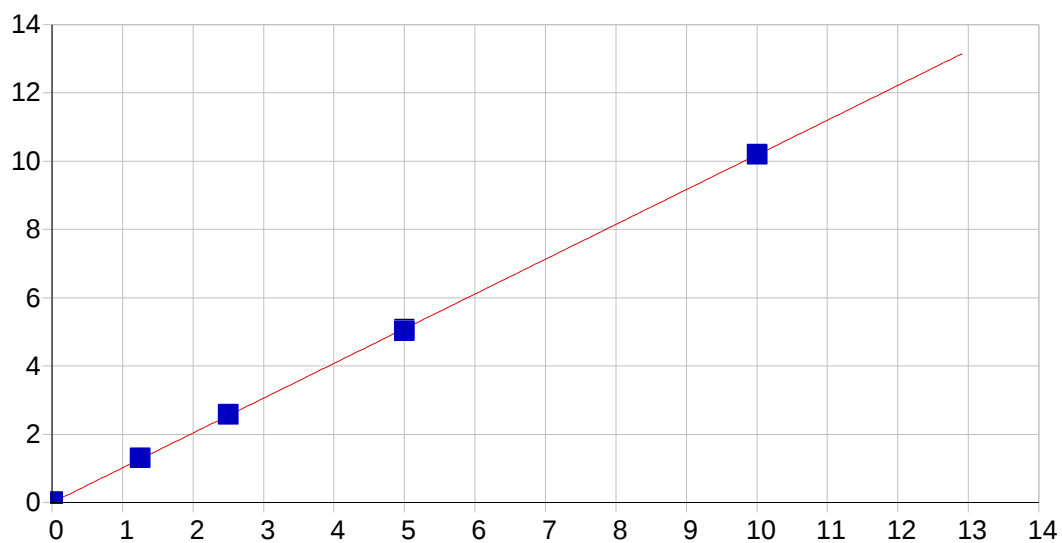


B 249.678 {135}

Date of Fit: 6/5/2017 16:48:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004299 Re-Slope: 1.000000
 A1 (Gain): 0.434088 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.000232
 Predicted MDL: 0.000998
 Predicted MQL: 0.003325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00430	.000	1
S1	.01000	.00748	-.003	-25.2	.00756	.000	1
S2	1.2500	1.3312	.081	6.50	.57537	.003	1
S3	2.5000	2.6317	.132	5.27	1.1331	.003	1
S4	5.0000	5.0340	.034	.679	2.1623	.013	1
S5	10.000	9.7557	-.244	-2.44	4.1847	.033	1



Mo 202.030 {467}

Date of Fit: 6/5/2017 16:48:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000396

Re-Slope: 1.000000

A1 (Gain): 1.018407

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999943

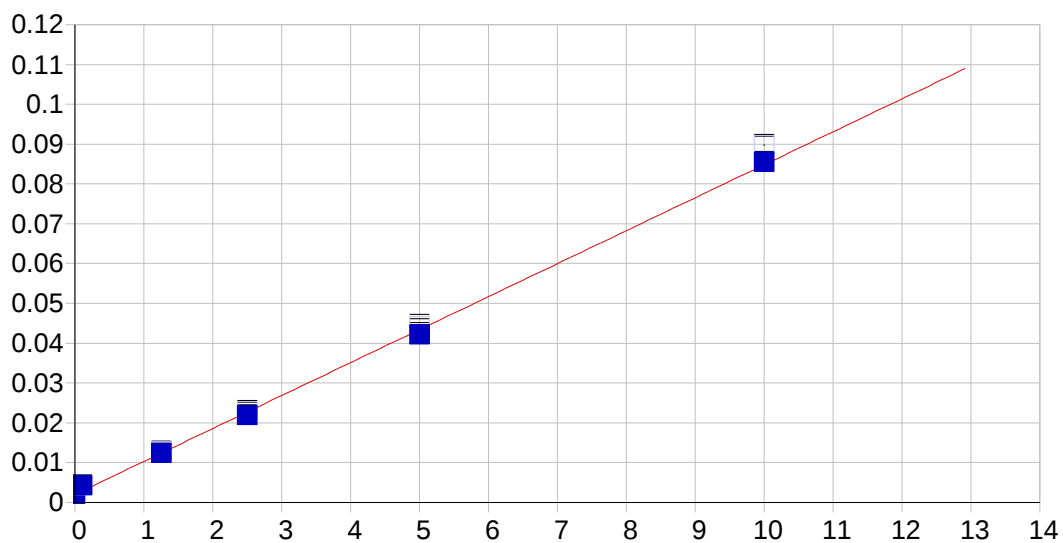
Status: OK.

Std Error of Est: 0.000182

Predicted MDL: 0.000254

Predicted MQL: 0.000846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.01000	.01070	.001	6.98	.01131	.000	1
S2	1.2500	1.2854	.035	2.83	1.3106	.006	1
S3	2.5000	2.5239	.024	.958	2.5731	.009	1
S4	5.0000	4.9346	-.065	-1.31	5.0304	.043	1
S5	10.000	10.005	.005	.054	10.199	.008	1

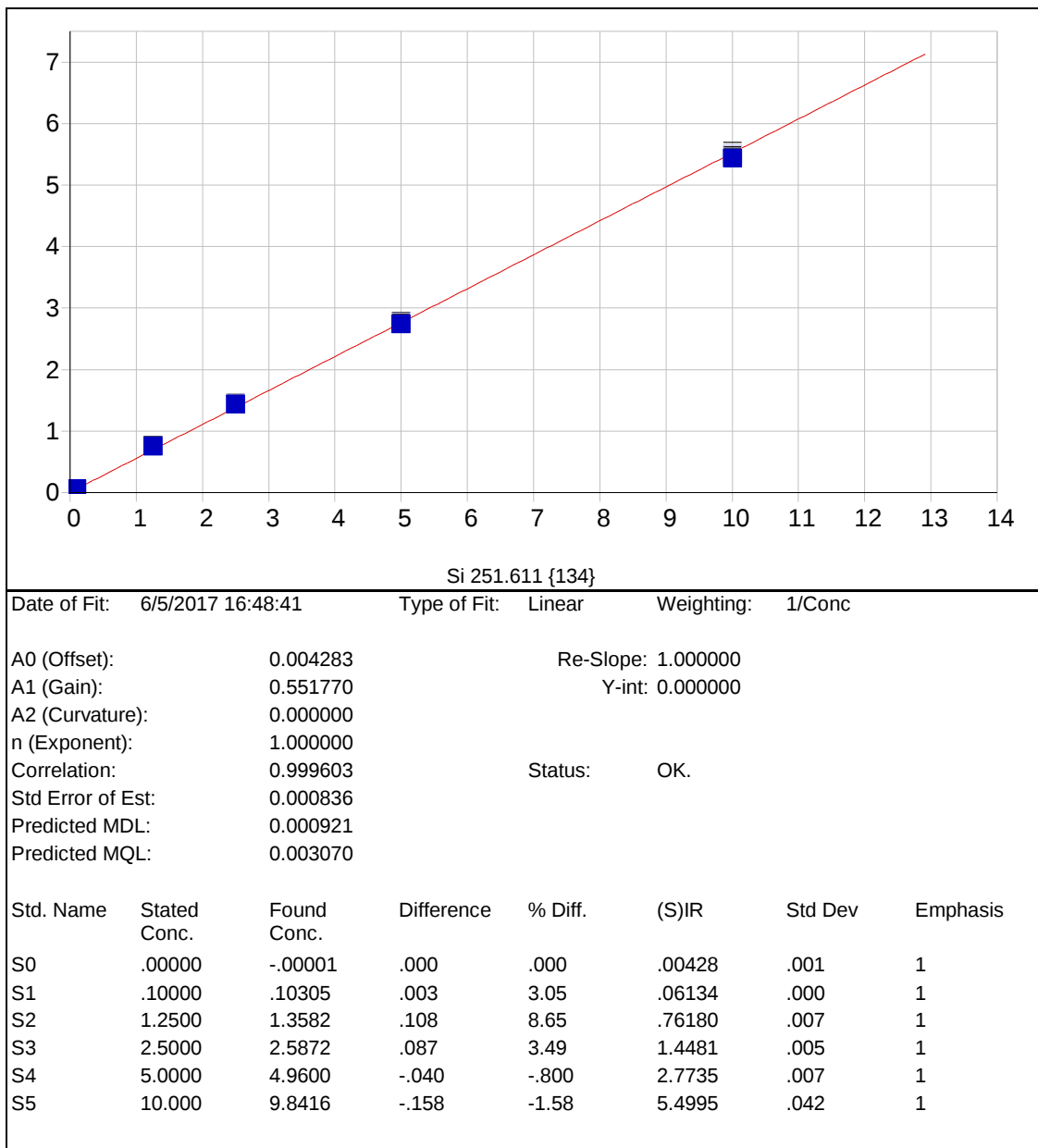


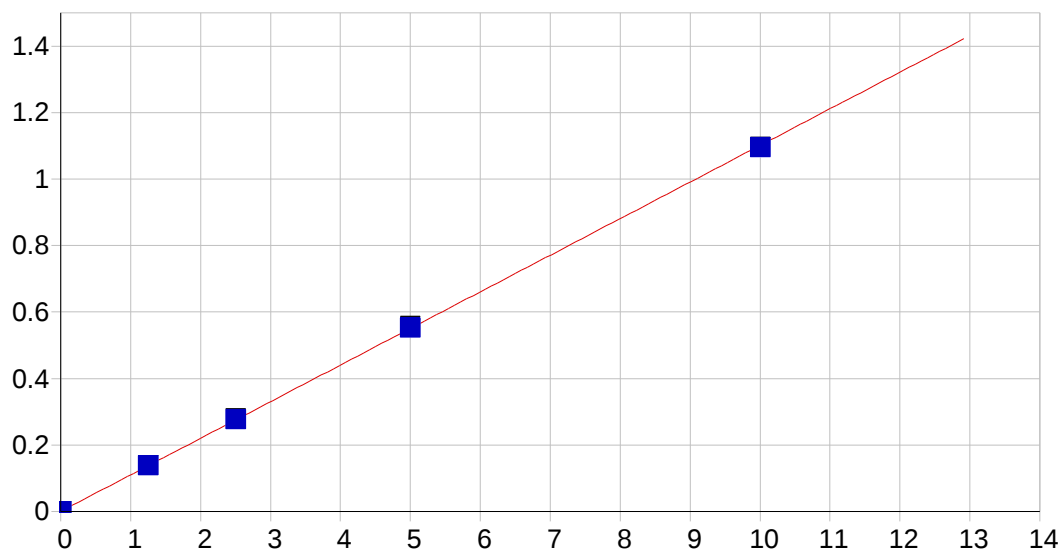
S 182.034 {485}

Date of Fit: 6/5/2017 16:48:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002022 Re-Slope: 1.000000
 A1 (Gain): 0.008280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.992225 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.011794
 Predicted MQL: 0.039313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	.000	.000	.00202	.000	1
S1	.10000	.27813	.178	178.	.00433	.000	1
S2	1.2500	1.2477	-.002	-.180	.01288	.000	1
S3	2.5000	2.3953	-.105	-4.19	.02291	.000	1
S4	5.0000	4.8489	-.151	-3.02	.04427	.001	1
S5	10.000	10.088	.088	.881	.08976	.000	1





Sn 189.989 {478}

Date of Fit: 6/5/2017 16:48:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000055

Re-Slope: 1.000000

A1 (Gain): 0.110115

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

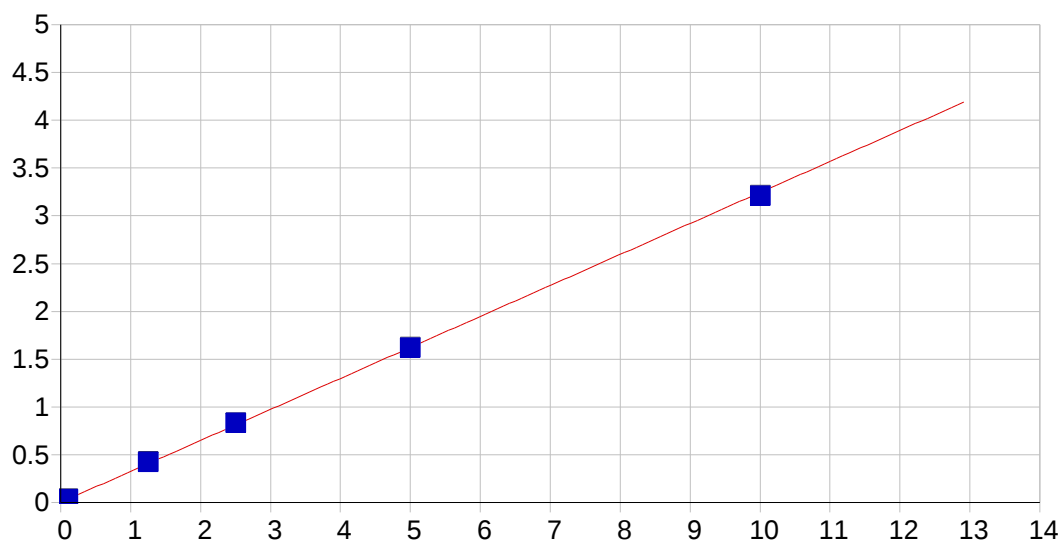
Status: OK.

Std Error of Est: 0.000009

Predicted MDL: 0.000888

Predicted MQL: 0.002960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00700	.00663	.000	-5.31	.00077	.000	1
S2	1.2500	1.2604	.010	.830	.13873	.001	1
S3	2.5000	2.5214	.021	.856	.27748	.001	1
S4	5.0000	5.0184	.018	.369	.55223	.004	1
S5	10.000	9.9502	-.050	-.498	1.0949	.000	1



Ti 336.121 {100}

Date of Fit: 6/5/2017 16:48:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001101

Re-Slope: 1.000000

A1 (Gain): 0.324316

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999877

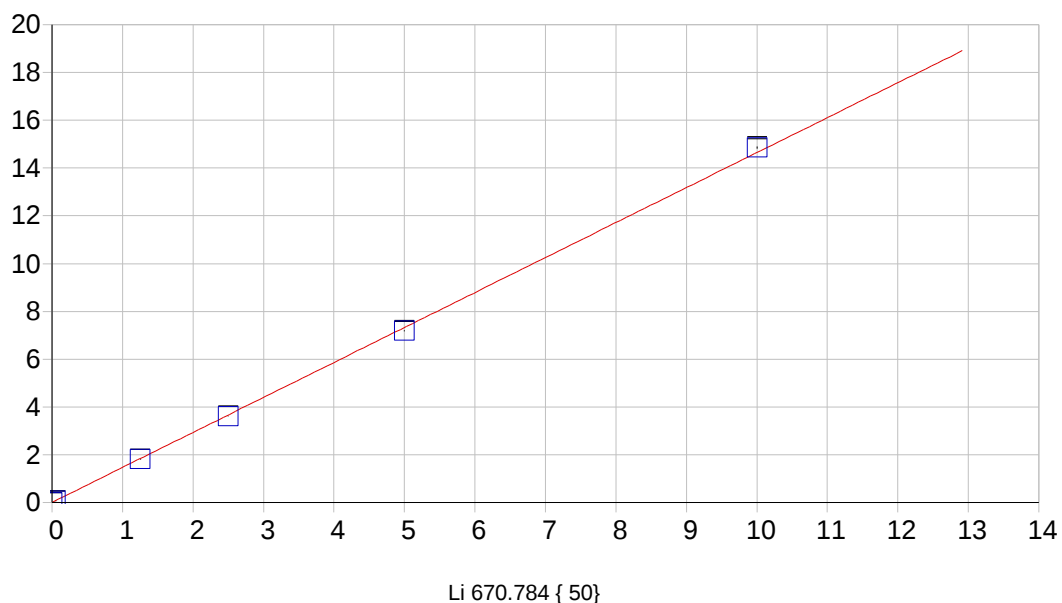
Status: OK.

Std Error of Est: 0.000270

Predicted MDL: 0.001252

Predicted MQL: 0.004172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00110	.000	1
S1	.10000	.10517	.005	5.17	.03520	.000	1
S2	1.2500	1.2980	.048	3.84	.42192	.002	1
S3	2.5000	2.5601	.060	2.41	.83112	.002	1
S4	5.0000	4.9888	-.011	-.225	1.6185	.003	1
S5	10.000	9.8979	-.102	-1.02	3.2101	.005	1



Date of Fit: 6/5/2017 16:48:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005973

Re-Slope: 1.000000

A1 (Gain): 1.463871

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999874

Status: OK.

Std Error of Est: 0.000874

Predicted MDL: 0.000990

Predicted MQL: 0.003299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00598	.001	1
S5	10.000	10.146	.146	1.46	14.859	.037	1
S4	5.0000	4.9105	-.089	-1.79	7.1944	.023	1
S3	2.5000	2.4652	-.035	-1.39	3.6147	.020	1
S2	1.2500	1.2318	-.018	-1.45	1.8092	.005	1
S1	.05000	.04634	-.004	-7.32	.07381	.000	1



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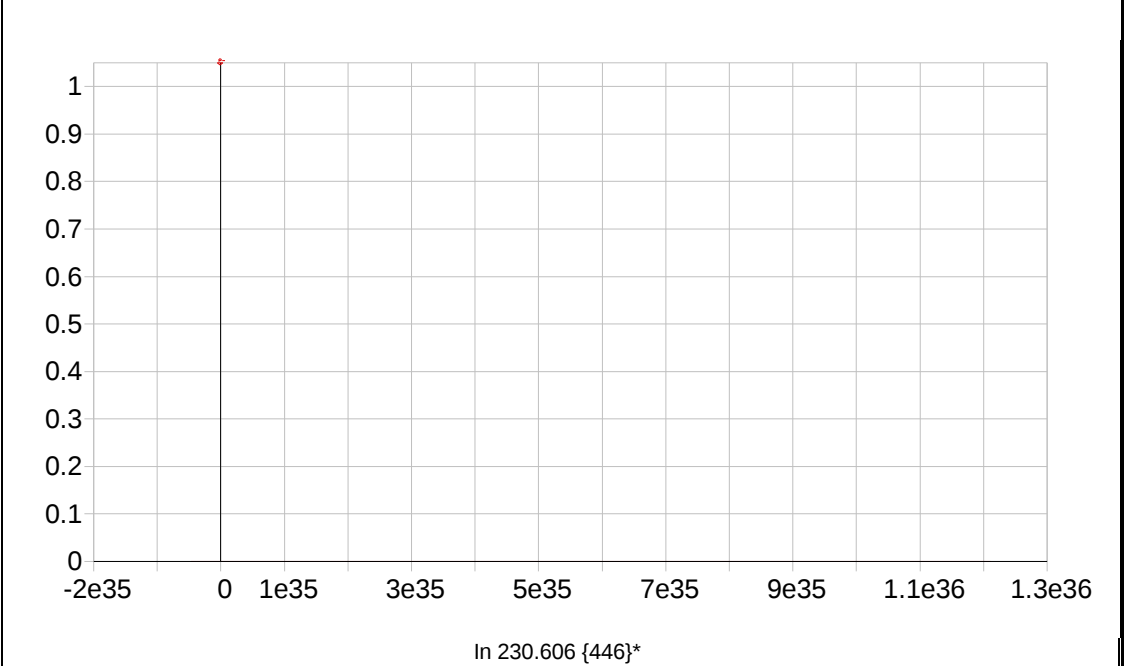




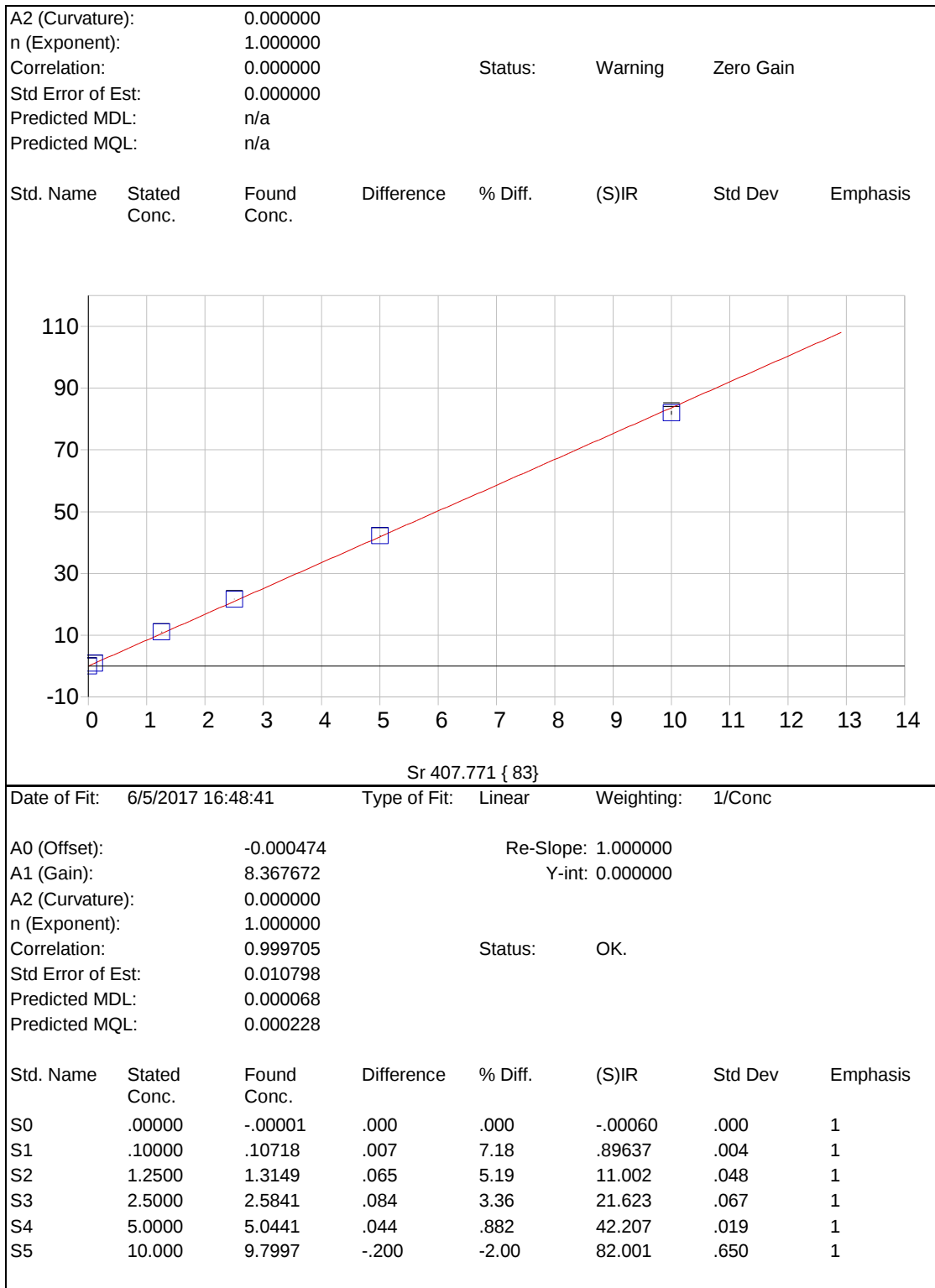


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 6/5/2017 16:24:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	-.00028	-.00012	.00010	.00013	.00012	.00059	-.07191	-.00196
Stddev	.00005	.00005	.00029	.00011	.00027	.00068	.00113	.00032
%RSD	16.362	45.204	277.99	89.044	229.92	115.66	1.5732	16.437

#1	-.00024	-.00018	.00038	.00019	.00043	.00130	-.07105	-.00194
#2	-.00028	-.00009	.00013	.00019	.00000	.00054	-.07319	-.00165
#3	-.00033	-.00008	-.00020	.00000	-.00007	-.00007	-.07149	-.00229

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	.00024	.00146	.00005	-.00036	.00075	.00033	-.00011	-.00018
Stddev	.00002	.00029	.00001	.00014	.00036	.00001	.00009	.00026
%RSD	8.9581	19.531	21.616	39.136	48.840	1.9827	82.318	145.84

#1	.00026	.00172	.00006	-.00051	.00065	.00033	-.00017	-.00014
#2	.00023	.00150	.00005	-.00033	.00044	.00033	-.00001	.00006
#3	.00022	.00116	.00004	-.00023	.00115	.00034	-.00015	-.00045

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	-.00051	-.00045	-.00547	-.00016	-.00048	.02500	-.00110	.00430
Stddev	.00019	.00002	.00058	.00015	.00020	.00134	.00009	.00042
%RSD	37.804	4.6557	10.542	94.866	42.249	5.3687	8.5233	9.6885

#1	-.00067	-.00045	-.00575	.00002	-.00049	.02511	-.00119	.00394
#2	-.00030	-.00047	-.00480	-.00025	-.00068	.02360	-.00101	.00420
#3	-.00057	-.00043	-.00585	-.00024	-.00027	.02628	-.00110	.00476

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	.00040	.00202	.00428	.00005	.00110	.00598	-.00060	
Stddev	.00007	.00006	.00064	.00003	.00005	.00090	.00019	
%RSD	18.791	2.9756	14.896	59.373	4.7228	15.007	31.588	

#1	.00048	.00208	.00438	.00007	.00107	.00498	-.00044	
#2	.00037	.00202	.00359	.00008	.00106	.00672	-.00080	
#3	.00033	.00196	.00486	.00002	.00116	.00623	-.00055	

Sample Name: S0 Acquired: 6/5/2017 16:24:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	1875.1	1968.7	59234.	4973.9	3934.6
Stddev	18.4	6.2	308.	15.3	12.4
%RSD	.97922	.31713	.52057	.30704	.31578
#1	1861.1	1961.7	59133.	4990.9	3920.7
#2	1868.4	1973.5	58989.	4961.3	3938.8
#3	1895.9	1971.0	59580.	4969.5	3944.5

Sample Name: S1 Acquired: 6/5/2017 16:28:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00038	.00190	.00145	.00274	.01444	.01663	.66917	.03299
Stddev	.00010	.00002	.00007	.00005	.00018	.00013	.00420	.00045
%RSD	25.148	1.1622	4.5840	1.8946	1.2236	.75296	.62774	1.3515

#1	.00048	.00188	.00138	.00278	.01436	.01655	.67037	.03350
#2	.00039	.00192	.00150	.00268	.01432	.01678	.67264	.03267
#3	.00029	.00191	.00148	.00275	.01465	.01658	.66450	.03281

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	.00832	.19827	.00131	.02979	.00505	.00133	.00261	.02681
Stddev	.00010	.00082	.00004	.00024	.00035	.00036	.00011	.00037
%RSD	1.2232	.41107	3.1537	.81264	7.0327	27.165	4.1630	1.3615

#1	.00821	.19916	.00130	.02997	.00533	.00129	.00272	.02641
#2	.00833	.19811	.00127	.02952	.00516	.00170	.00251	.02713
#3	.00841	.19755	.00135	.02989	.00465	.00099	.00259	.02688

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	.02237	.00134	.02986	.00302	.00081	.19924	-.00056	.00756
Stddev	.00016	.00003	.00079	.00009	.00038	.00152	.00014	.00009
%RSD	.71879	2.2688	2.6310	2.9140	47.343	.76467	24.330	1.2234

#1	.02219	.00137	.03074	.00312	.00075	.20001	-.00042	.00746
#2	.02249	.00131	.02964	.00297	.00046	.19749	-.00056	.00763
#3	.02242	.00132	.02922	.00296	.00122	.20023	-.00070	.00759

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	.01131	.00433	.06134	.00077	.03520	.07381	.89637	
Stddev	.00016	.00004	.00017	.00002	.00016	.00042	.00447	
%RSD	1.4276	.97311	.27023	2.1830	.46256	.56939	.49858	

#1	.01150	.00437	.06138	.00077	.03534	.07423	.90021	
#2	.01123	.00430	.06148	.00079	.03524	.07338	.89744	
#3	.01121	.00430	.06116	.00076	.03502	.07382	.89146	

Sample Name: S1 Acquired: 6/5/2017 16:28:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	1845.0	1942.2	58292.	4941.5	3826.7
Stddev	6.6	8.3	379.	13.7	12.7
%RSD	.35800	.42575	.64992	.27768	.33160
#1	1840.3	1934.0	58140.	4925.7	3815.5
#2	1852.5	1942.1	58723.	4950.5	3824.1
#3	1842.1	1950.5	58012.	4948.4	3840.5

Sample Name: S2 Acquired: 6/5/2017 16:33:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.08015	.10029	.90449	.09138	.29987	3.1156	9.1974	.82235
Stddev	.00090	.00057	.00139	.00058	.00103	.0036	.0247	.00181
%RSD	1.1182	.56577	.15401	.63590	.34389	.11537	.26903	.21955

#1	.08072	.10089	.90585	.09205	.30074	3.1149	9.2200	.82143
#2	.07912	.09977	.90306	.09106	.29873	3.1195	9.2014	.82118
#3	.08063	.10020	.90455	.09103	.30014	3.1124	9.1710	.82443

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	1.0100	2.4394	.47718	.38924	.60153	.45572	.67747	.33522
Stddev	.0016	.0060	.00352	.00004	.00332	.00217	.00194	.00030
%RSD	.15907	.24509	.73745	.00926	.55236	.47563	.28635	.08997

#1	1.0098	2.4442	.47557	.38920	.60514	.45806	.67945	.33487
#2	1.0086	2.4327	.47475	.38926	.60084	.45377	.67739	.33536
#3	1.0117	2.4413	.48121	.38926	.59860	.45533	.67558	.33543

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	.36358	.05148	.25252	.04078	.06813	1.3579	.05260	.57537
Stddev	.00184	.00056	.00095	.00025	.00089	.0037	.00024	.00256
%RSD	.50682	1.0795	.37664	.60120	1.2996	.26866	.44712	.44556

#1	.36545	.05157	.25361	.04067	.06721	1.3621	.05277	.57578
#2	.36177	.05089	.25187	.04060	.06820	1.3564	.05233	.57262
#3	.36352	.05199	.25209	.04106	.06898	1.3553	.05270	.57770

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	1.3106	.01288	.76180	.13873	.42192	1.8092	11.002	
Stddev	.0056	.00006	.00656	.00059	.00173	.0050	.048	
%RSD	.42706	.50028	.86066	.42709	.41076	.27516	.43985	

#1	1.3139	.01289	.76041	.13908	.41998	1.8148	11.053	
#2	1.3041	.01294	.75604	.13805	.42332	1.8052	10.996	
#3	1.3137	.01281	.76894	.13907	.42246	1.8077	10.957	

Sample Name: S2 Acquired: 6/5/2017 16:33:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	1733.7	1828.8	55120.	4877.7	3311.5
Stddev	15.3	3.4	219.	19.9	8.4
%RSD	.88167	.18687	.39719	.40777	.25513
#1	1727.4	1825.3	55058.	4855.1	3303.6
#2	1751.1	1828.9	55363.	4892.8	3310.3
#3	1722.6	1832.2	54938.	4885.0	3320.4

Sample Name: S3 Acquired: 6/5/2017 16:36:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.16055	.19515	1.7837	.18164	.60001	6.1884	18.379	1.6161
Stddev	.00034	.00064	.0043	.00032	.00203	.0154	.065	.0068
%RSD	.21392	.32900	.23875	.17642	.33831	.24826	.35159	.42028

#1	.16023	.19465	1.7795	.18127	.59767	6.2051	18.439	1.6239
#2	.16052	.19493	1.7836	.18186	.60105	6.1750	18.387	1.6126
#3	.16091	.19588	1.7880	.18178	.60131	6.1850	18.310	1.6117

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	2.0023	4.7755	.91967	.77453	1.1873	.88580	1.3148	.67091
Stddev	.0057	.0121	.00262	.00279	.0021	.00210	.0044	.00157
%RSD	.28598	.25299	.28467	.35965	.17696	.23736	.33163	.23446

#1	1.9978	4.7836	.92242	.77143	1.1892	.88787	1.3189	.67185
#2	2.0003	4.7617	.91938	.77534	1.1875	.88366	1.3102	.66910
#3	2.0087	4.7814	.91721	.77682	1.1851	.88587	1.3153	.67179

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	.72186	.10369	.50492	.08040	.13641	2.7074	.10919	1.1331
Stddev	.00242	.00017	.00318	.00037	.00111	.0123	.00026	.0027
%RSD	.33483	.16167	.63062	.46174	.81636	.45413	.23975	.24227

#1	.71918	.10387	.50853	.08082	.13525	2.7215	.10897	1.1363
#2	.72250	.10355	.50370	.08013	.13747	2.7009	.10948	1.1317
#3	.72388	.10364	.50253	.08024	.13653	2.6996	.10913	1.1313

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.5731	.02291	1.4481	.27748	.83112	3.6147	21.623	
Stddev	.0085	.00021	.0050	.00081	.00198	.0203	.067	
%RSD	.33105	.90370	.34555	.29216	.23781	.56139	.31136	

#1	2.5657	.02268	1.4538	.27664	.83316	3.6355	21.700	
#2	2.5712	.02309	1.4448	.27755	.83098	3.6136	21.583	
#3	2.5824	.02295	1.4455	.27826	.82921	3.5949	21.584	

Sample Name: S3 Acquired: 6/5/2017 16:36:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	1681.7	1754.7	53749.	4811.5	3092.9
Stddev	7.1	.8	134.	18.3	4.4
%RSD	.42208	.04638	.24938	.37971	.14272
#1	1681.8	1754.8	53636.	4790.5	3094.5
#2	1674.6	1755.5	53714.	4820.1	3096.2
#3	1688.8	1753.9	53897.	4823.9	3087.9

Sample Name: S4 Acquired: 6/5/2017 16:40:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.32357	.37127	3.5112	.35975	1.2073	12.340	36.351	3.1415
Stddev	.00256	.00203	.0312	.00371	.0114	.052	.124	.0143
%RSD	.79009	.54743	.88719	1.0307	.94527	.42166	.34118	.45377

#1	.32633	.37206	3.5369	.36303	1.2183	12.387	36.417	3.1251
#2	.32312	.37278	3.5202	.36049	1.2080	12.348	36.427	3.1507
#3	.32127	.36896	3.4766	.35572	1.1955	12.284	36.208	3.1487

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9521	9.3455	1.7694	1.5335	2.3334	1.7056	2.5360	1.3363
Stddev	.0321	.0175	.0052	.0123	.0063	.0024	.0032	.0058
%RSD	.81154	.18725	.29278	.79942	.27022	.14147	.12436	.43461

#1	3.9720	9.3489	1.7752	1.5426	2.3406	1.7079	2.5394	1.3421
#2	3.9692	9.3610	1.7679	1.5384	2.3305	1.7059	2.5356	1.3364
#3	3.9151	9.3265	1.7652	1.5196	2.3291	1.7031	2.5331	1.3305

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	1.4240	.20961	1.0034	.15667	.27860	5.3986	.22352	2.1623
Stddev	.0117	.00056	.0025	.00074	.00198	.0031	.00188	.0133
%RSD	.81835	.26525	.25263	.47067	.70912	.05818	.84143	.61536

#1	1.4347	.20897	1.0046	.15588	.27857	5.3985	.22485	2.1475
#2	1.4257	.20995	1.0050	.15678	.28059	5.4018	.22435	2.1732
#3	1.4116	.20992	1.0004	.15734	.27663	5.3955	.22137	2.1663

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.0304	.04427	2.7735	.55223	1.6185	7.1944	42.207	
Stddev	.0429	.00055	.0067	.00438	.0033	.0233	.019	
%RSD	.85324	1.2412	.24262	.79332	.20188	.32463	.04420	

#1	5.0648	.04476	2.7658	.55531	1.6211	7.2111	42.214	
#2	5.0443	.04439	2.7778	.55416	1.6195	7.2043	42.221	
#3	4.9823	.04368	2.7770	.54721	1.6148	7.1677	42.186	

Sample Name: S4 Acquired: 6/5/2017 16:40:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	1597.1	1662.4	51955.	4769.9	2845.9
Stddev	2.7	12.5	118.	7.8	25.5
%RSD	.16850	.75246	.22680	.16434	.89456
#1	1596.6	1651.6	51819.	4777.9	2825.7
#2	1594.6	1659.4	52023.	4769.6	2837.7
#3	1600.0	1676.1	52023.	4762.3	2874.5

Sample Name: S5 Acquired: 6/5/2017 16:44:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.68786	.71618	6.9805	.75127	2.5716	25.186	71.788	6.3366
Stddev	.00098	.00075	.0104	.00083	.0055	.032	.794	.0425
%RSD	.14231	.10444	.14851	.11042	.21283	.12717	1.1060	.67134

#1	.68840	.71703	6.9760	.75223	2.5761	25.156	71.072	6.3850
#2	.68845	.71562	6.9924	.75076	2.5731	25.220	72.642	6.3194
#3	.68673	.71590	6.9732	.75082	2.5655	25.182	71.651	6.3054

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.7947	18.828	3.3889	3.0622	4.7091	3.3413	4.9638	2.6948
Stddev	.0138	.098	.0024	.0058	.0123	.0114	.0249	.0183
%RSD	.17746	.52045	.07178	.18979	.26162	.34042	.50150	.67997

#1	7.7825	18.910	3.3861	3.0621	4.6962	3.3490	4.9835	2.7080
#2	7.8097	18.855	3.3904	3.0681	4.7102	3.3466	4.9721	2.7024
#3	7.7918	18.720	3.3903	3.0565	4.7207	3.3282	4.9358	2.6739

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7977	.44455	2.0435	.30930	.57419	11.070	.46861	4.1847
Stddev	.0090	.00265	.0022	.00152	.00574	.014	.00029	.0327
%RSD	.32292	.59563	.10870	.49157	.99893	.12372	.06221	.78150

#1	2.7946	.44566	2.0413	.31074	.56760	11.060	.46872	4.2224
#2	2.8078	.44646	2.0458	.30943	.57690	11.086	.46827	4.1682
#3	2.7905	.44152	2.0435	.30771	.57807	11.064	.46882	4.1636

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	10.199	.08976	5.4995	1.0949	3.2101	14.859	82.001	
Stddev	.008	.00018	.0422	.0004	.0051	.037	.650	
%RSD	.07596	.19851	.76709	.03374	.15976	.25024	.79235	

#1	10.208	.08977	5.5483	1.0952	3.2067	14.816	82.660	
#2	10.194	.08957	5.4757	1.0950	3.2160	14.878	81.361	
#3	10.195	.08993	5.4746	1.0944	3.2075	14.882	81.980	

Sample Name: S5 Acquired: 6/5/2017 16:44:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	1455.5	1479.3	49046.	4581.3	2533.8
Stddev	7.0	2.4	218.	18.3	4.6
%RSD	.48398	.16172	.44363	.39973	.18281
#1	1462.1	1477.2	49177.	4561.9	2530.3
#2	1448.1	1478.9	48795.	4583.5	2532.1
#3	1456.2	1481.9	49166.	4598.4	2539.1

Sample Name: S6 Acquired: 6/5/2017 16:48:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	68.364	30.851	8.6520	4.4506	5.6283
Stddev	.070	.021	.0073	.0106	.0081
%RSD	.10209	.06692	.08457	.23792	.14394

#1	68.310	30.831	8.6437	4.4442	5.6289
#2	68.340	30.873	8.6575	4.4628	5.6199
#3	68.443	30.848	8.6548	4.4448	5.6361

Int. Std.	Y_ 3710
Units	Cts/S
Avg	4463.9
Stddev	3.7
%RSD	.08270

#1	4462.4
#2	4461.2
#3	4468.2

Sample Name: ICV Acquired: 6/5/2017 17:02:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.9260782	1.074172	.9488482	.9526099	.9296685	2.317321
Stddev	.0046674	.003591	.0010873	.0041879	.0030549	.004425
%RSD	.5039966	.3342880	.1145900	.4396224	.3286047	.1909588

#1	.9312724	1.075401	.9497773	.9556410	.9329698	2.320813
#2	.9222361	1.070128	.9491149	.9478312	.9269415	2.312345
#3	.9247261	1.076988	.9476523	.9543574	.9290941	2.318807

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4921515	.4877991	.4603396	9.937337	.5154469	.4638497
Stddev	.0020672	.0034965	.0006764	.038628	.0020405	.0006604
%RSD	.4200275	.7167871	.1469446	.3887164	.3958621	.1423768

#1	.4902351	.4861819	.4609898	9.915903	.5160454	.4635236
#2	.4918773	.4854039	.4603895	9.914178	.5171211	.4646097
#3	.4943421	.4918114	.4596397	9.981929	.5131741	.4634158

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5002527	5.293160	.5261223	5.590333	.4764345	.4634525
Stddev	.0027091	.068399	.0055174	.062509	.0008750	.0012035
%RSD	.5415381	1.292223	1.048698	1.118165	.1836565	.2596805

#1	.5033556	5.323405	.5312075	5.521970	.4765683	.4638904
#2	.4990449	5.214852	.5202559	5.604458	.4772348	.4643758
#3	.4983576	5.341223	.5269034	5.644571	.4755002	.4620914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.553192	.5230895	.9337601	9.182803	F -.009463	F -.013067
Stddev	.284486	.0044710	.0384218	.078392	.000869	.000516
%RSD	2.977913	.8547360	4.114739	.8536781	9.185059	3.948421

#1	9.850053	.5187986	.8896315	9.205713	-.010053	-.013235
#2	9.282954	.5277212	.9518575	9.095508	-.008465	-.012488
#3	9.526568	.5227486	.9597912	9.247187	-.009871	-.013478

Sample Name: ICV Acquired: 6/5/2017 17:02:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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 -.000713	-.072360	.0020119	F -.000116	-.000161	.0001582
Stddev	.000188	.005578	.0000943	.000359	.000608	.0002986
%RSD	26.31525	7.708036	4.686913	310.3858	376.6991	188.7943

#1	-.000823	-.070249	.0019617	-.000405	.000447	.0002338
#2	-.000497	-.068146	.0021207	.000286	-.000769	-.000171
#3	-.000821	-.078685	.0019534	-.000229	-.000163	.000412

Elem	Sr4077
Units	ppm
Avg	.0115551
Stddev	.0000942
%RSD	.8150870

#1	.0115130
#2	.0114893
#3	.0116630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.727	1913.555	57729.58	4932.292	3745.290
Stddev	3.261	7.667	130.91	27.188	15.249
%RSD	.1794837	.4006560	.2267686	.5512307	.4071583

#1	1816.550	1905.069	57616.00	4932.050	3727.686
#2	1820.073	1919.982	57699.98	4959.600	3753.722
#3	1813.559	1915.614	57872.76	4905.225	3754.461

Sample Name: ICB Acquired: 6/5/2017 17:06:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	-.000464	.0000399	-.001010	.0017457	-.000019	-.003445	-.002410
Stddev	.000776	.0013984	.000714	.0011943	.000753	.006596	.000039
%RSD	167.3587	3507.287	70.74261	68.41380	3962.291	191.4641	1.626627

#1	.000227	-.001575	-.001169	.0016860	.000152	.003125	-.002432
#2	-.001304	.000850	-.000229	.0029687	.000634	-.010066	-.002364
#3	-.000314	.000844	-.001631	.0005823	-.000843	-.003394	-.002433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	-.000017	.0010192	-.000533	.0001840	-.000039	-.012382
Stddev	.0000748	.000045	.0083520	.000188	.0000873	.001368	.005380
%RSD	201.0020	260.4845	819.4665	35.22011	47.42508	3473.336	43.44756

#1	.0001198	.000031	-.003820	-.000348	.0002259	-.000744	-.017786
#2	-.000026	-.000024	.010663	-.000724	.0000837	-.000911	-.012333
#3	.000018	-.000059	-.003786	-.000528	.0002424	.001537	-.007027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001284	.0186448	-.000210	.0001787	.1329686	-.004235	.0009243
Stddev	.0006132	.0139177	.000198	.0000688	.0776372	.004417	.0149959
%RSD	477.5455	74.64627	94.45627	38.47658	58.38767	104.2949	1622.374

#1	.0000176	.0040935	-.000438	.0001071	.2119494	-.003785	-.016374
#2	-.000422	.0200131	-.000081	.0002442	.0567486	-.008861	.010252
#3	.000790	.0318278	-.000110	.0001848	.1302076	-.000060	.008894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021768	-.000438	-.001607	-.000240	-.078405	-.001397	.0007956
Stddev	.028690	.000750	.000563	.000278	.002756	.000415	.0004288
%RSD	131.7996	171.3598	35.04259	115.9127	3.515219	29.71884	53.89478

#1	.006195	-.001301	-.001697	.000015	-.081092	-.001133	.0012325
#2	-.020366	.000044	-.002120	-.000198	-.075584	-.001182	.0003755
#3	-.051133	-.000055	-.001004	-.000536	-.078539	-.001875	.0007786

Sample Name: ICB Acquired: 6/5/2017 17:06:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.0007761	-.000592	-.000096
Stddev	.0011124	.000741	.000024
%RSD	143.3297	125.0873	25.35615

#1	.0018829	-.001270	-.000087
#2	.0007873	-.000706	-.000123
#3	-.000342	.000199	-.000077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.344	1951.756	58954.55	4953.733	3961.036
Stddev	10.311	1.688	198.03	4.795	12.291
%RSD	.5566440	.0864990	.3358947	.0968050	.3102896

#1	1845.985	1949.807	58765.98	4951.900	3946.845
#2	1846.807	1952.712	58936.81	4959.175	3968.028
#3	1864.241	1952.750	59160.84	4950.125	3968.236

Sample Name: ICSA Acquired: 6/5/2017 17:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	-.002833	-.013050	-.008005	-.027647	.0007147	244.2633
Stddev	.004933	.002034	.003254	.003099	.0016597	.7846
%RSD	174.1079	15.58426	40.65067	11.20794	232.2184	.3211906

#1	.002412	-.011665	-.011565	-.024093	-.001066	244.1416
#2	-.003533	-.012100	-.005185	-.029066	.002218	243.5466
#3	-.007380	-.015385	-.007265	-.029782	.000992	245.1015

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020168	.0009515	.0022532	252.8203	.0474861	.0019001
Stddev	.0008126	.0000544	.0001811	1.5129	.0003463	.0002187
%RSD	40.29183	5.716180	8.036378	.5984006	.7293538	11.50968

#1	.0012338	.0009696	.0021624	252.0455	.0471562	.0019145
#2	.0028560	.0008904	.0024618	251.8516	.0474553	.0016746
#3	.0019606	.0009945	.0021356	254.5636	.0478469	.0021113

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216059	105.8235	.0129896	257.5353	.0006902	-.004931
Stddev	.0019356	.4669	.0006296	1.0447	.0007006	.000158
%RSD	8.958512	.4412363	4.847130	.4056378	101.5070	3.210926

#1	.0207434	105.8670	.0133251	256.7889	.0000118	-.004880
#2	.0202515	105.3363	.0133804	257.0878	.0014111	-.004805
#3	.0238228	106.2671	.0122633	258.7292	.0006477	-.005109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4407763	-.003994	.0194976	-.107336	-.010797	F -.271576
Stddev	.0547554	.001441	.0138613	.044971	.001868	.003263
%RSD	12.42249	36.08421	71.09222	41.89754	17.29798	1.201597

#1	.3998990	-.005654	.0196174	-.077370	-.011900	-.274950
#2	.5029874	-.003072	.0055768	-.085592	-.008641	-.268436
#3	.4194425	-.003255	.0332986	-.159047	-.011851	-.271342

Sample Name: ICSA Acquired: 6/5/2017 17:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.0003284	-.025538	-.003861	-.003058	-.000494	.0050432
Stddev	.0002154	.018027	.001762	.001534	.000099	.0000822
%RSD	65.60735	70.58698	45.64574	50.16635	20.08490	1.630297

#1	.0005057	-.033814	-.005882	-.004818	-.000380	.0049489
#2	.0003908	-.004860	-.003055	-.002352	-.000563	.0050810
#3	.0000886	-.037941	-.002645	-.002004	-.000539	.0050998

Elem	Sr4077
Units	ppm
Avg	.1030415
Stddev	.0004438
%RSD	.4307189

#1	.1033366
#2	.1025311
#3	.1032567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.984	1753.707	53011.38	4741.266	3026.786
Stddev	21.172	5.974	457.45	11.436	7.727
%RSD	1.270835	.3406339	.8629354	.2411958	.2553009

#1	1651.169	1747.527	52739.79	4731.179	3017.944
#2	1690.233	1759.451	53539.53	4753.690	3032.241
#3	1656.549	1754.142	52754.82	4738.931	3030.174

Sample Name: ICSAB Acquired: 6/5/2017 17:14:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) 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	.0933239	.1039123	.0444595	.0267561	.5794096	246.4539
Stddev	.0054529	.0017585	.0022512	.0068449	.0029555	1.1632
%RSD	5.842988	1.692254	5.063491	25.58249	.5100889	.4719845

#1	.0922882	.1019233	.0451326	.0240556	.5811624	246.8839
#2	.0884631	.1045528	.0419485	.0216734	.5759973	247.3410
#3	.0992203	.1052606	.0462973	.0345393	.5810691	245.1369

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5158894	.5105380	1.004099	252.9416	.5689916	.5052599
Stddev	.0025909	.0024818	.001116	.6369	.0027579	.0001095
%RSD	.5022191	.4861098	.1111670	.2518089	.4847003	.0216803

#1	.5174833	.5084602	1.003141	252.9138	.5667749	.5053546
#2	.5172849	.5132861	1.003830	253.5920	.5720801	.5051400
#3	.5128999	.5098678	1.005325	252.3190	.5681200	.5052851

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5424529	105.9755	.5512343	258.6585	1.007409	.1984076
Stddev	.0010966	.2283	.0014680	.4046	.001662	.0016113
%RSD	.2021632	.2154097	.2663049	.1564352	.1649964	.8121352

#1	.5424701	106.0547	.5528438	258.4613	1.009152	.2000142
#2	.5435409	106.1537	.5508900	259.1240	1.005841	.1984171
#3	.5413478	105.7182	.5499691	258.3903	1.007235	.1967916

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4514088	.5143692	1.045069	-.173272	-.018393	F .6370830
Stddev	.0760696	.0076749	.043317	.053792	.005217	.0024652
%RSD	16.85160	1.492104	4.144901	31.04468	28.36134	.3869471

#1	.5342655	.5064808	1.039540	-.214104	-.024409	.6387240
#2	.4352325	.5218112	1.004782	-.112321	-.015651	.6382767
#3	.3847285	.5148155	1.090885	-.193391	-.015121	.6342482

Sample Name: ICSAB Acquired: 6/5/2017 17:14:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .8110073	.3234993	.7924460	F .8186961	.8369418	.1000354
Stddev	.0022597	.0232642	.0010118	.0010849	.0040671	.0008523
%RSD	.2786242	7.191417	.1276782	.1325192	.4859516	.8520424
#1	.8131014	.3502900	.7932647	.8191028	.8412781	.1008248
#2	.8086122	.3083962	.7927585	.8195189	.8363354	.1001497
#3	.8113081	.3118117	.7913149	.8174666	.8332120	.0991317

Elem	Sr4077
Units	ppm
Avg	.9040628
Stddev	.0050806
%RSD	.5619699
#1	.9061716
#2	.9077494
#3	.8982674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.544	1741.194	52687.93	4753.685	3006.580
Stddev	15.479	10.226	263.52	12.930	9.893
%RSD	.9389427	.5873145	.5001433	.2720062	.3290417
#1	1631.524	1729.926	52414.69	4738.755	2995.720
#2	1661.779	1749.884	52708.61	4761.139	3015.078
#3	1652.329	1743.773	52940.51	4761.162	3008.941

Sample Name: CCV051 Acquired: 6/5/2017 17:20:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892618	4.787008	24.16021	4.794227	4.920165	383.8382
Stddev	.023552	.012919	.02582	.011850	.008222	.8093
%RSD	.4813870	.2698668	.1068656	.2471701	.1671068	.2108311

#1	4.914483	4.792916	24.14880	4.806196	4.927489	383.3682
#2	4.867680	4.772192	24.14206	4.782500	4.921733	384.7727
#3	4.895692	4.795916	24.18977	4.793985	4.911271	383.3738

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07831	.5006562	2.470931	398.2835	15.14539	2.477989
Stddev	.02430	.0037312	.007094	2.4632	.04820	.003222
%RSD	.2410768	.7452601	.2870890	.6184604	.3182609	.1300217

#1	10.10291	.4993229	2.464923	396.2885	15.15960	2.474310
#2	10.07769	.5048708	2.469113	401.0367	15.09168	2.479348
#3	10.05433	.4977748	2.478757	397.5254	15.18488	2.480309

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12166	392.6404	14.76397	396.9867	2.462976	1.269374
Stddev	.03123	1.6334	.06514	1.7869	.003707	.003928
%RSD	.2065535	.4160136	.4411875	.4501259	.1505272	.3094146

#1	15.09314	391.0015	14.70497	395.0507	2.461915	1.268732
#2	15.15504	394.2684	14.83387	398.5729	2.459914	1.265806
#3	15.11679	392.6513	14.75307	397.3363	2.467098	1.273583

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	386.5849	2.458131	15.39651	153.6944	5.051751	F 4.245909
Stddev	.4007	.006872	.14003	.1663	.009851	.022785
%RSD	.1036554	.2795598	.9095079	.1081829	.1950071	.5366420

#1	386.7188	2.453198	15.29412	153.6497	5.062141	4.236384
#2	386.9015	2.465980	15.55609	153.8785	5.050567	4.271912
#3	386.1344	2.455216	15.33934	153.5551	5.042546	4.229433

Sample Name: CCV051 Acquired: 6/5/2017 17:20:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845772	4.964229	4.938316	4.915468	4.949211	5.092080
Stddev	.006529	.020969	.031551	.001688	.018047	.007153
%RSD	.1347426	.4224098	.6389110	.0343424	.3646342	.1404633

#1	4.852237	4.988391	4.907639	4.917104	4.935060	5.100171
#2	4.839180	4.953519	4.970675	4.913732	4.969534	5.086601
#3	4.845899	4.950778	4.936634	4.915568	4.943039	5.089467

Elem	Sr4077
Units	ppm
Avg	5.064309
Stddev	.008517
%RSD	.1681863

#1	5.058945
#2	5.074131
#3	5.059852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.876	1563.534	49292.63	4575.323	2603.888
Stddev	8.378	6.427	101.14	28.651	8.565
%RSD	.5597224	.4110716	.2051769	.6261967	.3289206

#1	1502.938	1556.696	49300.22	4595.317	2595.353
#2	1487.315	1569.451	49389.76	4542.500	2612.482
#3	1500.374	1564.456	49187.91	4588.153	2603.830

Sample Name: CCB051 Acquired: 6/5/2017 17:24:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012072	.0011699	.0005220	.0005865	-.000480	.0160367	-.001986
Stddev	.0003327	.0004590	.0003467	.0013601	.001278	.0039570	.000857
%RSD	27.55915	39.23522	66.40865	231.8897	266.2160	24.67478	43.15398

#1	.0013367	.0016334	.0009073	.0013500	-.001745	.0199041	-.002976
#2	.0014556	.0007154	.0004235	.0013933	.000810	.0119958	-.001478
#3	.0008292	.0011610	.0002353	-.000984	-.000505	.0162104	-.001505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0000011	.0123617	.0003869	.0001788	.0011071	-.006295
Stddev	.000058	.0000911	.0105404	.0002790	.0001076	.0005595	.004621
%RSD	592.5232	8037.556	85.26588	72.11085	60.20321	50.53580	73.40895

#1	-.000015	.0000942	.0121717	.0004286	.0002598	.0017155	-.001302
#2	-.000065	-.000003	.0019177	.0006427	.0002199	.0006149	-.010422
#3	.000051	-.000088	.0229958	.0000894	.0000567	.0009908	-.007160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003298	-.018940	-.000052	.0000534	.1371199	-.003002	.0096568
Stddev	.0012017	.023556	.000121	.0001159	.0686429	.002956	.0117184
%RSD	364.4279	124.3697	231.3431	216.8558	50.06051	98.48678	121.3484

#1	-.000579	-.046137	-.000010	.0000207	.0807683	-.005007	-.003772
#2	-.000124	-.005688	.000042	-.000043	.2135681	.000393	.014935
#3	.001692	-.004996	-.000189	.000182	.1170233	-.004392	.017808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004283	-.000358	.0042872	.0001270	-.093388	-.000465	-.000420
Stddev	.011719	.000817	.0007538	.0001635	.013754	.000158	.000353
%RSD	273.6335	228.6506	17.58266	128.8325	14.72841	34.06611	84.00224

#1	-.005692	-.000965	.0048433	.0001667	-.107162	-.000283	-.000309
#2	-.015233	.000572	.0045890	-.000053	-.079653	-.000573	-.000816
#3	.008077	-.000679	.0034292	.000267	-.093347	-.000540	-.000136

Sample Name: CCB051 Acquired: 6/5/2017 17:24:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010627	-.000303	.0000538
Stddev	.0012204	.000425	.0000089
%RSD	114.8365	139.9404	16.58758

#1	.0014961	-.000031	.0000439
#2	-.000315	-.000793	.0000612
#3	.002007	-.000086	.0000563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.585	1950.030	58621.05	4881.842	3967.558
Stddev	3.988	11.647	39.26	42.141	19.324
%RSD	.2157552	.5972962	.0669716	.8632151	.4870590

#1	1843.999	1938.222	58660.88	4839.400	3948.415
#2	1851.243	1950.357	58619.86	4882.450	3967.201
#3	1850.514	1961.510	58582.39	4923.675	3987.059

Sample Name: I3078-20 Acquired: 6/5/2017 17:28:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744466	-.033308	37.67377	-.068258	.0036530	74.50167	15.49575
Stddev	.0029880	.000752	.01769	.006140	.0007180	.06936	.11580
%RSD	4.013543	2.258310	.0469478	8.995016	19.65545	.0931012	.7473106

#1	.0728209	-.032834	37.69395	-.070619	.0032898	74.56519	15.62365
#2	.0726240	-.032915	37.66640	-.072866	.0031891	74.42766	15.39801
#3	.0778950	-.034176	37.66096	-.061288	.0044800	74.51216	15.46561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112916	.1727365	647.0463	.1000958	.3932245	1.258636	256.9108
Stddev	.0001726	.0003489	1.8296	.0008222	.0004063	.006439	.7445
%RSD	1.528736	.2019712	.2827665	.8214539	.1033212	.5115674	.2898007

#1	.0113637	.1731187	646.2138	.1004156	.3935047	1.256437	256.3913
#2	.0114164	.1724352	649.1441	.1007102	.3927585	1.265886	257.7637
#3	.0110946	.1726557	645.7810	.0991618	.3934102	1.253584	256.5772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.18898	307.8816	.3748140	.0006896	2.043870	.2503151	9.187916
Stddev	.05663	.6392	.0016175	.0005512	.055849	.0061895	.057779
%RSD	.2009076	.2076011	.4315538	79.92243	2.732530	2.472669	.6288579

#1	28.17276	308.2542	.3759636	.0010576	1.999333	.2561787	9.141442
#2	28.25195	308.2470	.3729644	.0009553	2.106530	.2509223	9.252608
#3	28.14222	307.1435	.3755141	.0000559	2.025746	.2438445	9.169697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.671923	5.874094	-.636000	-.001445	36.83964	34.00599	.0154345
Stddev	.036350	.013944	.001538	.000253	.05935	.05791	.0011213
%RSD	.4738070	.2373763	.2417572	17.53103	.1611007	.1703047	7.264553

#1	7.631146	5.890095	-.634275	-.001561	36.80859	34.06737	.0148409
#2	7.683694	5.867642	-.637229	-.001154	36.80225	33.99827	.0147349
#3	7.700929	5.864545	-.636495	-.001619	36.90807	33.95232	.0167278

Sample Name: I3078-20 Acquired: 6/5/2017 17:28:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9195072	.0613051	.3009760
Stddev	.0024082	.0008017	.0002427
%RSD	.2619016	1.307710	.0806344

#1	.9213293	.0617378	.3011779
#2	.9204152	.0617974	.3010434
#3	.9167770	.0603800	.3007068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.623	1873.342	58820.24	5440.409	2755.458
Stddev	7.354	6.008	98.58	12.200	5.795
%RSD	.4104917	.3206960	.1675985	.2242483	.2103200

#1	1795.511	1866.433	58869.84	5427.764	2748.769
#2	1796.217	1877.342	58884.16	5441.354	2758.968
#3	1783.140	1876.249	58706.70	5452.110	2758.638

Sample Name: I3078-21 Acquired: 6/5/2017 17:32:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674784	-.027834	21.20929	-.058340	.0021381	67.01298	9.629269
Stddev	.0026527	.002880	.09338	.002343	.0007823	.17327	.021395
%RSD	3.931137	10.34720	.4402786	4.015452	36.58989	.2585568	.2221876

#1	.0645683	-.030991	21.10654	-.057593	.0014481	66.95534	9.607718
#2	.0681057	-.027160	21.23236	-.060965	.0029881	66.87589	9.629585
#3	.0697612	-.025350	21.28898	-.056463	.0019781	67.20772	9.650505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100589	.1267110	477.8435	.1018661	.2794710	.7163061	221.6471
Stddev	.0000757	.0006091	1.9819	.0010410	.0019440	.0039920	.6262
%RSD	.7522027	.4807138	.4147532	1.021892	.6956173	.5573051	.2825081

#1	.0099918	.1260097	477.9107	.1006838	.2772401	.7129578	221.6474
#2	.0100441	.1271084	475.8288	.1022691	.2803705	.7207239	221.0207
#3	.0101409	.1270149	479.7909	.1026452	.2808025	.7152366	222.2731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.13260	221.1248	.2900345	-.001656	1.662566	.2266545	7.703018
Stddev	.08775	.4572	.0017891	.000180	.118270	.0054029	.075614
%RSD	.4152509	.2067404	.6168550	10.89113	7.113692	2.383742	.9816142

#1	21.15053	220.8333	.2887864	-.001860	1.625790	.2240203	7.775318
#2	21.03727	220.8895	.2892329	-.001590	1.794855	.2328692	7.624477
#3	21.21001	221.6517	.2920842	-.001518	1.567054	.2230740	7.709258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.425683	6.508120	-.538273	-.001071	29.85423	32.17057	.0102904
Stddev	.049049	.025155	.003582	.000485	.09606	.09675	.0013243
%RSD	.7633294	.3865174	.6653801	45.27879	.3217498	.3007319	12.86934

#1	6.460368	6.481846	-.540514	-.001158	29.75102	32.26704	.0117795
#2	6.447116	6.510531	-.534142	-.001506	29.87067	32.07355	.0098471
#3	6.369565	6.531982	-.540163	-.000548	29.94101	32.17111	.0092446

Sample Name: I3078-21 Acquired: 6/5/2017 17:32:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8452343	.0493756	.2324118
Stddev	.0019371	.0003351	.0004009
%RSD	.2291740	.6787616	.1724952

#1	.8451255	.0497300	.2322485
#2	.8433540	.0490638	.2321183
#3	.8472235	.0493330	.2328686

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.964	1895.184	59538.42	5488.698	2868.534
Stddev	4.267	5.485	94.64	13.181	4.985
%RSD	.2358804	.2894322	.1589523	.2401456	.1737745

#1	1804.138	1892.086	59523.86	5479.819	2871.205
#2	1812.238	1891.950	59639.50	5503.843	2862.783
#3	1810.516	1901.518	59451.91	5482.432	2871.615

Sample Name: I3078-22 Acquired: 6/5/2017 17:36:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597919	-.033479	18.84969	-.062011	.0069476	52.42470
Stddev	.0013872	.001836	.05695	.001774	.0017998	.13289
%RSD	2.320040	5.483138	.3021149	2.860864	25.90568	.2534862

#1	.0612744	-.031806	18.91042	-.062579	.0048919	52.34185
#2	.0585254	-.033188	18.84115	-.060023	.0082400	52.35427
#3	.0595760	-.035443	18.79749	-.063432	.0077108	52.57798

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39515	.0100255	.1092716	F 807.8726	.0776005	.2430353
Stddev	.02315	.0001591	.0000937	3.6214	.0005426	.0010178
%RSD	.2031940	1.587457	.0857398	.4482595	.6992215	.4188034

#1	11.39806	.0100922	.1092204	805.9403	.0780644	.2437146
#2	11.37068	.0098438	.1093797	805.6272	.0777331	.2435261
#3	11.41672	.0101404	.1092146	812.0503	.0770038	.2418650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7042271	239.3117	26.08997	400.5921	.2285614	-.003274
Stddev	.0026654	.8393	.09253	1.3731	.0006151	.000372
%RSD	.3784836	.3507129	.3546709	.3427738	.2691297	11.36418

#1	.7069497	238.5325	26.05266	399.8674	.2292090	-.003416
#2	.7041086	239.2022	26.02191	399.7332	.2284903	-.002852
#3	.7016229	240.2004	26.19533	402.1758	.2279849	-.003555

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.965640	.1863324	5.979382	5.325228	5.583173	-.596081
Stddev	.196969	.0016851	.058851	.046146	.040172	.004984
%RSD	10.02061	.9043517	.9842398	.8665481	.7195225	.8361362

#1	1.847288	.1853976	5.916987	5.378404	5.626677	-.600305
#2	2.193017	.1853218	6.033895	5.301583	5.575361	-.590584
#3	1.856616	.1882776	5.987265	5.295697	5.547480	-.597354

Sample Name: I3078-22 Acquired: 6/5/2017 17:36:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002020	29.45821	28.10023	.0085846	.7091303	.0509904
Stddev	.000377	.05316	.11987	.0011571	.0014981	.0006686
%RSD	18.67563	.1804753	.4265794	13.47838	.2112612	1.311218

#1	-.001855	29.50449	28.09854	.0075045	.7105258	.0512930
#2	-.001754	29.47002	27.98122	.0098057	.7075472	.0502240
#3	-.002452	29.40014	28.22094	.0084438	.7093179	.0514542

Elem	Sr4077
Units	ppm
Avg	.3072476
Stddev	.0010597
%RSD	.3448851

#1	.3071686
#2	.3062297
#3	.3083446

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.807	1801.341	56611.30	5269.415	2694.740
Stddev	3.920	6.577	121.16	18.385	10.750
%RSD	.2290113	.3651223	.2140279	.3488967	.3989437

#1	1713.483	1794.721	56471.65	5264.355	2682.333
#2	1714.610	1807.875	56673.82	5289.800	2700.587
#3	1707.327	1801.427	56688.44	5254.090	2701.300

Sample Name: I3078-20DLX10 Acquired: 6/5/2017 17:40:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101558	-.004069	3.850003	-.008214	.0006350	8.123283	1.748492
Stddev	.0011916	.001448	.008908	.002466	.0005564	.031508	.008142
%RSD	11.73341	35.57771	.2313835	30.02729	87.63315	.3878672	.4656816

#1	.0115316	-.002603	3.852805	-.006495	.0001573	8.114282	1.745282
#2	.0094453	-.004107	3.857175	-.011040	.0005016	8.158311	1.757750
#3	.0094906	-.005498	3.840031	-.007107	.0012459	8.097255	1.742444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014274	.0168724	74.03654	.0116421	.0377624	.1411371	31.08989
Stddev	.0000845	.0001837	.19031	.0004415	.0001121	.0004549	.03438
%RSD	5.918336	1.089027	.2570424	3.792642	.2967735	.3223063	.1105958

#1	.0013776	.0166663	74.22125	.0111551	.0378874	.1412955	31.12529
#2	.0013796	.0170191	74.04727	.0120163	.0376709	.1414915	31.08774
#3	.0015249	.0169318	73.84109	.0117550	.0377288	.1406242	31.05663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.422730	33.63537	.0374994	.0003205	.3891222	.0307380	1.008228
Stddev	.014306	.18597	.0001106	.0002732	.1437640	.0018558	.026488
%RSD	.4179631	.5529146	.2949748	85.24275	36.94572	6.037362	2.627231

#1	3.437229	33.57759	.0374536	.0006256	.5420492	.0318683	1.024219
#2	3.422336	33.84338	.0376256	.0002377	.2567294	.0317494	.977652
#3	3.408625	33.48515	.0374191	.0000983	.3685879	.0285962	1.022811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8070510	.5198161	-.076674	-.000626	3.236563	4.151605	-.000442
Stddev	.0064469	.0015436	.000694	.000383	.024603	.022436	.002120
%RSD	.7988254	.2969422	.9055907	61.25790	.7601675	.5404239	479.3012

#1	.8100409	.5187836	-.077327	-.000500	3.221978	4.160760	-.002694
#2	.7996520	.5215906	-.076748	-.000321	3.264969	4.168017	-.000149
#3	.8114602	.5190742	-.075945	-.001056	3.222743	4.126039	.001516

Sample Name: I3078-20DLX10 Acquired: 6/5/2017 17:40:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1055533	.0059502	.0343160
Stddev	.0024541	.0007410	.0000803
%RSD	2.325021	12.45321	.2341071

#1	.1074446	.0052758	.0343031
#2	.1064352	.0058313	.0344020
#3	.1027801	.0067434	.0342429

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.393	1896.047	57392.41	4955.881	3541.821
Stddev	6.199	8.252	86.12	32.490	10.921
%RSD	.3447115	.4352165	.1500611	.6555861	.3083496

#1	1798.782	1888.506	57420.79	4928.390	3530.781
#2	1792.008	1894.775	57295.68	4947.518	3542.064
#3	1804.388	1904.862	57460.76	4991.735	3552.620

Sample Name: I3078-21DLX10 Acquired: 6/5/2017 17:44:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087248	-.004074	2.190209	-.004041	-.000143	7.344406	1.052595
Stddev	.0017957	.000401	.002958	.001717	.000692	.031940	.003310
%RSD	20.58167	9.835036	.1350578	42.48427	484.0941	.4348928	.3144872

#1	.0071398	-.004438	2.187899	-.003223	.000514	7.381093	1.056227
#2	.0083595	-.003645	2.189185	-.002886	-.000865	7.329344	1.049747
#3	.0106751	-.004138	2.193543	-.006013	-.000078	7.322782	1.051811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011953	.0122876	54.53506	.0119210	.0263603	.0830412	26.67665
Stddev	.0000409	.0001081	.14953	.0002433	.0004143	.0013766	.22380
%RSD	3.425844	.8798619	.2741920	2.040994	1.571524	1.657773	.8389486

#1	.0011504	.0121628	54.69291	.0116921	.0262101	.0817592	26.87699
#2	.0012306	.0123484	54.39554	.0121766	.0268287	.0844961	26.43511
#3	.0012049	.0123516	54.51673	.0118944	.0260421	.0828684	26.71784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.553962	24.37968	.0286714	.0002420	.2448814	.0221805	.8282321
Stddev	.005890	.10920	.0001559	.0001420	.0542409	.0034397	.0049549
%RSD	.2306377	.4479118	.5437895	58.66902	22.14986	15.50781	.5982477

#1	2.559820	24.46759	.0288261	.0003618	.2744258	.0253718	.8337083
#2	2.554026	24.41400	.0285143	.0000852	.2779363	.0226326	.8240590
#3	2.548039	24.25744	.0286738	.0002791	.1822822	.0185371	.8269289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6389035	.5856039	-.066485	-.000626	2.634185	3.925127	-.001104
Stddev	.0209296	.0010599	.000866	.000186	.018371	.013529	.001086
%RSD	3.275857	.1809867	1.301811	29.74599	.6973941	.3446769	98.38032

#1	.6544427	.5868129	-.066666	-.000433	2.650439	3.932806	-.001515
#2	.6471635	.5851635	-.065543	-.000642	2.614254	3.909506	.000128
#3	.6151044	.5848352	-.067246	-.000805	2.637863	3.933070	-.001926

Sample Name: I3078-21DLX10 Acquired: 6/5/2017 17:44:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0965612	.0040781	.0262739
Stddev	.0013282	.0003872	.0000658
%RSD	1.375491	9.494076	.2504930

#1	.0966048	.0042118	.0263498
#2	.0952117	.0036418	.0262325
#3	.0978670	.0043808	.0262394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.829	1913.672	58206.32	4997.942	3614.730
Stddev	3.638	8.789	247.18	27.365	8.675
%RSD	.1991244	.4592521	.4246561	.5475281	.2399956

#1	1822.998	1907.398	57935.09	4966.533	3608.494
#2	1827.251	1909.900	58264.98	5016.640	3611.060
#3	1830.236	1923.716	58418.89	5010.654	3624.637

Sample Name: I3294-19A Acquired: 6/5/2017 17:48:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA107A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013540	-.021687	.9940139	-.049481	.0038251	76.40978	2.471655
Stddev	.0022091	.000222	.0055465	.004893	.0009299	.30009	.003430
%RSD	2.179610	1.024163	.5579951	9.889342	24.30983	.3927416	.1387573

#1	.1038888	-.021937	.9963772	-.049146	.0031771	76.11803	2.467700
#2	.0998389	-.021608	.9876771	-.044764	.0034077	76.39374	2.473806
#3	.1003343	-.021514	.9979873	-.054534	.0048906	76.71757	2.473459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106011	.0135662	66.94395	.1637627	.1930792	.2272200	241.9650
Stddev	.0001852	.0001507	.24494	.0027727	.0016473	.0023150	1.1634
%RSD	1.746842	1.110980	.3658867	1.693094	.8531908	1.018838	.4808172

#1	.0104307	.0136751	66.74334	.1643641	.1947631	.2260641	241.0154
#2	.0105744	.0133942	66.87160	.1607387	.1914711	.2257105	241.6169
#3	.0107982	.0136294	67.21691	.1661853	.1930032	.2298853	243.2628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.11003	21.88461	.1631765	-.010230	1.613000	.3575383	2.176652
Stddev	.09222	.26828	.0013163	.000475	.039583	.0034098	.040109
%RSD	.5092173	1.225874	.8066484	4.641884	2.453990	.9536952	1.842689

#1	18.03674	21.68040	.1646080	-.010763	1.648968	.3612324	2.222958
#2	18.07978	21.78499	.1620183	-.010072	1.570592	.3568709	2.152726
#3	18.21358	22.18845	.1629033	-.009854	1.619441	.3545115	2.154273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.487478	5.466990	-.585632	.0034084	13.59905	25.32263	.1099592
Stddev	.025100	.039063	.004196	.0002053	.08799	.05084	.0017284
%RSD	.3869019	.7145246	.7165038	6.022363	.6470056	.2007852	1.571825

#1	6.472539	5.501012	-.588298	.0036451	13.60763	25.33392	.1115804
#2	6.473438	5.424331	-.580795	.0032791	13.50708	25.26709	.1081406
#3	6.516456	5.475627	-.587803	.0033010	13.68243	25.36687	.1101564

Sample Name: I3294-19A Acquired: 6/5/2017 17:48:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA107A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6237460	.0392385	.1297720
Stddev	.0021485	.0008922	.0002833
%RSD	.3444466	2.273786	.2183085

#1	.6234433	.0394659	.1295566
#2	.6217649	.0399950	.1296666
#3	.6260297	.0382546	.1300929

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.976	2067.574	64026.53	5668.847	3375.489
Stddev	13.019	17.107	573.99	4.892	25.344
%RSD	.6622137	.8273789	.8964876	.0862899	.7508127

#1	1953.100	2055.157	63445.09	5673.939	3353.171
#2	1979.133	2087.087	64592.76	5668.419	3403.041
#3	1965.696	2060.479	64041.75	5664.184	3370.256

Sample Name: CCV052 Acquired: 6/5/2017 17:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994217	4.836180	24.34473	4.890638	5.007948	386.8202
Stddev	.012847	.025777	.12031	.010540	.010545	.4628
%RSD	.2572281	.5330111	.4942008	.2155051	.2105574	.1196380

#1	4.987923	4.841257	24.24691	4.885774	5.010652	387.3168
#2	5.008997	4.808242	24.30821	4.902732	5.016877	386.4009
#3	4.985732	4.859041	24.47907	4.883410	4.996315	386.7429

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17121	.5017027	2.490093	401.8256	15.12941	2.499419
Stddev	.01255	.0014321	.016082	1.1150	.07146	.012039
%RSD	.1234010	.2854557	.6458556	.2774933	.4723438	.4816785

#1	10.17816	.5033478	2.478555	403.0784	15.12380	2.488918
#2	10.15672	.5007337	2.483260	401.4561	15.06091	2.496780
#3	10.17875	.5010268	2.508464	400.9421	15.20351	2.512558

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23575	394.3958	14.83519	398.1774	2.483138	1.275758
Stddev	.00895	1.0724	.03652	1.2866	.010108	.003890
%RSD	.0587637	.2719027	.2461508	.3231290	.4070827	.3049557

#1	15.24283	395.6313	14.86947	399.1434	2.475580	1.276059
#2	15.23874	393.7069	14.79679	398.6719	2.479214	1.271726
#3	15.22569	393.8492	14.83929	396.7169	2.494620	1.279489

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.0582	2.468305	15.24020	155.3669	5.162251	F 4.261965
Stddev	1.0162	.018177	.04920	.3582	.017933	.018903
%RSD	.2598639	.7364321	.3228020	.2305749	.3473864	.4435291

#1	392.0635	2.459728	15.19142	155.4030	5.146604	4.283685
#2	390.0315	2.489184	15.23939	154.9920	5.181821	4.249228
#3	391.0798	2.456003	15.28980	155.7057	5.158329	4.252983

Sample Name: CCV052 Acquired: 6/5/2017 17:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.927417	5.109562	4.956717	4.968402	4.993976	5.162030
Stddev	.006078	.030227	.009264	.014034	.008539	.008597
%RSD	.1233597	.5915722	.1869040	.2824668	.1709953	.1665517

#1	4.924924	5.093220	4.967263	4.970210	5.000045	5.169028
#2	4.922981	5.091023	4.952995	4.953552	4.984211	5.152433
#3	4.934346	5.144441	4.949892	4.981444	4.997672	5.164630

Elem	Sr4077
Units	ppm
Avg	5.105765
Stddev	.009407
%RSD	.1842514

#1	5.109535
#2	5.095057
#3	5.112703

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.372	1537.396	49091.33	4557.010	2573.003
Stddev	1.706	5.603	50.84	9.278	1.474
%RSD	.1148357	.3644781	.1035639	.2035993	.0572914

#1	1486.775	1533.207	49149.78	4547.638	2571.648
#2	1485.867	1535.221	49066.89	4557.202	2574.572
#3	1483.473	1543.761	49057.32	4566.191	2572.789

Sample Name: CCB052 Acquired: 6/5/2017 17:56:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004280	.0023977	.0011479	.0013844	-.000450	.0637804	-.000393
Stddev	.0002967	.0002583	.0020077	.0026103	.000627	.0027186	.000196
%RSD	69.32049	10.77321	174.8947	188.5482	139.1445	4.262481	49.86928

#1	.0007634	.0023550	.0034648	.0039178	-.000581	.0647132	-.000364
#2	.0003208	.0026747	-.000079	.0015322	.000231	.0607181	-.000213
#3	.0001998	.0021635	.000058	-.001297	-.001001	.0659098	-.000602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000829	.0001094	.0724603	.0013106	.0004276	.0029182	.0665956
Stddev	.0000899	.0000606	.0173027	.0000854	.0001513	.0013224	.0161096
%RSD	108.3850	55.40059	23.87890	6.513779	35.38305	45.31763	24.19022

#1	.0000158	.0001506	.0607842	.0012406	.0005889	.0044443	.0677064
#2	.0000479	.0000398	.0923389	.0014057	.0004052	.0022004	.0821211
#3	.0001851	.0001377	.0642579	.0012856	.0002888	.0021098	.0499593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050795	.0490884	.0002358	.0003426	.2126787	-.001102	.0049973
Stddev	.0012147	.0348878	.0004160	.0004044	.0870554	.002586	.0126947
%RSD	23.91438	71.07143	176.3979	118.0615	40.93281	234.7366	254.0336

#1	.0041520	.0540268	.0004580	-.000112	.2409748	-.002334	.0051922
#2	.0064545	.0812438	.0004937	.000663	.2820659	-.002842	-.007794
#3	.0046320	.0119945	-.000244	.000477	.1149954	.001870	.017593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147917	.0001130	.0036229	.0004832	-.091765	.0017445	.0001657
Stddev	.0125090	.0005888	.0008883	.0003007	.003029	.0008312	.0006436
%RSD	84.56762	520.9347	24.51808	62.23374	3.300816	47.65045	388.3788

#1	.0004815	-.000489	.0042263	.0003582	-.095204	.0019690	.0003401
#2	.0236465	.000688	.0026029	.0008262	-.089490	.0024404	-.000547
#3	.0202469	.000140	.0040396	.0002651	-.090602	.0008240	.000704

Sample Name: CCB052 Acquired: 6/5/2017 17:56:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v25) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016669	.0000920	.0006338
Stddev	.0003839	.0002824	.0000297
%RSD	23.03151	306.9096	4.690059

#1	.0021057	.0002146	.0006394
#2	.0015022	-.000231	.0006603
#3	.0013928	.000292	.0006017

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.580	1948.547	59208.70	4895.875	3963.087
Stddev	11.234	2.941	162.12	32.090	4.151
%RSD	.6005499	.1509560	.2738165	.6554418	.1047364

#1	1874.925	1946.208	59224.88	4864.000	3960.976
#2	1878.993	1947.583	59362.12	4928.175	3960.416
#3	1857.823	1951.850	59039.09	4895.450	3967.869