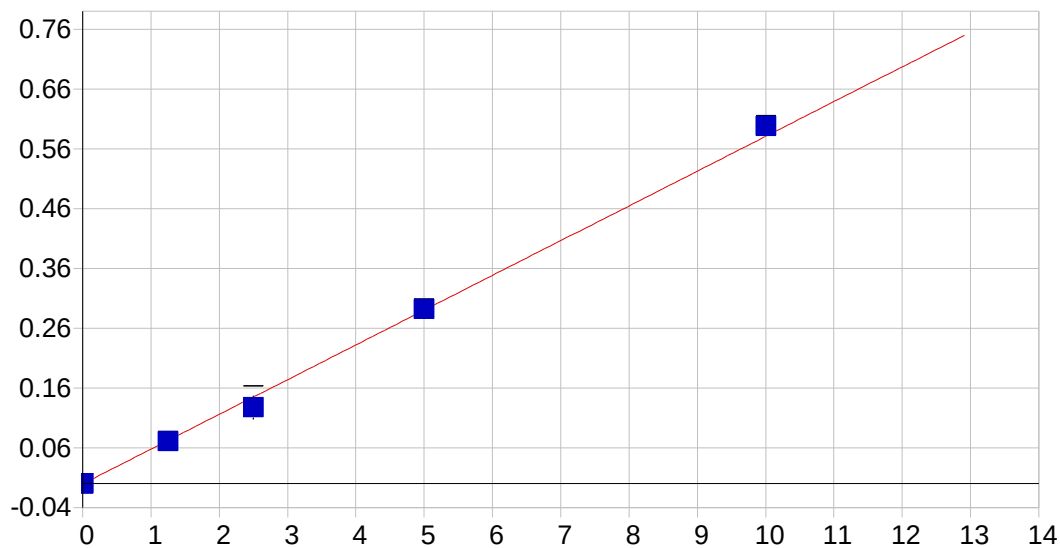




As 189.042 {479}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000307

Re-Slope: 1.000000

A1 (Gain): 0.058102

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998772

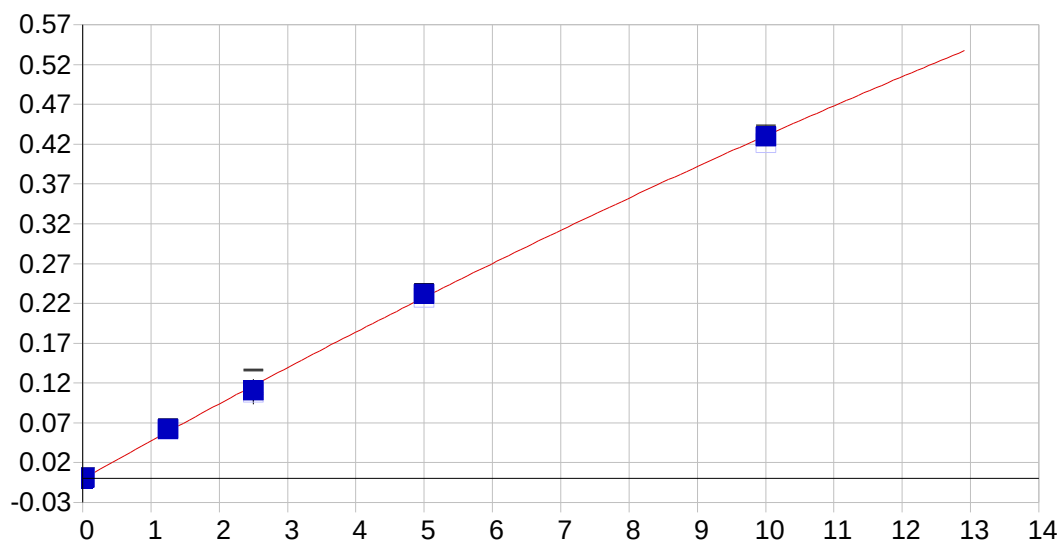
Status: OK.

Std Error of Est: 0.000048

Predicted MDL: 0.004151

Predicted MQL: 0.013837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.01158	.002	15.8	.00037	.000	1
S2	1.2500	1.2252	-.025	-1.99	.07086	.000	1
S3	2.5000	2.1980	-.302	-12.1	.12736	.019	1
S4	5.0000	5.0302	.030	.603	.29187	.001	1
S5	10.000	10.295	.295	2.95	.59770	.001	1



TI 190.856 {477}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000223

Re-Slope: 1.000000

A1 (Gain): 0.048044

Y-int: 0.000000

A2 (Curvature): -0.000497

n (Exponent): 1.000000

Correlation: 0.999601

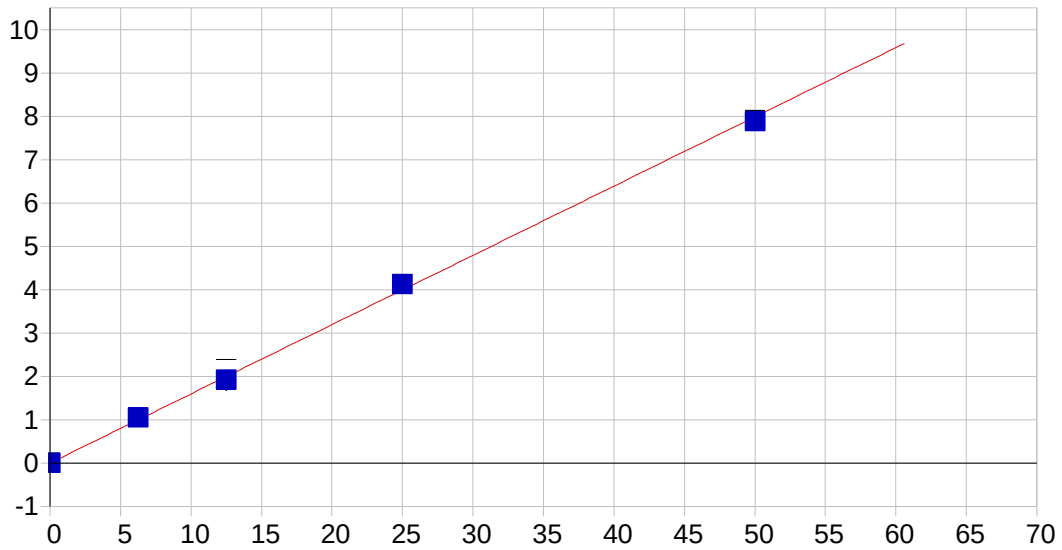
Status: OK.

Std Error of Est: 0.000038

Predicted MDL: 0.002596

Predicted MQL: 0.008655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02500	.02645	.001	5.81	.00095	.000	1
S2	1.2500	1.3182	.068	5.45	.06115	.000	1
S3	2.5000	2.3574	-.143	-5.70	.10809	.015	1
S4	5.0000	5.0941	.094	1.88	.22725	.001	1
S5	10.000	9.9791	-.021	-.209	.42098	.002	1

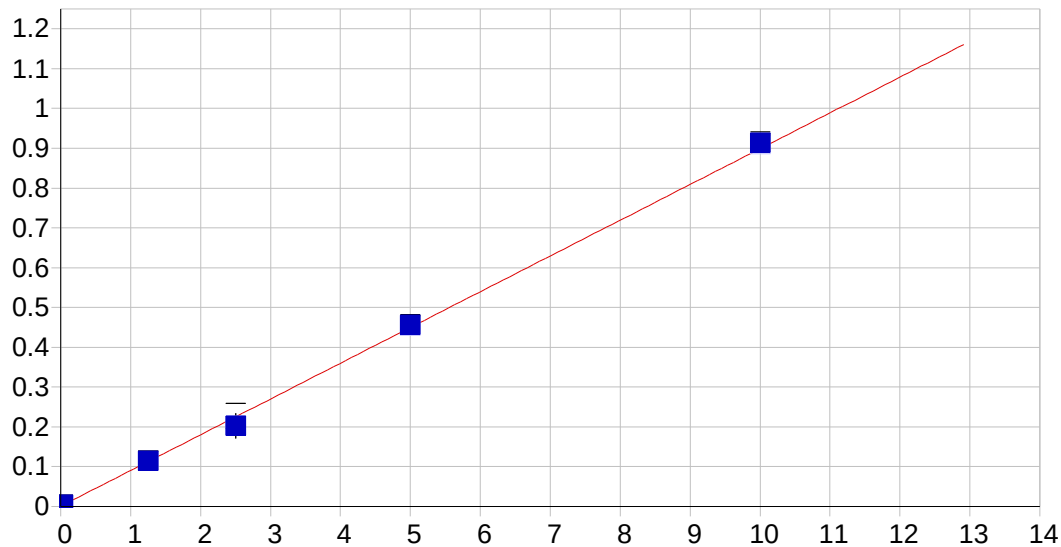


Pb 220.353 {453}

Date of Fit: 9/5/2017 15:45:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.159714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999615 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.001771
 Predicted MQL: 0.005903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01105	.001	10.5	.00175	.000	1
S2	6.2500	6.5793	.329	5.27	1.0511	.002	1
S3	12.500	12.005	-.495	-3.96	1.9179	.248	1
S4	25.000	25.816	.816	3.26	4.1244	.005	1
S5	50.000	49.348	-.652	-1.30	7.8840	.028	1

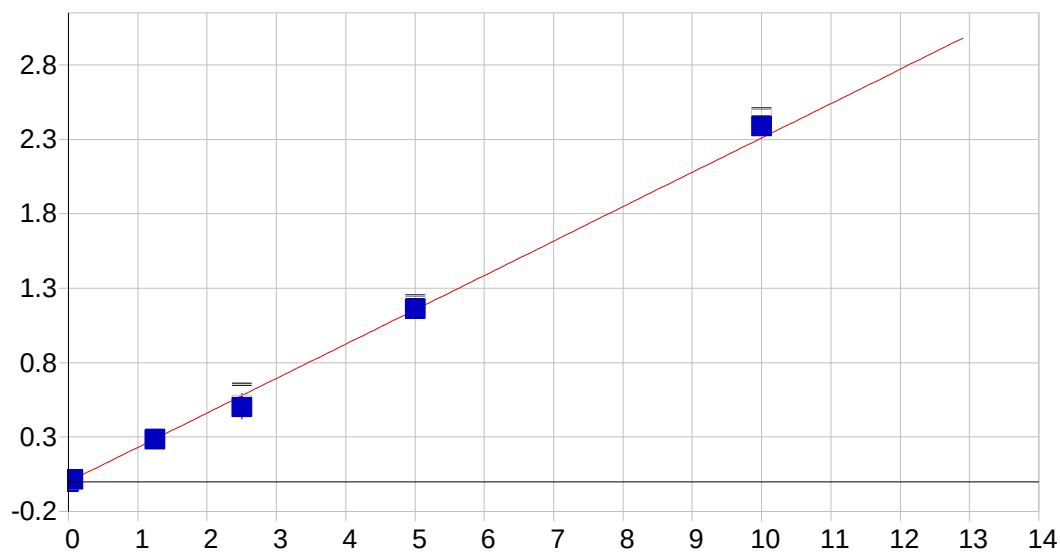


Se 196.090 {472}

Date of Fit: 9/5/2017 15:45:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000505 Re-Slope: 1.000000
 A1 (Gain): 0.089843 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999252 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.003266
 Predicted MQL: 0.010887

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.03500	.03735	.002	6.71	.00386	.000	1
S2	1.2500	1.2684	.018	1.47	.11404	.001	1
S3	2.5000	2.2545	-.245	-9.82	.20223	.032	1
S4	5.0000	5.0648	.065	1.30	.45388	.001	1
S5	10.000	10.160	.160	1.60	.90998	.003	1



Sb 206.833 {463}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000129

Re-Slope: 1.000000

A1 (Gain): 0.230931

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998604

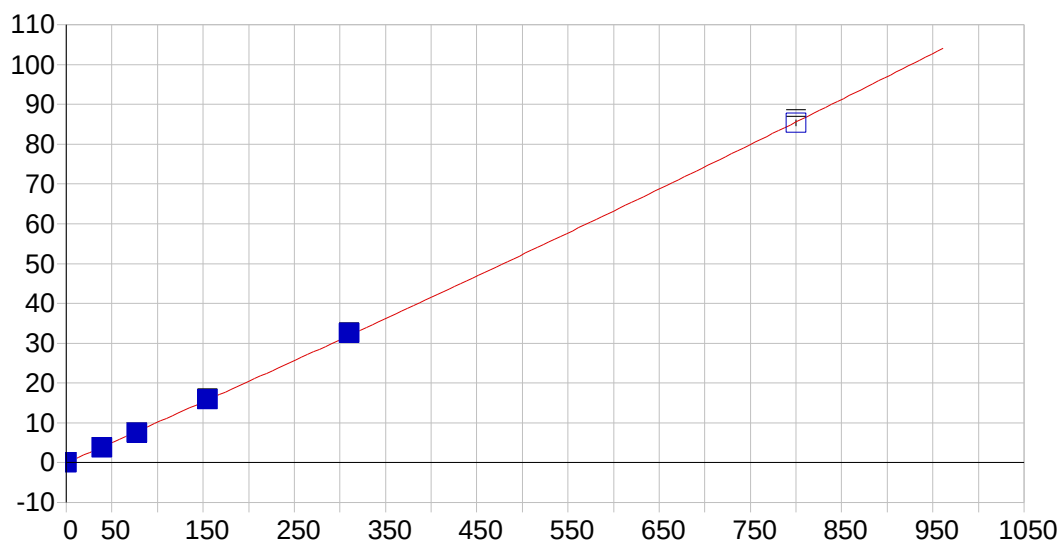
Status: OK.

Std Error of Est: 0.000514

Predicted MDL: 0.001524

Predicted MQL: 0.005079

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.06000	.06235	.002	3.92	.01452	.000	1
S2	1.2500	1.2197	-.030	-2.42	.28874	.001	1
S3	2.5000	2.1723	-.328	-13.1	.51565	.081	1
S4	5.0000	5.0197	.020	.393	1.1871	.003	1
S5	10.000	10.336	.336	3.36	2.4425	.004	1



AI 396.152 { 85}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000064

Re-Slope: 1.000000

A1 (Gain): 0.100486

Y-int: 0.000000

A2 (Curvature): 0.000008

n (Exponent): 1.000000

Correlation: 0.999880

Status:

Warning

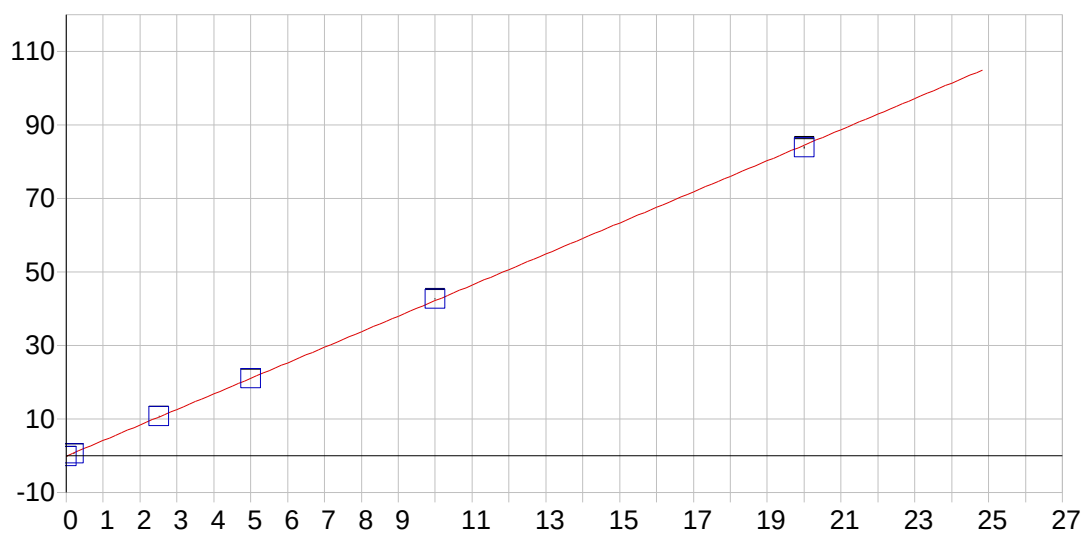
Positive Curvature

Std Error of Est: 0.001131

Predicted MDL: 0.004394

Predicted MQL: 0.014648

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00007	.001	1
S1	.20000	.20219	.002	1.10	.02042	.000	1
S2	38.750	37.256	-1.49	-3.85	3.7597	.007	1
S3	77.500	73.898	-3.60	-4.65	7.4792	.004	1
S4	155.00	156.26	1.26	.814	15.918	.062	1
S5	310.00	315.71	5.71	1.84	32.566	.100	1
S6	800.00	798.10	-1.90	-.238	85.336	.772	1



Ba 493.409 { 68}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.085988

Re-Slope: 1.000000

A1 (Gain): 4.228931

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999888

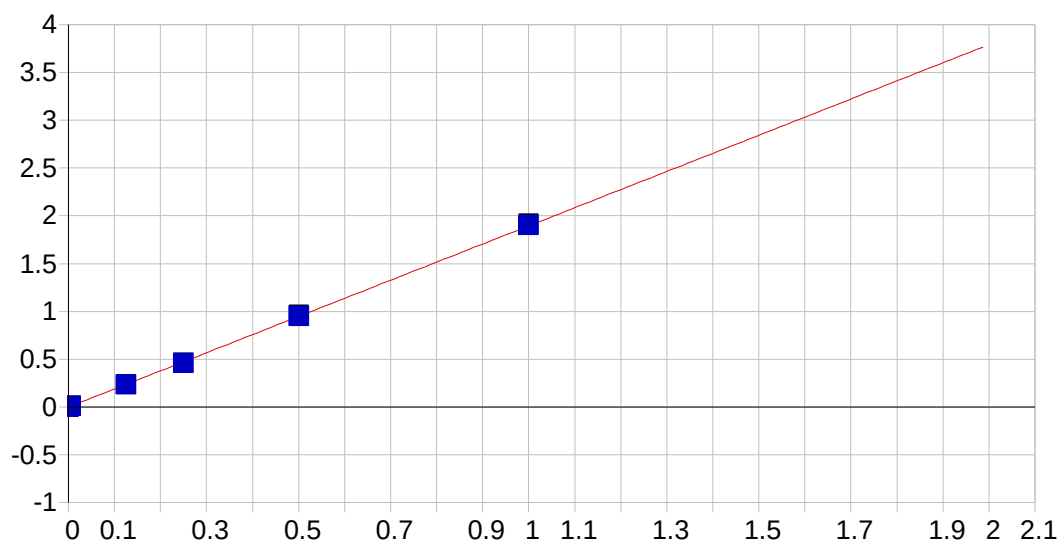
Status: OK.

Std Error of Est: 0.006720

Predicted MDL: 0.000379

Predicted MQL: 0.001263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.08589	.002	1
S1	.20000	.17014	-.030	-14.9	.63351	.002	1
S2	2.5000	2.5673	.067	2.69	10.771	.013	1
S3	5.0000	4.9904	-.010	-.192	21.018	.049	1
S4	10.000	10.109	.109	1.09	42.666	.158	1
S5	20.000	19.863	-.137	-.686	83.913	.326	1



Be 234.861 {144}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001473

Re-Slope: 1.000000

A1 (Gain): 1.896258

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999887

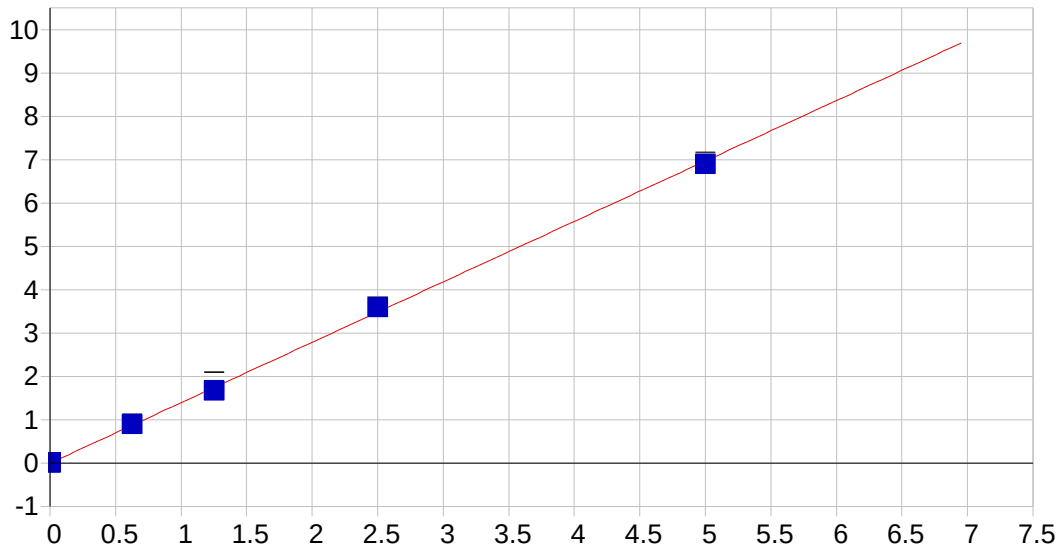
Status: OK.

Std Error of Est: 0.000107

Predicted MDL: 0.000118

Predicted MQL: 0.000392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00147	.000	1
S1	.00500	.00588	.001	17.6	.00967	.000	1
S2	.12500	.12522	.000	.174	.23518	.001	1
S3	.25000	.24226	-.008	-3.09	.45633	.001	1
S4	.50000	.50248	.002	.495	.94817	.009	1
S5	1.0000	1.0042	.004	.416	1.8963	.015	1



Cd 214.438 {457}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000384

Re-Slope: 1.000000

A1 (Gain): 1.393588

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999694

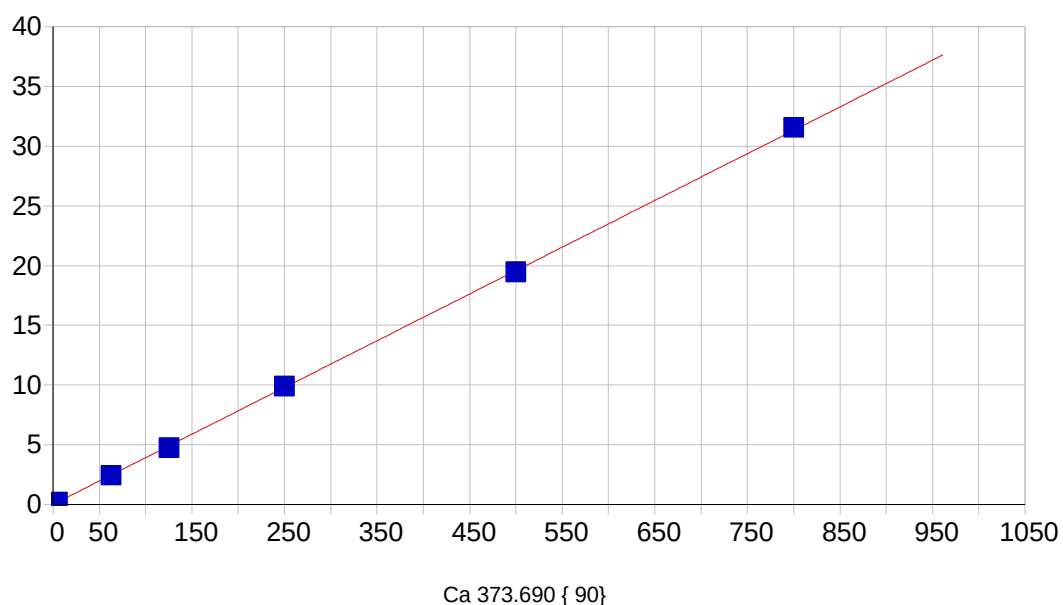
Status: OK.

Std Error of Est: 0.000290

Predicted MDL: 0.000147

Predicted MQL: 0.000488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.00500	.00582	.001	16.4	.00773	.000	1
S2	.62500	.64591	.021	3.35	.90180	.002	1
S3	1.2500	1.2009	-.049	-3.92	1.6773	.194	1
S4	2.5000	2.5788	.079	3.15	3.6016	.007	1
S5	5.0000	4.9485	-.051	-1.03	6.9122	.030	1



Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001159

Re-Slope: 1.000000

A1 (Gain): 0.039153

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999933

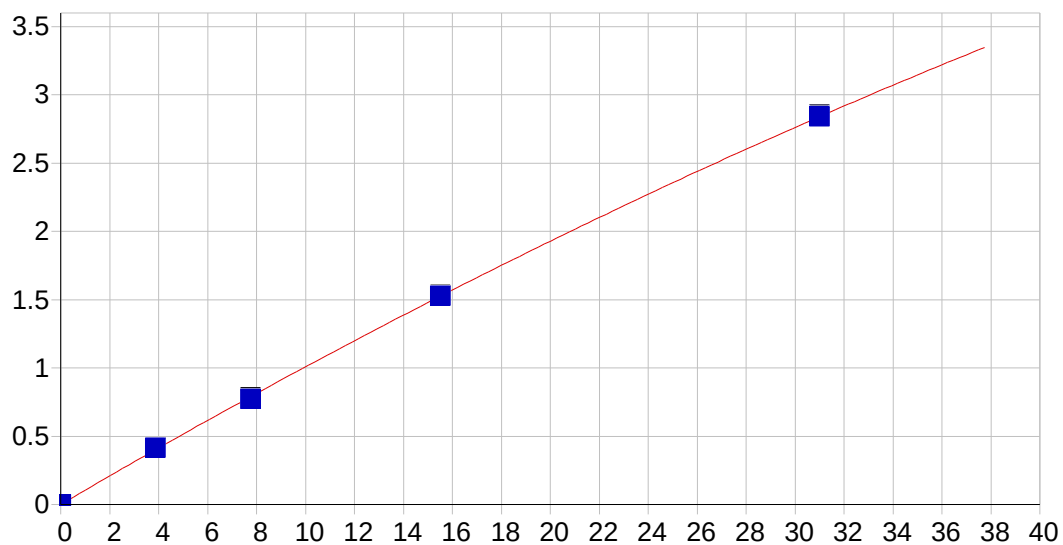
Status: OK.

Std Error of Est: 0.001576

Predicted MDL: 0.010419

Predicted MQL: 0.034729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00116	.000	1
S1	5.0000	5.1028	.103	2.06	.20094	.001	1
S2	62.500	61.976	-.524	-.838	2.4247	.005	1
S3	125.00	120.85	-4.15	-3.32	4.7267	.013	1
S4	250.00	252.35	2.35	.940	9.8694	.022	1
S5	500.00	496.52	-3.48	-.697	19.417	.043	1
S6	800.00	805.71	5.71	.714	31.484	.022	1



Cr 267.716 {126}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Curvilinear

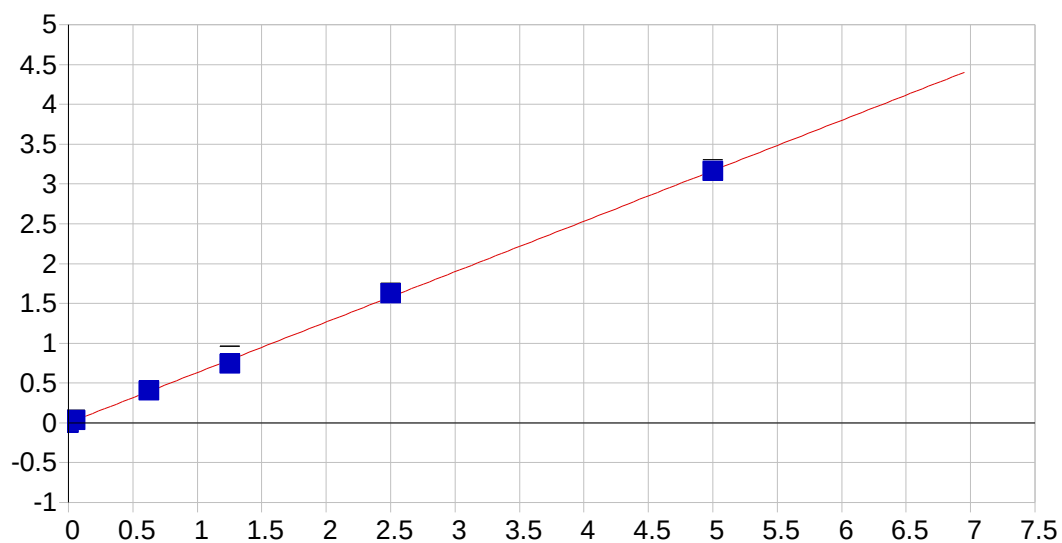
Weighting: 1/Conc

A0 (Offset): 0.000044
 A1 (Gain): 0.105165
 A2 (Curvature): -0.000437
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000043
 Predicted MDL: 0.000640
 Predicted MQL: 0.002133

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01182	.002	18.2	.00130	.000	1
S2	3.8750	4.0109	.136	3.51	.41588	.000	1
S3	7.7500	7.5730	-.177	-2.28	.77352	.009	1
S4	15.500	15.517	.017	.110	1.5310	.003	1
S5	31.000	31.024	.024	.076	2.8507	.007	1



Co 228.616 {448}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000524

Re-Slope: 1.000000

A1 (Gain): 0.633203

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999645

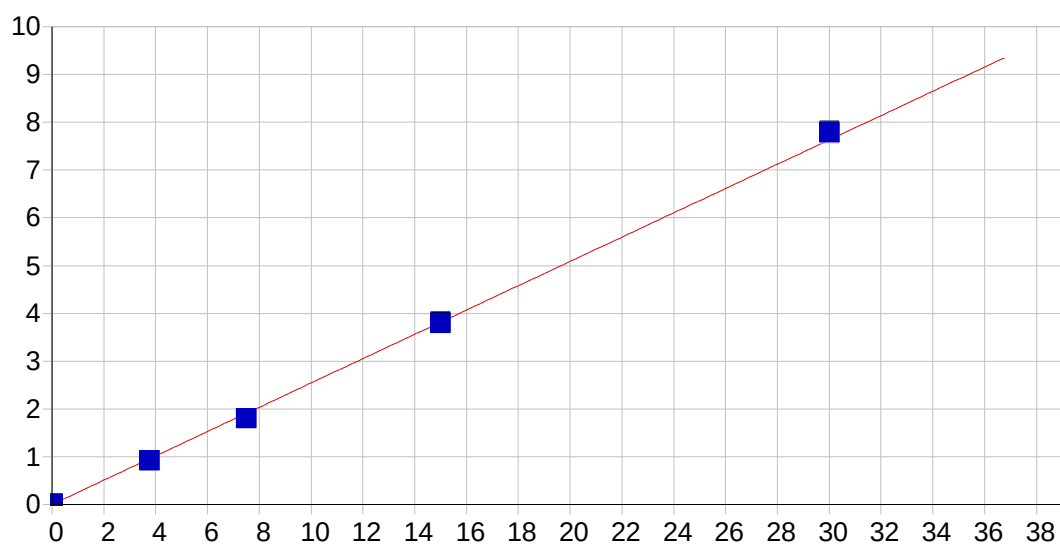
Status: OK.

Std Error of Est: 0.000449

Predicted MDL: 0.000306

Predicted MQL: 0.001020

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.05000	.05167	.002	3.33	.03231	.000	1
S2	.62500	.63752	.013	2.00	.40398	.001	1
S3	1.2500	1.1738	-.076	-6.10	.74437	.096	1
S4	2.5000	2.5664	.066	2.66	1.6279	.002	1
S5	5.0000	4.9956	-.004	-.088	3.1693	.013	1



Cu 324.754 {104}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000978

Re-Slope: 1.000000

A1 (Gain): 0.254328

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999648

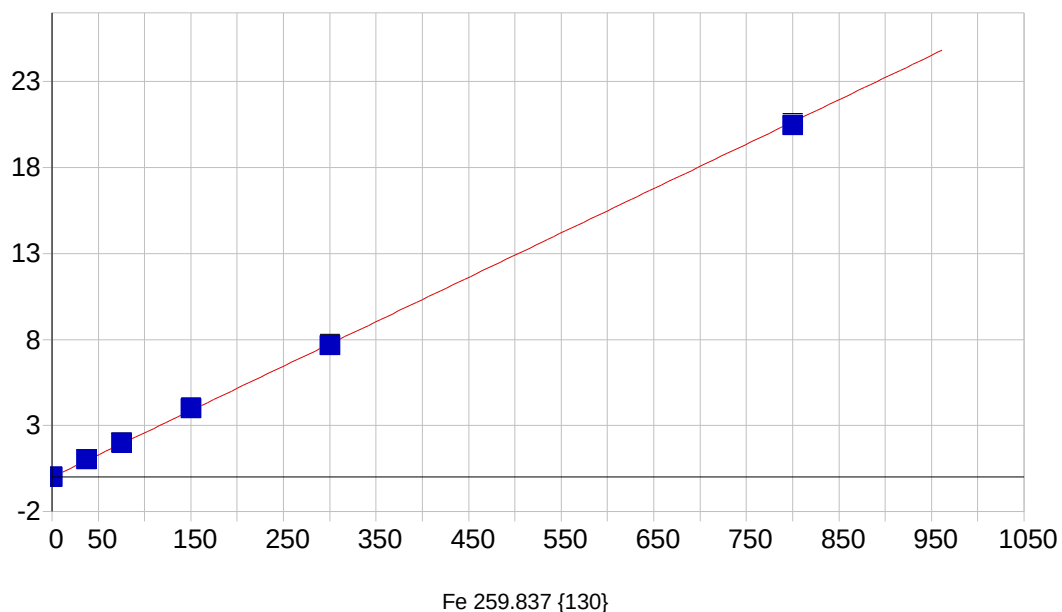
Status: OK.

Std Error of Est: 0.000309

Predicted MDL: 0.001010

Predicted MQL: 0.003366

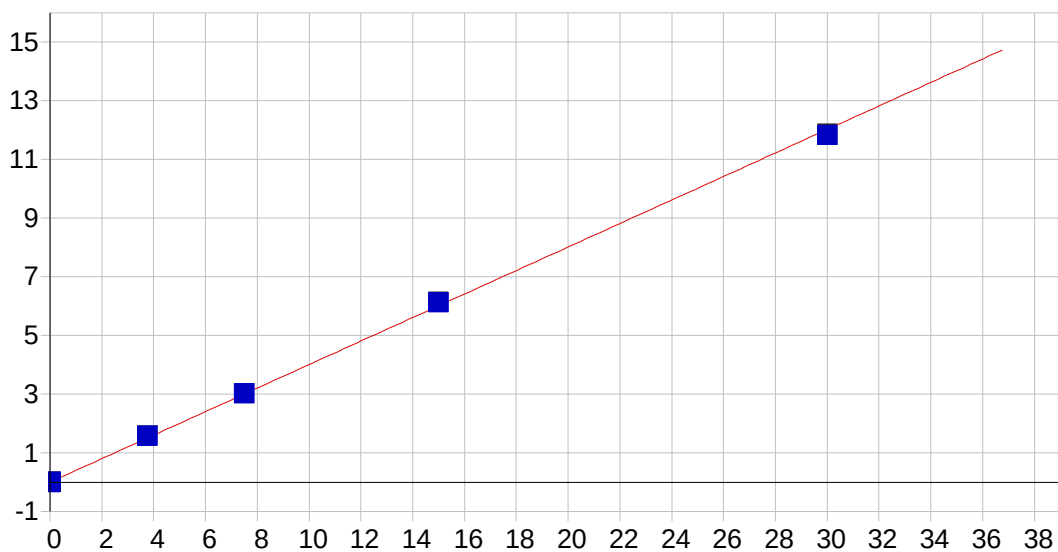
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00098	.000	1
S1	.02500	.02707	.002	8.27	.00782	.000	1
S2	3.7500	3.6104	-.140	-3.72	.91648	.001	1
S3	7.5000	7.0985	-.402	-5.35	1.8009	.002	1
S4	15.000	14.933	-.067	-.445	3.7880	.019	1
S5	30.000	30.606	.606	2.02	7.7631	.034	1



Date of Fit: 9/5/2017 15:45:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.025817 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.006353
 Predicted MQL: 0.021176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00004	.000	1
S1	.10000	.12251	.023	22.5	.00322	.000	1
S2	37.500	40.088	2.59	6.90	1.0362	.005	1
S3	75.000	77.237	2.24	2.98	1.9964	.001	1
S4	150.00	154.97	4.97	3.31	4.0056	.012	1
S5	300.00	297.18	-2.82	-.939	7.6817	.041	1
S6	800.00	792.99	-7.01	-.876	20.483	.085	1



Mn 257.610 {131}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000069

Re-Slope: 1.000000

A1 (Gain): 0.400830

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999800

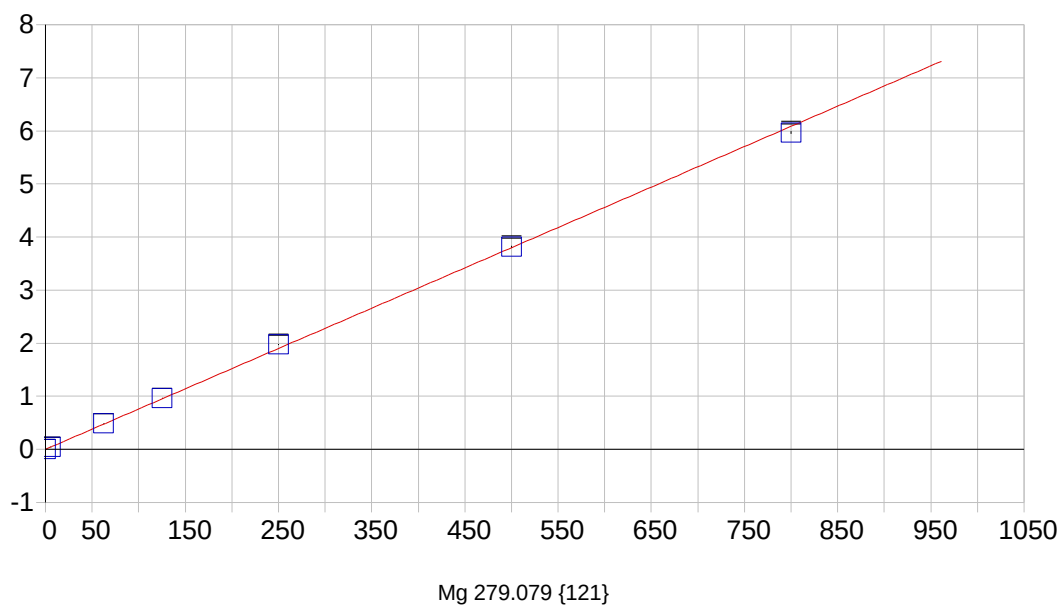
Status: OK.

Std Error of Est: 0.000285

Predicted MDL: 0.000411

Predicted MQL: 0.001372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01751	.003	16.8	.00696	.000	1
S2	3.7500	3.9298	.180	4.79	1.5754	.003	1
S3	7.5000	7.5169	.017	.225	3.0136	.010	1
S4	15.000	15.289	.289	1.92	6.1294	.006	1
S5	30.000	29.512	-.488	-1.63	11.832	.034	1



Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000105

Re-Slope: 1.000000

A1 (Gain): 0.007605

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999774

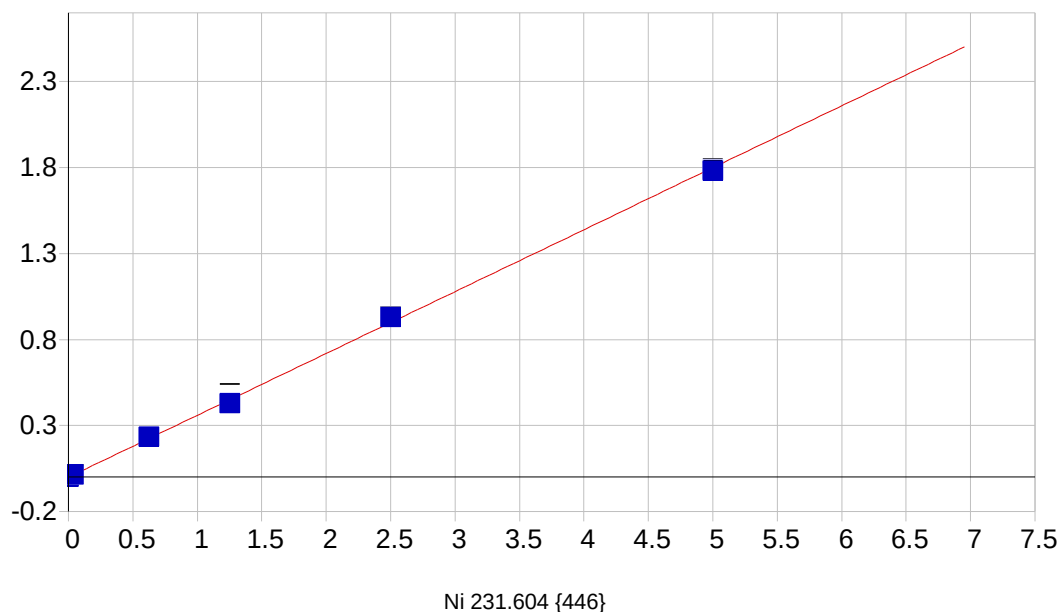
Status: OK.

Std Error of Est: 0.000564

Predicted MDL: 0.021878

Predicted MQL: 0.072926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00061	-.001	.000	-.00011	.000	1
S1	5.0000	5.2765	.276	5.53	.04002	.000	1
S2	62.500	64.385	1.88	3.02	.48954	.001	1
S3	125.00	126.64	1.64	1.31	.96296	.002	1
S4	250.00	259.96	9.96	3.98	1.9768	.013	1
S5	500.00	501.53	1.53	.306	3.8140	.022	1
S6	800.00	784.72	-15.3	-1.91	5.9676	.023	1



Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000462

Re-Slope: 1.000000

A1 (Gain): 0.359900

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999618

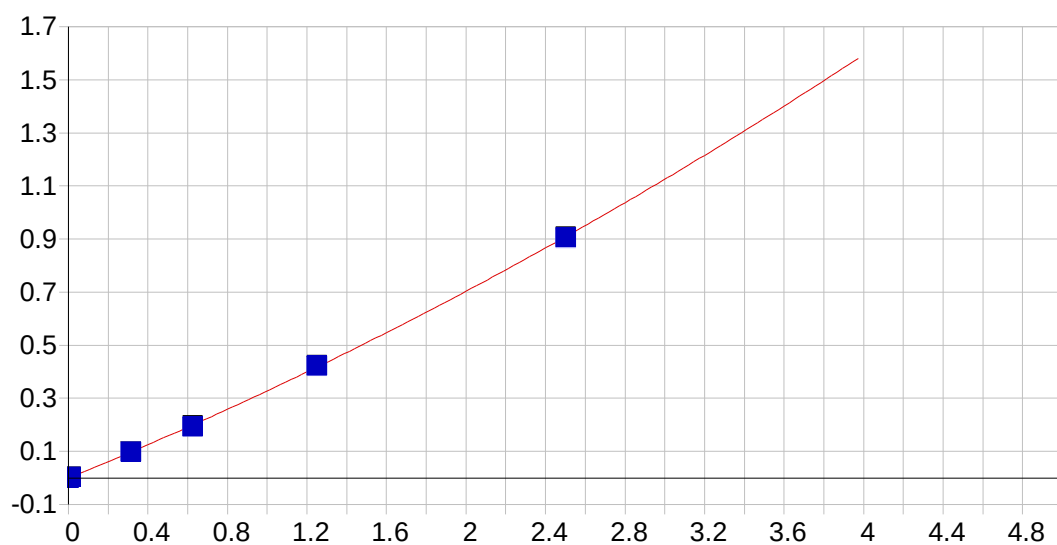
Status: OK.

Std Error of Est: 0.000238

Predicted MDL: 0.000547

Predicted MQL: 0.001825

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.04000	.04313	.003	7.83	.01508	.000	1
S2	.62500	.65304	.028	4.49	.23575	.000	1
S3	1.2500	1.1925	-.058	-4.60	.43108	.055	1
S4	2.5000	2.5799	.080	3.20	.93278	.001	1
S5	5.0000	4.9464	-.054	-1.07	1.7892	.005	1



Ag 328.068 {103}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000036

Re-Slope: 1.000000

A1 (Gain): 0.304602

Y-int: 0.000000

A2 (Curvature): 0.023489

n (Exponent): 1.000000

Correlation: 0.999911

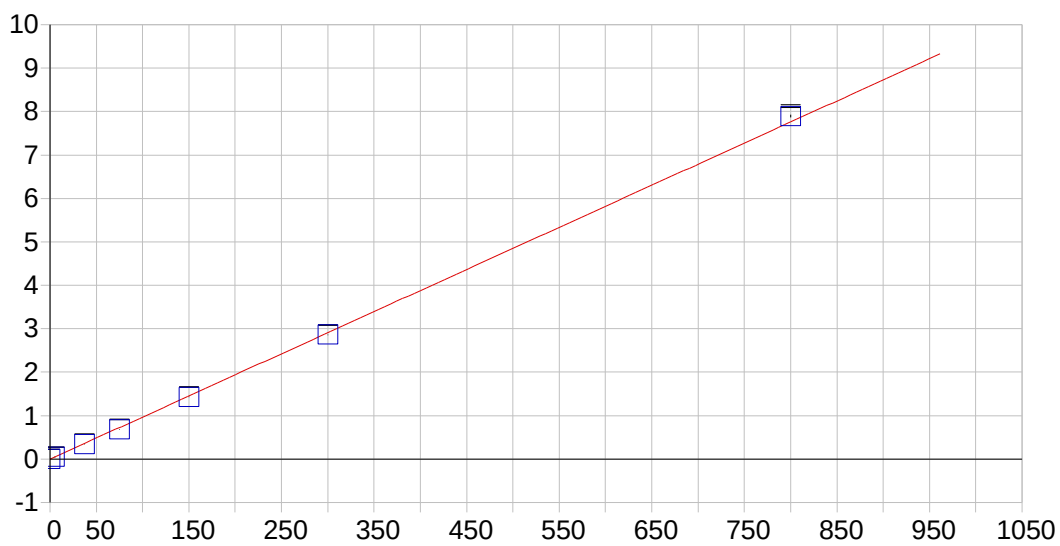
Status: Warning Positive Curvature

Std Error of Est: 0.000044

Predicted MDL: 0.000376

Predicted MQL: 0.001255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.01173	.002	17.3	.00353	.000	1
S2	.31250	.31609	.004	1.15	.09794	.000	1
S3	.62500	.60892	-.016	-2.57	.19285	.003	1
S4	1.2500	1.2637	.014	1.10	.41980	.002	1
S5	2.5000	2.4969	-.003	-.123	.90179	.001	1



Na 818.326 { 41}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002454

Re-Slope: 1.000000

A1 (Gain): 0.009703

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999755

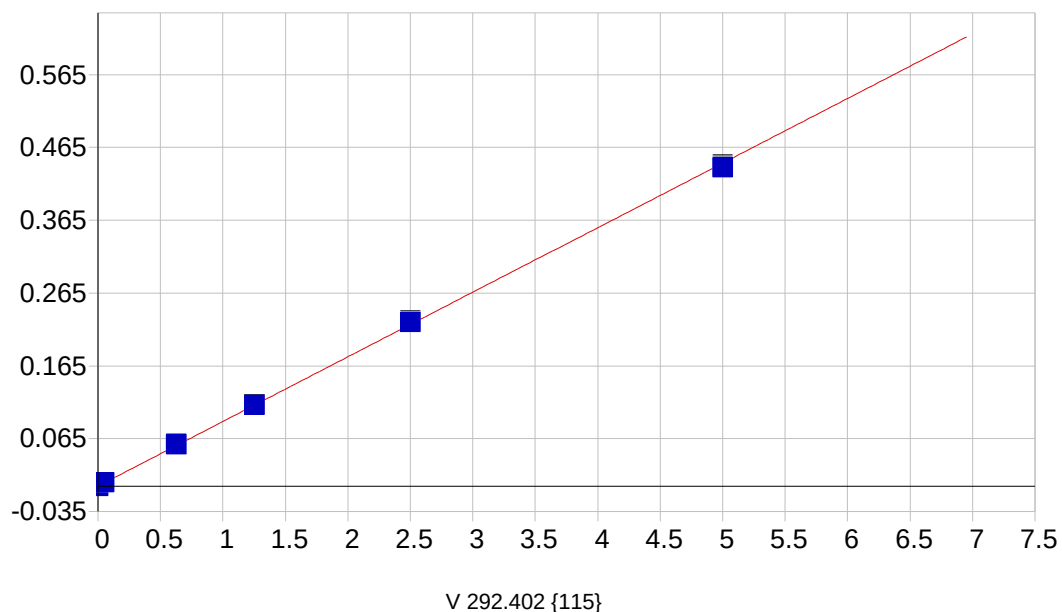
Status: OK.

Std Error of Est: 0.000665

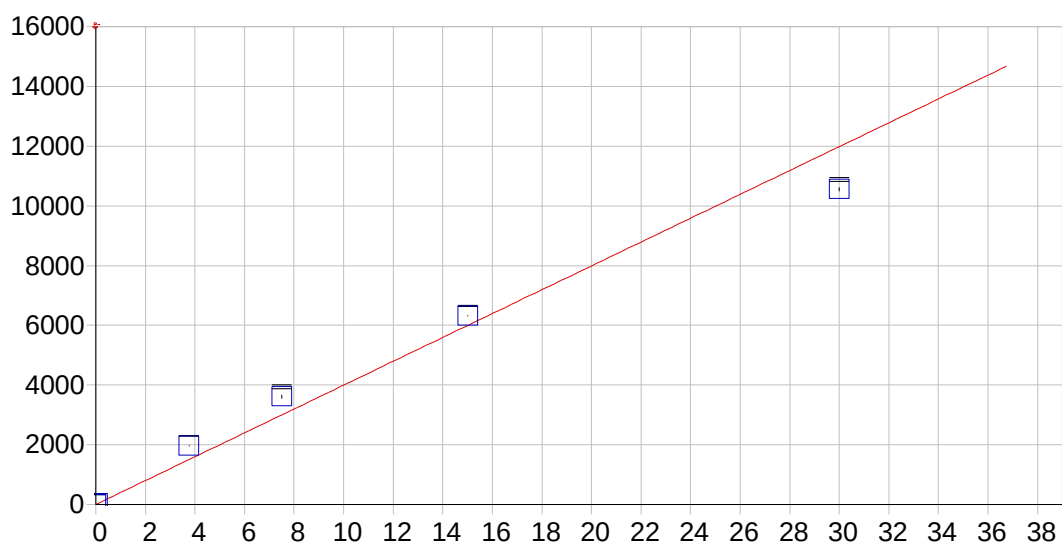
Predicted MDL: 0.093009

Predicted MQL: 0.310030

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	-.00245	.000	1
S1	5.0000	4.8223	-.178	-3.55	.04434	.001	1
S2	37.500	35.801	-1.70	-4.53	.34491	.002	1
S3	75.000	70.899	-4.10	-5.47	.68545	.004	1
S4	150.00	147.44	-2.56	-1.71	1.4281	.008	1
S5	300.00	294.89	-5.11	-1.70	2.8588	.010	1
S6	800.00	813.65	13.6	1.71	7.8920	.032	1



Date of Fit:		9/5/2017 15:45:44		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		-0.000118		Re-Slope:		1.000000		Y-int: 0.000000			
A1 (Gain):		0.088755									
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999867		Status:		OK.					
Std Error of Est:		0.000039									
Predicted MDL:		0.002170									
Predicted MQL:		0.007234									
Std. Name		Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR		Std Dev		Emphasis	
S0		.00000	-.00001	.000	.000	-.00012		.000		1	
S1		.05000	.05393	.004	7.87	.00468		.000		1	
S2		.62500	.64519	.020	3.23	.05737		.000		1	
S3		1.2500	1.2532	.003	.256	.11157		.001		1	
S4		2.5000	2.5403	.040	1.61	.22626		.001		1	
S5		5.0000	4.9324	-.068	-1.35	.43949		.002		1	

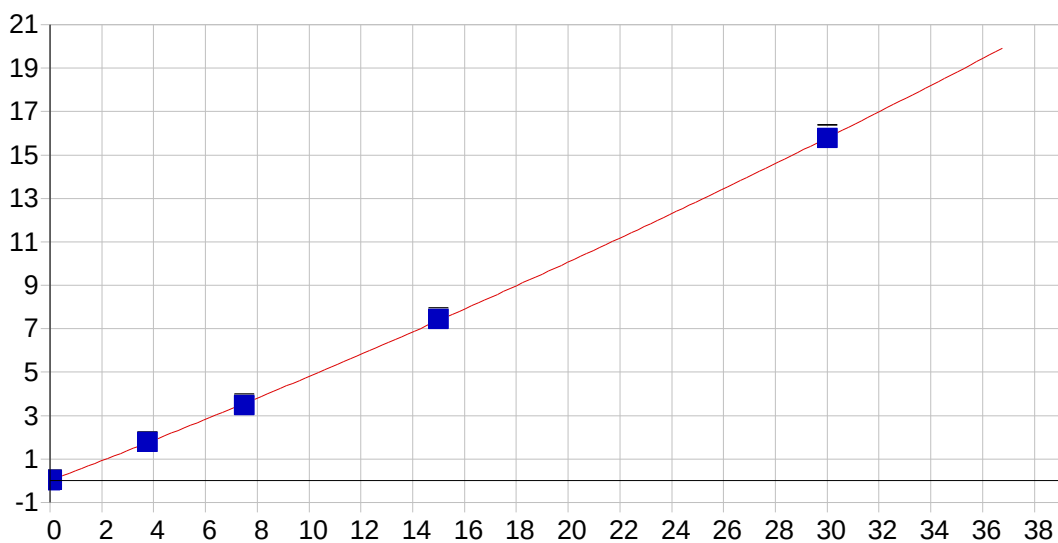


Zn 206.200 {464}

Date of Fit: 9/5/2017 15:45:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.982839 Re-Slope: 1.000000
 A1 (Gain): 399.377443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.989689 Status: OK.
 Std Error of Est: 4.112594
 Predicted MDL: 0.000924
 Predicted MQL: 0.003079

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	1.9579	.320	1
S1	.06000	.09517	.035	58.6	39.990	.216	1
S2	3.7500	4.9260	1.18	31.4	1969.3	3.42	1
S3	7.5000	9.0472	1.55	20.6	3615.2	67.6	1
S4	15.000	15.818	.818	5.45	6319.2	19.1	1
S5	30.000	26.424	-3.58	-11.9	10555.	58.2	1



Zn 213.856 {158}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000693

Re-Slope: 1.000000

A1 (Gain): 0.457694

Y-int: 0.000000

A2 (Curvature): 0.002286

n (Exponent): 1.000000

Correlation: 0.999950

Status:

Warning

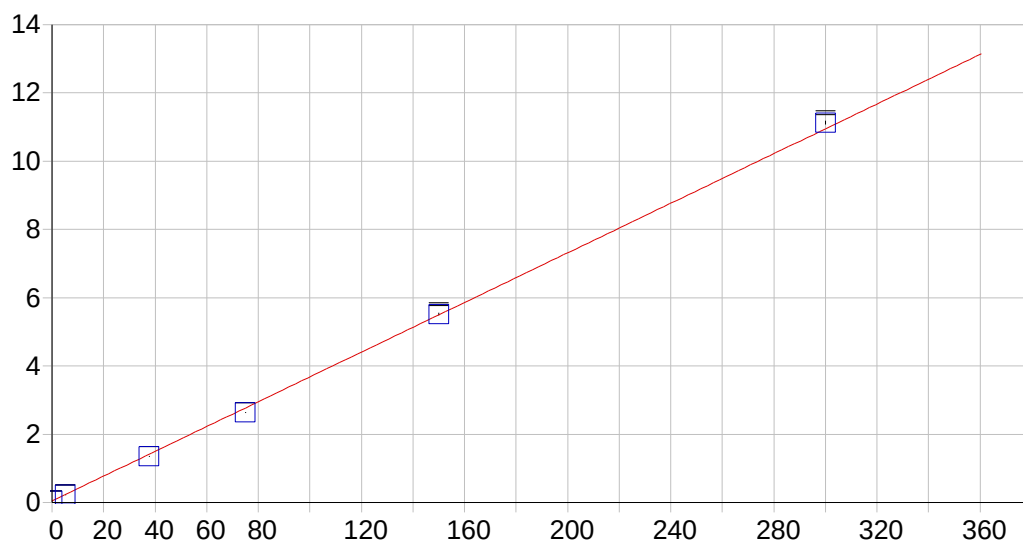
Positive Curvature

Std Error of Est: 0.000418

Predicted MDL: 0.002727

Predicted MQL: 0.009090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00069	.001	1
S1	.06000	.05977	.000	-.389	.02816	.001	1
S2	3.7500	3.8213	.071	1.90	1.7872	.006	1
S3	7.5000	7.3347	-.165	-2.20	3.4889	.046	1
S4	15.000	15.119	.119	.796	7.4598	.056	1
S5	30.000	29.974	-.026	-.086	15.807	.142	1



K 769.896 { 44}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.045222

Re-Slope: 1.000000

A1 (Gain): 0.036344

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999696

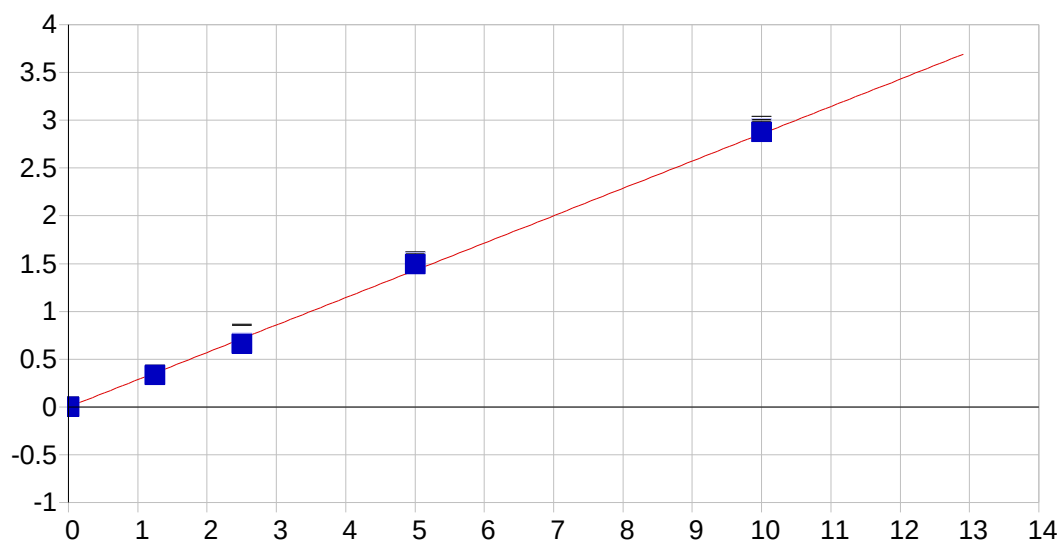
Status: OK.

Std Error of Est: 0.001847

Predicted MDL: 0.023526

Predicted MQL: 0.078419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00045	.000	.000	.04524	.000	1
S1	5.0000	4.9124	-.088	-1.75	.22376	.002	1
S2	37.500	35.906	-1.59	-4.25	1.3502	.002	1
S3	75.000	71.186	-3.81	-5.09	2.6324	.002	1
S4	150.00	150.63	.625	.417	5.5196	.038	1
S5	300.00	304.87	4.87	1.62	11.125	.054	1



P 177.495 {490}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000646

Re-Slope: 1.000000

A1 (Gain): 0.285924

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999004

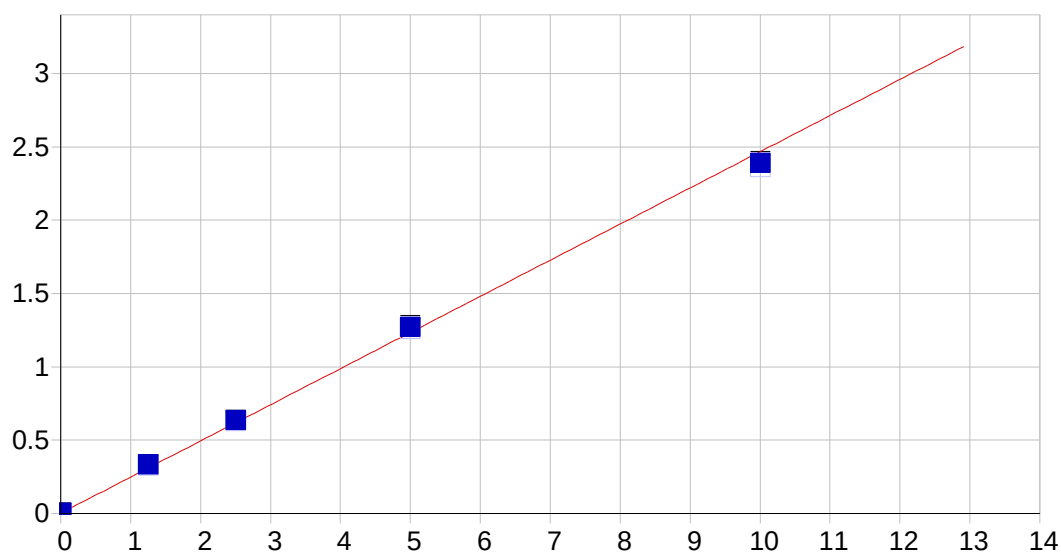
Status: OK.

Std Error of Est: 0.000217

Predicted MDL: 0.000404

Predicted MQL: 0.001348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00064	.000	1
S1	.01000	.00156	-.008	-84.4	-.00015	.000	1
S2	1.2500	1.1643	-.086	-6.86	.33688	.002	1
S3	2.5000	2.3076	-.192	-7.70	.66839	.091	1
S4	5.0000	5.2259	.226	4.52	1.5121	.006	1
S5	10.000	10.061	.061	.607	2.9129	.027	1

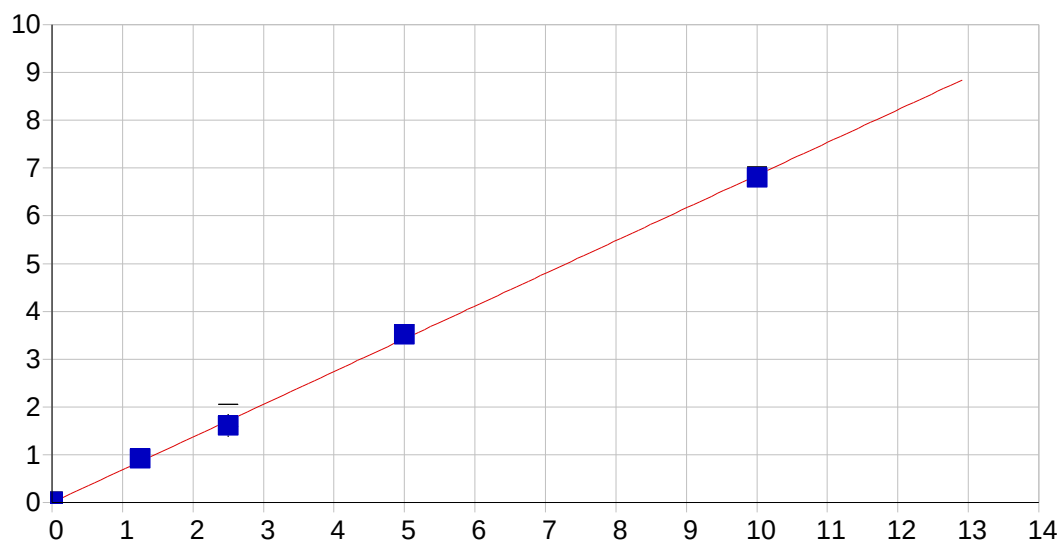


B 249.678 {135}

Date of Fit: 9/5/2017 15:45:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001856 Re-Slope: 1.000000
 A1 (Gain): 0.246478 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999391 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.001031
 Predicted MQL: 0.003438

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00186	.000	1
S1	.01000	.01151	.002	15.1	.00470	.000	1
S2	1.2500	1.3356	.086	6.85	.32720	.002	1
S3	2.5000	2.5729	.073	2.92	.62830	.002	1
S4	5.0000	5.1496	.150	2.99	1.2557	.010	1
S5	10.000	9.6903	-.310	-3.10	2.3594	.012	1



Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000223

Re-Slope: 1.000000

A1 (Gain): 0.684866

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999485

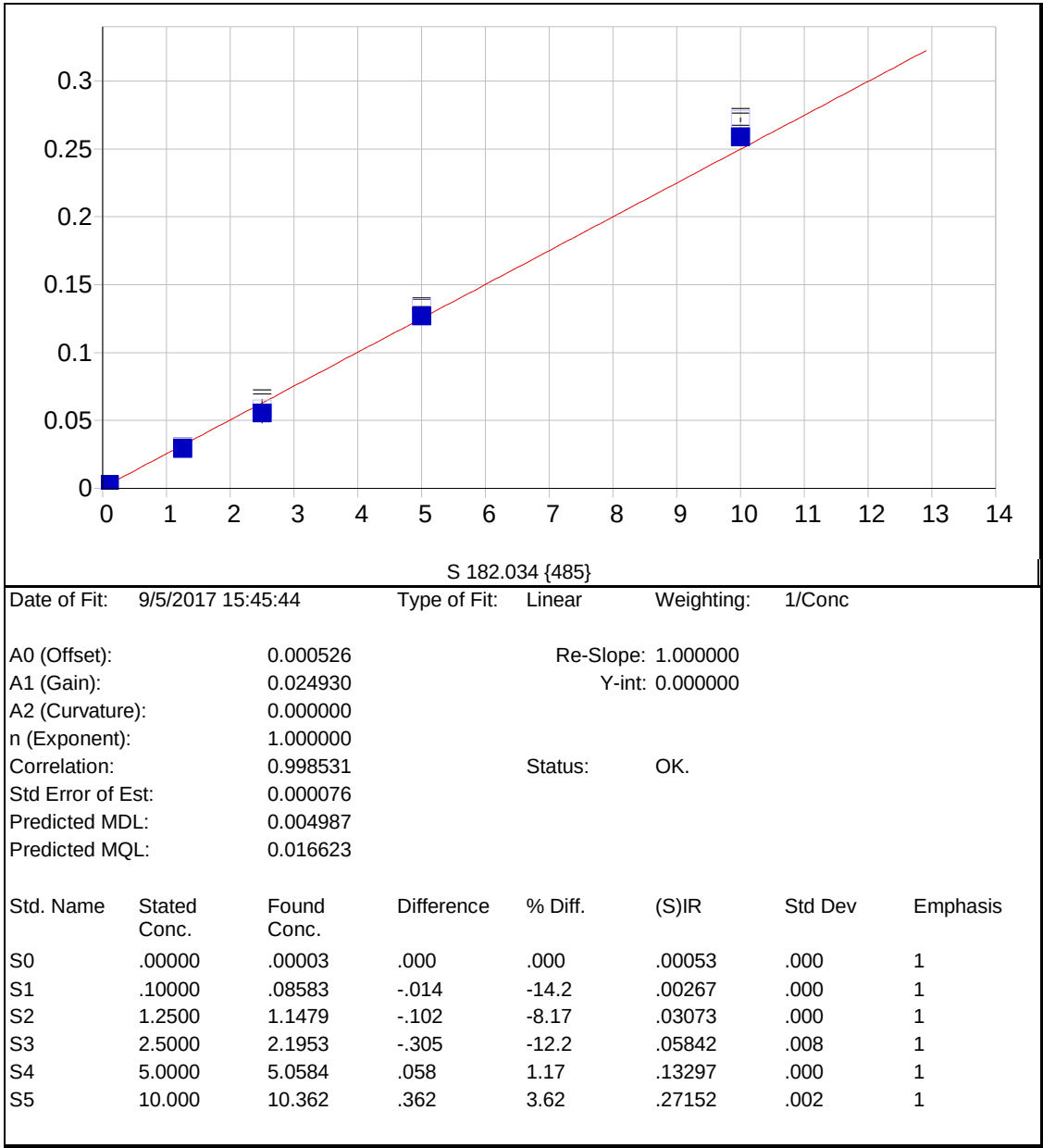
Status: OK.

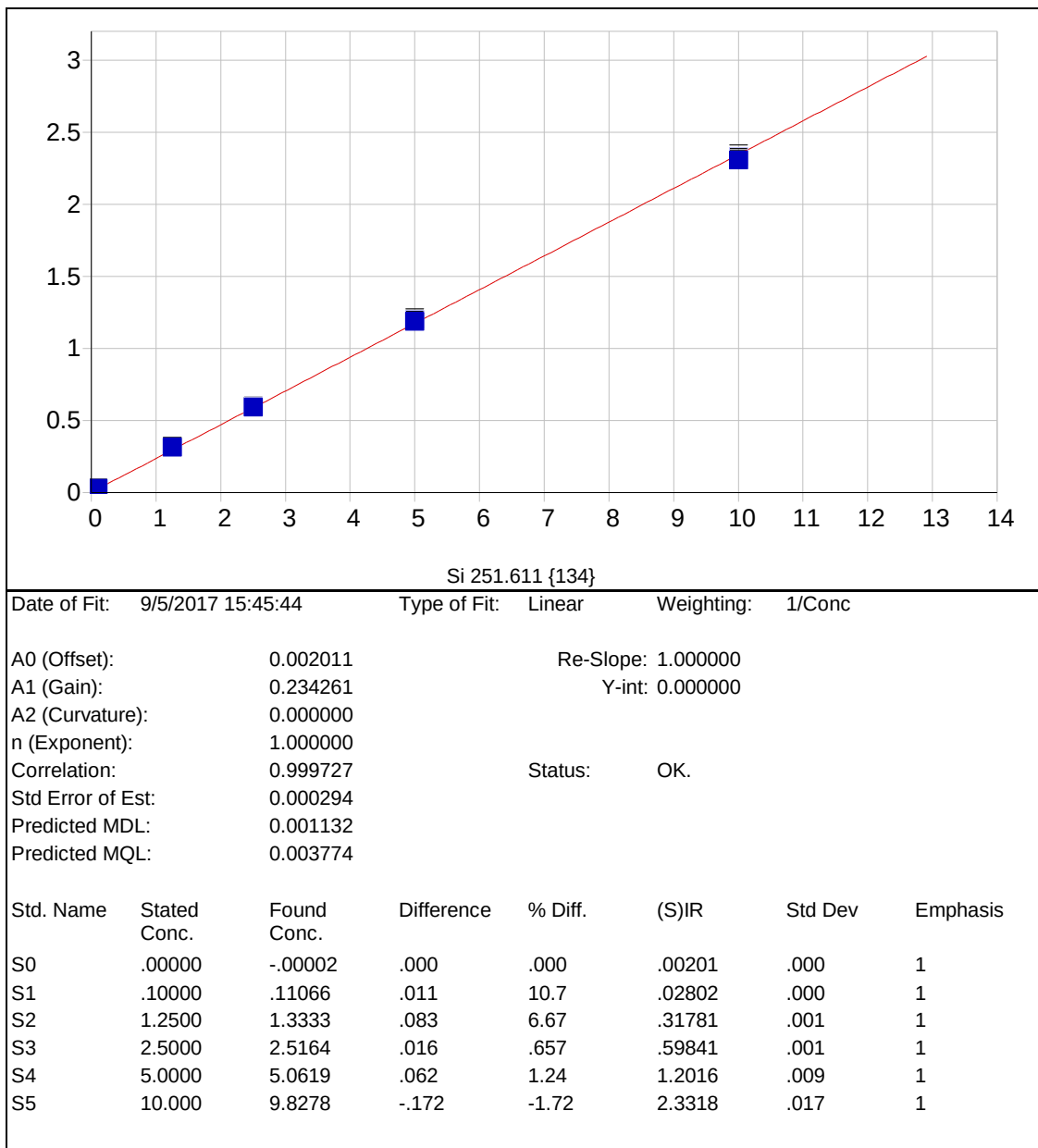
Std Error of Est: 0.000369

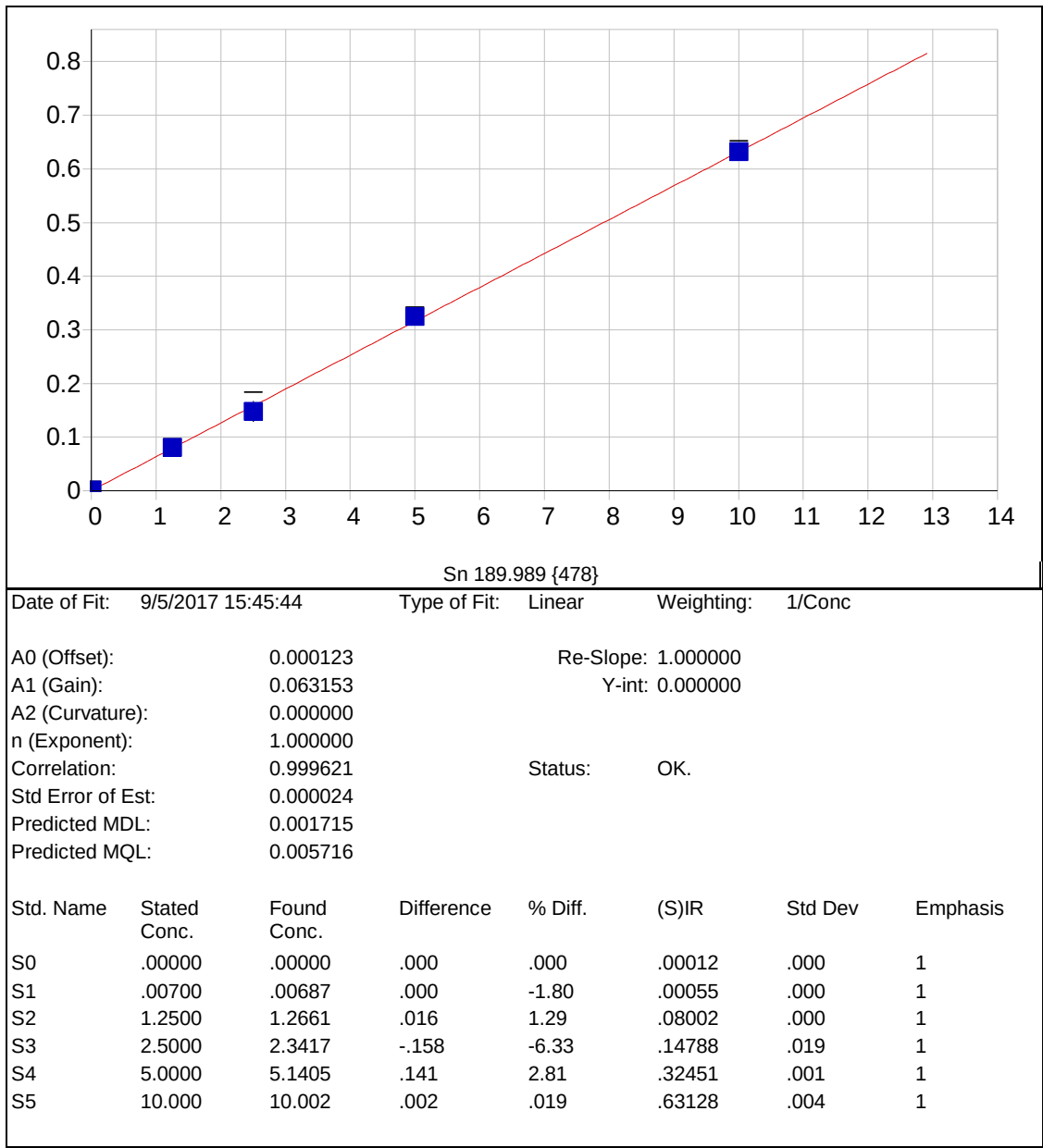
Predicted MDL: 0.000415

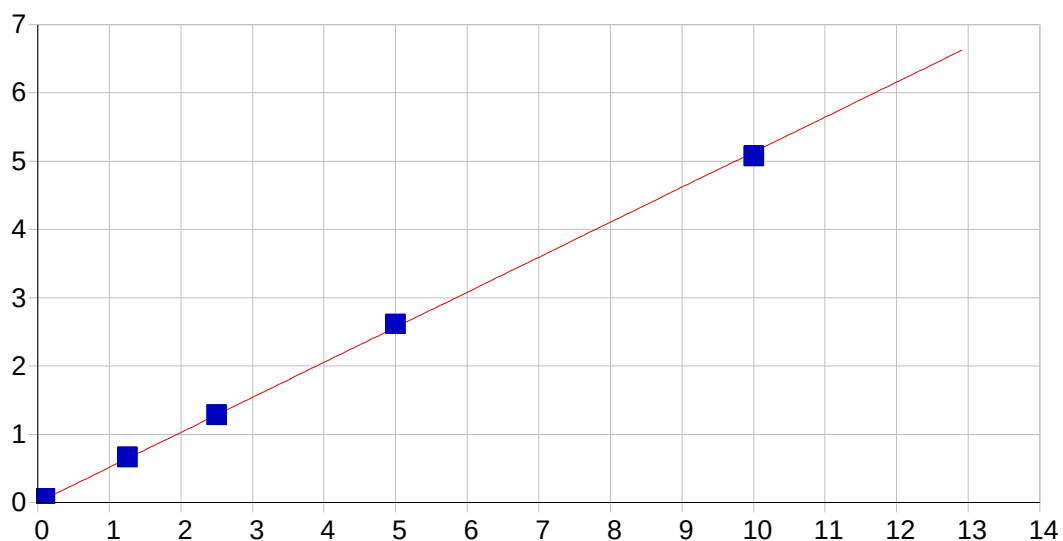
Predicted MQL: 0.001383

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.01239	.002	23.9	.00873	.000	1
S2	1.2500	1.3391	.089	7.13	.91813	.002	1
S3	2.5000	2.3526	-.147	-5.90	1.6130	.234	1
S4	5.0000	5.1272	.127	2.54	3.5147	.003	1
S5	10.000	9.9287	-.071	-.713	6.8063	.016	1









Ti 336.121 {100}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001033

Re-Slope: 1.000000

A1 (Gain): 0.513122

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999873

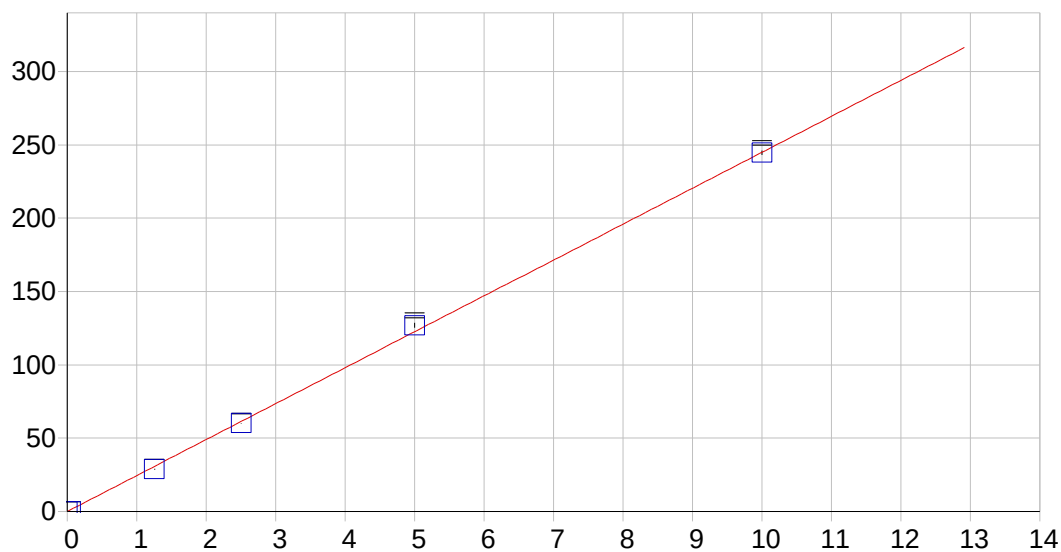
Status: OK.

Std Error of Est: 0.000435

Predicted MDL: 0.000625

Predicted MQL: 0.002082

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00103	.000	1
S1	.10000	.10761	.008	7.61	.05623	.001	1
S2	1.2500	1.2899	.040	3.20	.66272	.002	1
S3	2.5000	2.4944	-.006	-.224	1.2805	.002	1
S4	5.0000	5.0828	.083	1.66	2.6083	.006	1
S5	10.000	9.8752	-.125	-1.25	5.0665	.012	1



Li 670.784 { 50}

Date of Fit: 9/5/2017 15:45:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.008718

Re-Slope: 1.000000

A1 (Gain): 24.495181

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998623

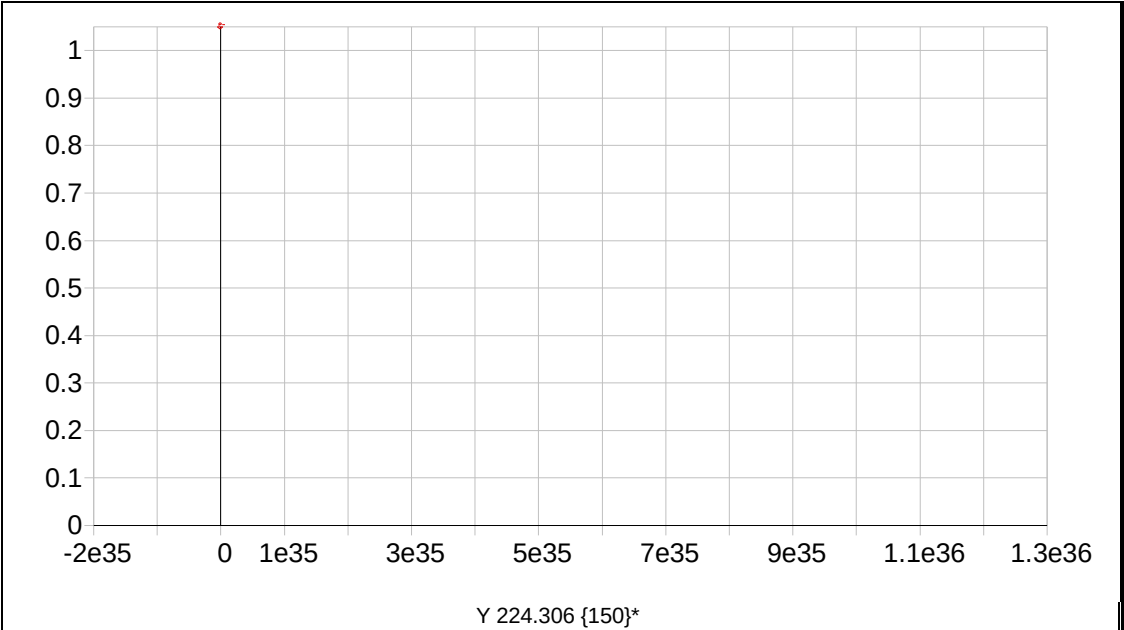
Status: OK.

Std Error of Est: 0.048285

Predicted MDL: 0.000041

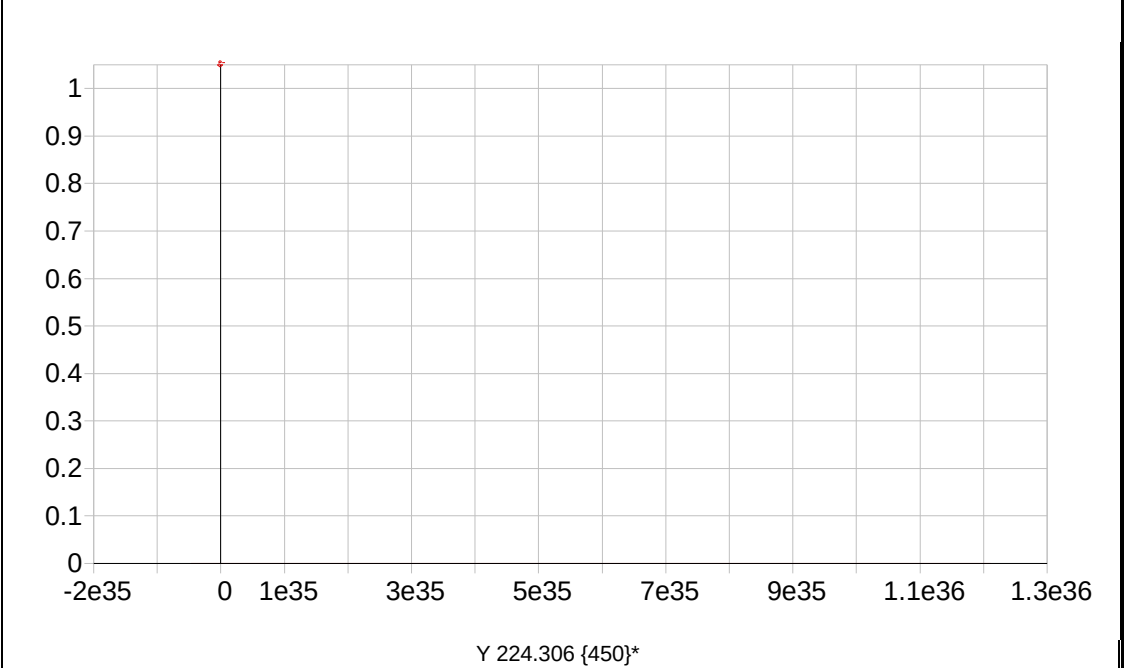
Predicted MQL: 0.000138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00987	.000	1
S5	10.000	9.9847	-.015	-.153	244.59	1.52	1
S4	5.0000	5.1801	.180	3.60	126.90	1.67	1
S3	2.5000	2.4557	-.044	-1.77	60.161	.208	1
S2	1.2500	1.1741	-.076	-6.07	28.769	.045	1
S1	.05000	.00532	-.045	-89.4	.13913	.001	1

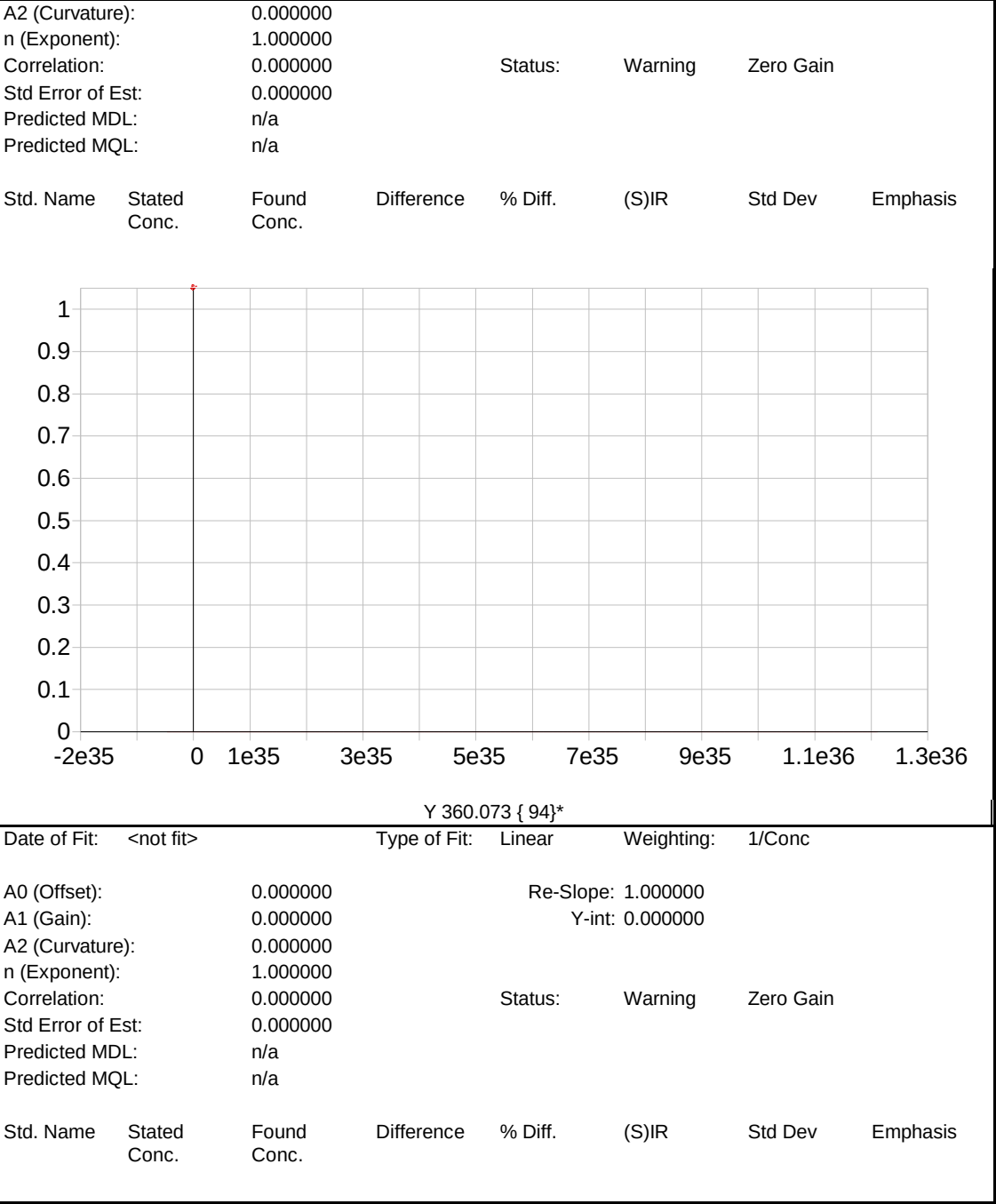


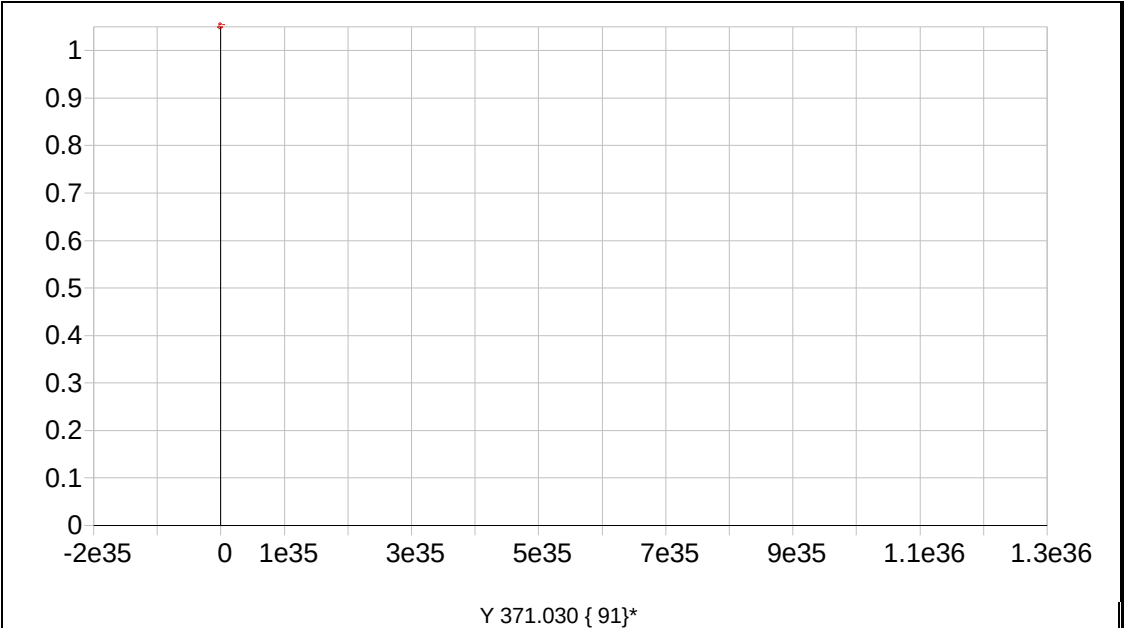
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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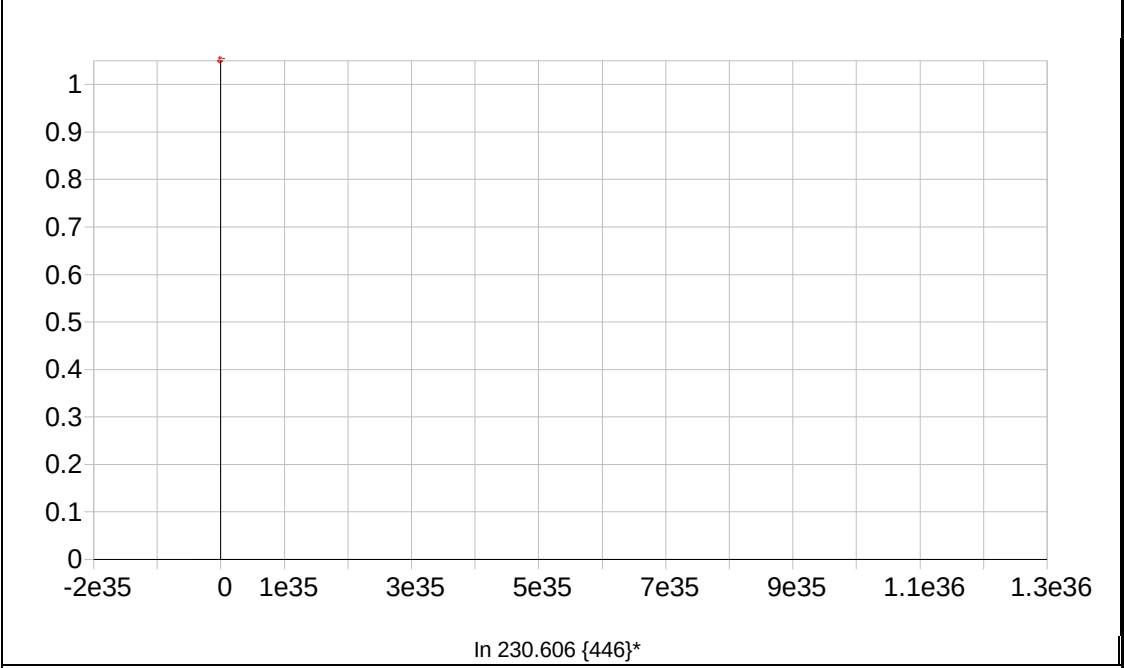
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



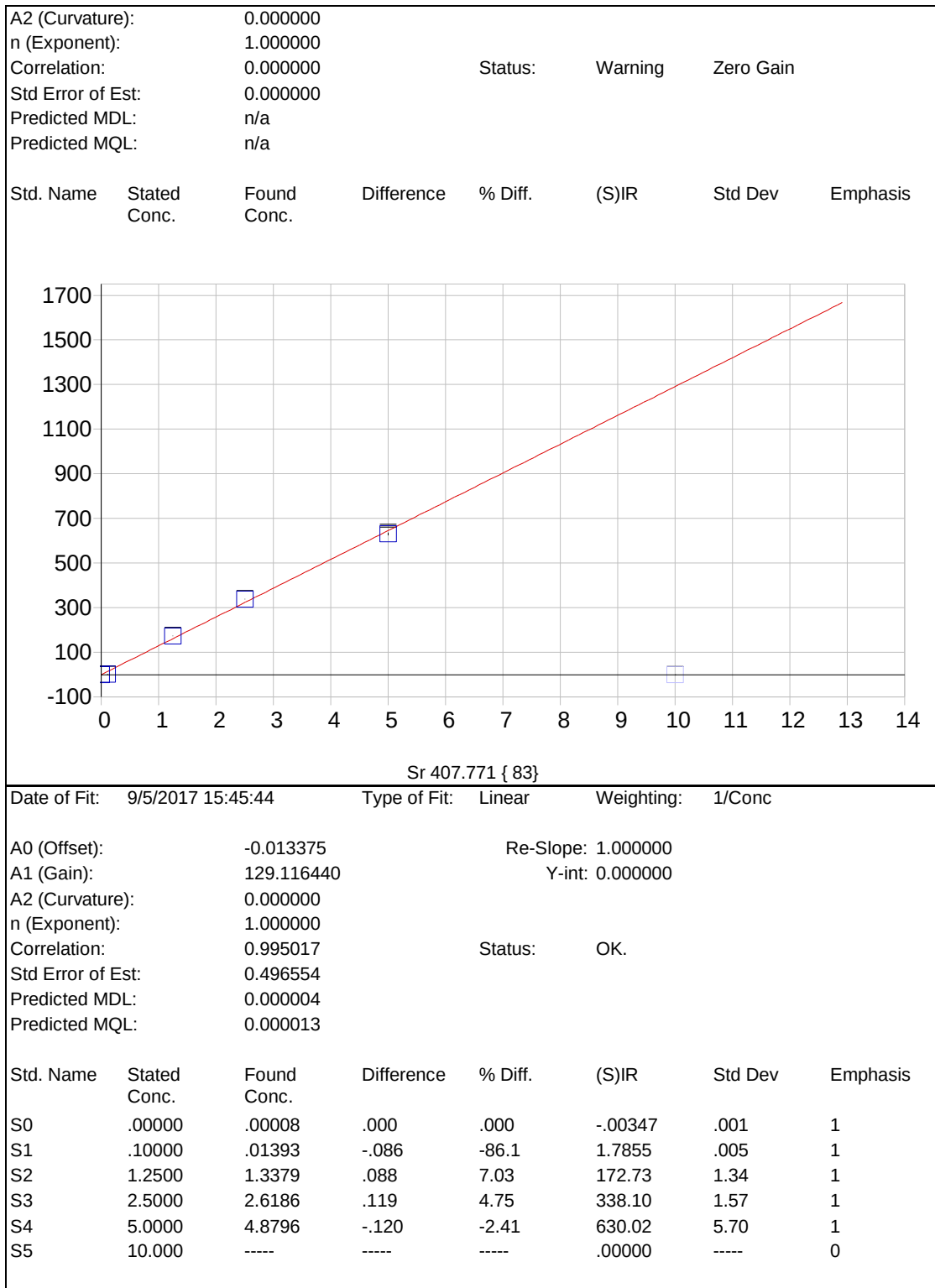


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 9/5/2017 11:04:06 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	-.00031	-.00022	-.00001	.00051	.00013	.00007	-.08589	-.00147
Stddev	.00013	.00002	.00023	.00024	.00017	.00059	.00183	.00016
%RSD	43.317	9.1173	2004.3	47.973	131.60	904.49	2.1264	10.952

#1	-.00025	-.00022	-.00028	.00029	-.00001	-.00047	-.08529	-.00162
#2	-.00021	-.00024	.00013	.00077	.00032	.00070	-.08794	-.00151
#3	-.00046	-.00020	.00012	.00045	.00009	-.00004	-.08443	-.00130

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	-.00039	.00116	.00004	-.00052	.00098	.00004	-.00007	-.00011
Stddev	.00017	.00005	.00001	.00011	.00017	.00010	.00009	.00019
%RSD	43.459	3.9050	33.553	21.185	17.129	220.93	131.72	170.18

#1	-.00038	.00120	.00006	-.00051	.00116	-.00006	-.00008	-.00032
#2	-.00022	.00111	.00004	-.00064	.00095	.00006	-.00016	.00004
#3	-.00055	.00117	.00003	-.00042	.00082	.00013	.00003	-.00005

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	-.00046	-.00004	-.00245	-.00012	.00069	.04524	-.00064	.00186
Stddev	.00001	.00008	.00030	.00006	.00119	.00040	.00003	.00023
%RSD	1.4510	224.47	12.334	46.395	171.88	.89466	4.3562	12.479

#1	-.00046	-.00008	-.00231	-.00013	-.00062	.04478	-.00068	.00174
#2	-.00047	-.00009	-.00279	-.00006	.00099	.04553	-.00063	.00171
#3	-.00047	.00006	-.00223	-.00017	.00171	.04541	-.00062	.00212

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	.00022	.00053	.00201	.00012	.00103	.00987	-.00347	
Stddev	.00006	.00006	.00010	.00005	.00021	.00029	.00051	
%RSD	26.491	11.728	4.8012	39.300	20.748	2.9304	14.834	

#1	.00029	.00055	.00197	.00008	.00080	.00978	-.00333	
#2	.00018	.00046	.00212	.00012	.00123	.00963	-.00305	
#3	.00020	.00058	.00193	.00018	.00105	.01019	-.00404	

Sample Name: S0 Acquired: 9/5/2017 11:04:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	730.18	1346.0	32437.	7891.2	2775.3
Stddev	3.13	11.6	150.	40.6	18.9
%RSD	.42856	.86408	.46373	.51478	.68061
#1	726.85	1333.6	32279.	7863.7	2754.1
#2	730.63	1347.6	32453.	7872.0	2781.3
#3	733.06	1356.7	32578.	7937.8	2790.5

Sample Name: S1 Acquired: 9/5/2017 11:08:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.00037	.00095	.00175	.00386	.01452	.02042	.63351	.00967
Stddev	.00013	.00007	.00049	.00013	.00016	.00035	.00169	.00017
%RSD	34.426	6.9017	27.984	3.4642	1.0774	1.6926	.26610	1.7532

#1	.00051	.00098	.00127	.00401	.01443	.02078	.63316	.00981
#2	.00032	.00087	.00225	.00381	.01443	.02039	.63203	.00948
#3	.00027	.00099	.00173	.00376	.01470	.02009	.63535	.00971

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	.00773	.20094	.00130	.03231	.00782	.00322	.00696	.04002
Stddev	.00022	.00108	.00007	.00021	.00009	.00013	.00003	.00021
%RSD	2.8409	.53694	5.4183	.65856	1.0872	4.1739	.41023	.53398

#1	.00782	.20178	.00127	.03207	.00787	.00307	.00698	.03987
#2	.00748	.19972	.00125	.03236	.00772	.00330	.00693	.04027
#3	.00789	.20131	.00138	.03249	.00787	.00330	.00696	.03993

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	.01508	.00353	.04434	.00468	.02816	.22376	-.00015	.00470
Stddev	.00005	.00007	.00073	.00009	.00117	.00180	.00004	.00019
%RSD	.33144	1.9884	1.6433	1.8674	4.1583	.80235	30.950	4.1291

#1	.01509	.00346	.04396	.00458	.02681	.22312	-.00015	.00467
#2	.01503	.00359	.04517	.00474	.02883	.22579	-.00019	.00452
#3	.01512	.00355	.04387	.00472	.02885	.22237	-.00010	.00491

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	.00873	.00267	.02802	.00055	.05623	.13913	1.7855	
Stddev	.00010	.00005	.00019	.00011	.00061	.00068	.0047	
%RSD	1.1248	1.9390	.67833	20.844	1.0792	.48836	.26376	

#1	.00880	.00267	.02807	.00068	.05673	.13941	1.7855	
#2	.00861	.00273	.02818	.00049	.05641	.13835	1.7808	
#3	.00877	.00262	.02781	.00048	.05556	.13962	1.7902	

Sample Name: S1 Acquired: 9/5/2017 11:08:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	729.68	1330.9	32477.	8042.7	2720.2
Stddev	2.97	7.6	87.	29.7	9.2
%RSD	.40757	.57344	.26856	.36881	.33929
#1	730.20	1322.3	32403.	8015.0	2710.9
#2	726.47	1333.3	32454.	8039.2	2720.3
#3	732.35	1337.0	32573.	8074.0	2729.4

Sample Name: S2 Acquired: 9/5/2017 11:12:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.07086	.06115	1.0511	.11404	.28874	3.7597	10.771	.23518
Stddev	.00030	.00016	.0020	.00068	.00086	.0067	.013	.00062
%RSD	.42600	.25746	.19315	.59606	.29646	.17950	.12484	.26157

#1	.07120	.06110	1.0494	.11384	.28850	3.7556	10.776	.23485
#2	.07071	.06133	1.0533	.11348	.28969	3.7560	10.755	.23479
#3	.07065	.06103	1.0505	.11480	.28803	3.7675	10.781	.23589

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	.90180	2.4247	.41588	.40398	.91648	1.0362	1.5754	.48954
Stddev	.00163	.0053	.00032	.00056	.00098	.0049	.0034	.00087
%RSD	.18099	.22018	.07754	.13910	.10654	.47724	.21453	.17743

#1	.90367	2.4237	.41571	.40463	.91759	1.0329	1.5793	.49045
#2	.90101	2.4200	.41625	.40362	.91575	1.0337	1.5738	.48871
#3	.90071	2.4305	.41567	.40369	.91611	1.0419	1.5732	.48945

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	.23575	.09794	.34491	.05737	1.7872	1.3502	.33688	.32720
Stddev	.00021	.00018	.00174	.00048	.0062	.0018	.00205	.00163
%RSD	.08858	.17897	.50309	.84092	.34569	.13009	.60745	.49945

#1	.23589	.09794	.34415	.05730	1.7932	1.3512	.33835	.32749
#2	.23585	.09812	.34369	.05693	1.7874	1.3513	.33454	.32545
#3	.23551	.09777	.34690	.05789	1.7809	1.3482	.33775	.32868

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	.91813	.03073	.31781	.08002	.66272	28.769	172.73	
Stddev	.00206	.00007	.00124	.00023	.00166	.045	1.34	
%RSD	.22390	.22638	.38913	.29361	.25019	.15640	.77318	

#1	.91936	.03071	.31735	.07977	.66198	28.789	172.58	
#2	.91575	.03080	.31687	.08005	.66155	28.801	171.47	
#3	.91926	.03067	.31921	.08024	.66461	28.718	174.13	

Sample Name: S2 Acquired: 9/5/2017 11:12:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	678.17	1235.0	30420.	7714.0	2355.2
Stddev	4.66	.7	178.	27.1	.7
%RSD	.68740	.05292	.58531	.35098	.02984
#1	675.67	1234.3	30249.	7684.2	2355.9
#2	675.30	1235.1	30405.	7737.0	2354.5
#3	683.55	1235.6	30605.	7720.9	2355.2

Sample Name: S3 Acquired: 9/5/2017 11:16:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.12736	.10809	1.9179	.20223	.51565	7.4792	21.018	.45633
Stddev	.01944	.01478	.2475	.03159	.08098	.0039	.049	.00080
%RSD	15.267	13.669	12.907	15.620	15.705	.05161	.23284	.17428

#1	.13555	.11431	2.0270	.21656	.55210	7.4816	21.040	.45708
#2	.14137	.11874	2.0922	.22411	.57199	7.4748	21.052	.45642
#3	.10516	.09122	1.6346	.16601	.42285	7.4813	20.962	.45549

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	1.6773	4.7267	.77352	.74437	1.8009	1.9964	3.0136	.96296
Stddev	.1936	.0126	.00939	.09567	.0018	.0015	.0096	.00207
%RSD	11.545	.26703	1.2144	12.852	.09958	.07496	.31749	.21499

#1	1.7635	4.7209	.78070	.78609	1.7994	1.9977	3.0100	.96288
#2	1.8129	4.7412	.77697	.81209	1.8029	1.9968	3.0244	.96093
#3	1.4556	4.7180	.76289	.63493	1.8004	1.9948	3.0063	.96507

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	.43108	.19285	.68545	.11157	3.4889	2.6324	.66839	.62830
Stddev	.05532	.00294	.00355	.00050	.0463	.0016	.09123	.00154
%RSD	12.834	1.5264	.51819	.44842	1.3278	.06051	13.649	.24538

#1	.45515	.19450	.68770	.11195	3.4982	2.6333	.70872	.62652
#2	.47029	.19461	.68136	.11176	3.5299	2.6334	.73249	.62913
#3	.36780	.18945	.68730	.11100	3.4387	2.6306	.56394	.62925

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	1.6130	.05842	.59841	.14788	1.2805	60.161	338.10	
Stddev	.2339	.00752	.00139	.01907	.0021	.208	1.57	
%RSD	14.501	12.867	.23167	12.897	.16002	.34562	.46504	

#1	1.7188	.06178	.59696	.15613	1.2809	59.938	336.40	
#2	1.7753	.06368	.59973	.16145	1.2823	60.195	339.51	
#3	1.3449	.04981	.59853	.12607	1.2783	60.350	338.37	

Sample Name: S3 Acquired: 9/5/2017 11:16:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	667.20	1324.4	30253.	7649.4	2376.0
Stddev	10.92	211.4	465.	4.9	334.0
%RSD	1.6361	15.966	1.5363	.06459	14.059
#1	662.47	1223.1	29906.	7653.3	2220.1
#2	659.44	1182.6	30072.	7643.9	2148.5
#3	679.68	1567.4	30781.	7651.2	2759.5

Sample Name: S4 Acquired: 9/5/2017 11:20:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.29187	.22725	4.1244	.45388	1.1871	15.918	42.666	.94817
Stddev	.00061	.00055	.0045	.00138	.0033	.062	.158	.00915
%RSD	.20788	.24080	.10983	.30303	.27737	.38660	.36992	.96501

#1	.29134	.22673	4.1193	.45377	1.1868	15.974	42.832	.95743
#2	.29175	.22721	4.1258	.45256	1.1839	15.928	42.518	.94793
#3	.29253	.22782	4.1281	.45531	1.1905	15.852	42.648	.93914

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	3.6016	9.8694	1.5310	1.6279	3.7880	4.0056	6.1294	1.9768
Stddev	.0071	.0217	.0032	.0018	.0190	.0124	.0057	.0129
%RSD	.19763	.21986	.20744	.10949	.50258	.30930	.09229	.65125

#1	3.5950	9.8454	1.5339	1.6262	3.8036	4.0148	6.1234	1.9917
#2	3.6092	9.8752	1.5313	1.6276	3.7937	3.9915	6.1301	1.9692
#3	3.6006	9.8876	1.5276	1.6298	3.7668	4.0105	6.1347	1.9696

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	.93278	.41980	1.4281	.22626	7.4598	5.5196	1.5121	1.2557
Stddev	.00128	.00152	.0082	.00115	.0561	.0379	.0057	.0100
%RSD	.13690	.36305	.57433	.50710	.75192	.68702	.37807	.79574

#1	.93134	.41982	1.4367	.22756	7.4122	5.5614	1.5065	1.2666
#2	.93378	.42131	1.4273	.22539	7.4456	5.5098	1.5117	1.2536
#3	.93323	.41827	1.4203	.22583	7.5216	5.4875	1.5179	1.2469

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	3.5147	.13297	1.2016	.32451	2.6083	126.90	630.02	
Stddev	.0026	.00038	.0090	.00080	.0057	1.67	5.70	
%RSD	.07390	.28841	.74528	.24798	.21891	1.3137	.90455	

#1	3.5137	.13252	1.2115	.32369	2.6122	127.97	636.57	
#2	3.5128	.13320	1.1994	.32530	2.6109	124.98	627.29	
#3	3.5177	.13317	1.1940	.32456	2.6017	127.75	626.20	

Sample Name: S4 Acquired: 9/5/2017 11:20:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	604.31	1096.9	28128.	7252.4	1930.7
Stddev	1.95	2.6	21.	52.1	5.3
%RSD	.32346	.23571	.07371	.71879	.27470
#1	606.46	1097.0	28110.	7199.6	1933.3
#2	603.84	1099.4	28124.	7253.8	1934.2
#3	602.64	1094.2	28151.	7303.8	1924.6

Sample Name: S5 Acquired: 9/5/2017 11:25:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.59770	.42098	7.8840	.90998	2.4425	32.566	83.913	1.8963
Stddev	.00135	.00153	.0284	.00289	.0044	.100	.326	.0151
%RSD	.22616	.36323	.36045	.31783	.18155	.30635	.38808	.79657

#1	.59917	.42272	7.8956	.91328	2.4475	32.654	84.272	1.9119
#2	.59742	.41985	7.8516	.90872	2.4389	32.587	83.637	1.8953
#3	.59650	.42035	7.9048	.90792	2.4412	32.458	83.829	1.8817

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.9122	19.417	2.8507	3.1693	7.7631	7.6817	11.832	3.8140
Stddev	.0299	.043	.0072	.0129	.0343	.0408	.034	.0218
%RSD	.43185	.22299	.25121	.40751	.44234	.53148	.28501	.57100

#1	6.9357	19.452	2.8554	3.1745	7.7819	7.7275	11.865	3.8391
#2	6.8786	19.369	2.8543	3.1546	7.7840	7.6492	11.798	3.8007
#3	6.9223	19.432	2.8425	3.1788	7.7235	7.6685	11.832	3.8021

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	1.7892	.90179	2.8588	.43949	15.807	11.125	2.9129	2.3594
Stddev	.0053	.00140	.0105	.00211	.142	.054	.0268	.0124
%RSD	.29734	.15474	.36678	.47899	.89837	.48625	.92128	.52423

#1	1.7927	.90048	2.8706	.44168	15.731	11.173	2.9439	2.3705
#2	1.7831	.90163	2.8550	.43749	15.718	11.136	2.8965	2.3617
#3	1.7919	.90326	2.8507	.43930	15.970	11.067	2.8984	2.3461

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	6.8063	.27152	2.3318	.63128	5.0665	244.59	^ *****	
Stddev	.0164	.00167	.0175	.00358	.0116	1.52	-----	
%RSD	.24139	.61598	.74965	.56637	.22898	.62325	-----	

#1	6.8249	.27343	2.3517	.63391	5.0781	246.28	1058.3	
#2	6.8002	.27081	2.3253	.62721	5.0665	243.31	^ -----	
#3	6.7938	.27032	2.3186	.63271	5.0549	244.17	^ -----	

Sample Name: S5 Acquired: 9/5/2017 11:25:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	535.08	989.15	26184.	6974.4	1691.5
Stddev	4.97	1.80	68.	28.9	4.9
%RSD	.92957	.18206	.26009	.41445	.28959
#1	539.00	991.07	26258.	6942.1	1694.6
#2	536.76	987.50	26124.	6983.2	1694.1
#3	529.48	988.88	26170.	6997.8	1685.9

Sample Name: S6 Acquired: 9/5/2017 11:29:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	85.336	31.484	20.483	5.9676	7.8920
Stddev	.772	.022	.085	.0229	.0320
%RSD	.90411	.06918	.41506	.38384	.40504

#1	84.743	31.480	20.525	5.9689	7.9139
#2	86.208	31.507	20.540	5.9898	7.9069
#3	85.057	31.464	20.386	5.9441	7.8554

Int. Std.	Y_3710
Units	Cts/S
Avg	6751.1
Stddev	25.3
%RSD	.37476

#1	6733.7
#2	6739.6
#3	6780.2

Sample Name: ICV Acquired: 9/5/2017 11:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.9574814	1.078819	1.014450	1.004457	.9473353	2.331241
Stddev	.0079629	.001871	.002077	.002494	.0035523	.020191
%RSD	.8316538	.1734394	.2046928	.2483342	.3749791	.8660963

#1	.9652367	1.076862	1.014182	1.006301	.9501975	2.314334
#2	.9493259	1.079004	1.016648	1.001619	.9433597	2.353597
#3	.9578817	1.080591	1.012521	1.005450	.9484489	2.325792

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913635	.4760056	.4786480	9.453236	.4960563	.4815554
Stddev	.0035762	.0036211	.0011349	.091910	.0041136	.0010050
%RSD	.7278097	.7607289	.2371105	.9722616	.8292604	.2087046

#1	.4879205	.4718243	.4774410	9.347971	.4927489	.4813950
#2	.4950594	.4781015	.4788095	9.517575	.4947575	.4806403
#3	.4911106	.4780909	.4796935	9.494161	.5006625	.4826311

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4767110	5.350250	.5055135	6.048630	.4982244	.4683560
Stddev	.0043805	.032712	.0043105	.032626	.0011597	.0027784
%RSD	.9189077	.6114118	.8527034	.5393995	.2327692	.5932298

#1	.4734448	5.318220	.5015271	6.011413	.4969343	.4651496
#2	.4816890	5.383604	.5100878	6.072307	.4985584	.4700538
#3	.4749993	5.348927	.5049255	6.062168	.4991805	.4698645

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.318803	.5183546	.9717592	9.083087	F -.004098	F -.010927
Stddev	.093010	.0082306	.0074936	.072167	.000120	.001045
%RSD	.9980872	1.587825	.7711421	.7945237	2.937909	9.560365

#1	9.231492	.5090109	.9644204	9.015505	-.003962	-.010215
#2	9.416620	.5215220	.9714586	9.159099	-.004193	-.010441
#3	9.308297	.5245310	.9793986	9.074657	-.004138	-.012127

Sample Name: ICV Acquired: 9/5/2017 11:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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 .0001307	-.009054	.0016349	F -.000321	.0001235	.0003326
Stddev	.0003291	.004003	.0004432	.000288	.0004710	.0000201
%RSD	251.7177	44.21300	27.10953	89.57844	381.4046	6.034406

#1	-.000129	-.005700	.0012467	-.000026	.0006400	.0003163
#2	.000020	-.013486	.0021178	-.000601	.0000125	.0003550
#3	.000501	-.007977	.0015401	-.000336	-.000282	.0003266

Elem	Sr4077
Units	ppm
Avg	.0015006
Stddev	.0000163
%RSD	1.084184

#1	.0014880
#2	.0015189
#3	.0014947

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	712.7309	1286.092	32238.42	7937.148	2659.121
Stddev	4.4500	4.507	169.28	59.935	6.383
%RSD	.6243649	.3504161	.5250945	.7551170	.2400599

#1	717.7208	1280.924	32431.97	7970.924	2651.793
#2	709.1736	1288.146	32118.01	7867.948	2662.093
#3	711.2982	1289.205	32165.26	7972.571	2663.476

Sample Name: ICB Acquired: 9/5/2017 11:39:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	-.001539	.0014893	-.002368	-.003001	-.001151	.0005207	-.002341
Stddev	.002718	.0033367	.000708	.000795	.000475	.0050502	.000264
%RSD	176.5910	224.0453	29.90124	26.47919	41.25722	969.9070	11.26498

#1	.001318	-.000002	-.002994	-.003499	-.000928	.0063431	-.002646
#2	-.004094	.005312	-.002510	-.003419	-.001696	-.002671	-.002191
#3	-.001842	-.000841	-.001599	-.002084	-.000828	-.002110	-.002187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000190	-.000058	-.000283	-.000607	.0003195	.0016343	.0022539
Stddev	.000129	.000125	.010579	.000571	.0002581	.0001195	.0039113
%RSD	67.70417	216.1685	3740.267	94.15935	80.80277	7.314642	173.5332

#1	-.000290	-.000133	.009771	-.000631	.0001694	.0017657	-.002119
#2	-.000045	.000087	.000698	-.000024	.0001714	.0016051	.003462
#3	-.000237	-.000128	-.011318	-.001166	.0006175	.0015321	.005419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.018997	-.000058	-.000008	-.077699	-.000945	.0003950
Stddev	.000095	.012422	.000178	.000141	.065347	.001900	.0012147
%RSD	287.6455	65.38799	306.8896	1828.861	84.10216	200.9857	307.4950

#1	.000067	-.029729	-.000201	-.000080	-.014728	-.000876	.0013068
#2	-.000044	-.005390	-.000115	-.000098	-.145187	.000919	.0008621
#3	-.000123	-.021871	.000142	.000155	-.073182	-.002878	-.000984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085889	.0003329	-.000012	-.000020	-.005140	-.000022	.0000368
Stddev	.007672	.0004044	.000098	.000433	.002466	.000872	.0010121
%RSD	8.932238	121.5029	839.8830	2165.158	47.98738	4041.301	2752.357

#1	-.094747	.0004355	-.000055	-.000430	-.002293	-.000657	-.000857
#2	-.081389	-.000113	-.000081	-.000062	-.006634	.000972	-.000168
#3	-.081530	.000676	.000101	.000432	-.006492	-.000380	.001136

Sample Name: ICB Acquired: 9/5/2017 11:39:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	-.000090	.0001092	.0000702
Stddev	.000593	.0000191	.0000001
%RSD	658.2200	17.48782	.1889426

#1	.000486	.0000916	.0000700
#2	-.000699	.0001065	.0000702
#3	-.000057	.0001295	.0000703

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	709.5018	1273.139	32560.87	7814.984	2749.388
Stddev	11.0864	5.056	312.93	33.814	19.008
%RSD	1.562566	.3971558	.9610473	.4326762	.6913512

#1	697.2200	1273.208	32199.57	7779.361	2757.382
#2	712.5158	1278.160	32745.93	7818.954	2763.093
#3	718.7696	1268.048	32737.10	7846.637	2727.689

Sample Name: ICSA Acquired: 9/5/2017 11:43:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.0036426	-.023295	-.001964	-.012540	.0016470	246.4085
Stddev	.0052356	.001607	.003495	.002708	.0037469	.4015
%RSD	143.7334	6.900020	177.9636	21.59078	227.4995	.1629426

#1	.0064368	-.024179	-.003687	-.009692	-.001355	246.6841
#2	-.002397	-.021440	.002058	-.015081	.005846	245.9478
#3	.006888	-.024267	-.004262	-.012848	.000450	246.5935

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023023	.0009453	.0029400	247.4814	.0427476	-.000483
Stddev	.0006373	.0001535	.0001700	1.2002	.0005176	.000501
%RSD	27.68099	16.24157	5.782708	.4849544	1.210869	103.7478

#1	.0016692	.0008034	.0029661	246.5815	.0424615	-.000009
#2	.0029437	.0009242	.0030954	247.0187	.0424363	-.001007
#3	.0022939	.0011083	.0027584	248.8441	.0433451	-.000432

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232641	107.7938	.0156549	275.3916	-.000194	.0022809
Stddev	.0001530	.3991	.0005824	1.2797	.001220	.0002216
%RSD	.6578112	.3702536	3.720173	.4647018	629.6860	9.713899

#1	.0231067	107.5641	.0163011	275.0936	-.001126	.0024929
#2	.0232730	107.5627	.0151706	274.2871	-.000644	.0020509
#3	.0234124	108.2547	.0154931	276.7940	.001188	.0022988

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3534166	.0008386	.0036785	-.131627	-.017089	F -.316001
Stddev	.0610483	.0018645	.0035518	.021063	.000666	.002785
%RSD	17.27376	222.3257	96.55330	16.00227	3.895178	.8813736

#1	.2866037	.0003503	.0076565	-.117183	-.017855	-.318217
#2	.3673570	-.000733	.0025539	-.121901	-.016759	-.312874
#3	.4062890	.002899	.0008253	-.155795	-.016652	-.316911

Sample Name: ICSA Acquired: 9/5/2017 11:43:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	-.000393	.0145829	-.002133	-.002035	.0000550	.0005565
Stddev	.000655	.0074212	.000608	.002197	.0003828	.0000272
%RSD	166.5815	50.88940	28.48625	107.9803	696.1914	4.881137

#1	-.000880	.0230673	-.002526	.000153	.0004952	.0005287
#2	.000351	.0113828	-.001433	-.002016	-.000200	.0005829
#3	-.000651	.0092987	-.002440	-.004242	-.000130	.0005577

Elem	Sr4077
Units	ppm
Avg	.0127969
Stddev	.0000286
%RSD	.2232101

#1	.0128260
#2	.0127958
#3	.0127689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	637.9700	1130.036	28848.74	7201.878	2090.814
Stddev	7.9788	11.706	198.84	20.023	13.185
%RSD	1.250655	1.035892	.6892415	.2780184	.6306239

#1	633.2760	1122.325	28689.04	7178.775	2080.206
#2	633.4516	1143.506	28785.72	7214.211	2105.575
#3	647.1826	1124.278	29071.45	7212.647	2086.660

Sample Name: ICSAB Acquired: 9/5/2017 11:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.1062681	.0919414	.0491340	.0433197	.5955084	253.1128
Stddev	.0071952	.0021752	.0033537	.0071932	.0027891	.3101
%RSD	6.770794	2.365811	6.825701	16.60488	.4683641	.1225156

#1	.0983381	.0936539	.0478167	.0510760	.5937623	253.2414
#2	.1080864	.0894940	.0466388	.0420147	.5987251	252.7591
#3	.1123796	.0926763	.0529463	.0368683	.5940377	253.3380

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253809	.5200014	1.023632	254.6135	.5282526	.5134390
Stddev	.0019960	.0021273	.003749	.5551	.0040211	.0018093
%RSD	.3799209	.4090988	.3661992	.2180318	.7612003	.3523928

#1	.5276004	.5176632	1.021963	254.1511	.5240629	.5125778
#2	.5248094	.5218227	1.021008	254.4603	.5286146	.5122211
#3	.5237330	.5205181	1.027925	255.2292	.5320805	.5155180

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5460298	110.1661	.5404970	283.4493	1.038864	.2114979
Stddev	.0029438	.2117	.0014984	.6548	.005486	.0005961
%RSD	.5391263	.1921970	.2772312	.2310130	.5280787	.2818527

#1	.5494258	110.0482	.5389728	283.4278	1.036178	.2108644
#2	.5444597	110.0396	.5419683	282.8055	1.035240	.2115813
#3	.5442039	110.4106	.5405500	284.1146	1.045176	.2120479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3711245	.5452750	1.045303	-.261293	-.022360	F -.325541
Stddev	.0714865	.0049738	.005864	.018236	.000424	.003871
%RSD	19.26212	.9121649	.5610222	6.979338	1.895689	1.189010

#1	.4169549	.5489534	1.039915	-.246195	-.021872	-.329646
#2	.2887535	.5396160	1.051549	-.281554	-.022645	-.321958
#3	.4076651	.5472555	1.044443	-.256129	-.022562	-.325017

Sample Name: ICSAB Acquired: 9/5/2017 11:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	-.001062	.0049584	-.002768	.0011910	.0009278	.0004647
Stddev	.000289	.0037851	.000622	.0005944	.0003418	.0000037
%RSD	27.23493	76.33685	22.47623	49.91044	36.83631	.7970748

#1	-.001364	.0066509	-.002761	.0007668	.0009918	.0004689
#2	-.000788	.0006224	-.002149	.0018705	.0012331	.0004619
#3	-.001033	.0076020	-.003394	.0009358	.0005586	.0004633

Elem	Sr4077
Units	ppm
Avg	.0130410
Stddev	.0000229
%RSD	.1756588

#1	.0130485
#2	.0130592
#3	.0130153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	630.6722	1120.580	28545.31	7100.044	2061.771
Stddev	5.4698	1.929	62.41	22.033	4.543
%RSD	.8673000	.1721444	.2186241	.3103269	.2203462

#1	626.6839	1121.183	28529.08	7080.291	2063.847
#2	628.4250	1122.136	28614.23	7096.033	2064.906
#3	636.9077	1118.421	28492.62	7123.807	2056.561

Sample Name: CCV053 Acquired: 9/5/2017 12:14:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.177122	4.826805	24.65188	5.269865	5.097583	370.4436
Stddev	.008581	.027176	.01240	.025672	.018087	3.2996
%RSD	.1657553	.5630258	.0503039	.4871515	.3548117	.8907197

#1	5.168309	4.830496	24.66616	5.298884	5.118461	369.0989
#2	5.185451	4.851947	24.64562	5.250112	5.087600	374.2032
#3	5.177606	4.797972	24.64386	5.260599	5.086688	368.0286

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08005	.5265816	2.530485	370.1213	14.72494	2.519327
Stddev	.00934	.0031732	.002750	.9585	.04792	.001648
%RSD	.0926374	.6026016	.1086839	.2589728	.3254009	.0653978

#1	10.07911	.5289015	2.527953	369.2697	14.78025	2.521189
#2	10.07122	.5278778	2.530092	371.1593	14.69858	2.518057
#3	10.08983	.5229655	2.533411	369.9348	14.69599	2.518736

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.88348	381.8595	14.69866	402.7523	2.511717	1.301895
Stddev	.02495	1.3620	.02305	1.0389	.008356	.002251
%RSD	.1570871	.3566658	.1567881	.2579388	.3326613	.1728966

#1	15.90306	381.0135	14.67942	402.0932	2.510873	1.304350
#2	15.89200	383.4306	14.72420	403.9499	2.503815	1.301407
#3	15.85539	381.1344	14.69237	402.2139	2.520462	1.299929

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	369.8423	2.579049	15.44785	153.9521	5.461729	F 4.477249
Stddev	.6526	.008746	.14477	.1992	.035007	.032539
%RSD	.1764660	.3391070	.9371438	.1294087	.6409425	.7267718

#1	369.7163	2.574050	15.28266	153.9470	5.450661	4.478586
#2	370.5487	2.589147	15.50827	154.1538	5.500932	4.509099
#3	369.2618	2.573948	15.55263	153.7555	5.433595	4.444061

Sample Name: CCV053 Acquired: 9/5/2017 12:14:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.186148	5.242467	5.060253	5.059504	5.123737	5.425964
Stddev	.013562	.004709	.040041	.004769	.012255	.048906
%RSD	.2615111	.0898329	.7912932	.0942599	.2391749	.9013333

#1	5.192830	5.246550	5.081215	5.064808	5.112539	5.470299
#2	5.170541	5.243537	5.085461	5.055570	5.136828	5.373505
#3	5.195073	5.237315	5.014082	5.058134	5.121845	5.434087

Elem	Sr4077
Units	ppm
Avg	5.031943
Stddev	.032119
%RSD	.6382928

#1	5.035029
#2	5.062406
#3	4.998392

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	558.6938	1004.503	26779.00	6938.073	1761.469
Stddev	4.9101	2.900	53.60	33.575	3.091
%RSD	.8788561	.2886871	.2001424	.4839199	.1754550

#1	564.3602	1001.828	26834.45	6930.089	1758.077
#2	555.6917	1007.585	26727.48	6909.209	1762.203
#3	556.0296	1004.097	26775.07	6974.919	1764.126

Sample Name: CCB053 Acquired: 9/5/2017 12:18:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001169	.0001247	-.000209	-.000218	.0000907	.0012667	-.002607
Stddev	.000632	.0018896	.001575	.000635	.0004164	.0034387	.000246
%RSD	54.08672	1515.576	752.6768	290.8355	459.2469	271.4599	9.419946

#1	-.001431	-.000241	-.001623	.000463	.0003804	.0000149	-.002516
#2	-.001629	.002171	-.000493	-.000326	-.000387	.0051560	-.002421
#3	-.000448	-.001555	.001488	-.000792	.000278	-.001371	-.002886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000154	.0000198	.0021319	-.000099	.0002982	.0002517	.0000190
Stddev	.000055	.0000659	.0062213	.000623	.0001821	.0002982	.0042971
%RSD	35.47864	332.1709	291.8215	627.7458	61.07213	118.4939	22611.42

#1	-.000139	.0000636	.0092033	-.000753	.0002166	.0000391	-.003839
#2	-.000109	-.000056	-.002500	.000488	.0001711	.0001233	-.000754
#3	-.000215	.000052	-.000308	-.000032	.0005068	.0005926	.004650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000048	-.006121	-.000210	.0000398	-.044896	.0002591	-.001321
Stddev	.0002426	.015396	.000243	.0002186	.075006	.0007992	.003101
%RSD	5038.580	251.5497	115.7369	548.8287	167.0653	308.4725	234.6376

#1	-.000234	.010022	-.000176	-.000163	-.045857	-.000664	.001418
#2	.000251	-.020643	-.000468	.000271	.030585	.000730	-.000695
#3	-.000002	-.007741	.000014	.000011	-.119418	.000711	-.004687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.104285	.0000332	.0092351	.0007850	-.005627	-.001147	-.000728
Stddev	.029677	.0001390	.0009871	.0002900	.002474	.000527	.001137
%RSD	28.45785	418.4849	10.68818	36.94110	43.96269	45.93015	156.2804

#1	-.102321	-.000025	.0092199	.0010668	-.005758	-.001708	.000539
#2	-.075638	-.000067	.0082557	.0004875	-.003090	-.000663	-.001062
#3	-.134895	.000192	.0102297	.0008007	-.008033	-.001071	-.001661

Sample Name: CCB053 Acquired: 9/5/2017 12:18:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004597	.0006259	.0000878
Stddev	.0002656	.0000056	.0000026
%RSD	57.77618	.9017937	2.962930

#1	.0002426	.0006323	.0000904
#2	.0007559	.0006236	.0000879
#3	.0003808	.0006217	.0000852

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	734.3275	1308.839	33294.93	7872.604	2819.662
Stddev	6.7597	9.805	73.11	29.319	10.841
%RSD	.9205231	.7491357	.2195864	.3724133	.3844688

#1	726.9778	1297.672	33213.54	7839.873	2807.307
#2	735.7268	1316.041	33316.23	7881.481	2827.581
#3	740.2781	1312.804	33355.03	7896.459	2824.098

Sample Name: I5040-18 Acquired: 9/5/2017 12:23:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.50922	-.007385	31.86498	2.124683	-.004745	.5555535
Stddev	.20497	.005371	.02346	.018617	.003181	.0038534
%RSD	.9529340	72.73393	.0736317	.8762414	67.04873	.6936158

#1	21.43910	-.007203	31.87606	2.113634	-.007688	.5563546
#2	21.34852	-.012844	31.83803	2.114237	-.005176	.5513625
#3	21.74005	-.002107	31.88085	2.146177	-.001370	.5589433

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.0004544	F 7.067359	4.966593	12.40391	-.212731
Stddev	-----	.0002511	.018250	.031131	.09037	.000938
%RSD	-----	55.25689	.2582306	.6267991	.7285976	.4409918

#1	^ -----	.0003223	7.086998	4.999663	12.43634	-.213216
#2	^ -----	.0007440	7.064157	4.962259	12.47360	-.213328
#3	^ -----	.0002970	7.050922	4.937856	12.30179	-.211650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036324	.0488722	.0151728	1.042611	.0010161	F 10.41253
Stddev	.0001169	.0069943	.0001529	.022521	.0003498	.25363
%RSD	3.218707	14.31139	1.007858	2.160076	34.42839	2.435853

#1	.0036503	.0510579	.0150945	1.019404	.0006321	10.63678
#2	.0037393	.0545127	.0153490	1.044053	.0010994	10.46354
#3	.0035076	.0410461	.0150750	1.064377	.0013168	10.13726

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1522.035	.0082255	.3011644	.1383150	.0007265	.1275920
Stddev	3.590	.0012245	.0126201	.0072577	.0001505	.0017835
%RSD	.2358468	14.88709	4.190439	5.247233	20.71725	1.397786

#1	1520.624	.0091703	.3088858	.1299763	.0006037	.1289249
#2	1519.365	.0086643	.3080065	.1417612	.0006815	.1282851
#3	1526.116	.0068421	.2866008	.1432076	.0008944	.1255660

Sample Name: I5040-18 Acquired: 9/5/2017 12:23:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010133	.1914520	.6029327	.0190958	.0005283	-.000011
Stddev	.0002372	.0063782	.0173582	.0028987	.0005831	.000015
%RSD	23.41399	3.331466	2.878962	15.18007	110.3637	127.8913

#1	.0010579	.1851193	.6009606	.0175075	.0010252	-.000001
#2	.0012250	.1978747	.6211928	.0173383	-.000114	-.000028
#3	.0007568	.1913620	.5866448	.0224416	.000673	-.000005

Elem	Sr4077
Units	ppm
Avg	.0964157
Stddev	.0000305
%RSD	.0316288

#1	.0963833
#2	.0964200
#3	.0964439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	550.6449	967.0091	25879.41	7397.240	1807.348
Stddev	4.2439	8.5855	112.50	32.363	7.686
%RSD	.7707148	.8878401	.4347073	.4375054	.4252847

#1	550.6080	973.8048	25946.61	7433.821	1814.119
#2	554.9071	969.8622	25942.07	7385.564	1808.931
#3	546.4195	957.3603	25749.53	7372.335	1798.993

Sample Name: I5040-19 Acquired: 9/5/2017 12:27:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.28598	-.006317	31.94540	2.344588	-.005678	.5553549
Stddev	.38499	.002571	.42251	.039701	.003383	.0051162
%RSD	1.653325	40.69476	1.322591	1.693313	59.57127	.9212494

#1	23.72886	-.008482	32.39422	2.390428	-.002448	.5539501
#2	23.09783	-.006992	31.88663	2.322130	-.005393	.5510878
#3	23.03124	-.003476	31.55536	2.321207	-.009195	.5610267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.0005361	F 7.091000	5.002617	13.21700	-.216402
Stddev	-----	.0001117	.088423	.057711	.07650	.002647
%RSD	-----	20.83777	1.246980	1.153613	.5787730	1.223058

#1	^ -----	.0004589	7.177668	5.012419	13.29551	-.218697
#2	^ -----	.0004853	7.094412	4.940633	13.14269	-.217003
#3	^ -----	.0006642	7.000920	5.054799	13.21282	-.213507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048315	.0495486	.0145486	1.058539	.0008533	F 10.13665
Stddev	.0008691	.0042128	.0002252	.025909	.0012737	.08527
%RSD	17.98924	8.502259	1.548137	2.447601	149.2633	.8411876

#1	.0053758	.0469738	.0146151	1.063694	.0005254	10.14187
#2	.0038291	.0544102	.0147332	1.030441	.0022589	10.04889
#3	.0052896	.0472618	.0142977	1.081483	-.000224	10.21919

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1534.746	.0106495	.3527911	.2295096	.0005875	.1385143
Stddev	7.182	.0013135	.0057622	.0247398	.0006358	.0036177
%RSD	.4679418	12.33392	1.633310	10.77942	108.2224	2.611776

#1	1538.175	.0115898	.3525594	.2362418	-.000107	.1426644
#2	1526.492	.0112099	.3586656	.2021005	.001141	.1360272
#3	1539.570	.0091487	.3471482	.2501866	.000728	.1368511

Sample Name: I5040-19 Acquired: 9/5/2017 12:27:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009815	.1944938	.6415684	.0222779	.0007507	.0000293
Stddev	.0002480	.0071715	.0151740	.0005425	.0003440	.0000119
%RSD	25.27034	3.687271	2.365147	2.435031	45.83200	40.46976

#1	.0011387	.1876217	.6590818	.0226660	.0009423	.0000175
#2	.0011103	.2019312	.6332725	.0216580	.0009563	.0000412
#3	.0006956	.1939284	.6323509	.0225097	.0003535	.0000293

Elem	Sr4077
Units	ppm
Avg	.0969599
Stddev	.0006408
%RSD	.6609064

#1	.0972764
#2	.0962224
#3	.0973809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	535.4525	949.6844	25307.35	7258.465	1779.539
Stddev	2.7726	13.9284	131.93	21.848	20.427
%RSD	.5177984	1.466639	.5213262	.3009952	1.147866

#1	533.7456	933.6167	25198.33	7256.338	1756.583
#2	538.6516	957.1063	25454.02	7281.298	1786.323
#3	533.9603	958.3301	25269.70	7237.758	1795.710

Sample Name: PB102059BL Acquired: 9/5/2017 12:44:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023161	.0000928	.0082230	-.000114	-.000950	-.002730
Stddev	.0030456	.0008683	.0028036	.001542	.000524	.001882
%RSD	131.4965	935.1710	34.09508	1347.348	55.12919	68.93316

#1	.0045640	.0010811	.0097892	.001586	-.001495	-.003437
#2	.0035344	-.000548	.0098935	-.000507	-.000450	-.000597
#3	-.001150	-.000255	.0049862	-.001423	-.000905	-.004156

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024612	-.000165	.0003020	-.001621	.0084414	.0004904
Stddev	.0003055	.000124	.0001272	.012466	.0007760	.0000381
%RSD	12.41353	75.07552	42.12367	769.1357	9.192401	7.780479

#1	.0025834	-.000166	.0002139	-.002590	.0092376	.0004464
#2	.0021135	-.000288	.0004478	-.013574	.0083995	.0005092
#3	.0026867	-.000041	.0002443	.011302	.0076873	.0005154

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016365	.0022566	.0001680	-.014042	-.000140	F 1.278129
Stddev	.0001126	.0066419	.0003063	.010642	.000379	.275513
%RSD	6.877440	294.3343	182.2923	75.78676	271.3248	21.55596

#1	.0015321	-.005070	.0003467	-.025874	-.000268	1.555131
#2	.0016217	.007883	-.000186	-.010997	.000287	1.275124
#3	.0017558	.003957	.000343	-.005254	-.000438	1.004130

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074671	.0001476	-.001208	-.134070	.0000593	-.002911
Stddev	.056618	.0024052	.002498	.016593	.0004617	.000502
%RSD	75.82330	1629.923	206.8889	12.37655	778.4453	17.23686

#1	-.014328	-.001646	-.001360	-.132131	-.000375	-.003330
#2	-.083057	-.000792	-.003626	-.118531	.000544	-.002355
#3	-.126628	.002881	.001363	-.151547	.000009	-.003048

Sample Name: PB102059BL Acquired: 9/5/2017 12:44:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001944	-.001721	-.001579	.0003239	.0007030	.0004171
Stddev	.0003212	.001178	.001182	.0008314	.0005705	.0000359
%RSD	165.2923	68.43658	74.89780	256.6936	81.14647	8.600162

#1	.0002314	-.003032	-.000308	.0010462	.0013614	.0004575
#2	-.000144	-.001379	-.001782	.0005105	.0003568	.0004047
#3	.000495	-.000752	-.002646	-.000585	.0003908	.0003891

Elem	Sr4077
Units	ppm
Avg	.0000722
Stddev	.0000011
%RSD	1.580821

#1	.0000733
#2	.0000710
#3	.0000724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	720.5479	1286.090	33079.74	7892.351	2801.656
Stddev	5.1103	17.754	125.91	79.751	31.192
%RSD	.7092227	1.380454	.3806293	1.010482	1.113359

#1	714.9872	1275.605	33045.79	7839.225	2781.082
#2	725.0382	1276.076	32974.28	7853.773	2786.340
#3	721.6183	1306.588	33219.14	7984.056	2837.545

Sample Name: I5099-01 Acquired: 9/5/2017 12:52:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199031	-.016964	.3219125	-.000832	.0026256	72.94592	.2677304
Stddev	.0063952	.003894	.0012577	.002257	.0008027	.11173	.0010314
%RSD	5.333665	22.95583	.3906948	271.1759	30.57274	.1531675	.3852570

#1	.1250355	-.016437	.3233071	-.000823	.0033984	73.07149	.2688660
#2	.1127388	-.021094	.3208644	-.003094	.0017960	72.90874	.2674735
#3	.1219351	-.013360	.3215659	.001420	.0026824	72.85751	.2668517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036238	.0029261	7.147555	.0958866	.0291278	.1613416	107.8046
Stddev	.0001777	.0001085	.037444	.0007237	.0004094	.0020309	.1865
%RSD	4.904694	3.709304	.5238668	.7547603	1.405499	1.258731	.1729843

#1	.0034388	.0029701	7.114164	.0953870	.0294378	.1636541	107.5906
#2	.0036394	.0028025	7.188037	.0967165	.0286638	.1598482	107.8903
#3	.0037933	.0030057	7.140462	.0955562	.0292820	.1605224	107.9327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.406603	11.42183	.0622353	.0051174	.8545348	.1709220	.2899215
Stddev	.002040	.09278	.0002319	.0003239	.0622089	.0019248	.0060706
%RSD	.1450100	.8123057	.3725471	6.328668	7.279856	1.126132	2.093876

#1	1.404358	11.50705	.0619871	.0054191	.9247399	.1719968	.2830611
#2	1.408341	11.43546	.0622724	.0051579	.8325997	.1720693	.2921052
#3	1.407110	11.32299	.0624463	.0047752	.8062648	.1686998	.2945982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.506047	.5508581	-.305042	.0020053	1.523164	5.119146	.0125295
Stddev	.039589	.0029550	.001641	.0005273	.002426	.143046	.0022338
%RSD	1.579723	.5364344	.5380903	26.29764	.1592760	2.794330	17.82868

#1	2.551758	.5481131	-.304984	.0016554	1.525508	4.955124	.0138070
#2	2.483590	.5504753	-.306712	.0026118	1.520663	5.218026	.0099501
#3	2.482794	.5539858	-.303431	.0017487	1.523322	5.184289	.0138314

Sample Name: I5099-01 Acquired: 9/5/2017 12:52:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.587118	.0060649	.0060314
Stddev	.011009	.0000466	.0000123
%RSD	.6936716	.7690094	.2030577

#1	1.597154	.0060692	.0060173
#2	1.575342	.0061093	.0060396
#3	1.588858	.0060163	.0060374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	728.3834	1285.264	33972.24	8189.771	2521.403
Stddev	1.5440	4.789	91.34	24.347	4.919
%RSD	.2119709	.3725949	.2688678	.2972848	.1950720

#1	729.8017	1282.932	34063.52	8162.297	2520.795
#2	728.6097	1290.772	33880.84	8198.348	2526.597
#3	726.7387	1282.088	33972.35	8208.670	2516.817

Sample Name: I5099-02 Acquired: 9/5/2017 12:56:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1220636	-.018400	.3254731	-.002082	.0010264	73.63060	.2687082
Stddev	.0037139	.001696	.0015885	.005407	.0007572	.42294	.0012046
%RSD	3.042619	9.219188	.4880659	259.6249	73.76478	.5744030	.4482904

#1	.1183927	-.018576	.3237004	.003236	.0018885	74.03480	.2696730
#2	.1258191	-.020001	.3267676	-.007573	.0004692	73.66587	.2690934
#3	.1219790	-.016622	.3259513	-.001911	.0007217	73.19114	.2673581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037165	.0030634	7.369277	.0981801	.0294348	.1626921	109.3847
Stddev	.0001447	.0001421	.077304	.0010970	.0006903	.0013207	.1665
%RSD	3.894357	4.639382	1.048998	1.117374	2.345031	.8117738	.1522311

#1	.0035500	.0029434	7.313818	.0970739	.0301734	.1638777	109.4420
#2	.0038123	.0032203	7.336434	.0981985	.0293249	.1629298	109.5151
#3	.0037872	.0030266	7.457579	.0992678	.0288061	.1612687	109.1971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417575	11.55477	.0632994	.0037939	.7765769	.1733578	.2871368
Stddev	.007620	.03393	.0008795	.0001059	.0373498	.0003267	.0028559
%RSD	.5375580	.2936501	1.389347	2.790511	4.809538	.1884581	.9945999

#1	1.409319	11.58856	.0637502	.0039021	.7624402	.1729882	.2869371
#2	1.419068	11.55507	.0622860	.0037891	.8189315	.1736081	.2843861
#3	1.424339	11.52070	.0638622	.0036905	.7483591	.1734772	.2900873

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.503414	.5490702	-.308040	.0022624	1.527729	5.010685	.0114180
Stddev	.066162	.0038875	.002309	.0002248	.022233	.085648	.0004096
%RSD	2.642886	.7080054	.7496183	9.935074	1.455283	1.709303	3.587028

#1	2.579405	.5457467	-.307184	.0020136	1.510222	4.934733	.0115515
#2	2.458601	.5481189	-.310654	.0024509	1.520220	5.103515	.0109583
#3	2.472236	.5533450	-.306280	.0023227	1.552743	4.993807	.0117442

Sample Name: I5099-02 Acquired: 9/5/2017 12:56:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDZS5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.608716	.0060492	.0060697
Stddev	.008387	.0001514	.0000194
%RSD	.5213588	2.502864	.3203034

#1	1.599452	.0061542	.0060895
#2	1.610900	.0061176	.0060507
#3	1.615794	.0058756	.0060690

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	717.5500	1268.697	33492.23	8090.831	2491.808
Stddev	6.2389	6.719	79.99	30.420	10.425
%RSD	.8694681	.5295727	.2388416	.3759786	.4183616

#1	712.4301	1261.064	33492.43	8061.671	2479.805
#2	724.4989	1273.714	33572.13	8088.451	2498.590
#3	715.7210	1271.313	33412.14	8122.371	2497.031

Sample Name: I5099-03 Acquired: 9/5/2017 13:00:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1942039	.0969606	.3624629	.0911538	.0447781	79.64132	4.226830
Stddev	.0032781	.0032918	.0029333	.0014129	.0010012	.52461	.017937
%RSD	1.687987	3.394952	.8092792	1.549973	2.235876	.6587161	.4243547

#1	.1908976	.0931659	.3646424	.0898606	.0441955	80.24012	4.246800
#2	.1942612	.0986685	.3591277	.0909392	.0442046	79.42131	4.221601
#3	.1974531	.0990474	.3636185	.0926618	.0459341	79.26255	4.212089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927332	.0950825	6.521501	.4718762	.9943013	.6323996	110.8322
Stddev	.0007926	.0005816	.097439	.0043631	.0019890	.0051195	.5317
%RSD	.8546607	.6116423	1.494126	.9246246	.2000444	.8095379	.4797253

#1	.0935747	.0944178	6.436407	.4766085	.9947157	.6375774	111.0768
#2	.0926239	.0953322	6.500300	.4680132	.9921377	.6322811	110.2223
#3	.0920009	.0954975	6.627795	.4710069	.9960505	.6273405	111.1977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.345587	11.82019	1.039419	.0433334	.8268640	1.177513	1.155034
Stddev	.010265	.05615	.000522	.0003560	.0245167	.001998	.010540
%RSD	.4376451	.4750199	.0501957	.8215520	2.965027	.1696766	.9125617

#1	2.335395	11.85372	1.038842	.0436826	.8538039	1.176878	1.146622
#2	2.345440	11.85148	1.039857	.0433467	.8209271	1.175910	1.151621
#3	2.355925	11.75537	1.039560	.0429710	.8058608	1.179752	1.166858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.547117	.5039360	-.309358	.0020465	1.437808	4.415028	.0139129
Stddev	.059185	.0015198	.000953	.0003599	.002900	.026386	.0022699
%RSD	2.323627	.3015862	.3081610	17.58695	.2016622	.5976362	16.31537

#1	2.610979	.5033023	-.310336	.0016743	1.434788	4.423059	.0165237
#2	2.536259	.5056701	-.308431	.0020725	1.438066	4.436465	.0124064
#3	2.494112	.5028356	-.309307	.0023928	1.440570	4.385560	.0128086

Sample Name: I5099-03 Acquired: 9/5/2017 13:00:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.618053	.0062275	.0060110
Stddev	.008217	.0001262	.0000177
%RSD	.5078103	2.026888	.2944534

#1	1.623225	.0063611	.0060302
#2	1.608578	.0062113	.0060076
#3	1.622354	.0061102	.0059952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	707.8360	1256.154	33251.10	8086.232	2475.804
Stddev	4.4903	8.147	60.18	42.406	10.192
%RSD	.6343741	.6485347	.1809866	.5244187	.4116558

#1	712.9853	1246.755	33263.28	8048.278	2464.047
#2	704.7356	1261.192	33304.26	8078.417	2482.129
#3	705.7871	1260.515	33185.76	8132.002	2481.236

Sample Name: I5099-01LX5 Acquired: 9/5/2017 13:04:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270435	-.003789	.0701846	-.000965	-.001243	15.32797	.0539646
Stddev	.0013541	.000847	.0021479	.001168	.001025	.03588	.0005141
%RSD	5.007140	22.36182	3.060319	121.0466	82.46737	.2340789	.9526439

#1	.0276609	-.004696	.0701159	-.000359	-.000549	15.28741	.0542727
#2	.0254907	-.003019	.0723660	-.000224	-.002421	15.34091	.0542499
#3	.0279788	-.003651	.0680719	-.002312	-.000760	15.35558	.0533711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006195	.0005272	1.610828	.0204328	.0061215	.0343613	23.39172
Stddev	.0000981	.0001734	.010469	.0010927	.0001864	.0010088	.07740
%RSD	15.83042	32.89649	.6498960	5.347794	3.044933	2.935935	.3308665

#1	.0006437	.0003584	1.608276	.0208997	.0059218	.0354699	23.30256
#2	.0005117	.0005184	1.622337	.0191842	.0061518	.0341169	23.43104
#3	.0007033	.0007049	1.601871	.0212145	.0062909	.0334971	23.44156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3034246	2.448098	.0126791	.0009973	.0775892	.0372805	.0585417
Stddev	.0014274	.003847	.0007618	.0001805	.0430662	.0026673	.0011402
%RSD	.4704297	.1571326	6.008163	18.09983	55.50540	7.154801	1.947655

#1	.3028125	2.444488	.0118656	.0008124	.0604377	.0342475	.0576639
#2	.3050560	2.447663	.0133756	.0011731	.1265885	.0383326	.0598304
#3	.3024053	2.452144	.0127962	.0010064	.0457413	.0392613	.0581309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3946149	.1126294	-.068947	.0003122	.3203851	1.094040	.0033375
Stddev	.0176198	.0007630	.001308	.0003253	.0067697	.037462	.0001010
%RSD	4.465055	.6774514	1.896991	104.2177	2.112989	3.424172	3.025520

#1	.3842900	.1122170	-.067474	.0006834	.3207913	1.077499	.0032254
#2	.4149597	.1121614	-.069395	.0000768	.3269425	1.067695	.0034213
#3	.3845949	.1135099	-.069972	.0001762	.3134214	1.136925	.0033659

Sample Name: I5099-01LX5 Acquired: 9/5/2017 13:04:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDZS5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3353210	.0012483	.0013247
Stddev	.0034108	.0000256	.0000021
%RSD	1.017170	2.049586	.1606811

#1	.3324941	.0012275	.0013226
#2	.3391093	.0012769	.0013269
#3	.3343595	.0012404	.0013246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	731.9253	1296.292	33534.03	7963.790	2722.779
Stddev	2.7958	.675	63.97	16.935	2.136
%RSD	.3819790	.0520774	.1907500	.2126553	.0784566

#1	729.0518	1296.246	33464.99	7961.879	2724.813
#2	732.0877	1295.641	33591.28	7947.892	2720.553
#3	734.6363	1296.988	33545.82	7981.600	2722.971

Sample Name: I5040-18DLX10 Acquired: 9/5/2017 13:08:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.672643	-.000103	3.320256	.1529188	.0006661	.0535434
Stddev	.012675	.001965	.014602	.0035465	.0006674	.0015929
%RSD	.7577653	1909.639	.4398002	2.319218	100.1927	2.974967

#1	1.663687	-.001420	3.318848	.1558497	.0011593	.0539141
#2	1.687146	-.001044	3.335512	.1539302	-.000093	.0549182
#3	1.667097	.002156	3.306409	.1489764	.000932	.0517978

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.48752	-.000125	.7258606	.5078021	1.242035	-.019145
Stddev	.33187	.000121	.0040597	.0128824	.003088	.000681
%RSD	.4845698	96.82742	.5592932	2.536897	.2486503	3.559491

#1	68.13205	-.000248	.7252373	.5007354	1.238596	-.019564
#2	68.54128	-.000119	.7301959	.4999995	1.244572	-.019512
#3	68.78923	-.000007	.7221486	.5226713	1.242937	-.018359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014604	.0089894	.0017581	.0845473	-.000425	1.574717
Stddev	.0005569	.0006961	.0002066	.0162539	.000375	.011212
%RSD	38.13565	7.743853	11.75257	19.22462	88.33363	.7120236

#1	.0008437	.0096596	.0016303	.0665451	-.000604	1.562814
#2	.0016110	.0082699	.0019965	.0889516	.000006	1.585079
#3	.0019266	.0090388	.0016475	.0981452	-.000676	1.576257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.0476	.0010557	.0252561	-.092737	.0002941	.0089247
Stddev	.6389	.0014104	.0019138	.009057	.0002780	.0009463
%RSD	.4435403	133.6036	7.577647	9.766443	94.54110	10.60360

#1	143.7119	-.000573	.0270159	-.096448	.0005632	.0096816
#2	143.6465	.001838	.0232186	-.099349	.0003111	.0078637
#3	144.7844	.001901	.0255339	-.082414	.0000080	.0092289

Sample Name: I5040-18DLX10 Acquired: 9/5/2017 13:08:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001255	.0164129	.0596632	.0039449	.0009232	.0000639
Stddev	.0001132	.0046286	.0013678	.0000588	.0001622	.0000249
%RSD	90.25276	28.20063	2.292549	1.491449	17.56824	38.93729

#1	.0002426	.0136210	.0582804	.0039286	.0011090	.0000650
#2	.0001173	.0217557	.0596936	.0038959	.0008514	.0000883
#3	.0000165	.0138621	.0610155	.0040101	.0008094	.0000385

Elem	Sr4077
Units	ppm
Avg	.0098104
Stddev	.0000305
%RSD	.3106169

#1	.0097759
#2	.0098336
#3	.0098217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	671.8882	1208.385	30476.67	7758.825	2411.372
Stddev	.5876	10.307	71.44	12.303	13.282
%RSD	.0874492	.8529453	.2344243	.1585677	.5508017

#1	671.9633	1206.779	30394.74	7754.693	2408.244
#2	671.2667	1198.975	30509.31	7772.662	2399.934
#3	672.4346	1219.400	30525.97	7749.119	2425.939

Sample Name: I5040-19DLX10 Acquired: 9/5/2017 13:13:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.788744	-.000147	3.307817	.1660426	-.000394	.0525185
Stddev	.012291	.001596	.003128	.0043162	.002322	.0036242
%RSD	.6871369	1086.063	.0945622	2.599469	589.3924	6.900875

#1	1.787484	-.001852	3.306769	.1628627	-.000808	.0562062
#2	1.777132	.000101	3.305347	.1709561	-.002481	.0489612
#3	1.801617	.001311	3.311334	.1643090	.002107	.0523881

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.02373	-.000046	.7265504	.5133294	1.324706	-.019433
Stddev	.26273	.000063	.0017045	.0048858	.002509	.000086
%RSD	.3751979	136.3854	.2345963	.9517789	.1894053	.4438231

#1	70.18707	.000017	.7256324	.5188150	1.324884	-.019333
#2	69.72066	-.000047	.7285171	.5094457	1.327121	-.019487
#3	70.16345	-.000108	.7255018	.5117275	1.322112	-.019478

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009357	.0100022	.0015517	.0980703	-.000768	1.555487
Stddev	.0005212	.0030779	.0002983	.0146688	.000407	.002963
%RSD	55.70211	30.77172	19.22675	14.95743	52.99011	.1905117

#1	.0015210	.0075048	.0018773	.0875618	-.000475	1.552507
#2	.0005215	.0090610	.0012914	.0918202	-.000596	1.555518
#3	.0007647	.0134408	.0014864	.1148290	-.001233	1.558434

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.1060	-.000641	.0313254	-.119235	.0002259	.0117217
Stddev	.4496	.001034	.0019649	.020308	.0003719	.0003203
%RSD	.3098293	161.3044	6.272394	17.03157	164.6152	2.732583

#1	144.9424	-.001777	.0317644	-.100171	-.000134	.0115070
#2	144.7612	-.000393	.0330336	-.140592	.000204	.0120898
#3	145.6145	.000247	.0291782	-.116943	.000608	.0115681

Sample Name: I5040-19DLX10 Acquired: 9/5/2017 13:13:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002883	.0141729	.0629037	.0057784	.0003191	.0000598
Stddev	.0001107	.0028581	.0029601	.0011518	.0002963	.0000228
%RSD	38.41055	20.16569	4.705791	19.93257	92.86548	38.07005

#1	.0001862	.0145868	.0609723	.0065325	-.000011	.0000518
#2	.0004060	.0111305	.0614271	.0063502	.000406	.0000421
#3	.0002727	.0168014	.0663116	.0044526	.000562	.0000854

Elem	Sr4077
Units	ppm
Avg	.0098215
Stddev	.0000387
%RSD	.3936924

#1	.0098282
#2	.0097799
#3	.0098564

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	686.2260	1220.557	30999.72	7788.549	2435.217
Stddev	2.9415	6.825	101.44	25.090	2.759
%RSD	.4286461	.5591534	.3272384	.3221387	.1132930

#1	686.0030	1222.158	30944.18	7761.652	2436.372
#2	689.2726	1226.439	31116.81	7811.320	2437.210
#3	683.4024	1213.074	30938.18	7792.675	2432.068

Sample Name: I5099-04 Acquired: 9/5/2017 13:17:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1189036	-.018352	.3215732	-.002720	.0013936	72.36598	.2580503
Stddev	.0045223	.002811	.0039930	.003040	.0010833	.29423	.0003227
%RSD	3.803336	15.31865	1.241717	111.7640	77.73226	.4065872	.1250665

#1	.1162408	-.021514	.3180232	.000718	.0022393	72.46083	.2581833
#2	.1163449	-.016136	.3208001	-.005053	.0001726	72.60109	.2582852
#3	.1241252	-.017405	.3258962	-.003824	.0017689	72.03603	.2576823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034812	.0030528	7.582000	.0951868	.0278601	.1570468	102.3748
Stddev	.0000450	.0001226	.090653	.0007985	.0003034	.0013784	.5310
%RSD	1.292015	4.017276	1.195640	.8388838	1.088947	.8777290	.5187265

#1	.0034588	.0029126	7.637935	.0950446	.0276398	.1568856	102.9467
#2	.0034518	.0031404	7.477407	.0960469	.0277343	.1584987	101.8972
#3	.0035330	.0031052	7.630659	.0944690	.0282061	.1557560	102.2805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.347649	11.23559	.0606941	.0027138	.8255180	.1744671	.2706964
Stddev	.005917	.13604	.0004280	.0003875	.0266996	.0023315	.0033090
%RSD	.4390417	1.210829	.7050985	14.27858	3.234289	1.336345	1.222383

#1	1.346985	11.30310	.0602086	.0029518	.8487284	.1743609	.2671197
#2	1.342092	11.32467	.0610167	.0029231	.7963393	.1721906	.2713210
#3	1.353870	11.07899	.0608570	.0022667	.8314864	.1768499	.2736486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.409217	.5436123	-.290624	.0021881	1.617752	3.725272	.0092741
Stddev	.005587	.0027820	.001852	.0004381	.010355	.049481	.0020497
%RSD	.2318818	.5117658	.6373143	20.02293	.6401008	1.328245	22.10181

#1	2.404838	.5418716	-.292742	.0025957	1.625516	3.782362	.0104715
#2	2.415509	.5421446	-.289304	.0017248	1.605995	3.698686	.0104434
#3	2.407305	.5468209	-.289828	.0022438	1.621746	3.694767	.0069073

Sample Name: I5099-04 Acquired: 9/5/2017 13:17:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDZS6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.539611	.0057718	.0063230
Stddev	.003534	.0000728	.0000046
%RSD	.2295092	1.261115	.0721692

#1	1.535562	.0057338	.0063269
#2	1.541205	.0058557	.0063243
#3	1.542068	.0057258	.0063180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	727.1089	1281.025	33889.72	8123.848	2519.822
Stddev	4.0927	4.220	58.82	50.305	3.465
%RSD	.5628674	.3294034	.1735635	.6192220	.1375214

#1	727.1154	1285.371	33957.13	8102.289	2521.624
#2	731.1984	1276.944	33848.79	8087.917	2522.014
#3	723.0131	1280.759	33863.25	8181.340	2515.827

Sample Name: I5099-05 Acquired: 9/5/2017 13:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199201	-.020907	.4273283	-.001108	.0024156	85.09995	.3293129
Stddev	.0007017	.001880	.0001516	.004228	.0011737	.17715	.0015361
%RSD	.5851031	8.991830	.0354787	381.7445	48.58546	.2081630	.4664419

#1	.1198431	-.019970	.4274964	.001521	.0012607	84.92078	.3275794
#2	.1192601	-.023071	.4272866	-.005985	.0023791	85.27501	.3305048
#3	.1206571	-.019680	.4272019	.001141	.0036071	85.10406	.3298545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039107	.0036749	14.61766	.1488075	.0368580	.1862326	122.5626
Stddev	.0001543	.0001256	.04217	.0009202	.0002671	.0008027	.5800
%RSD	3.945238	3.418782	.2884670	.6183918	.7247132	.4310346	.4731912

#1	.0037360	.0037912	14.63647	.1478657	.0367152	.1853278	122.7671
#2	.0040283	.0036918	14.56936	.1497045	.0371661	.1868592	121.9081
#3	.0039678	.0035416	14.64715	.1488521	.0366925	.1865109	123.0126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.698725	17.36258	.0867873	.0033816	1.189471	.1975801	.3806315
Stddev	.006128	.02720	.0004366	.0003949	.067075	.0004445	.0033797
%RSD	.3607350	.1566792	.5030366	11.67955	5.639030	.2249595	.8879329

#1	1.694545	17.36739	.0871395	.0034255	1.198617	.1980462	.3839545
#2	1.695871	17.33329	.0862988	.0029665	1.118293	.1971609	.3771977
#3	1.705760	17.38705	.0869235	.0037527	1.251503	.1975331	.3807424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.142236	.5796250	-.341914	.0020354	1.999484	3.798252	.0133461
Stddev	.029761	.0019706	.002427	.0001504	.014715	.048090	.0033791
%RSD	.9471132	.3399748	.7099496	7.387581	.7359595	1.266098	25.31910

#1	3.126494	.5779850	-.340454	.0020281	1.990691	3.848408	.0096699
#2	3.176561	.5790790	-.340571	.0018888	1.991288	3.793811	.0140519
#3	3.123652	.5818110	-.344716	.0021893	2.016472	3.752537	.0163167

Sample Name: I5099-05 Acquired: 9/5/2017 13:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZS7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.447556	.0070368	.0087516
Stddev	.007193	.0000546	.0000266
%RSD	.4968986	.7758740	.3040191

#1	1.443446	.0069784	.0087224
#2	1.455861	.0070866	.0087579
#3	1.443361	.0070454	.0087745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	727.3434	1281.716	33970.84	8162.416	2501.766
Stddev	.8702	5.797	61.10	34.688	8.701
%RSD	.1196439	.4522675	.1798570	.4249774	.3477879

#1	727.7545	1282.802	33992.85	8160.456	2501.882
#2	726.3437	1286.892	33901.79	8128.750	2510.409
#3	727.9318	1275.453	34017.89	8198.043	2493.009

Sample Name: I5099-06 Acquired: 9/5/2017 13:25:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478364	-.003471	.3683585	.0003814	.0007811	63.25790	.2917076
Stddev	.0025037	.003211	.0024661	.0079670	.0011300	.16109	.0006458
%RSD	5.233985	92.50836	.6694935	2089.158	144.6591	.2546483	.2213888

#1	.0506919	.000049	.3687753	-.003256	.0019471	63.35777	.2910625
#2	.0460173	-.004222	.3705898	-.005118	.0007054	63.07207	.2917061
#3	.0467999	-.006239	.3657106	.009518	-.000309	63.34386	.2923542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046791	.0026756	17.20004	.0818996	.0307458	.3036177	97.64800
Stddev	.0000931	.0002396	.05316	.0004461	.0005022	.0018365	.38015
%RSD	1.989082	8.955626	.3090493	.5446570	1.633502	.6048684	.3893048

#1	.0045863	.0024073	17.23329	.0818280	.0304435	.3049131	98.08694
#2	.0046785	.0027514	17.22811	.0814936	.0304683	.3015160	97.43233
#3	.0047724	.0028682	17.13874	.0823771	.0313255	.3044240	97.42474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378505	12.05658	.1213338	.0019398	.9227745	.6787137	.8658849
Stddev	.002359	.04541	.0012960	.0002798	.0284743	.0035676	.0110206
%RSD	.1711268	.3766284	1.068101	14.42200	3.085727	.5256382	1.272755

#1	1.380999	12.07775	.1213989	.0018863	.9193473	.6823243	.8716335
#2	1.378207	12.00445	.1200065	.0016906	.8961688	.6786258	.8728427
#3	1.376309	12.08754	.1225960	.0022424	.9528072	.6751908	.8531786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.052072	.3112901	-.248324	.0149348	1.081059	4.244375	.0779954
Stddev	.032641	.0002247	.002448	.0005508	.003411	.042511	.0018115
%RSD	1.069463	.0721767	.9859801	3.688185	.3155022	1.001585	2.322618

#1	3.055565	.3113851	-.248892	.0153888	1.084917	4.293455	.0759486
#2	3.017825	.3110335	-.245641	.0143221	1.079818	4.219092	.0793926
#3	3.082826	.3114517	-.250438	.0150936	1.078443	4.220579	.0786448

Sample Name: I5099-06 Acquired: 9/5/2017 13:25:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZT4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.541791	.0057508	.0110846
Stddev	.004550	.0000275	.0000453
%RSD	.2951164	.4784271	.4084838

#1	1.536638	.0057409	.0111265
#2	1.545255	.0057296	.0110366
#3	1.543480	.0057819	.0110908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	720.9977	1278.720	33386.67	8004.998	2530.236
Stddev	6.9758	2.079	163.90	48.844	6.072
%RSD	.9675241	.1625610	.4909273	.6101736	.2399615

#1	714.3136	1276.322	33236.61	7959.290	2530.218
#2	720.4469	1280.003	33361.84	8056.468	2536.316
#3	728.2326	1279.836	33561.58	7999.236	2524.173

Sample Name: I5099-07 Acquired: 9/5/2017 13:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456559	-.017889	.3071598	.0014312	.0012183	67.43646	.2769108
Stddev	.0043473	.001717	.0008227	.0052042	.0014244	.11357	.0007925
%RSD	9.521831	9.598467	.2678440	363.6340	116.9164	.1684089	.2861921

#1	.0416666	-.019463	.3080419	.0073046	.0000821	67.43717	.2772349
#2	.0502893	-.016058	.3064133	-.002606	.0028164	67.32253	.2760076
#3	.0450119	-.018147	.3070241	-.000405	.0007565	67.54967	.2774899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035312	.0028574	18.41457	.0781843	.0288834	.2102426	102.3631
Stddev	.0002636	.0002334	.09285	.0005690	.0001459	.0003372	.3817
%RSD	7.464599	8.169621	.5042375	.7277567	.5050319	.1603708	.3729269

#1	.0032598	.0026236	18.32378	.0781554	.0289147	.2105712	101.9335
#2	.0035478	.0030905	18.41056	.0776303	.0287244	.2098975	102.4924
#3	.0037862	.0028580	18.50935	.0787672	.0290111	.2102590	102.6634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.394290	15.36983	.0704716	.0023660	.8338893	.1915203	.3732877
Stddev	.002861	.05384	.0005638	.0001412	.0840864	.0042611	.0019388
%RSD	.2051744	.3502930	.8000322	5.969314	10.08364	2.224893	.5193759

#1	1.391103	15.31030	.0700049	.0024560	.7448475	.1890386	.3738829
#2	1.395131	15.38406	.0710980	.0024389	.9119392	.1964405	.3748591
#3	1.396636	15.41512	.0703120	.0022032	.8448812	.1890817	.3711211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.039447	.2898719	-.289877	.0017529	1.089167	4.125407	.0174928
Stddev	.010552	.0014964	.001422	.0002887	.013300	.113407	.0016431
%RSD	.3471696	.5162303	.4904119	16.46767	1.221119	2.748985	9.392986

#1	3.030522	.2895184	-.288238	.0020772	1.073971	4.029273	.0161130
#2	3.036725	.2885839	-.290779	.0016573	1.094841	4.096468	.0170549
#3	3.051093	.2915134	-.290613	.0015241	1.098688	4.250479	.0193105

Sample Name: I5099-07 Acquired: 9/5/2017 13:29:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDZT5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.322822	.0063921	.0099940
Stddev	.010841	.0000409	.0000187
%RSD	.8195104	.6392953	.1872448

#1	1.325592	.0064083	.0100064
#2	1.310865	.0063456	.0099725
#3	1.332009	.0064224	.0100030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	726.0384	1288.059	33574.93	8076.342	2532.139
Stddev	6.7790	2.599	126.22	11.741	1.776
%RSD	.9337027	.2018041	.3759238	.1453751	.0701445

#1	718.7746	1289.225	33459.96	8071.797	2530.516
#2	727.1440	1285.081	33554.84	8089.677	2531.865
#3	732.1967	1289.871	33709.99	8067.554	2534.036

Sample Name: I5099-08 Acquired: 9/5/2017 13:33:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334397	-.013958	.2504387	.0005968	-.000700	58.74714	.2638220
Stddev	.0043553	.005166	.0038338	.0042820	.000609	.20663	.0007323
%RSD	13.02436	37.01047	1.530851	717.4537	86.98898	.3517219	.2775598

#1	.0287417	-.016841	.2516485	-.000512	-.001080	58.86907	.2638993
#2	.0373428	-.007994	.2461459	.005324	.000002	58.86379	.2645125
#3	.0342346	-.017040	.2535217	-.003021	-.001024	58.50857	.2630541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030007	.0024938	24.67652	.0753730	.0278158	.1771263	90.58700
Stddev	.0000474	.0001059	.10481	.0004408	.0002146	.0010766	.14879
%RSD	1.578486	4.248105	.4247471	.5848515	.7714491	.6078220	.1642532

#1	.0030448	.0025683	24.55705	.0756249	.0280507	.1780496	90.51206
#2	.0030068	.0023725	24.71944	.0748640	.0277666	.1773856	90.75836
#3	.0029506	.0025406	24.75305	.0756301	.0276301	.1759437	90.49056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.285203	13.83664	.0675821	.0020481	.7473373	.1707917	.3415373
Stddev	.006586	.13286	.0003098	.0003343	.0469936	.0007138	.0069493
%RSD	.5124807	.9601979	.4583439	16.32165	6.288145	.4179293	2.034713

#1	1.278208	13.91753	.0679348	.0017236	.7728565	.1704440	.3398171
#2	1.286116	13.90908	.0673541	.0023914	.7760503	.1716128	.3356096
#3	1.291286	13.68330	.0674574	.0020293	.6931050	.1703185	.3491851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.176905	.2429556	-.246581	.0021812	1.174101	2.371528	.0184716
Stddev	.016557	.0026554	.001743	.0001751	.003618	.071825	.0010027
%RSD	.5211769	1.092962	.7069391	8.028823	.3081791	3.028644	5.428413

#1	3.195811	.2432250	-.244646	.0019851	1.172286	2.289326	.0195545
#2	3.164991	.2454661	-.247068	.0022366	1.178267	2.422163	.0182853
#3	3.169911	.2401758	-.248029	.0023219	1.171749	2.403097	.0175752

Sample Name: I5099-08 Acquired: 9/5/2017 13:33:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDZT6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.454272	.0057202	.0143908
Stddev	.003044	.0000286	.0000241
%RSD	.2092806	.4992206	.1674102

#1	1.455466	.0057463	.0143980
#2	1.456537	.0057246	.0144105
#3	1.450812	.0056897	.0143640

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	709.3238	1259.498	33060.15	7900.499	2502.031
Stddev	2.1285	6.832	67.35	40.972	7.644
%RSD	.3000744	.5424327	.2037227	.5185942	.3055253

#1	710.8935	1253.284	33033.21	7886.932	2493.548
#2	706.9011	1266.814	33010.44	7868.031	2508.387
#3	710.1768	1258.398	33136.81	7946.533	2504.159

Sample Name: I5063-01RE Acquired: 9/5/2017 13:42:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005588	-.002108	.0165765	.0044863	-.002638	.0332744	.1917674
Stddev	.0041710	.002182	.0008436	.0035827	.000682	.0101345	.0005035
%RSD	746.4975	103.5295	5.088992	79.85910	25.83874	30.45729	.2625759

#1	-.002574	-.003871	.0175502	.0024994	-.002005	.0446409	.1922914
#2	.005293	-.002786	.0161153	.0023374	-.003360	.0251807	.1917236
#3	-.001043	.000333	.0160641	.0086222	-.002549	.0300017	.1912871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000197	-.000354	339.1953	.0069753	-.002167	.0210211	.0423304
Stddev	.000113	.000076	.2205	.0001598	.000525	.0007155	.0073507
%RSD	57.14651	21.37171	.0649945	2.291426	24.23903	3.403786	17.36512

#1	-.000327	-.000283	339.1991	.0071595	-.002616	.0212257	.0419484
#2	-.000140	-.000434	339.4138	.0068925	-.002296	.0216120	.0498646
#3	-.000124	-.000345	338.9729	.0068738	-.001589	.0202255	.0351781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010771	124.0084	.0045384	.0004133	818.5833	.0019237	.2169311
Stddev	.0001104	.1569	.0006199	.0001584	1.1939	.0016974	.0020577
%RSD	10.25237	.1265548	13.65872	38.32338	.1458492	88.23557	.9485329

#1	.0011487	124.1896	.0042679	.0004831	819.9209	.0024122	.2192918
#2	.0011327	123.9128	.0040998	.0002320	818.2032	.0033234	.2155177
#3	.0009499	123.9230	.0052476	.0005248	817.6257	.0000356	.2159838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.22023	.0027476	.3964669	.0090160	107.5471	21.72303	-.007761
Stddev	.07499	.0007818	.0022810	.0005419	.9755	.11737	.003722
%RSD	.2402005	28.45601	.5753394	6.010156	.9070484	.5403248	47.95999

#1	31.23958	.0022532	.3958863	.0088874	107.3043	21.82624	-.004279
#2	31.28366	.0036490	.3989821	.0085500	106.7160	21.74749	-.007321
#3	31.13746	.0023406	.3945322	.0096106	108.6211	21.59535	-.011684

Sample Name: I5063-01RE Acquired: 9/5/2017 13:42:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005181	.0054302	.2188926
Stddev	.000376	.0000518	.0005535
%RSD	7.258391	.9538127	.2528645

#1	-.005101	.0054009	.2192985
#2	-.005591	.0054900	.2191173
#3	-.004852	.0053997	.2182621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	606.2957	1069.897	27022.42	7381.504	1914.888
Stddev	.2868	4.738	40.74	33.600	6.241
%RSD	.0473018	.4428363	.1507611	.4551879	.3259086

#1	606.5573	1072.941	27032.70	7366.717	1916.730
#2	606.3407	1072.313	27057.03	7357.834	1920.000
#3	605.9890	1064.439	26977.52	7419.961	1907.934

Sample Name: I5040-18DL2X50 Acquired: 9/5/2017 13:50:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1966933	.0010522	.4020233	.0184046	-.001134	.0089379	9.073591
Stddev	.0023652	.0013105	.0014896	.0016629	.000570	.0042144	.081878
%RSD	1.202472	124.5397	.3705222	9.035088	50.26285	47.15263	.9023726

#1	.1957244	.0025043	.4033522	.0200256	-.001144	.0040752	9.019266
#2	.1949664	-.000042	.4023046	.0167028	-.000559	.0115339	9.167765
#3	.1993891	.000695	.4004131	.0184853	-.001700	.0112045	9.033742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000169	.0855938	.0704473	.1551977	-.001788	.0002670	.0034855
Stddev	.000071	.0001758	.0037652	.0001679	.000097	.0004185	.0035590
%RSD	41.92854	.2053373	5.344770	.1081912	5.426975	156.7137	102.1088

#1	-.000135	.0857823	.0664902	.1550220	-.001676	.0000775	.0054378
#2	-.000121	.0854344	.0708658	.1552146	-.001835	-.000023	-.000622
#3	-.000250	.0855647	.0739857	.1553565	-.001852	.000747	.005641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002829	.0094592	-.000360	.2116560	18.06561	.0006846	.0029277
Stddev	.0000502	.0117180	.000461	.0011306	.15900	.0003218	.0005305
%RSD	17.74541	123.8794	128.1671	.5341655	.8801358	47.00588	18.12111

#1	.0003225	.0031308	.000172	.2103921	18.06259	.0009191	.0030124
#2	.0002997	.0229808	-.000596	.2125712	18.22611	.0008170	.0023599
#3	.0002264	.0022660	-.000654	.2120046	17.90815	.0003177	.0034107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.132621	-.000080	-.000992	.0004747	.0058204	.0061812	-.000240
Stddev	.008351	.000173	.000287	.0005114	.0029671	.0008838	.000427
%RSD	6.297185	214.8601	28.95809	107.7326	50.97713	14.29811	178.2493

#1	-.123656	.000084	-.000660	-.000116	.0044120	.0053997	.000122
#2	-.140181	-.000260	-.001148	.000779	.0038198	.0071403	-.000711
#3	-.134026	-.000065	-.001167	.000761	.0092294	.0060036	-.000130

Sample Name: I5040-18DL2X50 Acquired: 9/5/2017 13:50:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006028	.0002268	.0013074
Stddev	.0003131	.0000603	.0000052
%RSD	51.94360	26.56784	.3997291

#1	.0005978	.0002898	.0013015
#2	.0002922	.0002209	.0013091
#3	.0009184	.0001697	.0013116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	721.6367	1287.240	32755.06	7811.118	2728.472
Stddev	2.0857	7.949	100.03	53.045	14.050
%RSD	.2890174	.6175380	.3053867	.6791014	.5149551

#1	723.8647	1278.480	32852.22	7818.980	2713.603
#2	719.7309	1289.247	32652.39	7754.581	2730.284
#3	721.3145	1293.994	32760.59	7859.794	2741.528

Sample Name: I5040-19DL2X50 Acquired: 9/5/2017 13:55:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2159225	.0000188	.4124146	.0169699	-.002081	.0063269	9.433986
Stddev	.0036771	.0011303	.0019297	.0010448	.000907	.0022865	.021007
%RSD	1.702961	6006.091	.4678909	6.156901	43.55896	36.13845	.2226722

#1	.2117697	-.000909	.4101870	.0181446	-.002447	.0036879	9.436425
#2	.2187647	-.000312	.4134818	.0161445	-.002748	.0075788	9.453667
#3	.2172331	.001278	.4135748	.0166206	-.001049	.0077142	9.411866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000065	.0882554	.0698342	.1672664	-.001818	.0011149	.0001317
Stddev	.000110	.0006887	.0040451	.0030290	.000212	.0007145	.0051110
%RSD	170.5830	.7803178	5.792467	1.810862	11.68976	64.09006	3881.946

#1	-.000097	.0878291	.0705012	.1639042	-.001591	.0018946	-.003963
#2	.000058	.0878872	.0654970	.1681129	-.002013	.0009589	-.001501
#3	-.000155	.0890499	.0735043	.1697820	-.001849	.0004912	.005860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006686	.0073783	.0000585	.2118951	18.16900	-.000616	.0028160
Stddev	.0005977	.0166021	.0002386	.0024029	.05074	.001767	.0022705
%RSD	89.39816	225.0123	407.5211	1.133984	.2792866	286.7826	80.62994

#1	.0005258	.0088731	.0000412	.2091295	18.11233	-.002517	.0054087
#2	.0001552	.0231825	.0003053	.2134713	18.18443	.000978	.0011825
#3	.0013248	-.009921	-.000171	.2130845	18.21023	-.000310	.0018568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146337	-.000130	-.002693	.0002282	.0027001	.0068091	.0003207
Stddev	.022496	.000331	.000688	.0002807	.0059009	.0006068	.0002704
%RSD	15.37295	255.3244	25.54917	123.0085	218.5458	8.911925	84.33333

#1	-.157189	-.000434	-.003225	.0004406	.0031647	.0062452	.0006245
#2	-.161350	-.000178	-.001916	-.000090	-.003419	.0074513	.0002309
#3	-.120472	.000223	-.002939	.000334	.008355	.0067307	.0001065

Sample Name: I5040-19DL2X50 Acquired: 9/5/2017 13:55:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA41G6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007185	.0000640	.0013113
Stddev	.0003368	.0000257	.0000082
%RSD	46.87463	40.10068	.6238104

#1	.0008661	.0000800	.0013022
#2	.0003331	.0000776	.0013138
#3	.0009563	.0000344	.0013180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	730.5970	1292.993	33005.79	7895.083	2720.843
Stddev	2.7111	6.407	255.92	6.193	11.703
%RSD	.3710851	.4954803	.7753797	.0784377	.4301367

#1	733.7161	1299.972	33301.29	7902.233	2726.222
#2	728.8060	1291.628	32855.16	7891.438	2728.890
#3	729.2689	1287.379	32860.93	7891.578	2707.417

Sample Name: CCV054 Acquired: 9/5/2017 14:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.196943	4.836224	24.65911	5.282782	5.172253	369.3941
Stddev	.023608	.043553	.12726	.012006	.011091	3.8608
%RSD	.4542702	.9005614	.5160727	.2272644	.2144259	1.045171

#1	5.210387	4.821742	24.58296	5.289769	5.177792	369.4670
#2	5.169684	4.801756	24.58834	5.268919	5.159484	373.2179
#3	5.210759	4.885173	24.80602	5.289658	5.179483	365.4973

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09027	.5233104	2.521669	369.5720	14.64867	2.521555
Stddev	.02400	.0010395	.015747	1.1391	.06344	.011991
%RSD	.2378453	.1986418	.6244487	.3082144	.4330520	.4755396

#1	10.07688	.5244879	2.507583	368.4714	14.61070	2.511324
#2	10.07596	.5229231	2.518756	369.4985	14.61341	2.518592
#3	10.11798	.5225201	2.538669	370.7460	14.72191	2.534750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.70730	375.9833	14.66557	398.8733	2.511412	1.296082
Stddev	.09244	1.9611	.02421	1.7649	.015251	.006417
%RSD	.5885046	.5215932	.1650727	.4424712	.6072819	.4951339

#1	15.75205	374.5739	14.63763	397.0685	2.497362	1.291887
#2	15.76884	375.1531	14.68019	398.9561	2.509241	1.292888
#3	15.60100	378.2230	14.67890	400.5953	2.527632	1.303469

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	369.0028	2.555620	14.88338	154.7013	F 5.711482	F 4.461016
Stddev	.7807	.010832	.20165	.6273	.043229	.014342
%RSD	.2115790	.4238344	1.354888	.4054633	.7568802	.3214863

#1	369.6920	2.544192	14.68362	155.1794	5.724618	4.467931
#2	369.1615	2.556932	14.87965	154.9334	5.663209	4.470590
#3	368.1550	2.565735	15.08688	153.9911	5.746620	4.444527

Sample Name: CCV054 Acquired: 9/5/2017 14:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.213809	5.258049	5.080471	5.073167	5.107980	5.384885
Stddev	.010957	.015472	.020974	.028767	.018264	.043458
%RSD	.2101553	.2942460	.4128435	.5670377	.3575553	.8070356

#1	5.212224	5.260357	5.094108	5.058327	5.108468	5.337211
#2	5.203731	5.241554	5.090986	5.054852	5.089477	5.422285
#3	5.225473	5.272238	5.056319	5.106324	5.125995	5.395160

Elem	Sr4077
Units	ppm
Avg	4.963098
Stddev	.018295
%RSD	.3686146

#1	4.942474
#2	4.977371
#3	4.969448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	569.5457	1017.450	27207.94	7026.670	1775.479
Stddev	6.2778	3.033	146.56	17.634	5.141
%RSD	1.102240	.2981243	.5386701	.2509566	.2895407

#1	576.6620	1014.117	27331.02	7033.356	1774.454
#2	567.1830	1020.048	27247.00	7006.671	1781.055
#3	564.7921	1018.186	27045.81	7039.983	1770.929

Sample Name: CCB054 Acquired: 9/5/2017 14:07:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008288	.0018123	-.000488	-.002089	-.000761	.0039973	-.002223
Stddev	.0045159	.0025246	.000220	.001350	.001508	.0086007	.000148
%RSD	544.8642	139.3013	45.18362	64.60784	198.0429	215.1651	6.671762

#1	-.000978	-.001062	-.000627	-.001914	-.001168	.0086709	-.002225
#2	.005968	.002829	-.000234	-.003517	-.002024	.0092493	-.002074
#3	-.002504	.003670	-.000602	-.000835	.000908	-.005928	-.002370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000125	.0000007	.0027316	.0005898	.0005590	.0010467	.0092160
Stddev	.000084	.0000446	.0133631	.0004194	.0002285	.0003876	.0027216
%RSD	67.55260	6375.449	489.1992	71.12141	40.86505	37.02847	29.53165

#1	-.000217	-.000050	.0128293	.0001761	.0008226	.0009701	.0062000
#2	-.000050	.000020	.0077874	.0010147	.0004356	.0014669	.0114889
#3	-.000109	.000032	-.012422	.0005784	.0004188	.0007032	.0099591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003238	.0073224	-.000231	.0002042	-.142086	-.000900	-.002815
Stddev	.0002749	.0026353	.000337	.0002232	.014908	.002210	.001090
%RSD	84.90389	35.98949	146.3599	109.2991	10.49208	245.5877	38.71465

#1	.0006357	.0045539	.000157	.0003940	-.127811	-.001868	-.003663
#2	.0002189	.0076128	-.000457	.0002603	-.140891	.001629	-.001586
#3	.0001168	.0098004	-.000392	-.000042	-.157555	-.002461	-.003195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.133886	.0001886	.0039815	.0002847	.0036972	-.001522	-.000422
Stddev	.013134	.0003414	.0011350	.0002590	.0073120	.001087	.001183
%RSD	9.809551	181.0409	28.50736	90.95646	197.7724	71.45924	280.6930

#1	-.135173	.0003134	.0048418	.0003879	.0120389	-.002227	-.001765
#2	-.146328	.0004500	.0026951	.0004762	.0006562	-.000269	.000037
#3	-.120156	-.000198	.0044076	-.000010	-.001604	-.002068	.000464

Sample Name: CCB054 Acquired: 9/5/2017 14:07:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003075	.0003215	.0001472
Stddev	.0004400	.0000439	.0000118
%RSD	143.0917	13.66488	7.989168

#1	.0007079	.0003694	.0001573
#2	.0003781	.0003123	.0001500
#3	-.000164	.0002830	.0001343

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	746.5867	1318.630	33757.30	7930.055	2843.668
Stddev	8.7266	7.759	139.37	24.806	7.950
%RSD	1.168864	.5884341	.4128715	.3128155	.2795631

#1	737.7299	1309.915	33598.63	7932.176	2835.083
#2	755.1770	1321.188	33813.31	7904.256	2850.775
#3	746.8531	1324.787	33859.95	7953.733	2845.146

Sample Name: PB102059BS Acquired: 9/5/2017 14:12:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	.0212343	.0636641	.0226956	.0814309	.1295480	.4494912
Stddev	.0018585	.0011510	.0014035	.0024063	.0015619	.0027706
%RSD	8.752533	1.807913	6.183842	2.955019	1.205656	.6163888

#1	.0204471	.0627549	.0230503	.0835558	.1285696	.4507096
#2	.0198990	.0632793	.0238878	.0788180	.1287252	.4463202
#3	.0233569	.0649582	.0211489	.0819190	.1313493	.4514438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3664274	.0127746	.0118431	10.21996	.0239795	.1058905
Stddev	.0014655	.0000686	.0000106	.00660	.0006350	.0007924
%RSD	.3999382	.5366674	.0894295	.0645573	2.648261	.7483130

#1	.3678296	.0127932	.0118552	10.22325	.0237333	.1062133
#2	.3649059	.0128320	.0118356	10.21237	.0235044	.1049877
#3	.3665467	.0126987	.0118384	10.22427	.0247008	.1064706

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0563252	.2513314	.0345811	11.59018	.0892109	.0232051
Stddev	.0005739	.0054272	.0001685	.05593	.0011415	.0006779
%RSD	1.018963	2.159402	.4871120	.4825929	1.279582	2.921516

#1	.0559470	.2575072	.0344113	11.65322	.0885836	.0227268
#2	.0560430	.2491653	.0347481	11.57085	.0885205	.0239809
#3	.0569856	.2473217	.0345839	11.54648	.0905285	.0229076

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45332	.1177316	.1274602	9.849469	F .0035837	F .0259653
Stddev	.08709	.0037443	.0034831	.037294	.0004792	.0012400
%RSD	.8330977	3.180364	2.732686	.3786350	13.37208	4.775671

#1	10.35422	.1187394	.1295974	9.811228	.0034453	.0273946
#2	10.48806	.1135865	.1234410	9.851443	.0031890	.0251766
#3	10.51767	.1208688	.1293422	9.885737	.0041170	.0253247

Sample Name: PB102059BS Acquired: 9/5/2017 14:12:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) 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	F .0272406	.1962885	.2342780	F .0157090	.2249549	.0115377
Stddev	.0003660	.0030535	.0027657	.0008956	.0007604	.0000368
%RSD	1.343433	1.555592	1.180522	5.701296	.3380329	.3187786

#1	.0268669	.1973243	.2337386	.0154527	.2256864	.0115034
#2	.0272567	.1928518	.2318217	.0167049	.2250097	.0115333
#3	.0275983	.1986893	.2372736	.0149695	.2241685	.0115765

Elem	Sr4077
Units	ppm
Avg	.0292104
Stddev	.0000989
%RSD	.3385111

#1	.0292711
#2	.0290963
#3	.0292638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	733.5308	1289.621	33017.85	7952.267	2702.145
Stddev	2.3302	8.963	59.68	26.008	18.207
%RSD	.3176659	.6950265	.1807590	.3270478	.6737941

#1	732.9609	1294.515	32986.50	7937.698	2704.490
#2	731.5385	1295.071	32980.38	7982.293	2719.066
#3	736.0931	1279.276	33086.68	7936.809	2682.879

Sample Name: CCV055 Acquired: 9/5/2017 15:26:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.039080	4.765102	25.29962	5.074598	4.994501	377.8830
Stddev	.025865	.034503	.02196	.005860	.018701	2.7746
%RSD	.5132809	.7240780	.0868024	.1154718	.3744233	.7342533

#1	5.061750	4.790863	25.31255	5.069120	5.014411	378.1139
#2	5.010906	4.725902	25.27426	5.073897	4.977306	380.5350
#3	5.044584	4.778542	25.31205	5.080777	4.991786	375.0002

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.972656	.4531993	2.654873	393.3251	15.61903	2.588057
Stddev	.048881	.0032053	.003583	1.0303	.04637	.001072
%RSD	.4901478	.7072525	.1349688	.2619364	.2968589	.0414058

#1	10.02327	.4569002	2.653272	392.9115	15.57026	2.589293
#2	9.96897	.4513112	2.652370	392.5659	15.66255	2.587391
#3	9.92572	.4513866	2.658978	394.4979	15.62427	2.587486

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21857	398.9219	15.10690	412.0423	2.569099	1.330544
Stddev	.12111	2.0822	.03157	3.2084	.002920	.007259
%RSD	.7957743	.5219479	.2089864	.7786522	.1136594	.5455291

#1	15.34695	401.3233	15.10544	415.7339	2.571294	1.322418
#2	15.20240	397.6183	15.07609	410.4667	2.565785	1.336385
#3	15.10637	397.8242	15.13918	409.9263	2.570218	1.332828

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.2799	2.617347	13.88400	151.2344	F 5.582061	4.602773
Stddev	3.6902	.020036	.11179	1.2258	.065516	.033436
%RSD	.9781071	.7655087	.8052057	.8105072	1.173685	.7264333

#1	381.1199	2.638168	13.76479	152.2431	5.653859	4.641243
#2	376.9594	2.598202	13.98650	151.5900	5.525520	4.580705
#3	373.7605	2.615672	13.90070	149.8702	5.566803	4.586372

Sample Name: CCV055 Acquired: 9/5/2017 15:26:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.141467	5.259094	5.266491	5.164905	5.169804	5.166128
Stddev	.011091	.068071	.042283	.007693	.035283	.023621
%RSD	.2157092	1.294344	.8028715	.1489562	.6824885	.4572205

#1	5.151654	5.337340	5.314753	5.167890	5.209828	5.171937
#2	5.129653	5.213505	5.248758	5.156166	5.156387	5.186303
#3	5.143093	5.226438	5.235961	5.170658	5.143198	5.140145

Elem	Sr4077
Units	ppm
Avg	5.006529
Stddev	.043642
%RSD	.8717018

#1	5.056919
#2	4.980828
#3	4.981839

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	590.0019	1065.444	27019.65	6864.915	1807.312
Stddev	3.5971	4.377	73.23	62.703	6.382
%RSD	.6096698	.4108533	.2710369	.9133860	.3531457

#1	589.9182	1061.319	27005.43	6792.642	1801.581
#2	586.4473	1070.037	26954.57	6897.298	1814.190
#3	593.6400	1064.976	27098.95	6904.806	1806.164

Sample Name: CCB055 Acquired: 9/5/2017 15:35:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011025	.0043322	.0002827	-.000525	-.000341	.0007370	-.001117
Stddev	.0005669	.0013758	.0003457	.001809	.001005	.0012233	.000199
%RSD	51.41861	31.75780	122.2832	344.6767	294.9090	165.9761	17.82955

#1	.0007147	.0053603	.0000021	.001406	.000820	.0002043	-.001332
#2	.0008398	.0027693	.0001771	-.002182	-.000938	.0021364	-.001080
#3	.0017531	.0048670	.0006688	-.000799	-.000904	-.000130	-.000939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000045	-.002239	.0003190	.0003499	.0007434	.0039096
Stddev	.000123	.000045	.018170	.0005519	.0001552	.0003255	.0049814
%RSD	443.9894	100.4616	811.5901	173.0110	44.35395	43.77682	127.4149

#1	-.000009	-.000084	.017897	.0009177	.0005121	.0007327	-.000762
#2	.000085	-.000055	-.017410	.0002089	.0003347	.0004235	.003339
#3	-.000159	.000004	-.007204	-.000170	.0002028	.0010742	.009152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002989	-.007378	-.000067	.0013453	-.066310	-.000474	-.002903
Stddev	.0002806	.003366	.000217	.0001332	.059992	.001745	.001176
%RSD	93.87499	45.62572	325.6185	9.901847	90.47209	368.4509	40.50171

#1	.0001330	-.003912	.000158	.0014982	-.001757	-.001727	-.004260
#2	.0006229	-.007587	-.000082	.0012542	-.120351	.001519	-.002191
#3	.0001409	-.010634	-.000276	.0012836	-.076821	-.001213	-.002258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152189	.0000177	.0091806	.0004104	.0026832	-.000001	.0000282
Stddev	.022510	.0005579	.0007874	.0001453	.0043897	.001237	.0012976
%RSD	14.79099	3154.657	8.576772	35.41034	163.6015	101595.8	4593.385

#1	-.132967	-.000262	.0083005	.0005778	-.001933	-.001323	-.000714
#2	-.176953	.000660	.0094232	.0003158	.006805	.000191	.001527
#3	-.146649	-.000345	.0098182	.0003377	.003177	.001129	-.000728

Sample Name: CCB055 Acquired: 9/5/2017 15:35:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v147) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009688	.0003810	.0000823
Stddev	.0002286	.0000548	.0000016
%RSD	23.59344	14.37313	1.982113

#1	.0007836	.0004436	.0000812
#2	.0008986	.0003573	.0000842
#3	.0012242	.0003421	.0000816

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	803.3075	1444.986	34897.93	8041.531	2970.208
Stddev	6.4849	.960	125.78	47.239	7.588
%RSD	.8072745	.0664511	.3604244	.5874362	.2554644

#1	795.8716	1445.703	34752.82	8013.731	2964.066
#2	806.2612	1443.896	34965.05	8014.788	2978.691
#3	807.7897	1445.361	34975.91	8096.074	2967.869

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
1	1	1	1	1	Unk	ICV		ICV		
2	2	1	2	1	Unk	ICB		ICB		
3	3	1	3	1	Unk	ICSA		ICSA		
4	4	1	4	1	Unk	ICSAB		ICSAB		
5	5	1	5	1	Unk	CCV053		CCV053		
6	6	1	6	1	Unk	CCB053		CCB053		
7	7	1	7	1	Unk	I5040-18		MA41G5		
8	8	1	8	1	Unk	I5040-19		MA41G6		
9	9	1	9	1	Unk	PB102059BL		PBS002		
10	10	1	10	1	Unk	PB102059BS		LCS002		
11	11	1	11	1	Unk	I5099-01		MBDZS5		
12	12	1	12	1	Unk	I5099-02		MBDZS5D		
13	13	1	1	2	Unk	I5099-03		MBDZS5S		
14	14	1	2	2	Unk	I5099-01LX5		MBDZS5L		
15	15	1	3	2	Unk	I5040-18DLX10		MA41G5		
16	16	1	4	2	Unk	I5040-19DLX10		MA41G6		
17	17	1	5	2	Unk	I5099-04		MBDZS6		
18	18	1	6	2	Unk	I5099-05		MBDZS7		
19	19	1	7	2	Unk	I5099-06		MBDZT4		
20	20	1	8	2	Unk	I5099-07		MBDZT5		
21	21	1	9	2	Unk	I5099-08		MBDZT6		
22	22	1	10	2	Unk	I5040-18DL2X50		MA41G5		
23	23	1	11	2	Unk	I5040-19DL2X50		MA41G6		
24	10	1	10	1	Unk	PB102059BS		LCS002		
25	26	1	2	3	Unk	CCV054		CCV054		
26	27	1	3	3	Unk	CCB054		CCB054		
27	10	1	10	1	Unk	PB102059BS		LCS002		
28	28	1	4	3	Unk	CCV055		CCV055		
29	29	1	5	3	Unk	CCB055		CCB055		

	CorrFact	Check	Check Table	Fail Action
1	1		LR WITH 6 POINT	---
2	1		LR WITH 6 POINT	---
3	1		LR WITH 6 POINT	---
4	1		LR WITH 6 POINT	---
5	1		CCV1	---
6	1		ICB,CCB,PBW,PBS	---
7	1		LR WITH 6 POINT	---
8	1		LR WITH 6 POINT	---
9	1		ICB,CCB,PBW,PBS	---
10	1		LCSS,LCSW	---
11	1		LR WITH 6 POINT	---
12	1		LR WITH 6 POINT	---
13	1		LR WITH 6 POINT	---
14	1		LR WITH 6 POINT	---
15	1		LR WITH 6 POINT	---
16	1		LR WITH 6 POINT	---
17	1		LR WITH 6 POINT	---
18	1		LR WITH 6 POINT	---
19	1		LR WITH 6 POINT	---
20	1		LR WITH 6 POINT	---
21	1		LR WITH 6 POINT	---
22	1		LR WITH 6 POINT	---
23	1		LR WITH 6 POINT	---
24	1		LCSS,LCSW	---
25	1		LR WITH 6 POINT	---
26	1		LR WITH 6 POINT	---
27	1		LCSS,LCSW	---
28	1		CCV1	---
29	1		ICB,CCB,PBW,PBS	---