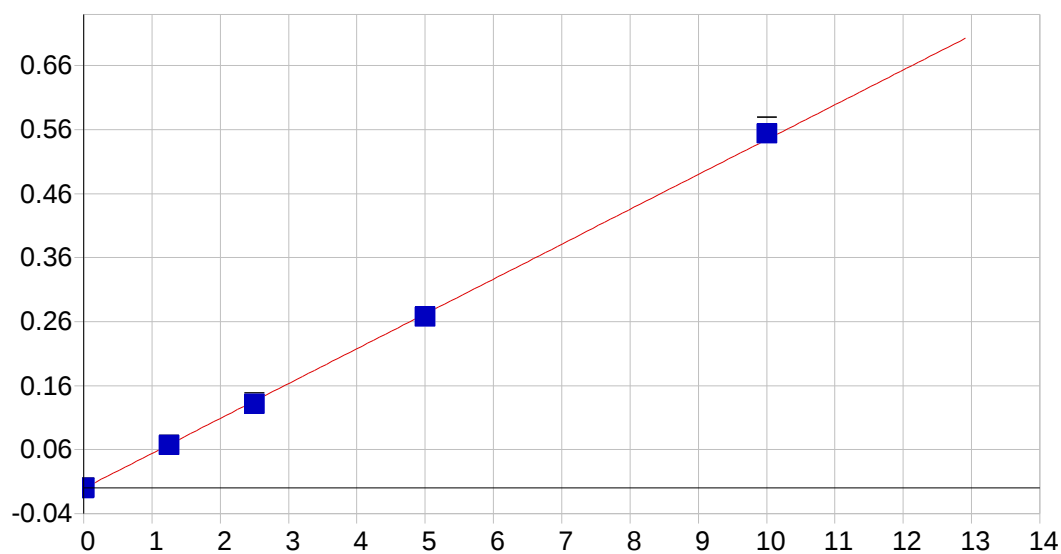


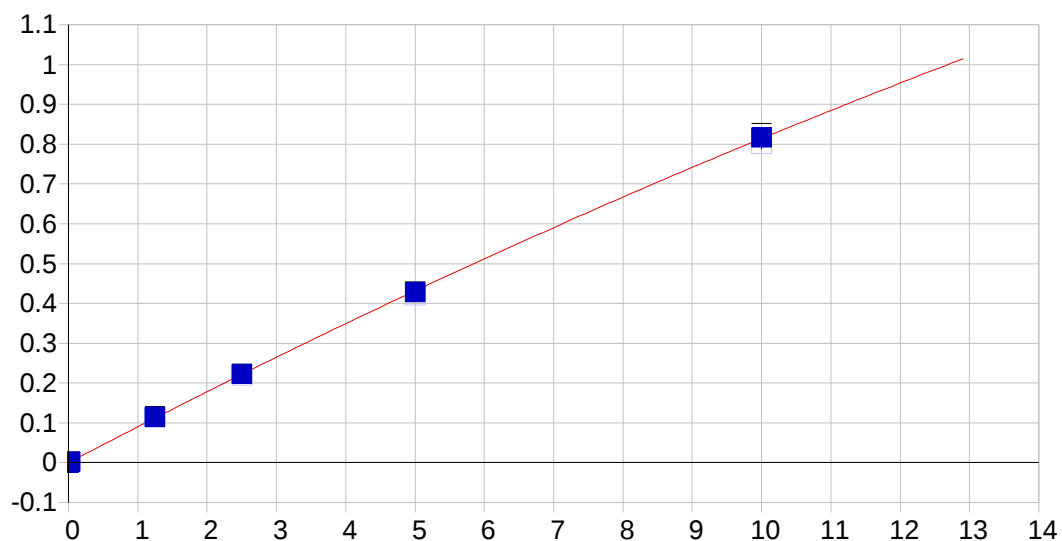


As 189.042 {479}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000248 Re-Slope: 1.000000
 A1 (Gain): 0.054469 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002674
 Predicted MQL: 0.008914

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.01239	.002	23.9	.00043	.000	1
S2	1.2500	1.2311	-.019	-1.51	.06679	.000	1
S3	2.5000	2.4248	-.075	-3.01	.13179	.001	1
S4	5.0000	4.9204	-.080	-1.59	.26769	.000	1
S5	10.000	10.171	.171	1.71	.55362	.010	1

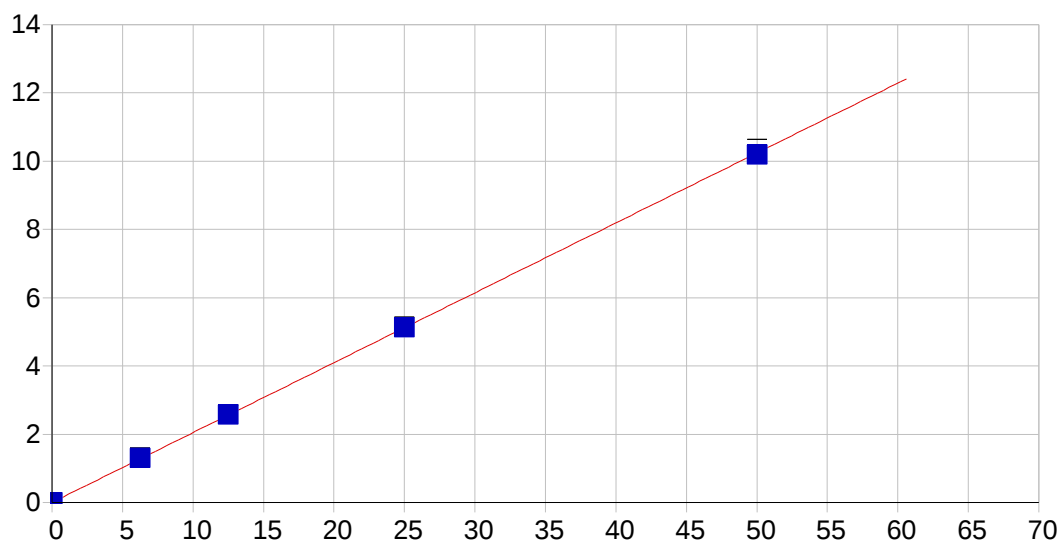


TI 190.856 {477}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000203 Re-Slope: 1.000000
 A1 (Gain): 0.091248 Y-int: 0.000000
 A2 (Curvature): -0.000982
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.001322
 Predicted MQL: 0.004406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02500	.02549	.000	1.95	.00193	.000	1
S2	1.2500	1.2749	.025	2.00	.11246	.001	1
S3	2.5000	2.4992	-.001	-.032	.21757	.001	1
S4	5.0000	4.9527	-.047	-.946	.41935	.002	1
S5	10.000	10.023	.023	.233	.79921	.012	1

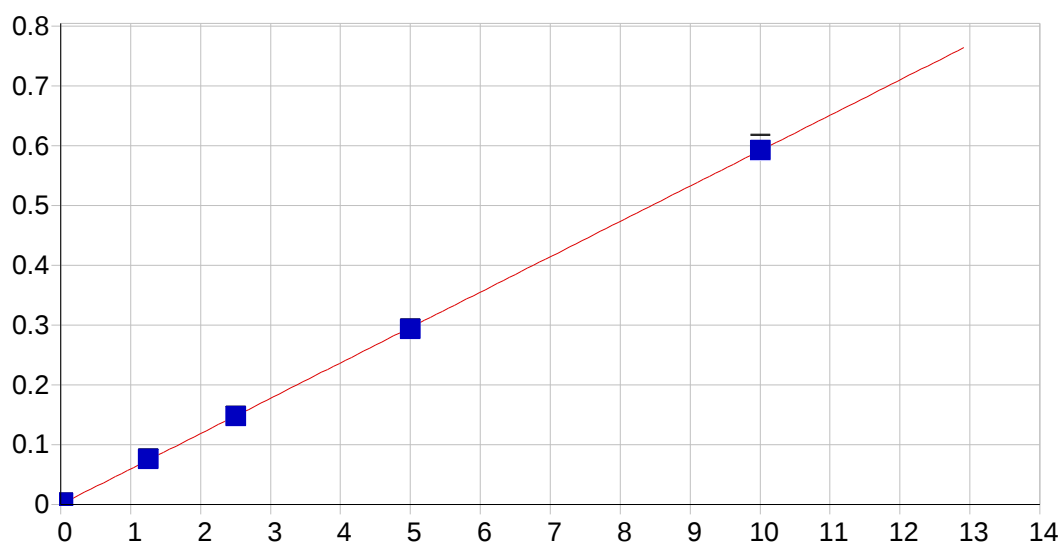


Pb 220.353 {453}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.204809 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.001259
 Predicted MQL: 0.004198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.01033	.000	3.31	.00230	.000	1
S2	6.2500	6.3874	.137	2.20	1.3088	.009	1
S3	12.500	12.536	.036	.291	2.5685	.009	1
S4	25.000	25.059	.059	.234	5.1339	.009	1
S5	50.000	49.767	-.233	-.465	10.196	.150	1



Date of Fit: 5/22/2017 16:25:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000242

Re-Slope: 1.000000

A1 (Gain): 0.059179

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

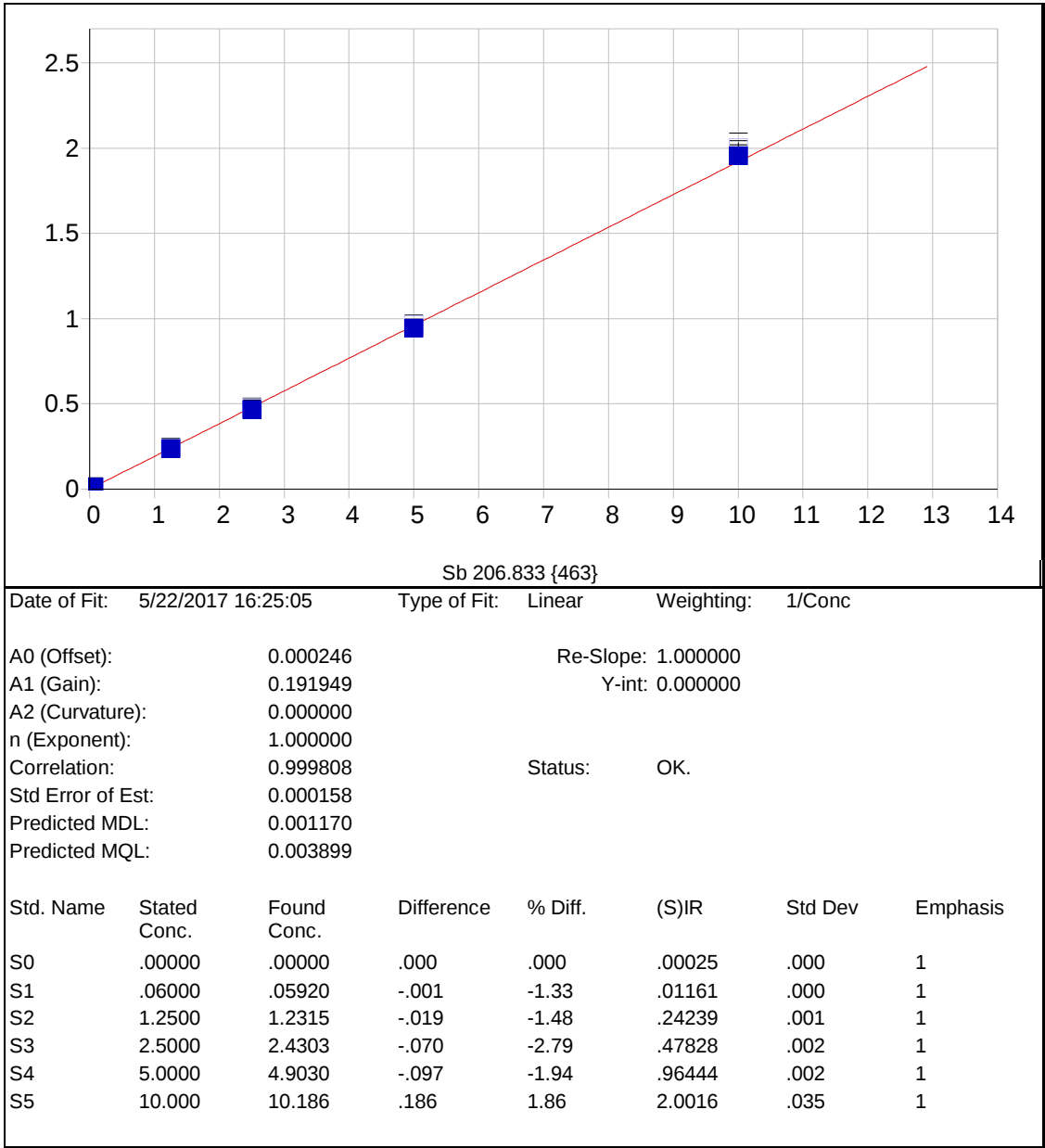
Status: OK.

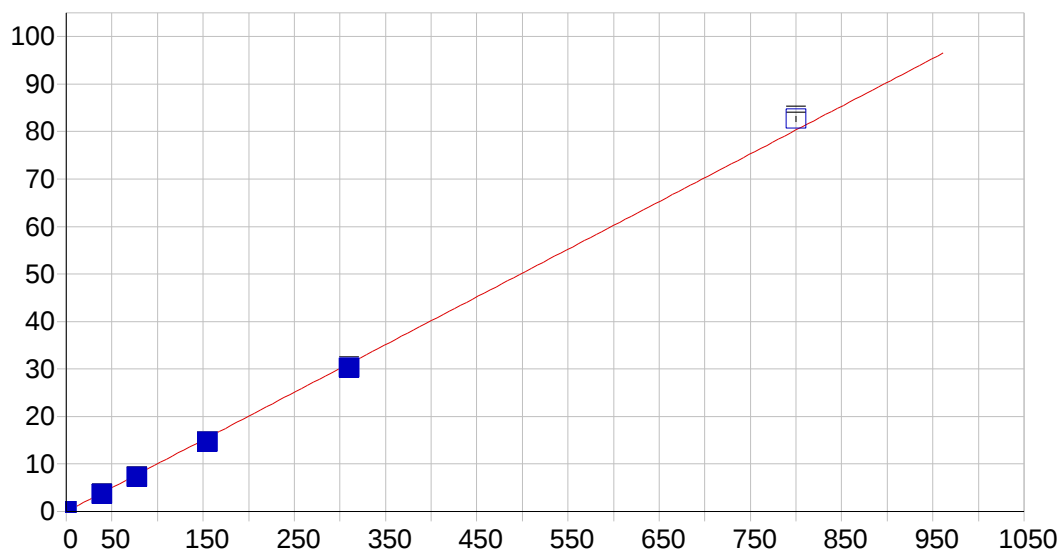
Std Error of Est: 0.000013

Predicted MDL: 0.002754

Predicted MQL: 0.009179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.03500	.03614	.001	3.25	.00238	.000	1
S2	1.2500	1.2765	.027	2.12	.07551	.001	1
S3	2.5000	2.4912	-.009	-.352	.14712	.001	1
S4	5.0000	4.9608	-.039	-.784	.29272	.000	1
S5	10.000	10.020	.020	.204	.59105	.010	1



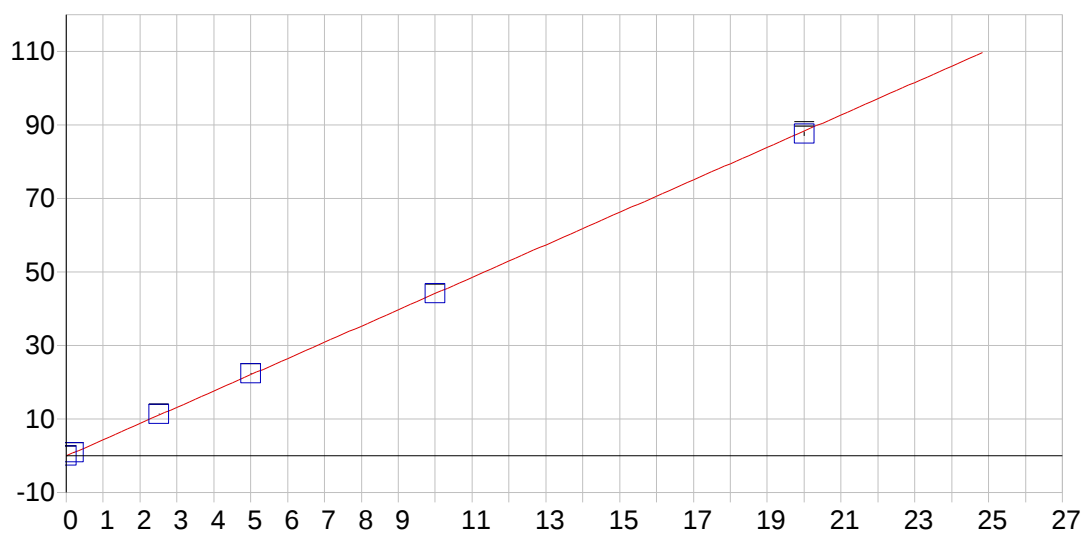


AI 396.152 { 85}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000
 A1 (Gain): 0.100396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999366 Status: OK.
 Std Error of Est: 0.002224
 Predicted MDL: 0.007824
 Predicted MQL: 0.026080

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00050	.000	1
S1	.20000	.19258	-.007	-3.71	.01987	.000	1
S2	38.750	36.986	-1.76	-4.55	3.7184	.023	1
S3	77.500	72.955	-4.54	-5.86	7.3342	.010	1
S4	155.00	146.03	-8.97	-5.79	14.680	.011	1
S5	310.00	301.97	-8.03	-2.59	30.355	.115	1
S6	800.00	823.34	23.3	2.92	82.660	.662	1



Ba 493.409 { 68}

Date of Fit: 5/22/2017 16:25:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.064318

Re-Slope: 1.000000

A1 (Gain): 4.418722

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

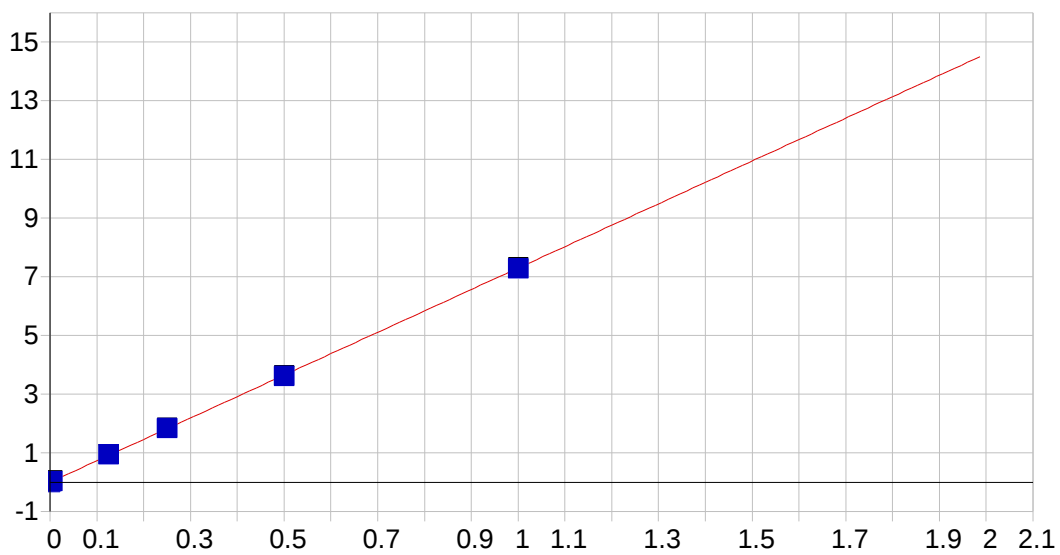
Status: OK.

Std Error of Est: 0.005251

Predicted MDL: 0.000661

Predicted MQL: 0.002203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.06439	.001	1
S1	.20000	.20807	.008	4.04	.85509	.003	1
S2	2.5000	2.5760	.076	3.04	11.318	.035	1
S3	5.0000	5.0677	.068	1.35	22.329	.005	1
S4	10.000	10.001	.001	.006	44.125	.060	1
S5	20.000	19.848	-.152	-.762	87.637	.568	1

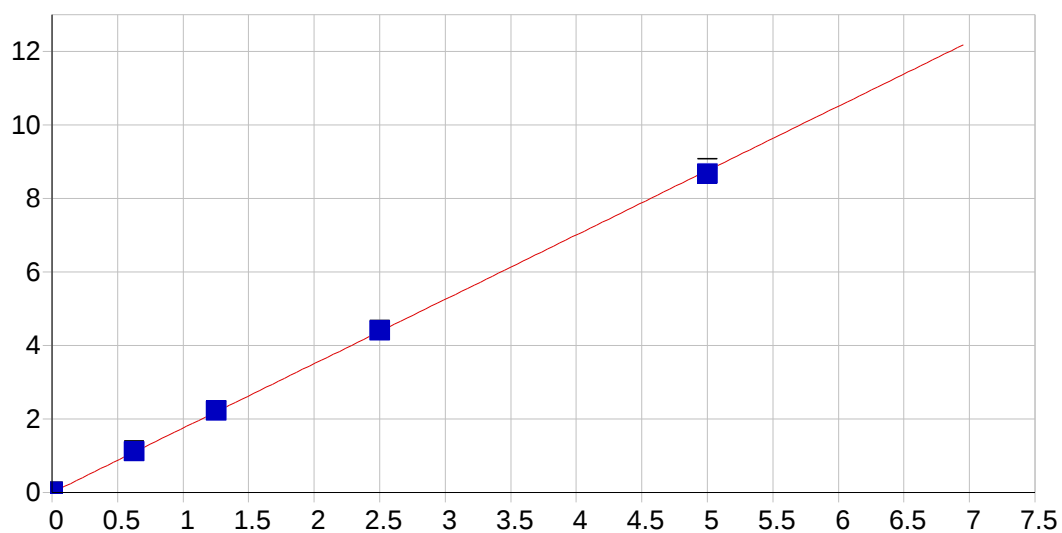


Be 234.861 {144}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002768	Re-Slope: 1.000000
A1 (Gain):	7.301993	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999945	Status: OK.
Std Error of Est:	0.000286	
Predicted MDL:	0.000069	
Predicted MQL:	0.000230	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00277	.001	1
S1	.00500	.00551	.001	10.2	.03744	.001	1
S2	.12500	.12864	.004	2.91	.93349	.003	1
S3	.25000	.25163	.002	.654	1.8285	.012	1
S4	.50000	.49590	-.004	-.820	3.6060	.013	1
S5	1.0000	.99831	-.002	-.169	7.2624	.040	1

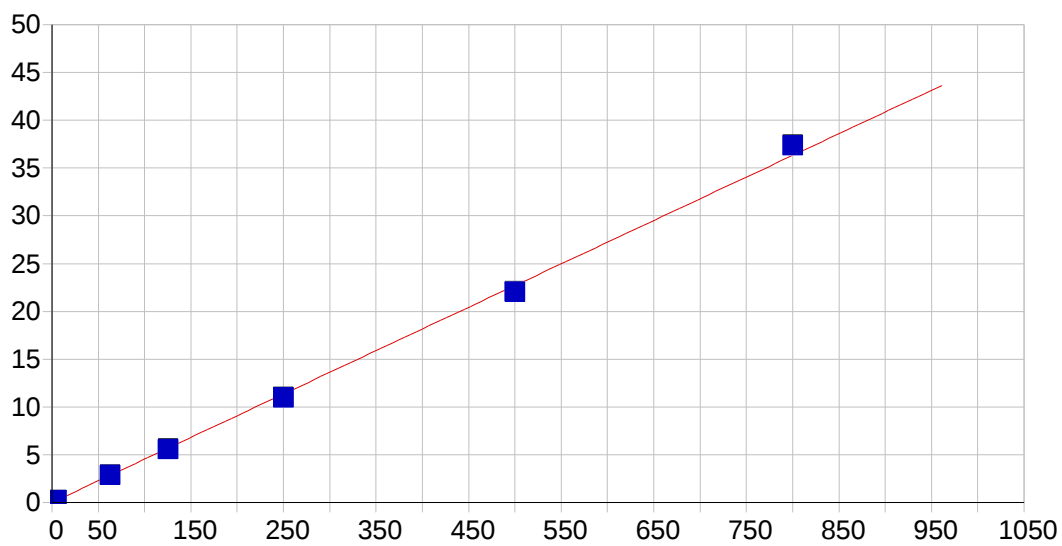


Cd 214.438 {457}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000303 Re-Slope: 1.000000
 A1 (Gain): 1.751557 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.000090
 Predicted MQL: 0.000301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.00500	.00515	.000	2.94	.00932	.000	1
S2	.62500	.64201	.017	2.72	1.1267	.007	1
S3	1.2500	1.2657	.016	1.26	2.2212	.009	1
S4	2.5000	2.5156	.016	.625	4.4142	.007	1
S5	5.0000	4.9515	-.049	-.970	8.6884	.128	1

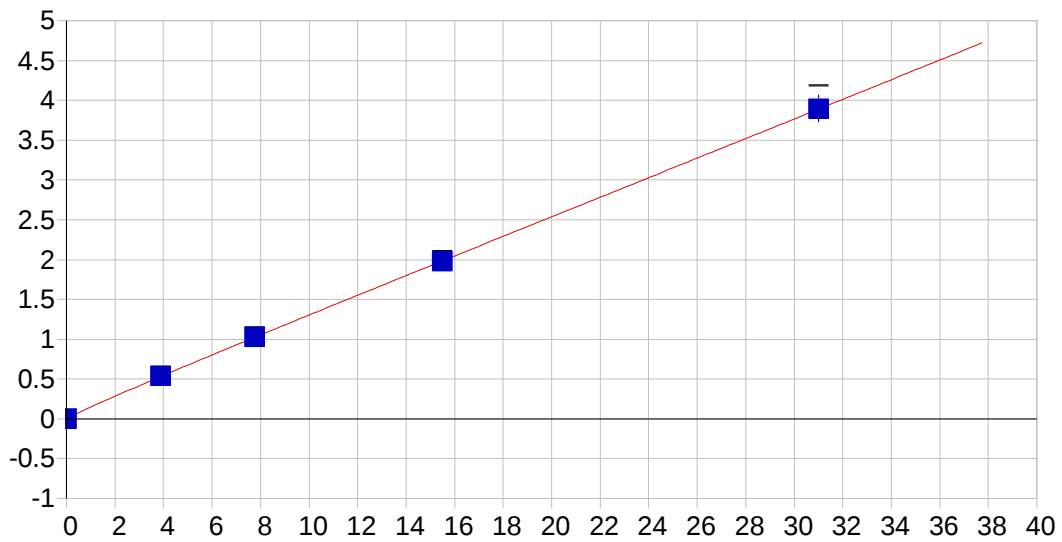


Ca 373.690 { 90}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001733 Re-Slope: 1.000000
 A1 (Gain): 0.045399 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999602 Status: OK.
 Std Error of Est: 0.004465
 Predicted MDL: 0.013442
 Predicted MQL: 0.044808

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00173	.001	1
S1	5.0000	5.1485	.149	2.97	.23546	.001	1
S2	62.500	63.341	.841	1.35	2.8739	.020	1
S3	125.00	123.02	-1.98	-1.59	5.5797	.015	1
S4	250.00	242.06	-7.94	-3.18	10.977	.023	1
S5	500.00	485.71	-14.3	-2.86	22.025	.071	1
S6	800.00	823.25	23.2	2.91	37.303	.077	1

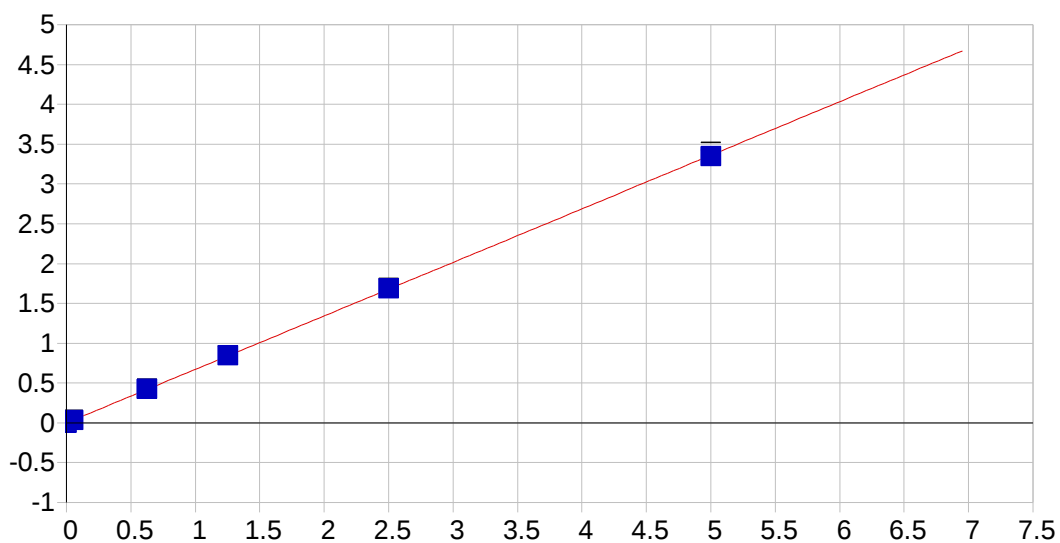


Cr 267.716 {126}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.147291 Y-int: 0.000000
 A2 (Curvature): 0.000272
 n (Exponent): 0.940000
 Correlation: 0.999980 Status: Warning Positive Curvature
 Std Error of Est: 0.000034
 Predicted MDL: 0.000374
 Predicted MQL: 0.001248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.00732	-.003	-26.8	.00147	.000	1
S2	3.8750	3.9081	.033	.855	.53544	.002	1
S3	7.7500	7.7700	.020	.259	1.0278	.002	1
S4	15.500	15.413	-.087	-.562	1.9790	.011	1
S5	31.000	31.036	.036	.115	3.9051	.166	1

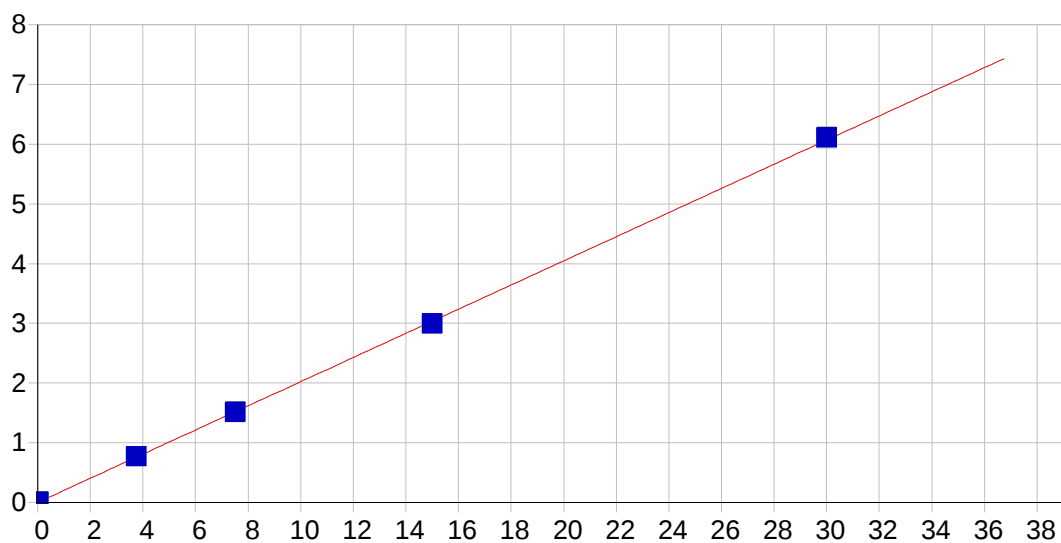


Co 228.616 {448}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000311 Re-Slope: 1.000000
 A1 (Gain): 0.672013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000241
 Predicted MQL: 0.000804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.05000	.04836	-.002	-3.28	.03231	.000	1
S2	.62500	.63378	.009	1.41	.42648	.002	1
S3	1.2500	1.2548	.005	.385	.84469	.003	1
S4	2.5000	2.5057	.006	.229	1.6871	.003	1
S5	5.0000	4.9823	-.018	-.354	3.3549	.049	1



Cu 324.754 {104}

Date of Fit: 5/22/2017 16:25:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001062

Re-Slope: 1.000000

A1 (Gain): 0.202219

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999953

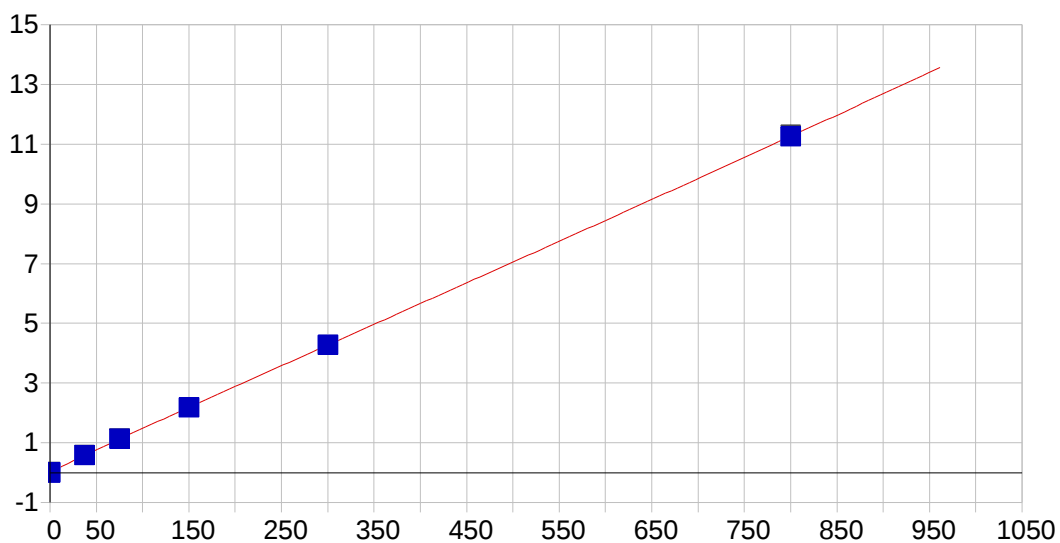
Status: OK.

Std Error of Est: 0.000089

Predicted MDL: 0.002077

Predicted MQL: 0.006925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00106	.000	1
S1	.02500	.02451	.000	-1.95	.00599	.000	1
S2	3.7500	3.8099	.060	1.60	.76933	.003	1
S3	7.5000	7.4675	-.033	-.433	1.5068	.002	1
S4	15.000	14.789	-.211	-1.41	2.9830	.003	1
S5	30.000	30.184	.184	.615	6.0876	.013	1

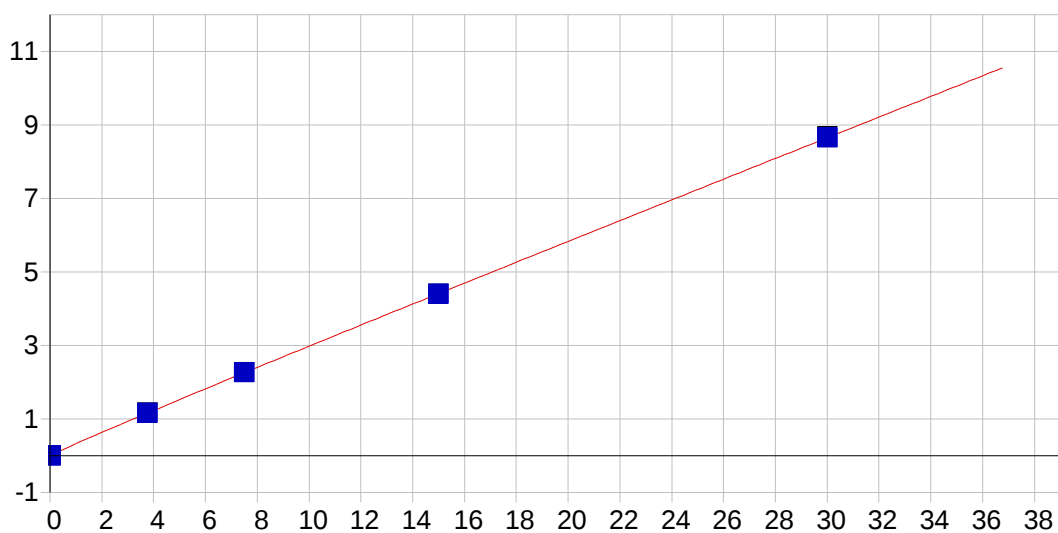


Fe 259.837 {130}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.018483 Y-int: 0.000000
 A2 (Curvature): 0.000002
 n (Exponent): 0.950000
 Correlation: 0.999994 Status: Warning Positive Curvature
 Std Error of Est: 0.000028
 Predicted MDL: 0.011663
 Predicted MQL: 0.038877

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00012	.000	1
S1	.10000	.07297	-.027	-27.0	.00167	.000	1
S2	37.500	37.552	.052	.138	.58196	.003	1
S3	75.000	75.153	.153	.204	1.1286	.007	1
S4	150.00	149.50	-.495	-.330	2.1826	.002	1
S5	300.00	300.43	.431	.144	4.2865	.012	1
S6	800.00	799.91	-.088	-.011	11.267	.038	1



Mn 257.610 {131}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000092

Re-Slope: 1.000000

A1 (Gain): 0.325066

Y-int: 0.000000

A2 (Curvature): 0.000204

n (Exponent): 0.960000

Correlation: 0.999993

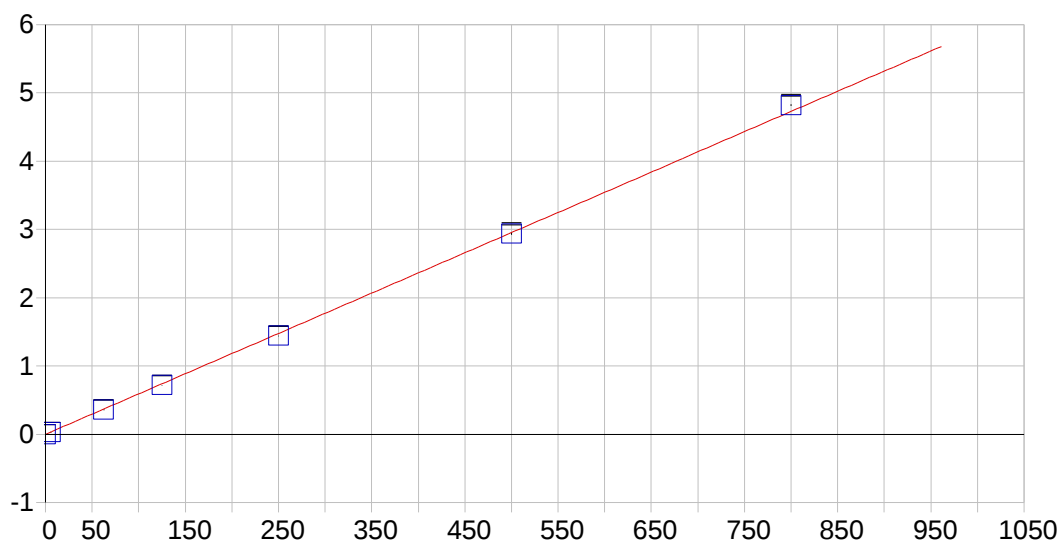
Status: Warning Positive Curvature

Std Error of Est: 0.000054

Predicted MDL: 0.000737

Predicted MQL: 0.002456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01500	.01303	-.002	-13.1	.00495	.000	1
S2	3.7500	3.7700	.020	.533	1.1649	.009	1
S3	7.5000	7.5134	.013	.179	2.2633	.008	1
S4	15.000	14.946	-.054	-.357	4.3981	.008	1
S5	30.000	30.022	.022	.072	8.6594	.026	1



Mg 279.079 {121}

Date of Fit: 5/22/2017 16:25:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000270

Re-Slope: 1.000000

A1 (Gain): 0.005910

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999803

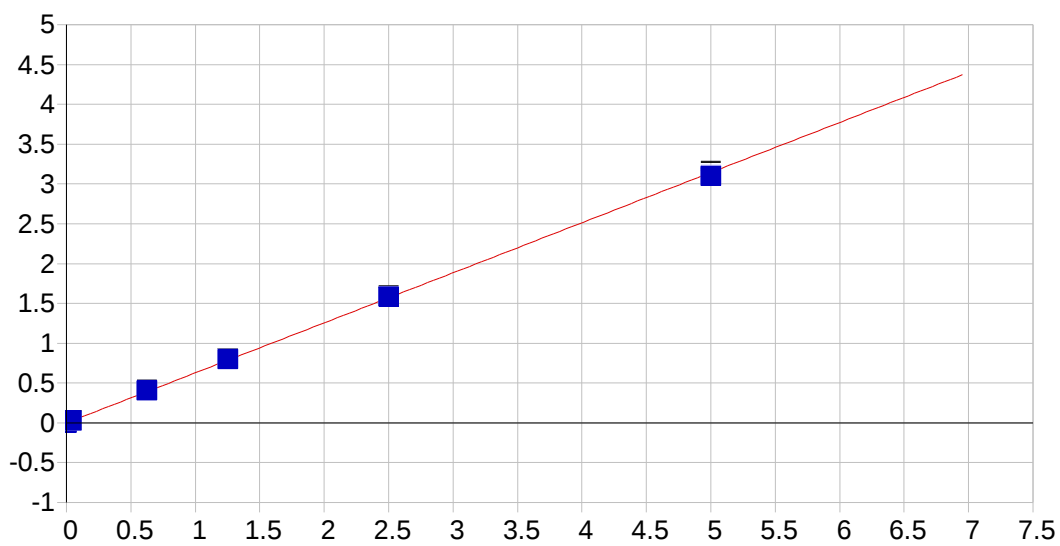
Status: OK.

Std Error of Est: 0.000410

Predicted MDL: 0.041412

Predicted MQL: 0.138039

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	-.00027	.000	1
S1	5.0000	4.9046	-.095	-1.91	.02871	.000	1
S2	62.500	60.380	-2.12	-3.39	.35655	.002	1
S3	125.00	121.21	-3.79	-3.03	.71603	.005	1
S4	250.00	243.57	-6.43	-2.57	1.4392	.004	1
S5	500.00	496.65	-3.35	-.671	2.9347	.016	1
S6	800.00	815.79	15.8	1.97	4.8207	.011	1

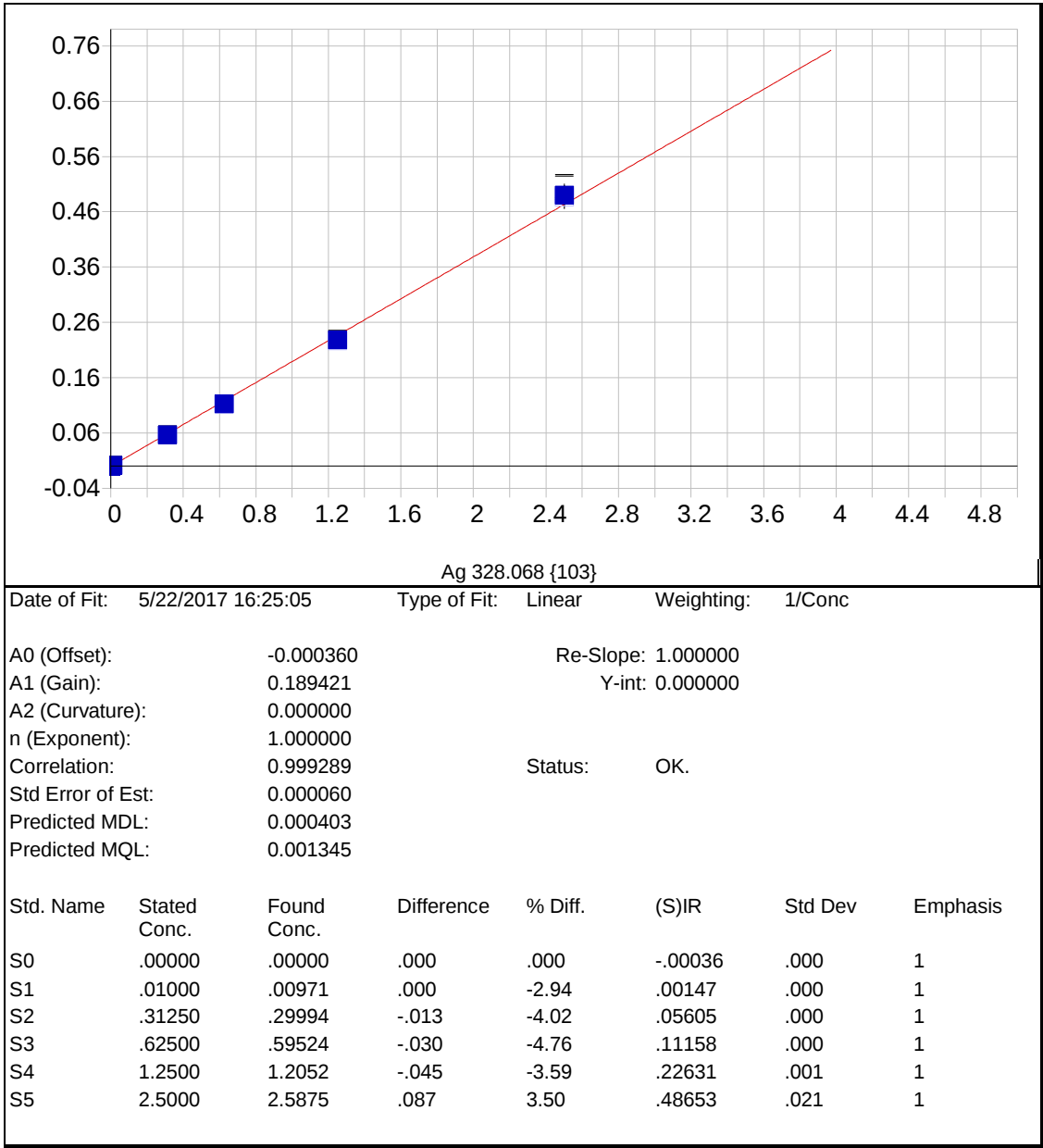


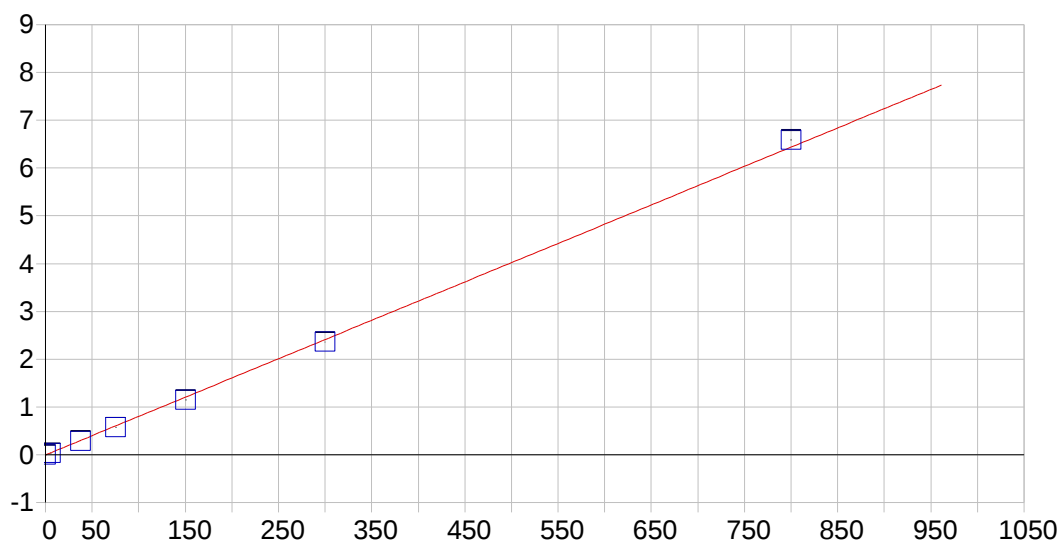
Ni 231.604 {446}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000690 Re-Slope: 1.000000
 A1 (Gain): 0.628673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000245
 Predicted MDL: 0.000338
 Predicted MQL: 0.001125

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.04000	.04079	.001	1.97	.02499	.000	1
S2	.62500	.64868	.024	3.79	.40919	.002	1
S3	1.2500	1.2747	.025	1.97	.80479	.002	1
S4	2.5000	2.5205	.021	.821	1.5922	.006	1
S5	5.0000	4.9303	-.070	-1.39	3.1154	.047	1





Na 818.326 { 41}

Date of Fit: 5/22/2017 16:25:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003212

Re-Slope: 1.000000

A1 (Gain): 0.008048

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999571

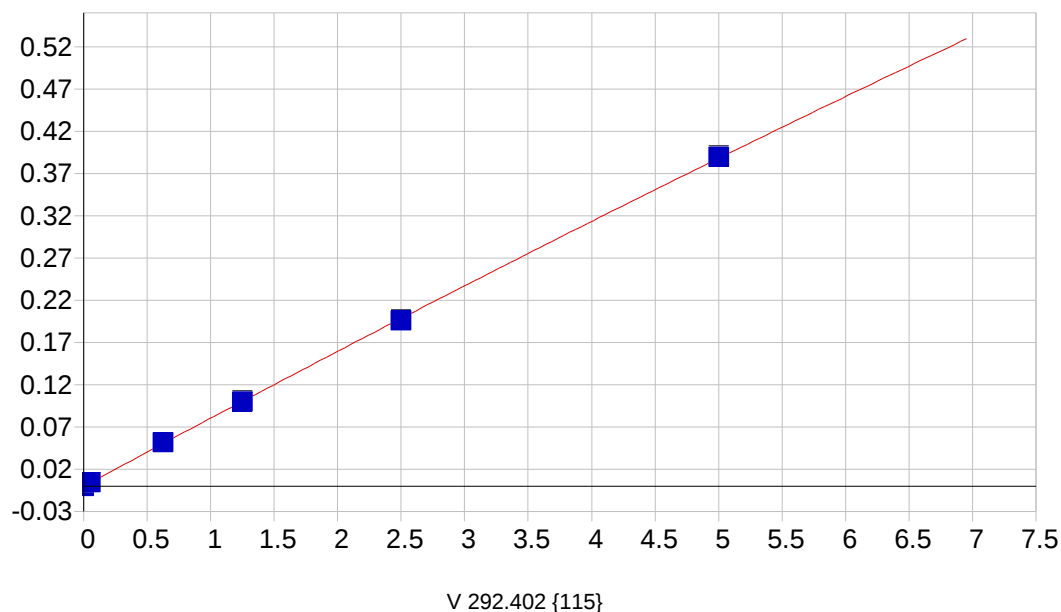
Status: OK.

Std Error of Est: 0.000729

Predicted MDL: 0.193789

Predicted MQL: 0.645964

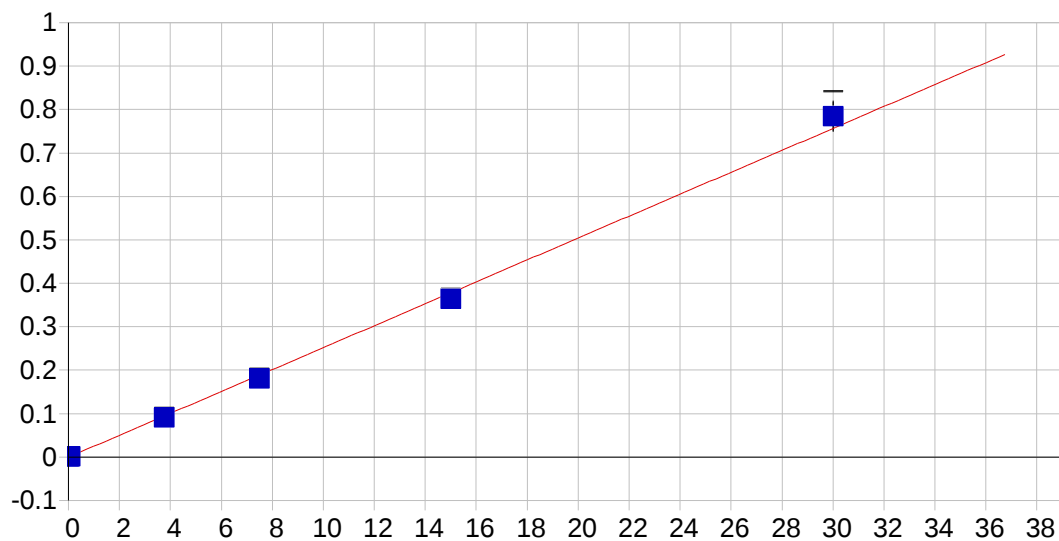
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00097	.001	.000	-.00320	.001	1
S1	5.0000	4.6644	-.336	-6.71	.03433	.000	1
S2	37.500	36.320	-1.18	-3.15	.28909	.003	1
S3	75.000	71.415	-3.58	-4.78	.57154	.002	1
S4	150.00	142.65	-7.35	-4.90	1.1449	.002	1
S5	300.00	293.58	-6.42	-2.14	2.3595	.009	1
S6	800.00	818.87	18.9	2.36	6.5870	.013	1



Date of Fit: 5/22/2017 16:25:05 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.081361 Y-int: 0.000000
 A2 (Curvature): -0.000748
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.003853
 Predicted MQL: 0.012844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00029	.000	1
S1	.05000	.05700	.007	14.0	.00436	.000	1
S2	.62500	.64031	.015	2.45	.05171	.000	1
S3	1.2500	1.2463	-.004	-.299	.10037	.001	1
S4	2.5000	2.4635	-.036	-1.46	.19645	.001	1
S5	5.0000	5.0180	.018	.361	.39084	.000	1

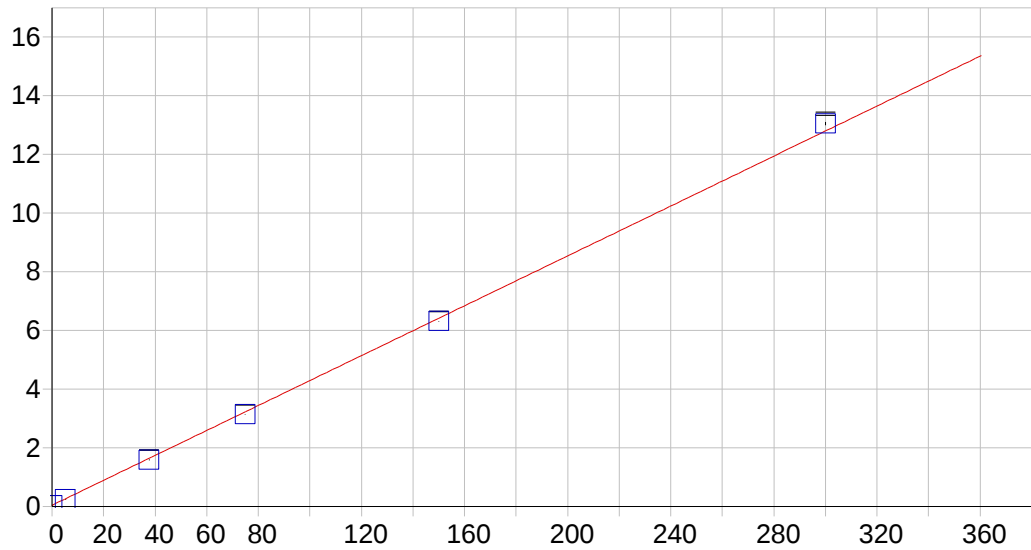


Zn 213.856 {158}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000452 Re-Slope: 1.000000
 A1 (Gain): 0.025234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999249 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.016552
 Predicted MQL: 0.055174

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00045	.000	1
S1	.06000	.04906	-.011	-18.2	.00079	.000	1
S2	3.7500	3.6084	-.142	-3.78	.09083	.001	1
S3	7.5000	7.1489	-.351	-4.68	.18040	.002	1
S4	15.000	14.422	-.578	-3.85	.36438	.001	1
S5	30.000	31.081	1.08	3.60	.78567	.035	1

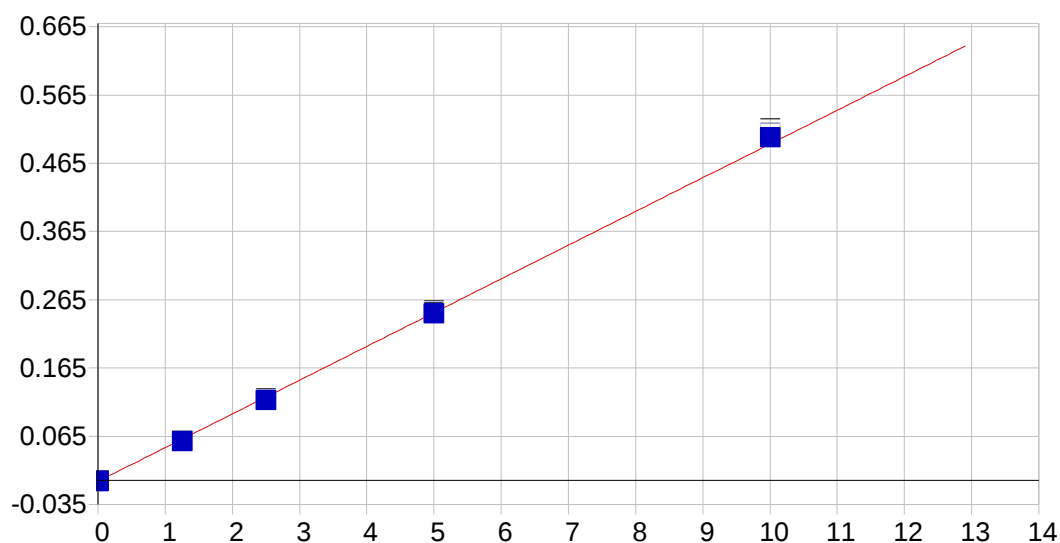


K 769.896 { 44}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.040125 Re-Slope: 1.000000
 A1 (Gain): 0.042528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757 Status: OK.
 Std Error of Est: 0.001932
 Predicted MDL: 0.038448
 Predicted MQL: 0.128161

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00053	.001	.000	.04015	.002	1
S1	5.0000	4.7574	-.243	-4.85	.24245	.002	1
S2	37.500	36.321	-1.18	-3.14	1.5848	.002	1
S3	75.000	72.837	-2.16	-2.88	3.1377	.006	1
S4	150.00	147.51	-2.49	-1.66	6.3134	.017	1
S5	300.00	306.07	6.07	2.02	13.057	.057	1



P 177.495 {490}

Date of Fit: 5/22/2017 16:25:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001085

Re-Slope: 1.000000

A1 (Gain): 0.049438

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999705

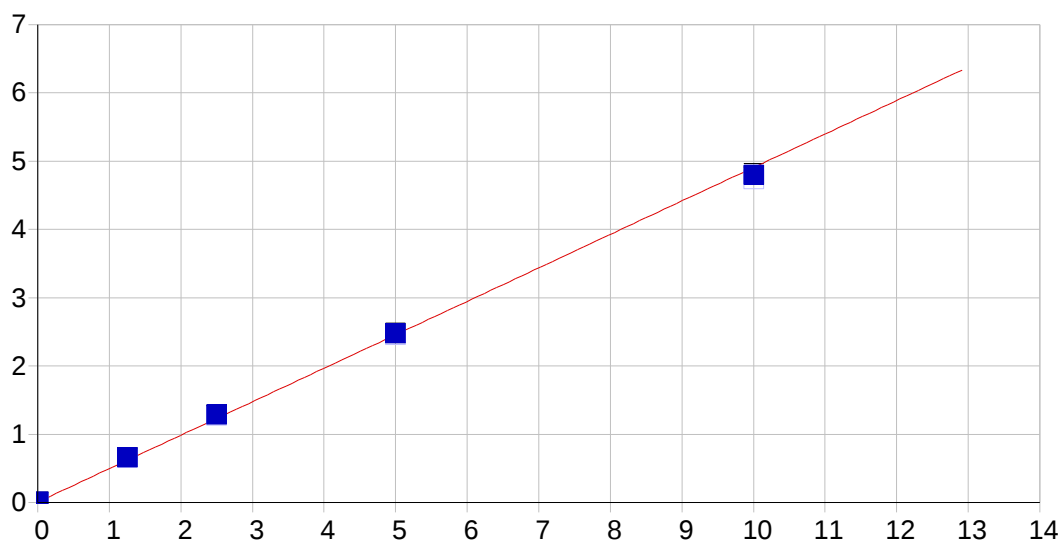
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.002058

Predicted MQL: 0.006859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00108	.000	1
S1	.01000	.01210	.002	21.0	-.00048	.000	1
S2	1.2500	1.1787	-.071	-5.71	.05799	.000	1
S3	2.5000	2.4098	-.090	-3.61	.11965	.001	1
S4	5.0000	4.9737	-.026	-.526	.24800	.001	1
S5	10.000	10.186	.186	1.86	.50887	.007	1

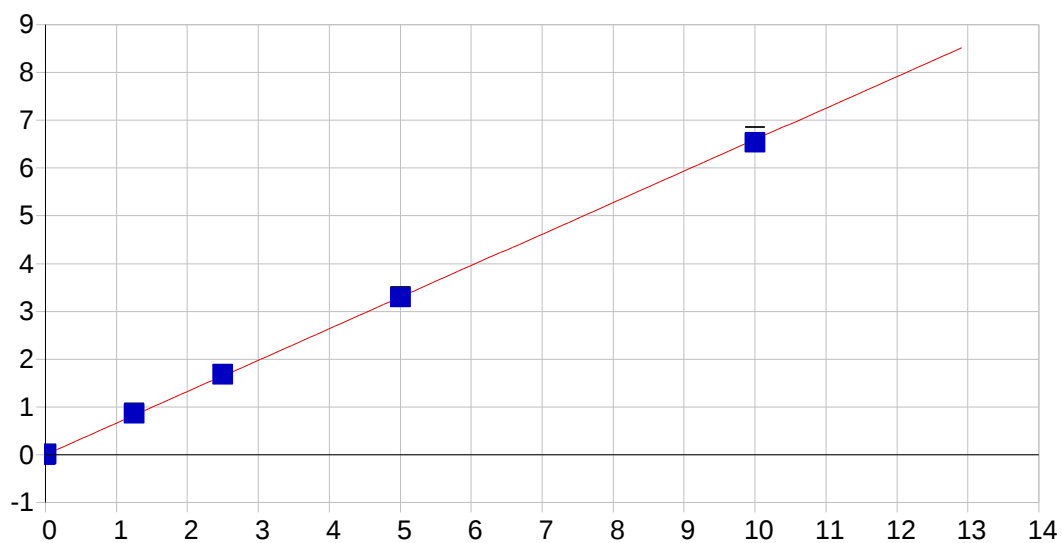


B 249.678 {135}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005416 Re-Slope: 1.000000
 A1 (Gain): 0.490276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999587 Status: OK.
 Std Error of Est: 0.000233
 Predicted MDL: 0.000985
 Predicted MQL: 0.003282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00542	.000	1
S1	.01000	.00911	-.001	-8.85	.00990	.000	1
S2	1.2500	1.3259	.076	6.07	.64780	.002	1
S3	2.5000	2.6094	.109	4.38	1.2694	.004	1
S4	5.0000	5.0445	.045	.891	2.4479	.004	1
S5	10.000	9.7710	-.229	-2.29	4.7345	.024	1

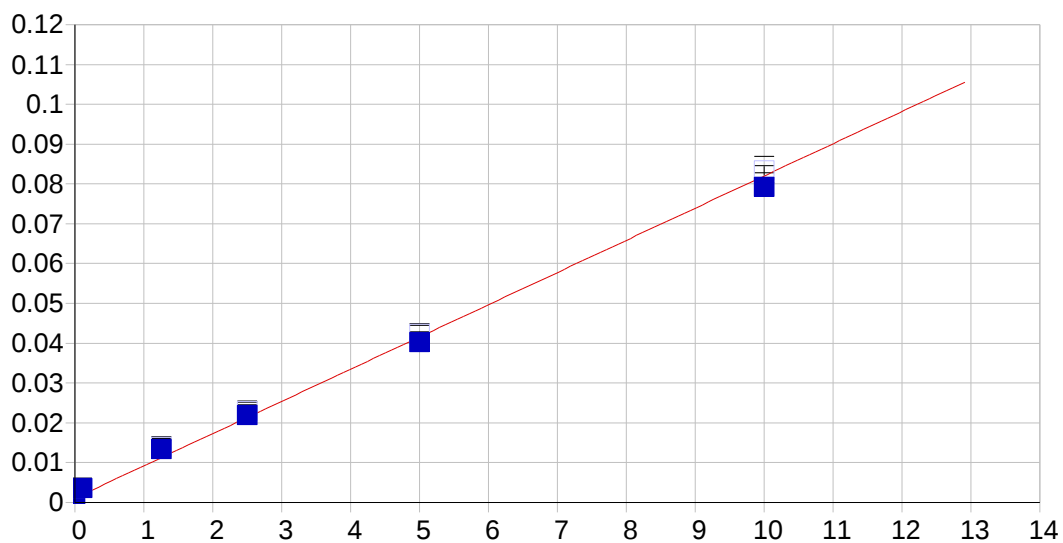


Mo 202.030 {467}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.659500 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.000273
 Predicted MQL: 0.000911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.01125	.001	12.5	.00755	.000	1
S2	1.2500	1.3073	.057	4.59	.86304	.003	1
S3	2.5000	2.5411	.041	1.64	1.6775	.004	1
S4	5.0000	4.9938	-.006	-.124	3.2965	.011	1
S5	10.000	9.9065	-.094	-.935	6.5394	.115	1

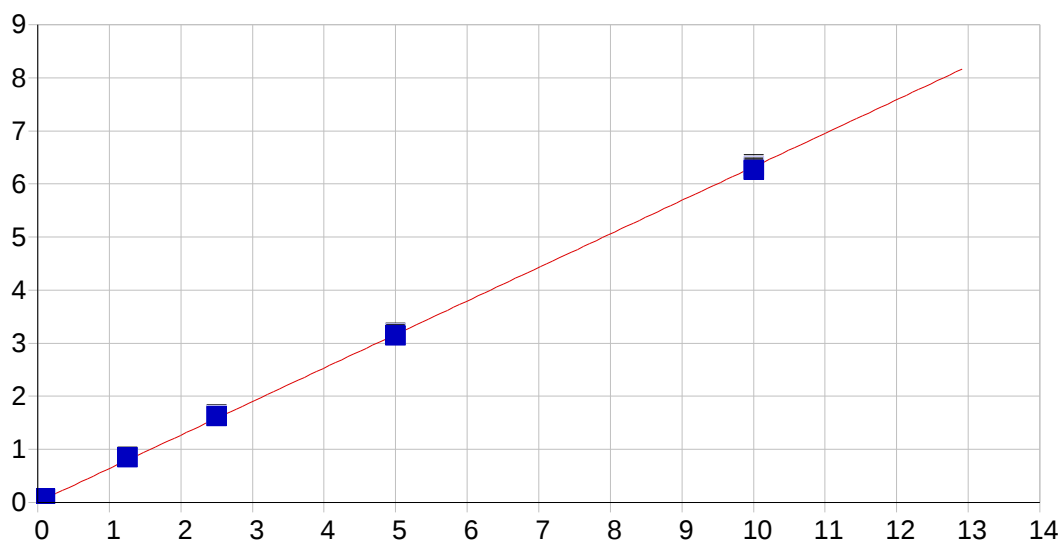


S 182.034 {485}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001118 Re-Slope: 1.000000
 A1 (Gain): 0.008090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.988437 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.011411
 Predicted MQL: 0.038036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	.000	.000	.00112	.000	1
S1	.10000	.30381	.204	204.	.00358	.000	1
S2	1.2500	1.5098	.260	20.8	.01385	.000	1
S3	2.5000	2.5652	.065	2.61	.02290	.000	1
S4	5.0000	4.8283	-.172	-3.43	.04224	.000	1
S5	10.000	9.6523	-.348	-3.48	.08332	.001	1



Si 251.611 {134}

Date of Fit: 5/22/2017 16:25:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006773

Re-Slope: 1.000000

A1 (Gain): 0.631533

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999821

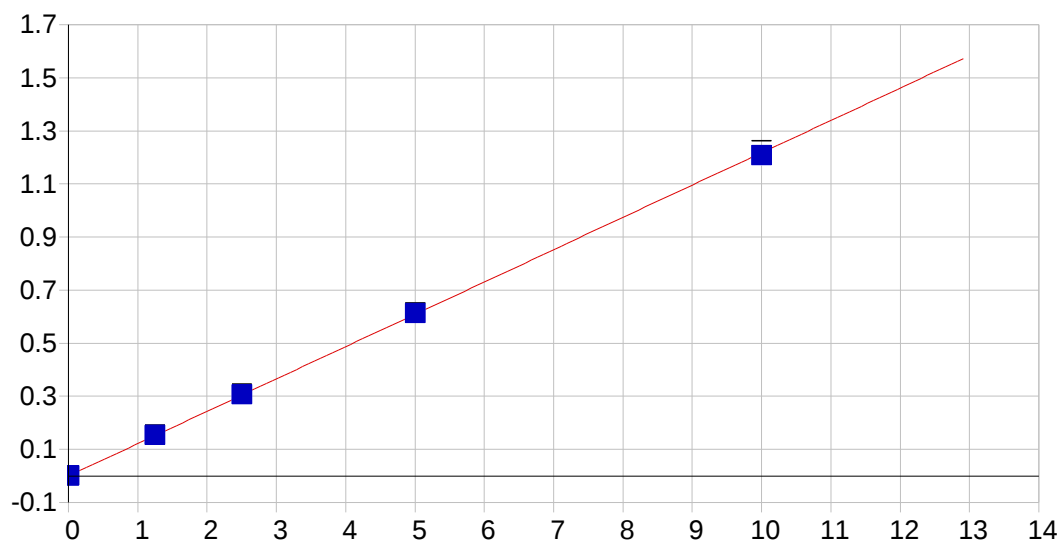
Status: OK.

Std Error of Est: 0.000643

Predicted MDL: 0.000899

Predicted MQL: 0.002996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00677	.000	1
S1	.10000	.10318	.003	3.18	.07216	.001	1
S2	1.2500	1.3242	.074	5.94	.85236	.003	1
S3	2.5000	2.5547	.055	2.19	1.6387	.014	1
S4	5.0000	4.9686	-.031	-.629	3.1818	.016	1
S5	10.000	9.8994	-.101	-1.01	6.3329	.028	1

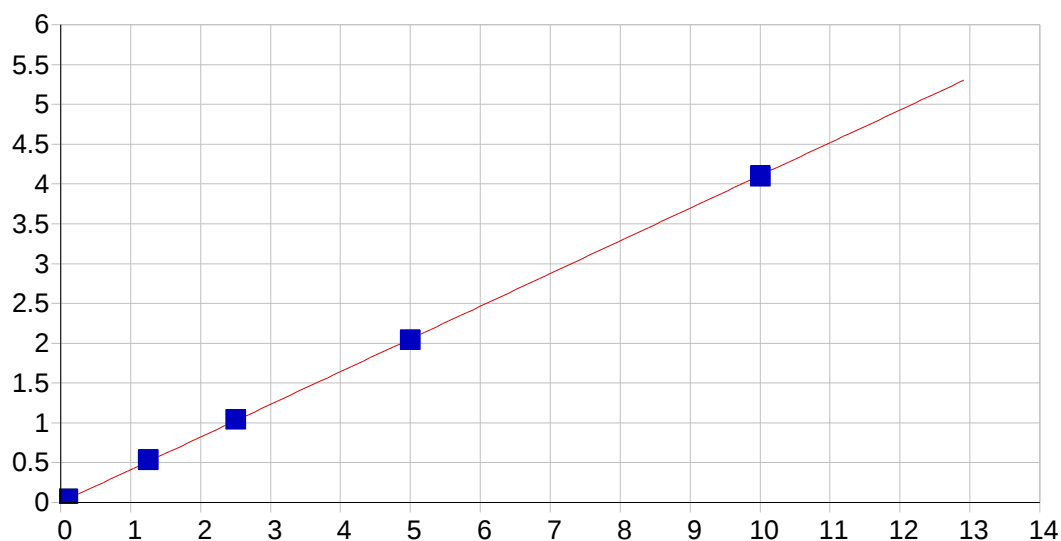


Sn 189.989 {478}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.121756 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.000866
 Predicted MQL: 0.002888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00700	.00658	.000	-6.05	.00083	.000	1
S2	1.2500	1.2711	.021	1.68	.15468	.001	1
S3	2.5000	2.5231	.023	.923	.30700	.001	1
S4	5.0000	5.0385	.039	.770	.61303	.001	1
S5	10.000	9.9178	-.082	-.822	1.2066	.019	1

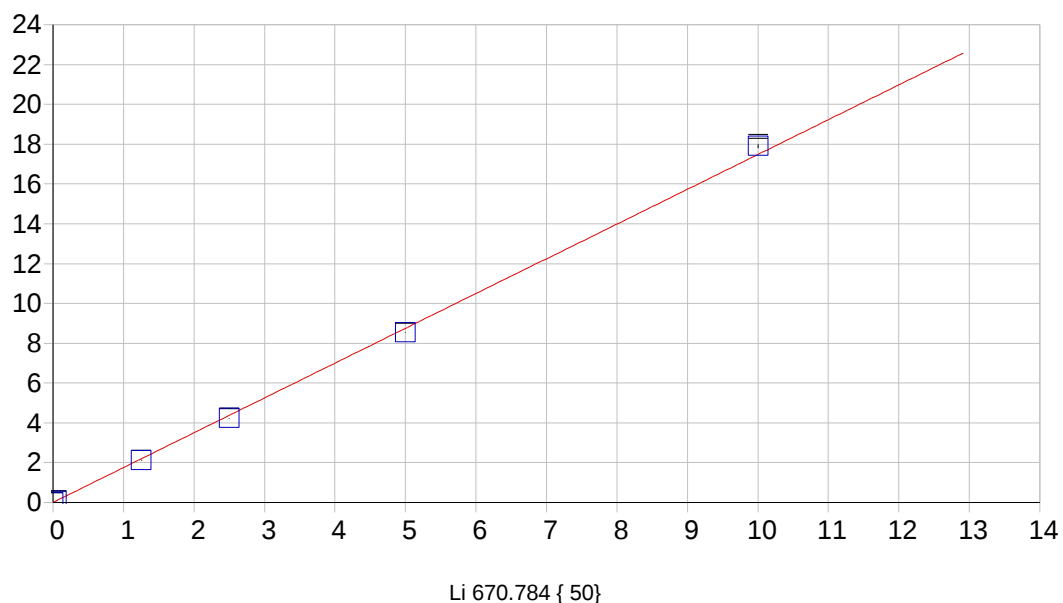


Ti 336.121 {100}

Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001321 Re-Slope: 1.000000
 A1 (Gain): 0.410551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.001135
 Predicted MQL: 0.003784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00132	.000	1
S1	.10000	.10412	.004	4.12	.04406	.001	1
S2	1.2500	1.2915	.042	3.32	.53138	.003	1
S3	2.5000	2.5273	.027	1.09	1.0386	.004	1
S4	5.0000	4.9661	-.034	-.677	2.0395	.001	1
S5	10.000	9.9609	-.039	-.391	4.0894	.012	1



Date of Fit: 5/22/2017 16:25:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007531 Re-Slope: 1.000000
 A1 (Gain): 1.747561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.001678
 Predicted MDL: 0.000937
 Predicted MQL: 0.003125

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00754	.001	1
S5	10.000	10.238	.238	2.38	17.899	.107	1
S4	5.0000	4.8815	-.118	-2.37	8.5383	.013	1
S3	2.5000	2.4181	-.082	-3.28	4.2332	.005	1
S2	1.2500	1.2152	-.035	-2.78	2.1313	.004	1
S1	.05000	.04704	-.003	-5.91	.08974	.001	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Status: Warning Zero Gain

The figure displays a plot of the function $f(x) = x^2 \cdot \exp(-x)$. The horizontal axis (x-axis) spans from -2×10^{35} to 1.3×10^{36} , while the vertical axis (y-axis) spans from 0 to 1. A grid is present for both axes. A single red dot is plotted at the origin $(0, 1)$, representing the global maximum of the function.

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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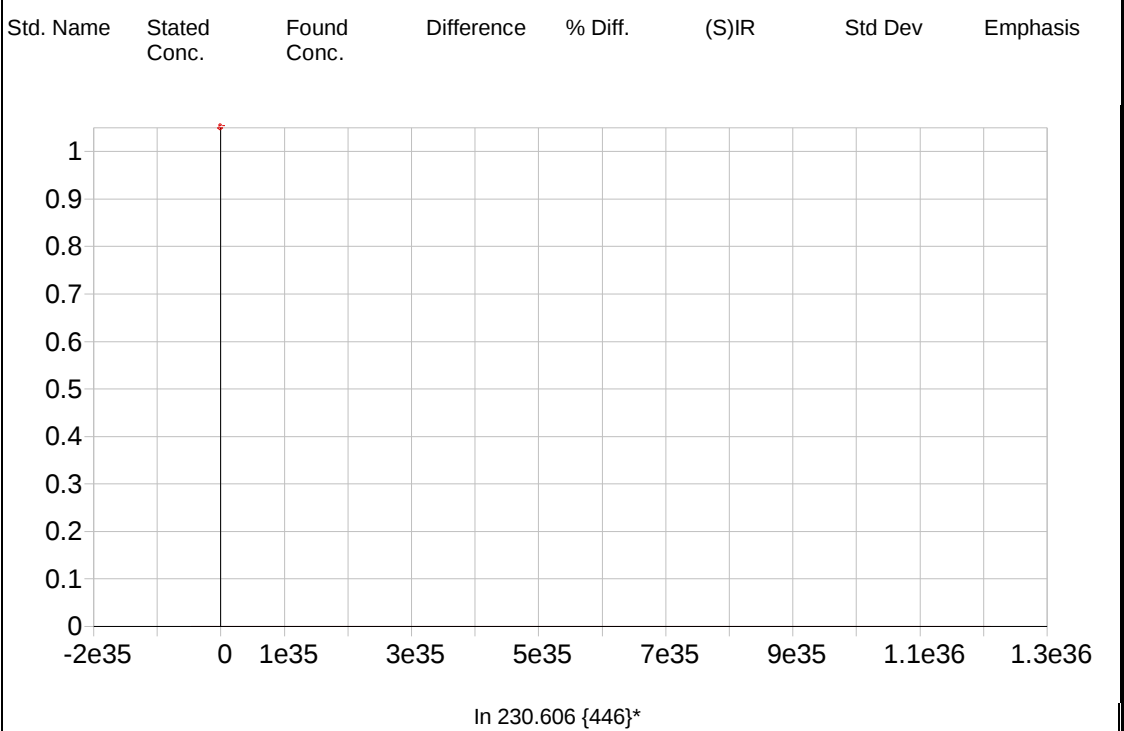
Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

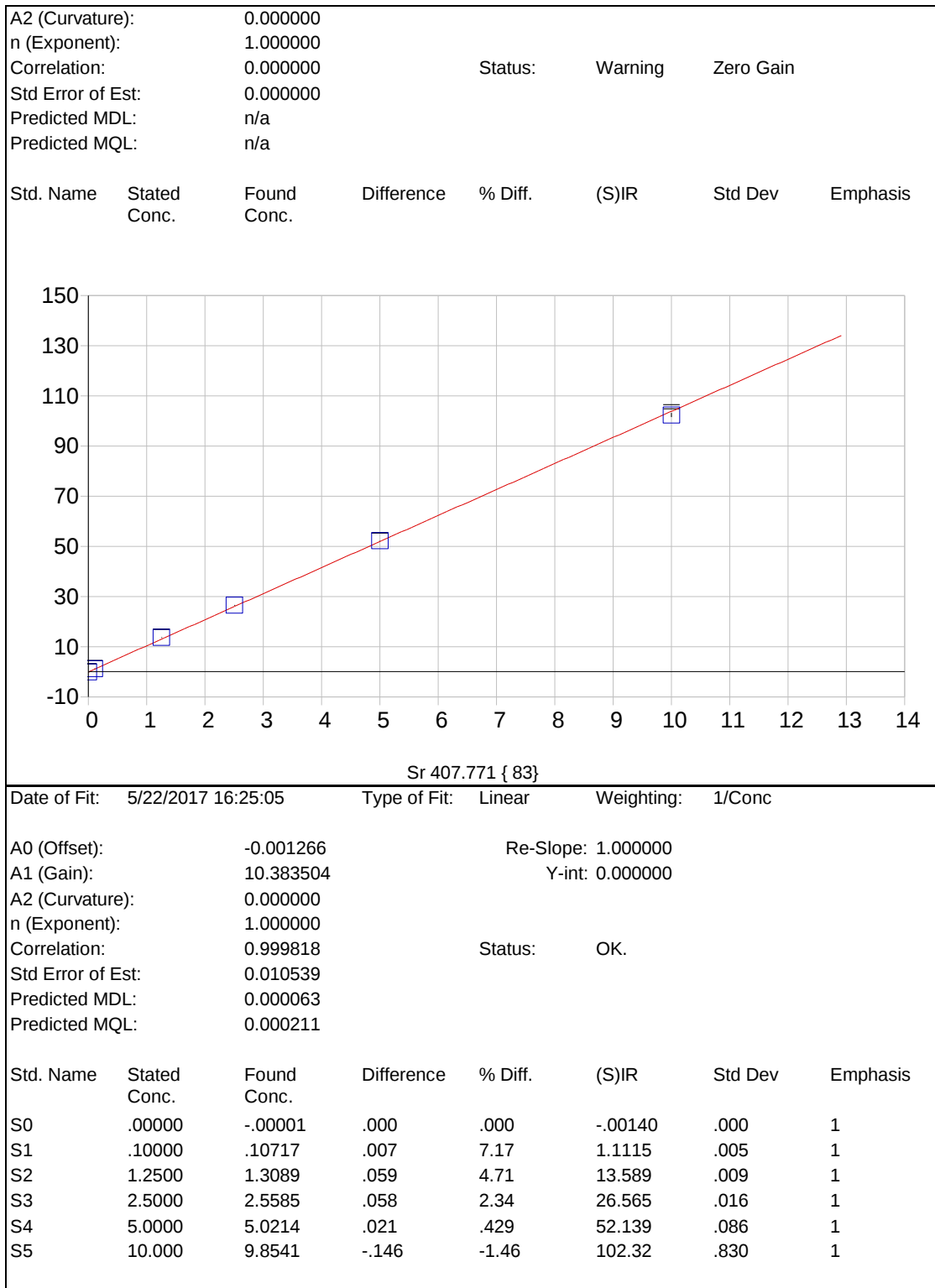
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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	



A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 5/22/2017 15:47:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	-.00025	-.00020	.00019	.00024	.00025	.00050	-.06439	-.00277
Stddev	.00012	.00013	.00014	.00005	.00015	.00035	.00094	.00066
%RSD	48.617	63.473	72.042	20.189	59.349	70.321	1.4544	23.787

#1	-.00035	-.00032	.00006	.00029	.00031	.00018	-.06544	-.00264
#2	-.00012	-.00022	.00017	.00019	.00035	.00044	-.06405	-.00349
#3	-.00027	-.00006	.00033	.00025	.00008	.00088	-.06366	-.00219

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	.00030	.00173	.00001	-.00031	.00106	.00012	-.00009	-.00027
Stddev	.00005	.00062	.00002	.00005	.00018	.00018	.00016	.00012
%RSD	17.118	35.882	289.85	14.867	17.302	150.42	178.75	46.144

#1	.00025	.00169	.00000	-.00036	.00085	.00012	-.00026	-.00028
#2	.00036	.00114	.00003	-.00031	.00120	-.00006	.00006	-.00038
#3	.00030	.00238	-.00001	-.00027	.00114	.00030	-.00007	-.00014

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00069	-.00036	-.00320	-.00029	-.00045	.04015	-.00108	.00542
Stddev	.00025	.00008	.00095	.00015	.00004	.00177	.00005	.00021
%RSD	35.809	22.587	29.606	51.472	9.3909	4.3993	4.7719	3.8723

#1	-.00097	-.00027	-.00397	-.00026	-.00040	.04173	-.00110	.00547
#2	-.00063	-.00039	-.00214	-.00044	-.00048	.04047	-.00103	.00518
#3	-.00048	-.00042	-.00351	-.00015	-.00047	.03824	-.00113	.00559

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00012	.00112	.00677	.00005	.00132	.00754	-.00140	
Stddev	.00016	.00003	.00006	.00012	.00022	.00140	.00010	
%RSD	139.11	2.6295	.94540	258.12	16.937	18.619	7.2843	

#1	.00019	.00108	.00681	.00012	.00130	.00852	-.00129	
#2	.00023	.00113	.00680	-.00009	.00110	.00593	-.00142	
#3	-.00007	.00113	.00669	.00010	.00155	.00817	-.00149	

Sample Name: S0 Acquired: 5/22/2017 15:47:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	1819.9	2587.6	55196.	4481.4	3741.0
Stddev	6.3	15.1	19.	11.1	22.8
%RSD	.34348	.58235	.03377	.24779	.61065
#1	1816.5	2575.6	55180.	4485.4	3725.0
#2	1827.2	2582.7	55216.	4468.8	3730.8
#3	1816.2	2604.6	55190.	4489.9	3767.1

Sample Name: S1 Acquired: 5/22/2017 15:52:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.00043	.00193	.00230	.00238	.01161	.01987	.85509	.03744
Stddev	.00011	.00008	.00012	.00007	.00004	.00035	.00334	.00062
%RSD	24.856	3.9576	5.0899	2.9518	.33664	1.7479	.39045	1.6555

#1	.00034	.00199	.00244	.00243	.01158	.02007	.85706	.03738
#2	.00040	.00195	.00222	.00230	.01165	.01947	.85698	.03685
#3	.00054	.00184	.00225	.00241	.01158	.02007	.85124	.03809

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	.00932	.23546	.00147	.03231	.00599	.00167	.00495	.02871
Stddev	.00012	.00050	.00002	.00011	.00013	.00001	.00022	.00032
%RSD	1.2866	.21248	1.6251	.35499	2.1413	.57033	4.4364	1.1185

#1	.00928	.23602	.00145	.03229	.00612	.00167	.00473	.02835
#2	.00923	.23531	.00149	.03221	.00598	.00166	.00517	.02894
#3	.00946	.23505	.00149	.03243	.00586	.00167	.00496	.02885

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	.02499	.00147	.03433	.00436	.00079	.24245	-.00048	.00990
Stddev	.00015	.00001	.00027	.00015	.00036	.00228	.00005	.00030
%RSD	.61684	.84747	.78632	3.4721	45.942	.94065	11.523	3.0534

#1	.02498	.00149	.03462	.00450	.00083	.24443	-.00042	.01023
#2	.02484	.00147	.03409	.00420	.00041	.24296	-.00047	.00963
#3	.02514	.00146	.03426	.00438	.00113	.23995	-.00053	.00984

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	.00755	.00358	.07216	.00083	.04406	.08974	1.1115
Stddev	.00015	.00002	.00060	.00007	.00064	.00148	.0048
%RSD	1.9643	.51886	.82584	8.9957	1.4430	1.6537	.42806

#1	.00742	.00356	.07173	.00090	.04346	.09121	1.1128
#2	.00754	.00359	.07191	.00076	.04472	.08979	1.1155
#3	.00771	.00359	.07284	.00084	.04399	.08824	1.1063

Sample Name: S1 Acquired: 5/22/2017 15:52:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	1792.9	2535.2	54312.	4447.9	3604.2
Stddev	17.1	9.4	198.	9.4	14.8
%RSD	.95180	.37068	.36422	.21136	.41007
#1	1777.4	2533.0	54110.	4457.9	3610.6
#2	1790.1	2545.5	54322.	4446.8	3614.7
#3	1811.2	2527.2	54505.	4439.2	3587.3

Sample Name: S2 Acquired: 5/22/2017 15:56:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.06679	.11246	1.3088	.07551	.24239	3.7184	11.318	.93349
Stddev	.00031	.00112	.0089	.00059	.00129	.0226	.035	.00321
%RSD	.46215	.99309	.67625	.78750	.53240	.60668	.30517	.34388

#1	.06643	.11155	1.3051	.07503	.24149	3.7000	11.320	.93040
#2	.06698	.11213	1.3023	.07532	.24182	3.7116	11.283	.93327
#3	.06696	.11371	1.3189	.07618	.24387	3.7436	11.352	.93681

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	1.1267	2.8739	.53544	.42648	.76933	.58196	1.1649	.35655
Stddev	.0072	.0201	.00182	.00194	.00331	.00345	.0093	.00163
%RSD	.63531	.70039	.34070	.45539	.43048	.59285	.80071	.45673

#1	1.1234	2.8633	.53473	.42543	.77113	.57817	1.1542	.35543
#2	1.1219	2.8613	.53407	.42528	.76551	.58280	1.1690	.35580
#3	1.1349	2.8971	.53751	.42872	.77135	.58491	1.1715	.35842

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	.40919	.05605	.28909	.05171	.09083	1.5848	.05799	.64780
Stddev	.00175	.00018	.00267	.00016	.00054	.0019	.00045	.00240
%RSD	.42790	.31889	.92323	.31650	.59306	.12292	.76944	.37105

#1	.40855	.05588	.28977	.05156	.09021	1.5825	.05755	.64504
#2	.40784	.05604	.28615	.05188	.09118	1.5856	.05797	.64943
#3	.41117	.05623	.29136	.05171	.09110	1.5861	.05844	.64892

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	.86304	.01385	.85236	.15468	.53138	2.1313	13.589	
Stddev	.00348	.00021	.00251	.00096	.00265	.0036	.009	
%RSD	.40287	1.5104	.29453	.62239	.49806	.16691	.06773	

#1	.86110	.01378	.84955	.15364	.52893	2.1327	13.587	
#2	.86097	.01368	.85319	.15488	.53103	2.1272	13.582	
#3	.86706	.01408	.85436	.15553	.53419	2.1338	13.599	

Sample Name: S2 Acquired: 5/22/2017 15:56:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	1672.6	2369.9	51129.	4381.8	3112.8
Stddev	4.2	3.1	51.	9.1	9.3
%RSD	.24984	.13119	.10000	.20765	.29750
#1	1677.1	2370.7	51112.	4390.8	3117.5
#2	1672.1	2372.6	51187.	4382.0	3118.8
#3	1668.8	2366.5	51089.	4372.6	3102.2

Sample Name: S3 Acquired: 5/22/2017 16:00:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.13179	.21757	2.5685	.14712	.47828	7.3342	22.329	1.8285
Stddev	.00117	.00087	.0087	.00052	.00189	.0102	.005	.0118
%RSD	.88661	.39960	.33771	.35359	.39537	.13905	.02341	.64417

#1	.13127	.21733	2.5662	.14698	.47759	7.3327	22.327	1.8322
#2	.13097	.21684	2.5612	.14669	.47682	7.3451	22.325	1.8381
#3	.13313	.21853	2.5781	.14770	.48041	7.3249	22.335	1.8154

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2212	5.5797	1.0278	.84469	1.5068	1.1286	2.2633	.71603
Stddev	.0094	.0153	.0020	.00291	.0017	.0069	.0084	.00471
%RSD	.42373	.27355	.19673	.34395	.11314	.61020	.37143	.65722

#1	2.2204	5.5664	1.0272	.84470	1.5059	1.1279	2.2584	.71539
#2	2.2122	5.5964	1.0261	.84179	1.5088	1.1357	2.2730	.72103
#3	2.2309	5.5763	1.0300	.84760	1.5057	1.1220	2.2585	.71168

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	.80479	.11158	.57154	.10037	.18040	3.1377	.11965	1.2694
Stddev	.00250	.00022	.00183	.00062	.00158	.0063	.00054	.0042
%RSD	.31047	.19378	.32097	.61369	.87835	.20253	.44754	.33266

#1	.80493	.11164	.57000	.10081	.17884	3.1408	.11922	1.2711
#2	.80222	.11134	.57357	.10064	.18034	3.1420	.11948	1.2725
#3	.80721	.11177	.57104	.09967	.18201	3.1304	.12025	1.2646

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	1.6775	.02290	1.6387	.30700	1.0386	4.2332	26.565	
Stddev	.0044	.00016	.0138	.00138	.0041	.0053	.016	
%RSD	.26407	.68463	.83981	.44896	.39109	.12411	.05911	

#1	1.6764	.02294	1.6420	.30670	1.0358	4.2387	26.583	
#2	1.6737	.02273	1.6505	.30580	1.0432	4.2328	26.557	
#3	1.6824	.02303	1.6236	.30851	1.0367	4.2282	26.554	

Sample Name: S3 Acquired: 5/22/2017 16:00:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	1639.8	2321.9	50510.	4366.3	2956.3
Stddev	5.0	4.2	126.	26.7	7.6
%RSD	.30635	.18004	.25037	.61051	.25694
#1	1644.6	2320.7	50621.	4355.3	2956.0
#2	1634.6	2326.6	50372.	4346.9	2964.0
#3	1640.2	2318.5	50536.	4396.7	2948.9

Sample Name: S4 Acquired: 5/22/2017 16:04:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.26769	.41935	5.1339	.29272	.96444	14.680	44.125	3.6060
Stddev	.00020	.00155	.0086	.00034	.00210	.011	.060	.0127
%RSD	.07658	.36964	.16764	.11636	.21806	.07199	.13487	.35077

#1	.26789	.42074	5.1361	.29285	.96606	14.668	44.080	3.5997
#2	.26770	.41964	5.1413	.29298	.96521	14.687	44.103	3.6206
#3	.26748	.41768	5.1244	.29234	.96207	14.686	44.193	3.5978

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4142	10.977	1.9790	1.6871	2.9830	2.1826	4.3981	1.4392
Stddev	.0073	.023	.0113	.0034	.0033	.0017	.0077	.0040
%RSD	.16568	.20683	.57109	.20355	.10977	.07830	.17611	.27767

#1	4.4194	10.951	1.9842	1.6885	2.9806	2.1809	4.3917	1.4351
#2	4.4174	10.993	1.9869	1.6896	2.9816	2.1826	4.4067	1.4431
#3	4.4058	10.987	1.9661	1.6832	2.9867	2.1843	4.3959	1.4394

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	1.5922	.22631	1.1449	.19645	.36438	6.3134	.24800	2.4479
Stddev	.0058	.00140	.0016	.00057	.00145	.0171	.00113	.0040
%RSD	.36621	.62040	.14242	.28920	.39728	.27020	.45386	.16343

#1	1.5949	.22675	1.1432	.19711	.36516	6.2940	.24928	2.4468
#2	1.5961	.22744	1.1449	.19612	.36527	6.3202	.24755	2.4524
#3	1.5855	.22473	1.1465	.19613	.36271	6.3260	.24718	2.4446

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	3.2965	.04224	3.1818	.61303	2.0395	8.5383	52.139	
Stddev	.0110	.00017	.0157	.00120	.0009	.0131	.086	
%RSD	.33446	.40667	.49333	.19541	.04546	.15349	.16442	

#1	3.3058	.04233	3.1793	.61344	2.0404	8.5268	52.049	
#2	3.2995	.04204	3.1985	.61398	2.0385	8.5355	52.148	
#3	3.2843	.04234	3.1674	.61168	2.0395	8.5526	52.220	

Sample Name: S4 Acquired: 5/22/2017 16:04:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	1544.6	2183.3	48538.	4268.7	2697.5
Stddev	6.9	5.1	157.	10.4	5.5
%RSD	.44828	.23531	.32293	.24330	.20417
#1	1539.7	2178.2	48414.	4278.4	2692.3
#2	1541.6	2183.2	48486.	4257.7	2696.8
#3	1552.5	2188.4	48714.	4270.0	2703.3

Sample Name: S5 Acquired: 5/22/2017 16:07:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.55362	.79921	10.196	.59105	2.0016	30.355	87.637	7.2624
Stddev	.01027	.01198	.150	.01027	.0346	.115	.568	.0402
%RSD	1.8542	1.4989	1.4756	1.7383	1.7271	.37865	.64830	.55388

#1	.56386	.80931	10.325	.60091	2.0337	30.482	86.995	7.2809
#2	.55369	.80235	10.232	.59183	2.0059	30.259	87.839	7.2900
#3	.54333	.78597	10.031	.58041	1.9650	30.323	88.077	7.2162

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.6884	22.025	3.9051	3.3549	6.0876	4.2865	8.6594	2.9347
Stddev	.1281	.071	.1658	.0490	.0125	.0121	.0258	.0160
%RSD	1.4740	.32282	4.2466	1.4610	.20584	.28265	.29838	.54618

#1	8.8022	21.946	3.8803	3.4001	6.0980	4.2957	8.6729	2.9443
#2	8.7134	22.085	4.0820	3.3618	6.0737	4.2727	8.6296	2.9162
#3	8.5497	22.044	3.7531	3.3028	6.0911	4.2910	8.6757	2.9437

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	3.1154	.48653	2.3595	.39084	.78567	13.057	.50887	4.7345
Stddev	.0474	.02124	.0093	.00033	.03457	.057	.00689	.0240
%RSD	1.5200	4.3660	.39368	.08433	4.4004	.43563	1.3548	.50660

#1	3.1593	.48196	2.3700	.39122	.77710	13.103	.51453	4.7501
#2	3.1217	.50968	2.3525	.39066	.82372	12.993	.51088	4.7466
#3	3.0652	.46794	2.3559	.39064	.75619	13.075	.50119	4.7069

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	6.5394	.08332	6.3329	1.2066	4.0894	17.899	102.32	
Stddev	.1151	.00117	.0277	.0188	.0119	.107	.83	
%RSD	1.7594	1.4089	.43806	1.5615	.29040	.59653	.81163	

#1	6.6488	.08438	6.3471	1.2242	4.1012	18.010	102.12	
#2	6.5501	.08352	6.3507	1.2091	4.0774	17.797	101.60	
#3	6.4194	.08206	6.3009	1.1867	4.0895	17.891	103.23	

Sample Name: S5 Acquired: 5/22/2017 16:07:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	1364.9	1990.0	44814.	4113.6	2409.2
Stddev	54.8	30.8	1692.	5.1	31.6
%RSD	4.0149	1.5496	3.7764	.12453	1.3124
#1	1379.6	1960.3	45106.	4112.1	2380.5
#2	1304.3	1988.1	42994.	4119.3	2403.9
#3	1410.9	2021.8	46341.	4109.3	2443.1

Sample Name: S6 Acquired: 5/22/2017 16:12:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	82.660	37.303	11.267	4.8207	6.5870
Stddev	.662	.077	.038	.0108	.0131
%RSD	.80045	.20674	.34094	.22365	.19908

#1	82.565	37.363	11.245	4.8123	6.5731
#2	82.052	37.216	11.243	4.8170	6.5889
#3	83.364	37.330	11.311	4.8329	6.5991

Int. Std.	Y_3710
Units	Cts/S
Avg	3972.0
Stddev	6.0
%RSD	.14991

#1	3969.4
#2	3978.9
#3	3967.9

Sample Name: ICV Acquired: 5/22/2017 16:16:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	1.007301	1.062371	1.021733	1.030490	1.007876	2.517876
Stddev	.009163	.003207	.000852	.004101	.002166	.014640
%RSD	.9096769	.3019164	.0834322	.3979724	.2148947	.5814504

#1	1.012676	1.065915	1.020988	1.025792	1.007332	2.531959
#2	1.012507	1.061532	1.021547	1.032319	1.010262	2.502736
#3	.996721	1.059667	1.022663	1.033358	1.006034	2.518935

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5205011	.5209403	.4924998	10.37711	.4455096	.4981543
Stddev	.0017384	.0017400	.0009748	.01197	.0009861	.0019633
%RSD	.3339855	.3340060	.1979181	.1153759	.2213316	.3941054

#1	.5219389	.5216516	.4913814	10.37745	.4456903	.4959550
#2	.5185691	.5189574	.4931686	10.38890	.4463928	.4997299
#3	.5209952	.5222119	.4929495	10.36497	.4444457	.4987780

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5334374	4.861883	.5092661	6.176541	.5027216	.4781263
Stddev	.0042270	.016520	.0039717	.059895	.0011242	.0028933
%RSD	.7924060	.3397922	.7798931	.9697151	.2236162	.6051275

#1	.5381693	4.880959	.5127356	6.233240	.5021408	.4749720
#2	.5300350	4.852368	.5049339	6.182489	.5040173	.4806567
#3	.5321080	4.852322	.5101288	6.113894	.5020066	.4787501

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.947390	.5390865	.9633246	9.849909	F -.006776	F -.011138
Stddev	.040804	.0087308	.0250552	.073418	.001401	.000905
%RSD	.4101996	1.619563	2.600907	.7453684	20.68115	8.126234

#1	9.901286	.5486920	.9409252	9.894620	-.008319	-.010269
#2	9.978855	.5316326	.9586667	9.765176	-.005581	-.011070
#3	9.962030	.5369349	.9903818	9.889931	-.006430	-.012075

Sample Name: ICV Acquired: 5/22/2017 16:16:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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 -.000084	.0272392	-.000372	F -.000454	-.000027	.0024791
Stddev	.000223	.0020732	.000332	.000524	.000243	.0006279
%RSD	264.2653	7.610956	89.02627	115.5097	913.2960	25.32654

#1	.000131	.0289913	.000003	-.000163	-.000297	.0024689
#2	-.000069	.0249505	-.000624	-.001059	.000173	.0018565
#3	-.000315	.0277758	-.000497	-.000139	.000045	.0031121

Elem	Sr4077
Units	ppm
Avg	.0124647
Stddev	.0000799
%RSD	.6413441

#1	.0125568
#2	.0124133
#3	.0124239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.224	2460.850	52700.84	4352.551	3449.486
Stddev	6.927	3.142	127.07	20.423	.766
%RSD	.4022214	.1276929	.2411083	.4692191	.0222136

#1	1729.820	2457.652	52754.57	4334.861	3448.858
#2	1716.256	2460.964	52555.74	4374.902	3449.259
#3	1720.596	2463.934	52792.22	4347.891	3450.340

Sample Name: ICB Acquired: 5/22/2017 16:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	-.000724	.0006121	.0003679	.0007730	-.001606	-.001404	-.001870
Stddev	.000529	.0008375	.0010347	.0029209	.000865	.004915	.000544
%RSD	73.05800	136.8306	281.2335	377.8631	53.84935	350.0052	29.09241

#1	-.001131	.0012421	.0013311	.0041205	-.001426	.000945	-.001749
#2	-.000126	-.000338	-.000726	-.000544	-.002546	-.007053	-.001397
#3	-.000913	.000933	.000499	-.001257	-.000845	.001895	-.002465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	-.000085	.0093682	.0000869	-.000142	-.000934	.0076556
Stddev	.000030	.000033	.0112898	.0001226	.000224	.000428	.0061697
%RSD	261.3632	38.89775	120.5123	141.0219	157.4509	45.87350	80.59130

#1	.000016	-.000047	.0211979	.0001638	.000091	-.001290	.0141512
#2	-.000043	-.000105	-.001291	-.000054	-.000355	-.000459	.0018739
#3	-.000007	-.000103	.008197	.000151	-.000163	-.001053	.0069416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002052	.0072967	.0002204	.0001479	-.161059	-.001249	.0151418
Stddev	.0002654	.0093292	.0002020	.0001390	.140884	.003943	.0137746
%RSD	129.3552	127.8554	91.61165	93.99295	87.47348	315.6431	90.97034

#1	.0000342	.0084774	.0002154	.0000972	-.196134	.001380	.0010400
#2	.0000704	-.002567	.0004249	.0003051	-.005951	.000655	.0285640
#3	.0005110	.015979	.0000211	.0000414	-.281092	-.005783	.0158215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005472	.0000140	-.000525	.0002309	-.002146	-.001628	.0000198
Stddev	.018966	.0018805	.000383	.0001914	.006466	.000751	.0005159
%RSD	346.5907	13389.91	72.93179	82.87290	301.3149	46.10273	2607.762

#1	-.007309	.0017698	-.000429	.0003295	.004235	-.001405	.0003120
#2	.014345	-.001970	-.000199	.0003529	-.001979	-.001014	-.000576
#3	-.023453	.000243	-.000946	.0000104	-.008693	-.002465	.000323

Sample Name: ICB Acquired: 5/22/2017 16:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0003516	.0005395	-.000056
Stddev	.0002438	.0003840	.000024
%RSD	69.33847	71.17360	43.19585

#1	.0001194	.0009820	-.000065
#2	.0003299	.0003431	-.000075
#3	.0006055	.0002935	-.000029

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.422	2558.085	54135.90	4334.236	3694.171
Stddev	11.749	30.473	309.39	30.811	33.407
%RSD	.6647729	1.191225	.5714981	.7108695	.9043120

#1	1757.277	2524.140	53896.90	4342.717	3656.137
#2	1764.694	2567.031	54025.43	4359.918	3707.615
#3	1780.296	2583.082	54485.35	4300.073	3718.761

Sample Name: ICSA Acquired: 5/22/2017 16:26:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0003925	-.012571	.0004321	-.028230	.0029141	246.2359
Stddev	.0030431	.002730	.0006921	.007809	.0021222	.6414
%RSD	775.3789	21.71818	160.1794	27.66256	72.82291	.2604776

#1	.0038523	-.011571	.0008747	-.028041	.0043539	245.8153
#2	-.001869	-.010482	.0007871	-.036132	.0039115	245.9182
#3	-.000806	-.015661	-.000365	-.020517	.0004770	246.9741

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030221	.0009431	.0031761	248.9499	.0492982	.0021363
Stddev	.0001902	.0000558	.0000498	.7020	.0006032	.0002609
%RSD	6.292488	5.919233	1.567606	.2819836	1.223524	12.21010

#1	.0031176	.0009007	.0031556	249.4162	.0496213	.0023954
#2	.0031455	.0009222	.0032329	248.1425	.0496709	.0021399
#3	.0028031	.0010064	.0031399	249.2909	.0486023	.0018737

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210285	104.7239	.0115662	269.3297	.0006845	-.003636
Stddev	.0005044	.7344	.0005351	1.6111	.0000722	.000123
%RSD	2.398544	.7012300	4.626881	.5982019	10.54487	3.389235

#1	.0204542	104.1103	.0109631	268.0981	.0006382	-.003494
#2	.0212316	104.5240	.0119844	268.7380	.0006476	-.003701
#3	.0213996	105.5376	.0117510	271.1530	.0007676	-.003714

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2524285	.0018076	.0443313	-.063218	-.009719	F -.299952
Stddev	.0555375	.0017418	.0044319	.028966	.002903	.001520
%RSD	22.00130	96.35873	9.997332	45.81867	29.86772	.5066122

#1	.1958856	.0000603	.0393324	-.095733	-.011664	-.301622
#2	.2544969	.0018186	.0477799	-.040172	-.011112	-.299584
#3	.3069029	.0035438	.0458814	-.053749	-.006383	-.298650

Sample Name: ICSA Acquired: 5/22/2017 16:26:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0002784	.0764937	-.008112	-.001562	-.001610	.0064917
Stddev	.0005538	.0055680	.001139	.000321	.000541	.0005947
%RSD	198.8825	7.279073	14.04413	20.55713	33.59797	9.160366

#1	.0002501	.0722464	-.009132	-.001297	-.000986	.0063116
#2	.0008458	.0744372	-.008322	-.001919	-.001949	.0060079
#3	-.000261	.0827974	-.006883	-.001470	-.001896	.0071556

Elem	Sr4077
Units	ppm
Avg	.1057458
Stddev	.0002680
%RSD	.2534189

#1	.1058990
#2	.1054364
#3	.1059021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.226	2221.866	47541.30	4189.938	2781.750
Stddev	16.627	5.754	248.35	15.084	7.519
%RSD	1.073240	.2589611	.5223875	.3600052	.2702923

#1	1530.228	2218.601	47258.32	4187.729	2777.421
#2	1561.127	2218.488	47723.04	4206.004	2777.397
#3	1556.322	2228.510	47642.54	4176.080	2790.432

Sample Name: ICSAB Acquired: 5/22/2017 16:35:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0910637	.1004789	.0475472	.0202012	.5822645	233.8520
Stddev	.0002424	.0041431	.0016816	.0051537	.0160199	11.1113
%RSD	.2662121	4.123358	3.536639	25.51165	2.751311	4.751405

#1	.0909273	.1011354	.0487897	.0242913	.5955318	242.8908
#2	.0913436	.0960467	.0456338	.0144127	.5644675	221.4469
#3	.0909201	.1042545	.0482183	.0218995	.5867944	237.2184

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4936910	.4974185	.9899564	235.7945	.5561261	.5011368
Stddev	.0233286	.0183335	.0283488	11.2964	.0012833	.0151618
%RSD	4.725345	3.685736	2.863641	4.790786	.2307484	3.025489

#1	.5138959	.5135323	1.010380	245.0081	.5575840	.5125355
#2	.4681598	.4774714	.957590	223.1914	.5556264	.4839295
#3	.4990172	.5012519	1.001899	239.1840	.5551677	.5069455

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5225487	99.67964	.4842168	256.5124	.9815948	.1832693
Stddev	.0254794	4.66093	.0213799	11.8787	.0287324	.0012828
%RSD	4.875992	4.675913	4.415364	4.630840	2.927112	.6999664

#1	.5444550	103.2970	.5039098	265.9880	1.004194	.1841070
#2	.4945871	94.4198	.4614768	243.1860	.949259	.1817924
#3	.5286040	101.3221	.4872637	260.3630	.991331	.1839083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1966767	.4885436	.9875612	-.222399	-.017130	F .6383776
Stddev	.0909772	.0228433	.0068680	.048448	.000529	.0277305
%RSD	46.25725	4.675789	.6954454	21.78422	3.086754	4.343898

#1	.2948893	.5071897	.9954423	-.231357	-.017260	.6624448
#2	.1152816	.4630633	.9828556	-.265743	-.017581	.6080532
#3	.1798591	.4953779	.9843857	-.170097	-.016548	.6446349

Sample Name: ICSAB Acquired: 5/22/2017 16:35:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .8361027	.0813041	.8074331	F .8258713	.8488628	.6174865
Stddev	.0246158	.0142160	.0331214	.0249926	.0388953	.0285966
%RSD	2.944111	17.48495	4.102067	3.026215	4.582046	4.631136

#1	.8521563	.0917531	.8319487	.8447355	.8804432	.6407495
#2	.8077622	.0651157	.7697535	.7975252	.8054166	.5855599
#3	.8483897	.0870436	.8205971	.8353532	.8607286	.6261503

Elem	Sr4077
Units	ppm
Avg	.7186790
Stddev	.0340517
%RSD	4.738090

#1	.7454299
#2	.6803474
#3	.7302595

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.525	2227.202	47655.57	4243.283	2794.587
Stddev	13.039	57.347	181.76	165.353	76.720
%RSD	.8430979	2.574861	.3814129	3.896818	2.745314

#1	1531.580	2185.714	47460.14	4105.921	2735.999
#2	1552.414	2292.642	47819.57	4426.813	2881.428
#3	1555.581	2203.249	47686.99	4197.114	2766.335

Sample Name: CCV031 Acquired: 5/22/2017 16:39:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.057609	4.732876	24.95307	4.915251	4.984802	403.1659
Stddev	.111338	.115364	.57900	.112266	.113195	4.0733
%RSD	2.201405	2.437500	2.320372	2.284040	2.270810	1.010326

#1	5.083022	4.762281	25.04542	4.939241	5.006028	400.1379
#2	4.935761	4.605655	24.33344	4.792929	4.862497	407.7968
#3	5.154045	4.830691	25.48034	5.013583	5.085882	401.5631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21625	.5172715	2.512977	402.3566	15.49561	2.532617
Stddev	.10096	.0080091	.058500	5.3882	.30227	.058838
%RSD	.9882424	1.548338	2.327911	1.339150	1.950680	2.323228

#1	10.12426	.5135051	2.517246	398.8664	15.29054	2.540899
#2	10.32427	.5264695	2.452459	408.5622	15.84274	2.470076
#3	10.20022	.5118398	2.569225	399.6411	15.35354	2.586876

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.63009	430.9012	15.89767	429.4032	2.456900	1.285889
Stddev	.18555	4.8361	.17232	4.5146	.058071	.025662
%RSD	1.187109	1.122327	1.083908	1.051367	2.363570	1.995695

#1	15.50662	427.8967	15.79359	426.5227	2.468140	1.270287
#2	15.84346	436.4799	16.09657	434.6062	2.394031	1.315507
#3	15.54018	428.3269	15.80284	427.0806	2.508528	1.271873

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	417.5822	2.512264	16.49925	160.1147	5.241472	F 4.354465
Stddev	4.5042	.027945	.33763	1.9096	.122074	.063799
%RSD	1.078647	1.112354	2.046338	1.192628	2.329006	1.465130

#1	413.5930	2.501077	16.22758	158.6398	5.259500	4.331730
#2	422.4669	2.544069	16.87724	162.2716	5.111387	4.426517
#3	416.6867	2.491644	16.39291	159.4328	5.353530	4.305149

Sample Name: CCV031 Acquired: 5/22/2017 16:39:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.927969	4.900990	5.232955	4.942459	5.198838	5.316824
Stddev	.112692	.134754	.079360	.122979	.051436	.059225
%RSD	2.286793	2.749523	1.516545	2.488218	.9893735	1.113909
#1	4.938976	4.942090	5.224203	4.958272	5.151279	5.261820
#2	4.810177	4.750472	5.316328	4.812338	5.253428	5.379518
#3	5.034754	5.010408	5.158333	5.056767	5.191809	5.309135

Elem	Sr4077
Units	ppm
Avg	5.252678
Stddev	.060951
%RSD	1.160387
#1	5.206234
#2	5.321696
#3	5.230104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.674	2031.666	43709.76	3983.567	2411.178
Stddev	28.802	39.392	724.34	48.787	46.669
%RSD	2.116719	1.938917	1.657151	1.224711	1.935537
#1	1374.177	2024.992	44159.91	4000.015	2398.830
#2	1327.602	2073.969	42874.20	3928.682	2462.780
#3	1380.244	1996.037	44095.16	4022.005	2371.925

Sample Name: CCB031 Acquired: 5/22/2017 16:43:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007224	.0010987	.0003460	.0001616	-.001781	.0105689	-.001903
Stddev	.0019725	.0010118	.0008841	.0030022	.001232	.0051326	.000521
%RSD	273.0540	92.08811	255.5145	1858.184	69.15012	48.56341	27.36142

#1	.0018244	.0013259	.0010044	.0036179	-.003090	.0160524	-.001433
#2	-.001555	-.000007	-.000659	-.001799	-.001606	.0097744	-.002462
#3	.001898	.001978	.000692	-.001334	-.000646	.0058799	-.001813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000568	-.000077	.0184091	.0001303	.0000911	.0020766	.0129308
Stddev	.0000443	.000054	.0055063	.0003280	.0001013	.0022603	.0072753
%RSD	77.95762	69.84477	29.91070	251.7489	111.2303	108.8483	56.26324

#1	.0000503	-.000139	.0159883	.0001777	-.000006	.0044699	.0212427
#2	.0000162	-.000053	.0247111	-.000219	.000082	.0017817	.0098307
#3	.0001041	-.000040	.0145280	.000432	.000196	-.000022	.0077191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002425	.0539889	.0000441	.0001065	-.235016	.0045026	.0047283
Stddev	.0002332	.0404079	.0001999	.0002478	.231450	.0012240	.0183267
%RSD	96.12486	74.84483	452.7196	232.6898	98.48244	27.18476	387.5935

#1	.0004387	.0223972	.000000	.0002289	-.493683	.0032739	.0152484
#2	-.000015	.0995214	-.000130	.0002692	-.047479	.0057219	-.016433
#3	.000304	.0400481	.000262	-.000179	-.163888	.0045119	.015370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.053151	-.000714	.0028103	.0002810	-.003907	-.002325	-.000093
Stddev	.006061	.000261	.0001995	.0003638	.004840	.000440	.000153
%RSD	11.40379	36.49717	7.097285	129.4677	123.8941	18.94410	165.5078

#1	-.057488	-.000416	.0029288	.0007011	-.009376	-.002717	-.000212
#2	-.046225	-.000831	.0025801	.0000644	-.000175	-.001849	-.000145
#3	-.055739	-.000897	.0029222	.0000776	-.002169	-.002409	.000080

Sample Name: CCB031 Acquired: 5/22/2017 16:43:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006230	.0007133	.0001024
Stddev	.0002665	.0008973	.0000830
%RSD	42.77195	125.7926	81.03032

#1	.0009252	-.000132	.0001790
#2	.0005220	.001655	.0000143
#3	.0004218	.000617	.0001140

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.185	2529.967	54553.28	4381.657	3671.573
Stddev	19.171	3.836	240.37	17.630	12.283
%RSD	1.084194	.1516393	.4406230	.4023679	.3345323

#1	1759.863	2529.030	54315.70	4365.072	3681.658
#2	1754.583	2534.185	54547.79	4379.725	3675.168
#3	1790.111	2526.686	54796.35	4400.173	3657.895

Sample Name: PB98997BL Acquired: 5/22/2017 16:47:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010761	-.000100	-.000534	-.001915	-.000872	.0005825	-.002668
Stddev	.0009854	.000295	.000435	.001826	.000318	.0082742	.001060
%RSD	91.56715	294.5149	81.39522	95.38572	36.50328	1420.567	39.71705

#1	.0011582	.000106	-.000269	-.004008	-.001130	-.003268	-.002044
#2	.0020178	.000032	-.001036	-.000649	-.000971	-.005065	-.003891
#3	.0000523	-.000438	-.000298	-.001087	-.000516	.010080	-.002068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000215	-.000190	-.002804	-.000057	-.000161	-.000427	.0066799
Stddev	.0000444	.000056	.001481	.000302	.000268	.001128	.0009070
%RSD	206.5942	29.51305	52.81596	531.1514	166.7664	264.1073	13.57737

#1	.0000466	-.000244	-.001972	-.000364	-.000456	-.001700	.0056871
#2	-.000030	-.000132	-.004515	-.000048	-.000095	.000451	.0074649
#3	.000048	-.000194	-.001927	.000241	.000068	-.000033	.0068877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000237	.0074924	-.000227	.0001034	-.202618	.0036424	.0043147
Stddev	.000078	.0177452	.000153	.0000185	.065019	.0042745	.0014086
%RSD	32.99814	236.8428	67.59592	17.87665	32.08932	117.3549	32.64572

#1	-.000231	.0077110	-.000164	.0001184	-.185230	-.000590	.0053336
#2	-.000162	-.010361	-.000115	.0001092	-.148061	.003560	.0049031
#3	-.000318	.025127	-.000401	.0000828	-.274563	.007958	.0027073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042516	-.001035	-.002533	.0001989	.0029484	-.002304	.0006891
Stddev	.004405	.000781	.000987	.0001442	.0078797	.000535	.0005524
%RSD	10.36109	75.43948	38.95620	72.48450	267.2517	23.20734	80.17345

#1	-.044755	-.001905	-.001542	.0000427	.0120470	-.002915	.0010870
#2	-.037441	-.000803	-.002542	.0003269	-.001574	-.001924	.0000583
#3	-.045353	-.000396	-.003516	.0002270	-.001628	-.002071	.0009219

Sample Name: PB98997BL Acquired: 5/22/2017 16:47:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000946	-.000915	-.000076
Stddev	.000160	.000578	.000037
%RSD	16.93428	63.12060	48.70415

#1	-.001049	-.001113	-.000058
#2	-.000761	-.001368	-.000119
#3	-.001026	-.000265	-.000052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.655	2512.295	53505.89	4350.207	3642.317
Stddev	4.572	5.403	293.47	12.292	1.679
%RSD	.2625366	.2150750	.5484798	.2825582	.0460850

#1	1742.350	2518.397	53259.82	4351.629	3643.521
#2	1745.841	2508.119	53830.69	4337.266	3640.400
#3	1736.775	2510.369	53427.15	4361.726	3643.031

Sample Name: PB98997BS Acquired: 5/22/2017 16:51:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220553	.0528859	.0203835	.0681395	.1176134	.3916100
Stddev	.0015920	.0010233	.0005562	.0014088	.0006227	.0110599
%RSD	7.218244	1.934909	2.728437	2.067458	.5294279	2.824213

#1	.0204956	.0525138	.0197695	.0667417	.1171625	.4014434
#2	.0236777	.0540431	.0208534	.0695590	.1173540	.3937502
#3	.0219926	.0521007	.0205275	.0681178	.1183239	.3796365

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3937463	.0111237	.0097215	9.804982	.0226850	.0955095
Stddev	.0029949	.0001334	.0000234	.055782	.0004291	.0000990
%RSD	.7606056	1.199250	.2409007	.5689105	1.891702	.1036505

#1	.3944058	.0110491	.0097390	9.849423	.0229784	.0953997
#2	.3963564	.0112777	.0097306	9.823138	.0228841	.0955918
#3	.3904766	.0110443	.0096949	9.742384	.0221925	.0955371

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526972	.1677274	.0270687	10.12962	.0770856	.0194772
Stddev	.0016535	.0090284	.0004117	.07479	.0004438	.0002718
%RSD	3.137677	5.382799	1.521004	.7383688	.5757476	1.395515

#1	.0540844	.1770902	.0270350	10.20764	.0775169	.0197902
#2	.0531396	.1590753	.0274962	10.12269	.0771098	.0193403
#3	.0508675	.1670166	.0266748	10.05853	.0766302	.0193010

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.678553	.1076068	.1246923	8.854395	.0250842	F .0162462
Stddev	.188634	.0039228	.0062459	.085526	.0008807	.0007615
%RSD	1.948989	3.645451	5.009066	.9659139	3.510852	4.687098

#1	9.466714	.1110701	.1214777	8.856856	.0255408	.0164329
#2	9.828358	.1033469	.1207083	8.938663	.0256428	.0168970
#3	9.740587	.1084034	.1318907	8.767665	.0240690	.0154087

Sample Name: PB98997BS Acquired: 5/22/2017 16:51:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216311	.5502520	.2075944	F .0130646	.2097524	.0920344
Stddev	.0001174	.0039149	.0020499	.0001619	.0012333	.0007518
%RSD	.5429059	.7114765	.9874419	1.239384	.5879694	.8169245

#1	.0215165	.5522681	.2083694	.0131573	.2111396	.0928024
#2	.0217512	.5457400	.2091438	.0128776	.2087799	.0920009
#3	.0216257	.5527481	.2052700	.0131588	.2093378	.0912998

Elem	Sr4077
Units	ppm
Avg	.2115941
Stddev	.0011729
%RSD	.5543356

#1	.2119337
#2	.2125598
#3	.2102889

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.040	2561.048	54789.41	4602.405	3655.546
Stddev	22.186	16.797	666.02	28.940	15.251
%RSD	1.248493	.6558832	1.215593	.6288124	.4172118

#1	1755.956	2578.166	54114.23	4576.958	3672.352
#2	1800.185	2560.389	55445.87	4596.369	3651.699
#3	1774.980	2544.591	54808.13	4633.887	3642.586

Sample Name: I3135-14 Acquired: 5/22/2017 16:55:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015526	-.000802	.0062252	-.000516	-.002304	.0039412	.0053850
Stddev	.0005336	.001071	.0005976	.003182	.000570	.0029227	.0002010
%RSD	34.37048	133.5718	9.599798	616.2706	24.73401	74.15599	3.731760

#1	.0014288	-.001171	.0065665	-.001011	-.001647	.0073018	.0054783
#2	.0010918	.000405	.0065740	-.003422	-.002600	.0019926	.0055224
#3	.0021373	-.001639	.0055352	.002884	-.002666	.0025293	.0051544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000114	-.000112	21.56493	-.000083	-.001114	-.000373	.0176922
Stddev	.0000601	.000049	.03976	.000309	.000112	.001401	.0033355
%RSD	527.7512	43.45592	.1843885	374.1132	10.03598	375.6300	18.85308

#1	.0000729	-.000062	21.55127	-.000438	-.001098	.001149	.0213277
#2	-.000047	-.000116	21.60972	.000122	-.001233	-.000660	.0169758
#3	.000008	-.000160	21.53379	.000068	-.001011	-.001609	.0147731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006155	8.123282	.0001926	.0006292	12.36055	.0015569	.0540157
Stddev	.0003076	.034900	.0000376	.0001709	.06020	.0008118	.0143958
%RSD	49.96945	.4296280	19.51114	27.16287	.4870639	52.14292	26.65115

#1	.0005927	8.163432	.0001553	.0006368	12.42971	.0017895	.0497547
#2	.0003200	8.106203	.0001920	.0004547	12.33211	.0006542	.0422313
#3	.0009339	8.100211	.0002305	.0007962	12.31984	.0022270	.0700609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.808086	.0067789	.0201178	.0009672	5.170820	23.23360	-.001736
Stddev	.019388	.0007816	.0009311	.0001617	.018821	.21372	.000685
%RSD	1.072302	11.52973	4.627987	16.71931	.3639940	.9198868	39.46983

#1	1.788662	.0061221	.0200258	.0010637	5.191902	23.46655	-.000961
#2	1.827438	.0065713	.0192362	.0007805	5.155707	23.04656	-.001985
#3	1.808156	.0076434	.0210915	.0010574	5.164851	23.18771	-.002263

Sample Name: I3135-14 Acquired: 5/22/2017 16:55:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000118	.0020518	.3385839
Stddev	.0007061	.0002400	.0012372
%RSD	5967.964	11.69899	.3653902

#1	.0008170	.0021916	.3393549
#2	-.000280	.0017746	.3371569
#3	-.000502	.0021892	.3392399

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.168	2526.737	54262.38	4548.395	3609.511
Stddev	33.568	4.939	977.51	20.495	6.635
%RSD	1.904943	.1954739	1.801452	.4506010	.1838278

#1	1724.166	2521.057	53133.69	4527.283	3602.634
#2	1774.556	2530.019	54818.53	4568.212	3610.024
#3	1787.782	2529.136	54834.92	4549.691	3615.875

Sample Name: PB99164BL Acquired: 5/22/2017 17:00:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013770	.0008534	-.000201	-.000325	-.001440	-.002610	-.002323
Stddev	.0027836	.0006806	.000576	.001198	.000397	.004704	.000670
%RSD	202.1512	79.74489	287.1690	368.5647	27.56262	180.2587	28.84069

#1	.0029439	.0007933	-.000591	-.000011	-.001045	-.001608	-.002427
#2	.0030240	.0002049	-.000472	-.001648	-.001435	-.007734	-.001607
#3	-.001837	.0015621	.000461	.000685	-.001839	.001513	-.002935

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000886	-.000070	-.004429	.0003716	.0000630	.0001406	.0049700
Stddev	.0000390	.000059	.008945	.0001933	.0002520	.0018195	.0054198
%RSD	44.04286	84.99134	201.9767	52.01335	399.7608	1293.870	109.0498

#1	.0001093	-.000138	.004925	.0001685	.0000623	.0022406	.0104743
#2	.0000436	-.000035	-.012898	.0005532	.0003153	-.000852	.0047967
#3	.0001129	-.000036	-.005313	.0003931	-.000189	-.000967	-.000361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000010	.0181412	-.000035	.0002427	-.225270	.0038067	.0053403
Stddev	.0006437	.0163754	.000172	.0004937	.125319	.0016383	.0086662
%RSD	64670.94	90.26623	485.9354	203.4209	55.63074	43.03650	162.2776

#1	.0003988	.0133712	-.000233	.0000965	-.092746	.0055632	.0144149
#2	.0003458	.0363719	.000041	-.000161	-.241202	.0023201	.0044556
#3	-.000742	.0046804	.000085	.000793	-.341861	.0035368	-.002850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.109996	-.000147	-.005739	.0001063	.0038142	-.001718	-.000210
Stddev	.023337	.000508	.000974	.0001754	.0029934	.000820	.000354
%RSD	21.21655	346.9587	16.96954	165.0354	78.48229	47.73770	169.0556

#1	-.084294	.000034	-.006227	.0001848	.0072609	-.000777	-.000181
#2	-.129861	-.000721	-.006373	.0002287	.0023168	-.002282	-.000577
#3	-.115833	.000247	-.004618	-.000095	.0018649	-.002094	.000130

Sample Name: PB99164BL Acquired: 5/22/2017 17:00:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001490	-.001087	-.000062
Stddev	.0015050	.000660	.000016
%RSD	1009.738	60.77434	25.57135

#1	.0004140	-.000500	-.000044
#2	.0015039	-.001802	-.000074
#3	-.001471	-.000958	-.000069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.293	2514.000	53937.82	4358.174	3657.835
Stddev	8.267	9.087	209.26	1.263	11.110
%RSD	.4739378	.3614595	.3879721	.0289688	.3037329

#1	1735.293	2503.783	53699.26	4358.947	3645.032
#2	1751.547	2521.177	54023.78	4358.859	3664.944
#3	1746.040	2517.041	54090.41	4356.718	3663.529

Sample Name: PB99164BS Acquired: 5/22/2017 17:04:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187568	.0558300	.0209496	.0754680	.1250256	.3925043
Stddev	.0026643	.0004059	.0011274	.0028460	.0021410	.0023534
%RSD	14.20436	.7269653	5.381729	3.771166	1.712471	.5995767

#1	.0214596	.0554704	.0221109	.0735828	.1239920	.3911967
#2	.0161327	.0557497	.0198594	.0787418	.1274873	.3910951
#3	.0186781	.0562701	.0208785	.0740794	.1235974	.3952211

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4037180	.0113825	.0101695	9.968210	.0236237	.0994979
Stddev	.0016082	.0000971	.0001077	.040771	.0000709	.0002152
%RSD	.3983378	.8531862	1.059455	.4090077	.2999481	.2162726

#1	.4053611	.0114254	.0102707	9.995165	.0237032	.0996373
#2	.4021472	.0112713	.0101817	9.988159	.0235673	.0996064
#3	.4036456	.0114508	.0100562	9.921306	.0236007	.0992501

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530013	.1683007	.0279794	10.44390	.0809841	.0198807
Stddev	.0002414	.0117781	.0005014	.07444	.0004923	.0003570
%RSD	.4554390	6.998246	1.792055	.7127814	.6078546	1.795634

#1	.0527729	.1576712	.0274045	10.35874	.0804161	.0200549
#2	.0532538	.1662680	.0283262	10.49661	.0812878	.0194701
#3	.0529771	.1809628	.0282075	10.47634	.0812482	.0201171

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08970	.1102217	.1237178	9.104203	F .0281039	F .0159858
Stddev	.14563	.0010666	.0205861	.017048	.0033001	.0001601
%RSD	1.443315	.9676379	16.63960	.1872532	11.74246	1.001391

#1	9.94388	.1103804	.1034948	9.108316	.0308610	.0158218
#2	10.09008	.1112000	.1446489	9.085475	.0290032	.0159940
#3	10.23513	.1090847	.1230097	9.118818	.0244473	.0161416

Sample Name: PB99164BS Acquired: 5/22/2017 17:04:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226445	.5854988	.2145636	F .0144088	.2164224	.0948062
Stddev	.0004648	.0093993	.0008381	.0001686	.0014120	.0003059
%RSD	2.052782	1.605354	.3905933	1.170378	.6524296	.3226444

#1	.0225320	.5758311	.2136650	.0145921	.2150307	.0946187
#2	.0222462	.5946046	.2153239	.0143740	.2163826	.0946407
#3	.0231552	.5860608	.2147020	.0142602	.2178538	.0951592

Elem	Sr4077
Units	ppm
Avg	.2168077
Stddev	.0003446
%RSD	.1589390

#1	.2167969
#2	.2164687
#3	.2171576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.584	2476.688	54355.20	4567.915	3547.793
Stddev	3.311	8.643	218.28	12.560	9.061
%RSD	.1888279	.3489706	.4015877	.2749512	.2553862

#1	1757.391	2486.525	54588.12	4582.320	3557.248
#2	1751.992	2470.314	54322.18	4559.258	3546.947
#3	1751.370	2473.224	54155.32	4562.168	3539.186

Sample Name: I3270-10 Acquired: 5/22/2017 17:08:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000804	.0003097	.0005155	-.002196	-.001419	.0020148	-.003461
Stddev	.001498	.0013771	.0005323	.003794	.000881	.0070980	.000413
%RSD	186.4083	444.5992	103.2617	172.7724	62.04268	352.3038	11.93907

#1	-.001562	.0009234	.0006001	.000641	-.002263	.0082081	-.003916
#2	-.001771	-.001267	-.000054	-.006506	-.000506	-.005731	-.003109
#3	.000922	.001273	.001000	-.000723	-.001489	.003567	-.003358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000305	-.000168	.2105451	.0005239	.0001303	-.000211	.0100645
Stddev	.0000440	.000034	.0058089	.0000993	.0001136	.001673	.0071635
%RSD	144.4711	20.51758	2.758981	18.95734	87.21320	791.1026	71.17567

#1	.0000781	-.000138	.2039384	.0006076	.0002615	-.000951	.0018423
#2	.0000219	-.000159	.2148519	.0004142	.0000654	.001704	.0149580
#3	-.000009	-.000205	.2128450	.0005499	.0000640	-.001387	.0133932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012322	.0337932	.0001322	.0004392	-.162896	.0013075	.0078922
Stddev	.0001964	.0297731	.0000307	.0003214	.062021	.0011661	.0028318
%RSD	15.94054	88.10373	23.22038	73.18062	38.07414	89.18756	35.88056

#1	.0012642	.0662281	.0001141	.0005725	-.209224	.0022079	.0111185
#2	.0014107	.0274459	.0001676	.0006725	-.187027	.0017243	.0067393
#3	.0010218	.0077056	.0001148	.0000726	-.092436	-.000010	.0058187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.948068	-.000663	-.007944	.0002304	-.001904	.0047131	-.000275
Stddev	.017193	.000399	.000140	.0001378	.007433	.0014616	.000109
%RSD	1.813463	60.16622	1.767714	59.80776	390.3603	31.01026	39.51601

#1	-.955651	-.000257	-.007822	.0001427	-.000537	.0045062	-.000398
#2	-.928387	-.001055	-.007913	.0001593	-.009926	.0033661	-.000192
#3	-.960165	-.000677	-.008098	.0003892	.004750	.0062671	-.000236

Sample Name: I3270-10 Acquired: 5/22/2017 17:08:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC61 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006423	-.004502	.0005595
Stddev	.0003000	.000284	.0000045
%RSD	46.70793	6.310319	.7977718

#1	.0008556	-.004505	.0005563
#2	.0002992	-.004216	.0005646
#3	.0007719	-.004785	.0005575

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.625	2498.962	54892.67	4548.656	3704.445
Stddev	8.102	3.922	65.72	4.547	3.379
%RSD	.4588660	.1569263	.1197241	.0999595	.0912276

#1	1758.315	2501.077	54928.51	4544.404	3704.945
#2	1764.224	2501.373	54932.67	4553.449	3700.844
#3	1774.336	2494.437	54816.82	4548.113	3707.547

Sample Name: PB99161BL Acquired: 5/22/2017 17:12:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0003134	-.000682	-.000389	-.002302	-.001948	.0012002	-.003717
Stddev	.0017659	.000294	.000413	.002552	.000659	.0061296	.000275
%RSD	563.4628	43.11466	106.0672	110.8508	33.84235	510.7032	7.391136

#1	.0016596	-.001004	-.000866	.000637	-.002399	-.002575	-.003403
#2	-.001686	-.000616	-.000173	-.003953	-.001191	.008273	-.003914
#3	.000967	-.000427	-.000130	-.003590	-.002253	-.002097	-.003835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000319	-.000067	-.014619	.0000220	.0001503	.0004276	.0065426
Stddev	.0000089	.000067	.007774	.0000648	.0000990	.0014283	.0030965
%RSD	27.92724	100.1783	53.17806	294.0072	65.89368	334.0165	47.32854

#1	.0000418	-.000143	-.023229	.0000865	.0002534	.0007060	.0048138
#2	.0000296	-.000044	-.012514	-.000043	.0000559	.0016962	.0101176
#3	.0000244	-.000015	-.008115	.000023	.0001415	-.001119	.0046966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000525	.0581913	.0001006	.0003766	-.189554	.0015835	-.012968
Stddev	.000705	.0024927	.0003278	.0001919	.177485	.0018358	.002791
%RSD	134.3727	4.283650	326.0457	50.95638	93.63279	115.9327	21.52338

#1	-.000670	.0562412	-.000277	.0005878	-.017655	.0000533	-.012219
#2	.000242	.0609998	.000310	.0003294	-.178866	.0036191	-.016057
#3	-.001146	.0573329	.000269	.0002128	-.372141	.0010782	-.010627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.116912	-.002252	-.005640	.0001041	.0157034	-.002785	.0000261
Stddev	.065200	.001428	.000280	.0002469	.0033110	.000673	.0003723
%RSD	55.76823	63.41444	4.962966	237.2058	21.08448	24.18108	1423.812

#1	-.183927	-.002892	-.005844	.0003459	.0177212	-.002614	.0001427
#2	-.113115	-.003249	-.005756	.0001138	.0175068	-.002214	-.000390
#3	-.053694	-.000616	-.005321	-.000148	.0118822	-.003528	.000326

Sample Name: PB99161BL Acquired: 5/22/2017 17:12:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012432	-.001495	-.000106
Stddev	.0004666	.000886	.000029
%RSD	37.53344	59.28534	27.23137

#1	.0010818	-.000510	-.000094
#2	.0017691	-.001747	-.000085
#3	.0008787	-.002228	-.000139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.061	2497.690	52485.36	4267.285	3636.670
Stddev	29.368	62.243	839.17	13.902	98.072
%RSD	1.739724	2.492023	1.598860	.3257888	2.696765

#1	1693.018	2569.397	52752.55	4276.742	3749.692
#2	1656.530	2457.622	51545.13	4273.789	3574.014
#3	1714.634	2466.051	53158.40	4251.323	3586.305

Sample Name: PB99161BS Acquired: 5/22/2017 17:16:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200034	.0536578	.0212535	.0699294	.1192429	.3864156
Stddev	.0014467	.0008789	.0011759	.0025426	.0011959	.0059986
%RSD	7.232141	1.638068	5.532839	3.635951	1.002948	1.552371

#1	.0199122	.0529003	.0205351	.0684762	.1192365	.3796450
#2	.0186045	.0534515	.0226106	.0728653	.1204420	.3910671
#3	.0214935	.0546215	.0206149	.0684468	.1180502	.3885346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3921202	.0111175	.0097388	9.703801	.0225679	.0962636
Stddev	.0067050	.0001192	.0001072	.156907	.0002723	.0012957
%RSD	1.709928	1.072027	1.100862	1.616969	1.206671	1.345979

#1	.3844943	.0109813	.0097081	9.523172	.0227167	.0962023
#2	.3970912	.0111681	.0098580	9.806351	.0222536	.0975889
#3	.3947750	.0112030	.0096503	9.781881	.0227333	.0949997

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516384	.1635332	.0273295	10.26643	.0774245	.0196904
Stddev	.0029511	.0107233	.0008943	.23004	.0008790	.0000754
%RSD	5.714909	6.557253	3.272221	2.240723	1.135272	.3828161

#1	.0483276	.1687298	.0264619	10.01202	.0777793	.0197593
#2	.0525954	.1706682	.0282483	10.45977	.0780707	.0197020
#3	.0539923	.1512017	.0272784	10.32752	.0764236	.0196099

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.916503	.1050228	.1254398	8.888778	.0259374	F .0160566
Stddev	.121842	.0038848	.0101925	.245722	.0020760	.0008402
%RSD	1.228681	3.699007	8.125440	2.764404	8.004096	5.232525

#1	9.815228	.1032038	.1226413	8.608472	.0244952	.0169492
#2	10.05172	.1094834	.1169388	9.067014	.0283168	.0159394
#3	9.88257	.1023813	.1367392	8.990850	.0250001	.0152812

Sample Name: PB99161BS Acquired: 5/22/2017 17:16:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220214	.5529118	.2089710	F .0128222	.2111171	.0921154
Stddev	.0002824	.0177792	.0032762	.0005471	.0045062	.0023173
%RSD	1.282305	3.215555	1.567762	4.266727	2.134459	2.515641

#1	.0219473	.5396232	.2052043	.0134495	.2059164	.0894578
#2	.0223334	.5731081	.2111581	.0125738	.2138603	.0937140
#3	.0217834	.5460039	.2105506	.0124435	.2135746	.0931743

Elem	Sr4077
Units	ppm
Avg	.2113595
Stddev	.0039016
%RSD	1.845971

#1	.2069455
#2	.2143478
#3	.2127850

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.105	2514.573	54274.12	4585.166	3608.539
Stddev	13.529	18.563	668.55	92.558	31.135
%RSD	.7660181	.7382325	1.231810	2.018642	.8628266

#1	1765.775	2526.756	53936.33	4688.099	3626.124
#2	1779.796	2493.208	55044.17	4508.788	3572.590
#3	1752.745	2523.753	53841.86	4558.609	3626.904

Sample Name: I3251-01 Acquired: 5/22/2017 17:20:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0546165	-.015864	.1139734	-.038138	.0012968	80.40273	.2717200
Stddev	.0019106	.001055	.0020648	.001961	.0002668	.05586	.0008496
%RSD	3.498283	6.652675	1.811684	5.140643	20.56958	.0694750	.3126595

#1	.0552545	-.016081	.1141673	-.040389	.0013307	80.33974	.2707472
#2	.0524685	-.016794	.1118184	-.037223	.0015450	80.42220	.2720972
#3	.0561265	-.014717	.1159344	-.036803	.0010148	80.44625	.2723157

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051148	.0073818	46.67526	.1264744	.0341060	.1576609	221.3627
Stddev	.0001268	.0001007	.08027	.0001966	.0004449	.0023922	.2537
%RSD	2.479996	1.364458	.1719742	.1554638	1.304465	1.517304	.1146071

#1	.0051843	.0072959	46.74138	.1262523	.0340746	.1565750	221.4831
#2	.0049683	.0074926	46.69846	.1265444	.0345658	.1604035	221.0712
#3	.0051916	.0073568	46.58595	.1266264	.0336777	.1560043	221.5338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.697489	10.65443	.0514742	-.005221	1.600335	.2193532	.2835824
Stddev	.001755	.04972	.0003787	.000314	.049041	.0051272	.0189922
%RSD	.1033711	.4666587	.7357760	6.014169	3.064397	2.337420	6.697247

#1	1.699284	10.63357	.0512290	-.004862	1.619313	.2244399	.2701953
#2	1.697407	10.61854	.0519104	-.005444	1.544641	.2141864	.3053190
#3	1.695777	10.71118	.0512831	-.005358	1.637050	.2194334	.2752329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.335617	3.673511	-.583274	.0025010	10.58489	7.632755	.0113787
Stddev	.012733	.009155	.001000	.0001567	.03046	.021707	.0008718
%RSD	.1735808	.2492051	.1714838	6.263831	.2877800	.2843975	7.661315

#1	7.350099	3.682240	-.584321	.0026772	10.59617	7.611449	.0122783
#2	7.326179	3.674311	-.583172	.0024486	10.60809	7.631973	.0113199
#3	7.330571	3.663983	-.582329	.0023773	10.55039	7.654843	.0105378

Sample Name: I3251-01 Acquired: 5/22/2017 17:20:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8001122	.0603958	.0991192
Stddev	.0107978	.0011823	.0003191
%RSD	1.349536	1.957512	.3219552

#1	.8026270	.0595710	.0991324
#2	.7882788	.0598661	.0987937
#3	.8094306	.0617503	.0994315

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.070	2435.420	53380.29	4625.124	3153.095
Stddev	18.511	15.714	198.46	18.832	16.663
%RSD	1.092669	.6452140	.3717812	.4071606	.5284665

#1	1714.881	2432.046	53565.37	4603.388	3143.127
#2	1679.443	2421.667	53170.73	4635.445	3143.827
#3	1687.887	2452.546	53404.77	4636.537	3172.332

Sample Name: I3251-01DUP Acquired: 5/22/2017 17:24:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0478813	-.013201	.1081458	-.035975	.0028068	75.70350	.2558844
Stddev	.0026113	.002117	.0008768	.004288	.0024442	.22113	.0006382
%RSD	5.453629	16.03592	.8107190	11.91924	87.08005	.2920984	.2494245

#1	.0449164	-.011444	.1081585	-.035950	.0000395	75.90747	.2562904
#2	.0498391	-.012609	.1090161	-.031700	.0037104	75.46849	.2551487
#3	.0488884	-.015552	.1072628	-.040276	.0046706	75.73453	.2562140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048994	.0069234	44.10620	.1201237	.0319459	.1452686	207.5834
Stddev	.0001148	.0000718	.10165	.0013029	.0004167	.0025864	.4836
%RSD	2.342579	1.036986	.2304676	1.084606	1.304402	1.780407	.2329731

#1	.0048543	.0068712	44.22021	.1194358	.0319064	.1482546	207.8516
#2	.0050299	.0068938	44.02501	.1216263	.0323810	.1437289	207.0252
#3	.0048140	.0070053	44.07338	.1193089	.0315504	.1438223	207.8736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.589643	9.981308	.0483128	-.005037	1.351688	.2110358	.2657606
Stddev	.000750	.030331	.0007101	.000100	.069771	.0030582	.0246102
%RSD	.0471626	.3038771	1.469719	1.995104	5.161732	1.449117	9.260294

#1	1.589058	10.01563	.0475664	-.004940	1.273195	.2135283	.2591045
#2	1.590488	9.97017	.0483922	-.005030	1.406651	.2119560	.2930143
#3	1.589382	9.95812	.0489798	-.005141	1.375219	.2076233	.2451631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.832038	3.380406	-.547009	.0021048	9.822585	7.397520	.0110981
Stddev	.040653	.020908	.004111	.0003681	.057151	.085391	.0009026
%RSD	.5950412	.6184938	.7515937	17.48800	.5818278	1.154313	8.132589

#1	6.843140	3.357022	-.551206	.0016888	9.759763	7.493847	.0103021
#2	6.865987	3.397295	-.546832	.0022373	9.871495	7.367588	.0109135
#3	6.786987	3.386902	-.542989	.0023882	9.836499	7.331126	.0120787

Sample Name: I3251-01DUP Acquired: 5/22/2017 17:24:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7518270	.0565498	.0929273
Stddev	.0107425	.0012233	.0003497
%RSD	1.428848	2.163222	.3762919

#1	.7622819	.0551566	.0928684
#2	.7408183	.0570445	.0926108
#3	.7523808	.0574482	.0933027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1707.523	2446.479	53554.25	4636.090	3178.635
Stddev	9.469	6.063	208.18	13.772	4.558
%RSD	.5545575	.2478113	.3887357	.2970708	.1434018

#1	1703.549	2439.481	53323.36	4621.649	3173.586
#2	1718.332	2449.813	53727.64	4637.541	3179.871
#3	1700.689	2450.143	53611.75	4649.079	3182.448

Sample Name: I3251-01MS Acquired: 5/22/2017 17:28:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.1224044	.1063750	.1418762	.0575112	.1935730	77.20357	4.147268
Stddev	.0018283	.0045039	.0030771	.0031913	.0078106	.47392	.025849
%RSD	1.493692	4.234006	2.168837	5.548929	4.034960	.6138598	.6232857

#1	.1214003	.1115318	.1451917	.0551311	.2001107	76.82332	4.133061
#2	.1245147	.1043807	.1413247	.0562650	.1956846	77.73451	4.177105
#3	.1212981	.1032126	.1391121	.0611375	.1849237	77.05287	4.131637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973886	.0991820	42.87891	.5117788	1.006623	.6285170	202.8895
Stddev	.0006932	.0026093	.55073	.0026330	.026044	.0015485	1.9104
%RSD	.7118402	2.630834	1.284390	.5144838	2.587252	.2463651	.9416159

#1	.0966306	.1021769	42.27564	.5104699	1.036689	.6286507	200.6844
#2	.0979905	.0973993	43.35477	.5100567	.991059	.6299942	204.0454
#3	.0975448	.0979697	43.00632	.5148098	.992120	.6269060	203.9388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.559685	9.845458	1.003910	.0376917	1.545235	1.196416	1.166935
Stddev	.017212	.111456	.026684	.0002137	.110917	.007408	.024348
%RSD	.6724179	1.132055	2.658018	.5670297	7.178007	.6191951	2.086460

#1	2.542723	9.761155	1.034697	.0375612	1.458558	1.189063	1.139146
#2	2.577136	9.803394	.987451	.0375757	1.506915	1.196306	1.177136
#3	2.559194	9.971824	.989580	.0379384	1.670231	1.203878	1.184523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.631749	3.325931	-.532015	.0014814	9.596051	7.737855	.0107605
Stddev	.042142	.079866	.006004	.0003874	.245351	.096600	.0017238
%RSD	.6354563	2.401309	1.128557	26.14799	2.556793	1.248406	16.01921

#1	6.605435	3.418036	-.525422	.0015096	9.879319	7.708607	.0113966
#2	6.680355	3.275880	-.533453	.0018538	9.450342	7.659259	.0120758
#3	6.609458	3.283875	-.537169	.0010807	9.458491	7.845699	.0088091

Sample Name: I3251-01MS Acquired: 5/22/2017 17:28:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7390556	.0543562	.0900138
Stddev	.0026839	.0002097	.0005586
%RSD	.3631516	.3858687	.6205150

#1	.7359981	.0545952	.0895442
#2	.7401459	.0542029	.0906314
#3	.7410227	.0542704	.0898657

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.894	2441.923	53239.22	4619.205	3180.297
Stddev	7.869	60.450	132.60	39.723	79.765
%RSD	.4637377	2.475511	.2490588	.8599467	2.508113

#1	1693.693	2372.194	53345.41	4664.781	3088.327
#2	1705.859	2474.040	53281.64	4600.891	3221.972
#3	1691.130	2479.536	53090.60	4591.943	3230.593

Sample Name: I3251-01LX5 Acquired: 5/22/2017 17:32:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) 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	.0129347	-.001591	.0213464	-.008500	-.000087	14.93705	.0494889
Stddev	.0013003	.001321	.0003044	.002149	.000907	.04763	.0007134
%RSD	10.05254	83.08029	1.425803	25.27908	1046.473	.3188618	1.441450

#1	.0139889	-.002730	.0211916	-.007171	.000948	14.93382	.0498600
#2	.0114817	-.001900	.0211505	-.007350	-.000743	14.98622	.0499402
#3	.0133334	-.000142	.0216970	-.010980	-.000465	14.89112	.0486665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011599	.0010981	8.877689	.0244501	.0063882	.0275716	39.56331
Stddev	.0000502	.0001206	.061588	.0003537	.0000592	.0011568	.08184
%RSD	4.326439	10.98039	.6937364	1.446775	.9264334	4.195546	.2068689

#1	.0012171	.0010518	8.809164	.0241040	.0063506	.0281592	39.52063
#2	.0011234	.0010075	8.895478	.0248110	.0064564	.0262390	39.51163
#3	.0011391	.0012349	8.928424	.0244353	.0063576	.0283167	39.65768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3046919	2.101900	.0104096	-.000786	.1991467	.0428351	.0469365
Stddev	.0007709	.046976	.0004336	.000277	.0773302	.0031230	.0124496
%RSD	.2530177	2.234943	4.165500	35.28050	38.83077	7.290786	26.52425

#1	.3047076	2.151987	.0105087	-.000531	.1102231	.0462351	.0608944
#2	.3039132	2.058821	.0107851	-.000746	.2506373	.0400942	.0429366
#3	.3054548	2.094893	.0099350	-.001081	.2365796	.0421761	.0369785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190205	.6441243	-.120403	.0005202	1.889811	1.656918	.0015349
Stddev	.024307	.0065227	.000991	.0002716	.023089	.018477	.0007818
%RSD	2.042221	1.012644	.8231456	52.20928	1.221777	1.115158	50.93469

#1	1.206251	.6496201	-.119350	.0004260	1.908595	1.677020	.0017751
#2	1.202124	.6458365	-.120539	.0003082	1.864034	1.640675	.0006612
#3	1.162239	.6369163	-.121319	.0008264	1.896806	1.653058	.0021684

Sample Name: I3251-01LX5 Acquired: 5/22/2017 17:32:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1566309	.0090650	.0183549
Stddev	.0041187	.0004349	.0001322
%RSD	2.629557	4.797026	.7200449

#1	.1608472	.0090943	.0184461
#2	.1526173	.0094844	.0184154
#3	.1564283	.0086162	.0182034

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.136	2529.602	54520.52	4489.218	3537.132
Stddev	9.188	17.419	56.97	15.130	22.575
%RSD	.5241132	.6885966	.1044943	.3370377	.6382282

#1	1754.038	2510.589	54556.90	4505.662	3513.391
#2	1761.841	2533.425	54549.78	4486.108	3539.680
#3	1743.530	2544.791	54454.86	4475.884	3558.324

Sample Name: I3130-05A Acquired: 5/22/2017 17:37:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3287523	-.049017	4.921488	-.094012	.0030055	114.5637	2.564723
Stddev	.0033653	.002072	.019323	.000744	.0020755	.3058	.006122
%RSD	1.023670	4.227903	.3926290	.7910548	69.05618	.2669102	.2386976

#1	.3280809	-.046708	4.900578	-.093235	.0033449	114.5939	2.558483
#2	.3257732	-.049627	4.925202	-.094717	.0048904	114.8532	2.570720
#3	.3324027	-.050716	4.938686	-.094083	.0007813	114.2439	2.564965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157673	.0554684	180.5900	.4547267	.1412291	.9225314	476.3557
Stddev	.0001466	.0003492	.4159	.0011849	.0009507	.0027676	3.0497
%RSD	.9296852	.6295565	.2303061	.2605661	.6731642	.3000046	.6402049

#1	.0157833	.0553169	181.0697	.4552057	.1401324	.9203526	478.9323
#2	.0156133	.0552205	180.3304	.4533773	.1418201	.9256455	477.1461
#3	.0159052	.0558677	180.3699	.4555970	.1417347	.9215962	472.9886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48812	56.09795	.1871177	-.006694	2.799792	.3873320	8.488181
Stddev	.07516	.38711	.0015927	.000376	.134814	.0053111	.030913
%RSD	.7166139	.6900540	.8511989	5.611791	4.815128	1.371214	.3641878

#1	10.55192	56.35979	.1853150	-.007115	2.806147	.3860737	8.523818
#2	10.50717	56.28078	.1883345	-.006576	2.661914	.3931593	8.472119
#3	10.40527	55.65330	.1877035	-.006392	2.931316	.3827630	8.468605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.00779	17.35524	-1.25325	.0091937	29.00553	7.933324	1.156310
Stddev	.05434	.04440	.00762	.0004011	.03967	.051000	.003517
%RSD	.4936066	.2558539	.6079866	4.362227	.1367709	.6428577	.3041597

#1	11.06342	17.32397	-1.25593	.0088061	28.98641	7.985931	1.152267
#2	11.00512	17.33568	-1.25917	.0096070	28.97905	7.929942	1.157994
#3	10.95485	17.40606	-1.24465	.0091679	29.05115	7.884100	1.158668

Sample Name: I3130-05A Acquired: 5/22/2017 17:37:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8284839	.1062062	.5450621
Stddev	.0044655	.0007396	.0013348
%RSD	.5389972	.6964024	.2448807

#1	.8291247	.1054844	.5454298
#2	.8325944	.1061716	.5461745
#3	.8237326	.1069624	.5435820

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.483	2531.232	56644.37	5032.018	2804.695
Stddev	8.274	5.848	167.86	32.780	9.246
%RSD	.4683843	.2310378	.2963375	.6514218	.3296615

#1	1764.405	2536.996	56825.37	5005.457	2815.152
#2	1759.447	2531.398	56493.82	5021.946	2801.331
#3	1775.598	2525.303	56613.93	5068.652	2797.602

Sample Name: I3135-02A Acquired: 5/22/2017 17:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3728256	-.040831	1.215249	-.090286	.0103077	88.56043	1.548159
Stddev	.0117840	.002905	.037009	.003722	.0012102	.29738	.003686
%RSD	3.160735	7.115476	3.045413	4.122953	11.74058	.3357903	.2381153

#1	.3595638	-.037902	1.172541	-.085989	.0116620	88.30170	1.543997
#2	.3768187	-.040879	1.235283	-.092529	.0093320	88.88531	1.549465
#3	.3820942	-.043712	1.237922	-.092340	.0099293	88.49428	1.551013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150278	.0249033	41.20390	.4600725	.1937060	.3558390	483.3420
Stddev	.0001366	.0009514	.40400	.0173003	.0064676	.0017992	3.2705
%RSD	.9087906	3.820398	.9804998	3.760334	3.338887	.5056164	.6766350

#1	.0148881	.0238120	40.74849	.4501476	.1862611	.3578312	480.3752
#2	.0150344	.0253402	41.34402	.4500210	.1969183	.3553531	486.8489
#3	.0151610	.0255579	41.51919	.4800490	.1979386	.3543326	482.8017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.87458	12.17086	.1417050	-.011223	1.996655	.4892771	1.875082
Stddev	.16189	.19867	.0053833	.001582	.098843	.0046343	.088035
%RSD	.6256787	1.632325	3.798974	14.09882	4.950431	.9471712	4.694990

#1	25.71590	11.98538	.1354897	-.010169	2.108055	.4887816	1.832101
#2	26.03951	12.38050	.1447228	-.010458	1.919448	.4941392	1.816794
#3	25.86833	12.14669	.1449026	-.013043	1.962463	.4849105	1.976351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.008283	8.323667	-1.31884	.0117518	15.95892	12.85584	.0412238
Stddev	.041585	.249501	.01207	.0003008	.50010	.10424	.0026488
%RSD	.5933706	2.997486	.9155405	2.559444	3.133671	.8108355	6.425285

#1	6.960413	8.035591	-1.30579	.0116886	15.38565	12.73806	.0381716
#2	7.028950	8.464601	-1.32113	.0114876	16.18543	12.89324	.0425803
#3	7.035486	8.470809	-1.32961	.0120791	16.30569	12.93621	.0429195

Sample Name: I3135-02A Acquired: 5/22/2017 17:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.027969	.0487112	.1166673
Stddev	.005097	.0007172	.0005093
%RSD	.4958348	1.472368	.4365272

#1	1.023413	.0492521	.1160826
#2	1.027020	.0478976	.1169049
#3	1.033474	.0489838	.1170143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.889	2703.863	57696.49	5036.796	3159.930
Stddev	44.351	65.390	1425.91	30.779	91.381
%RSD	2.441027	2.418405	2.471394	.6110928	2.891875

#1	1848.736	2778.896	58493.40	5069.453	3265.131
#2	1835.699	2673.653	58545.80	5008.323	3114.409
#3	1766.234	2659.039	56050.28	5032.611	3100.250

Sample Name: CCV032 Acquired: 5/22/2017 17:45:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.016460	4.722809	24.79040	4.902805	4.943219	384.2696
Stddev	.009705	.008935	.06213	.017237	.011223	1.2354
%RSD	.1934684	.1891899	.2506089	.3515682	.2270345	.3214967

#1	5.011819	4.728346	24.72007	4.893310	4.930945	385.4265
#2	5.009946	4.712501	24.81330	4.892402	4.952957	384.4138
#3	5.027615	4.727581	24.83783	4.922701	4.945756	382.9684

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.841026	.5023840	2.497371	382.4137	14.82467	2.515904
Stddev	.033065	.0006327	.006712	.6844	.03752	.002798
%RSD	.3359865	.1259407	.2687560	.1789803	.2530999	.1112278

#1	9.872646	.5031136	2.490829	382.4913	14.86781	2.513049
#2	9.843747	.5019858	2.497044	383.0561	14.80655	2.516022
#3	9.806685	.5020527	2.504241	381.6938	14.79965	2.518642

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01473	409.7379	15.29465	410.3675	2.440068	1.225324
Stddev	.04960	.9651	.04707	1.1320	.002047	.005474
%RSD	.3303754	.2355387	.3077675	.2758610	.0839028	.4467337

#1	15.04953	410.4600	15.29552	410.4837	2.438405	1.229940
#2	15.03672	410.1118	15.34128	411.4370	2.442355	1.226755
#3	14.95793	408.6418	15.24714	409.1819	2.439445	1.219276

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.2795	2.396407	14.62528	154.7147	5.261659	F 4.231855
Stddev	1.2602	.017959	.04792	.4470	.010732	.011931
%RSD	.3171967	.7494083	.3276637	.2888887	.2039587	.2819400

#1	398.5798	2.407188	14.57176	155.2308	5.267013	4.240545
#2	397.1952	2.406357	14.66421	154.4591	5.249303	4.218252
#3	396.0637	2.375675	14.63986	154.4542	5.268660	4.236768

Sample Name: CCV032 Acquired: 5/22/2017 17:45:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.934039	4.890932	5.062432	4.920462	5.007340	5.131831
Stddev	.004982	.006741	.008695	.008531	.020877	.014035
%RSD	.1009650	.1378237	.1717460	.1733699	.4169242	.2734901

#1	4.928529	4.884166	5.072040	4.915458	5.025350	5.147350
#2	4.938225	4.890981	5.060148	4.930312	5.012212	5.128114
#3	4.935362	4.897648	5.055107	4.915615	4.984458	5.120029

Elem	Sr4077
Units	ppm
Avg	5.057569
Stddev	.008658
%RSD	.1711838

#1	5.065386
#2	5.059058
#3	5.048263

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.255	2000.939	44402.94	3983.441	2383.394
Stddev	4.881	1.525	70.31	11.976	2.031
%RSD	.3515668	.0761921	.1583453	.3006387	.0852135

#1	1389.895	2002.206	44321.76	3969.911	2385.207
#2	1382.766	2001.362	44444.27	3987.734	2381.199
#3	1392.105	1999.247	44442.79	3992.678	2383.777

Sample Name: CCB032 Acquired: 5/22/2017 17:48:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001027	-.000099	-.000170	-.000468	-.001102	.0092261	-.002179
Stddev	.001617	.000689	.001149	.003315	.000438	.0011183	.001171
%RSD	157.4060	699.6093	677.7931	707.9182	39.75779	12.12060	53.73412

#1	-.002324	-.000627	.000548	-.000273	-.001225	.0080712	-.002865
#2	-.001542	-.000350	.000439	.002745	-.000615	.0093034	-.002846
#3	.000784	.000681	-.001495	-.003877	-.001465	.0103037	-.000827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000902	-.000062	.0114808	.0003580	-.000008	-.000852	.0161898
Stddev	.0000753	.000073	.0163527	.0001753	.000062	.002574	.0031634
%RSD	83.42496	117.4000	142.4354	48.96827	739.4010	302.0777	19.53949

#1	.0000084	-.000028	.0259129	.0001867	-.000077	.002115	.0187528
#2	.0001058	-.000013	.0148098	.0003502	.000045	-.002185	.0126543
#3	.0001565	-.000146	-.006280	.0005370	.000007	-.002486	.0171623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000351	.0173137	.0001517	.0005267	-.329282	.0019817	-.001807
Stddev	.000415	.0279588	.0001536	.0000057	.189702	.0027970	.020143
%RSD	118.2990	161.4831	101.2114	1.078622	57.61088	141.1414	1114.917

#1	-.000035	-.013440	.0003181	.0005330	-.469119	.0019395	-.024884
#2	-.000821	.024186	.0001216	.0005220	-.405381	-.000794	.007221
#3	-.000196	.041195	.0000155	.0005250	-.113346	.004800	.012243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.124816	-.002075	-.001739	.0003706	.0084921	-.001021	.0003040
Stddev	.105481	.001329	.002676	.0002580	.0163494	.001179	.0000816
%RSD	84.50935	64.03461	153.8721	69.62951	192.5248	115.4839	26.85215

#1	-.160581	-.003468	-.003670	.0006656	.0272171	-.000668	.0003702
#2	-.006102	-.001936	.001316	.0001871	-.002952	-.000059	.0002128
#3	-.207763	-.000821	-.002863	.0002590	.001211	-.002337	.0003289

Sample Name: CCB032 Acquired: 5/22/2017 17:48:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v16) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006981	-.000222	.0000710
Stddev	.0002682	.000882	.0000341
%RSD	38.41903	396.6677	48.05505

#1	.0004360	-.000512	.0001075
#2	.0006863	.000768	.0000657
#3	.0009720	-.000923	.0000398

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.793	2508.681	53419.70	4430.127	3634.770
Stddev	1.959	8.804	40.07	370.607	14.272
%RSD	.1124607	.3509438	.0750031	8.365604	.3926509

#1	1743.932	2502.183	53403.47	4333.172	3628.380
#2	1741.358	2505.159	53465.33	4117.634	3624.810
#3	1740.088	2518.701	53390.29	4839.574	3651.121