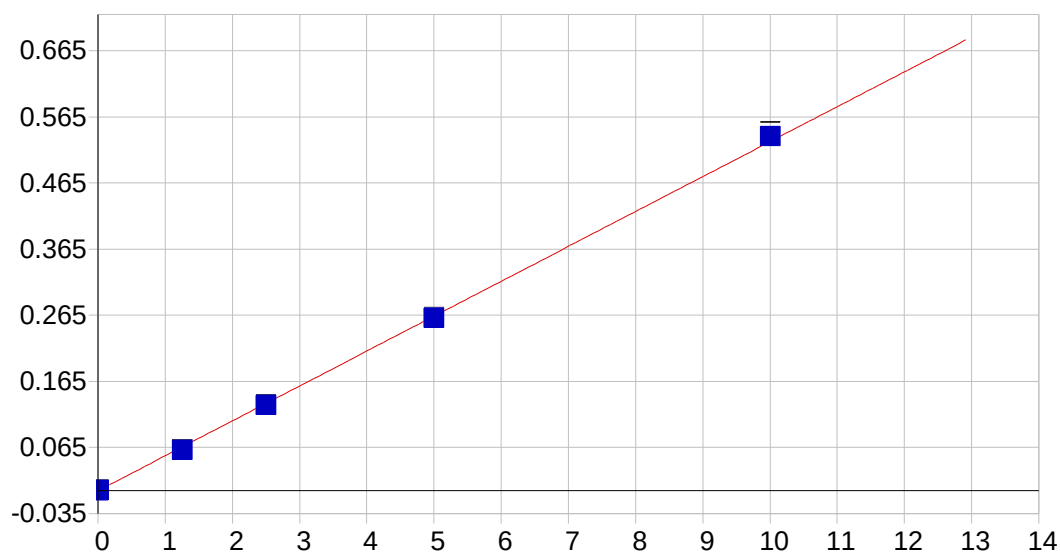




As 189.042 {479}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000284

Re-Slope: 1.000000

A1 (Gain): 0.052792

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999771

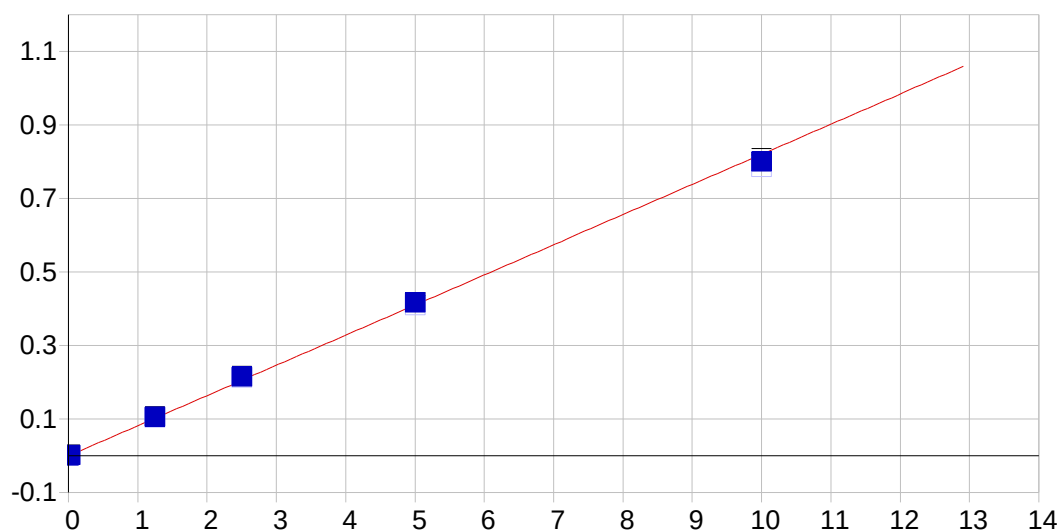
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.002692

Predicted MQL: 0.008973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.01140	.001	14.0	.00032	.000	1
S2	1.2500	1.1722	-.078	-6.23	.06158	.000	1
S3	2.5000	2.4576	-.042	-1.70	.12942	.001	1
S4	5.0000	4.9600	-.040	-.799	.26149	.001	1
S5	10.000	10.159	.159	1.59	.53587	.007	1



TI 190.856 {477}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000217

Re-Slope: 1.000000

A1 (Gain): 0.082036

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999580

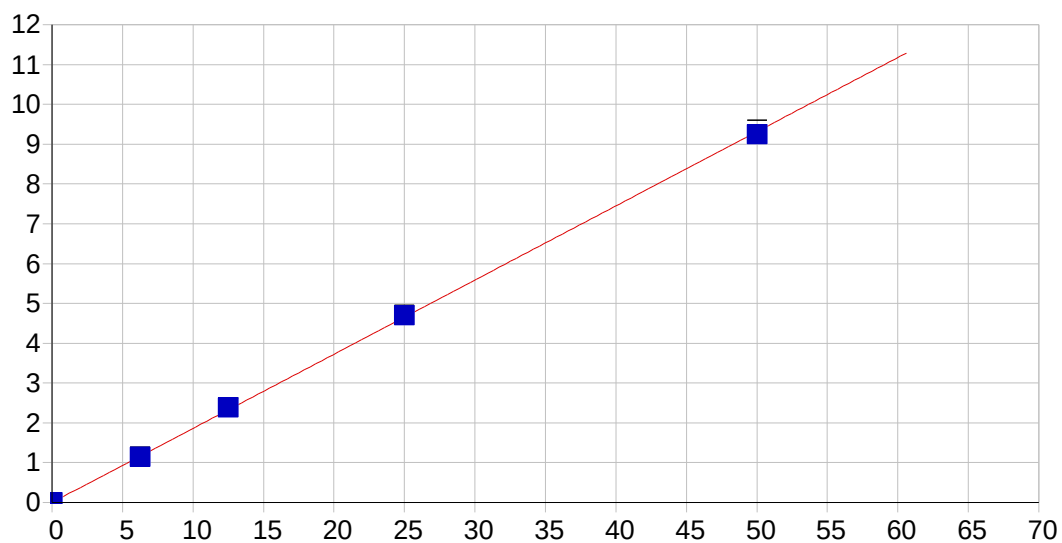
Status: OK.

Std Error of Est: 0.000062

Predicted MDL: 0.001356

Predicted MQL: 0.004519

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00022	.000	1
S1	.02500	.02875	.004	15.0	.00197	.000	1
S2	1.2500	1.2883	.038	3.06	.10360	.001	1
S3	2.5000	2.6231	.123	4.92	.21125	.001	1
S4	5.0000	5.0817	.082	1.63	.40921	.000	1
S5	10.000	9.7535	-.247	-2.47	.78501	.009	1

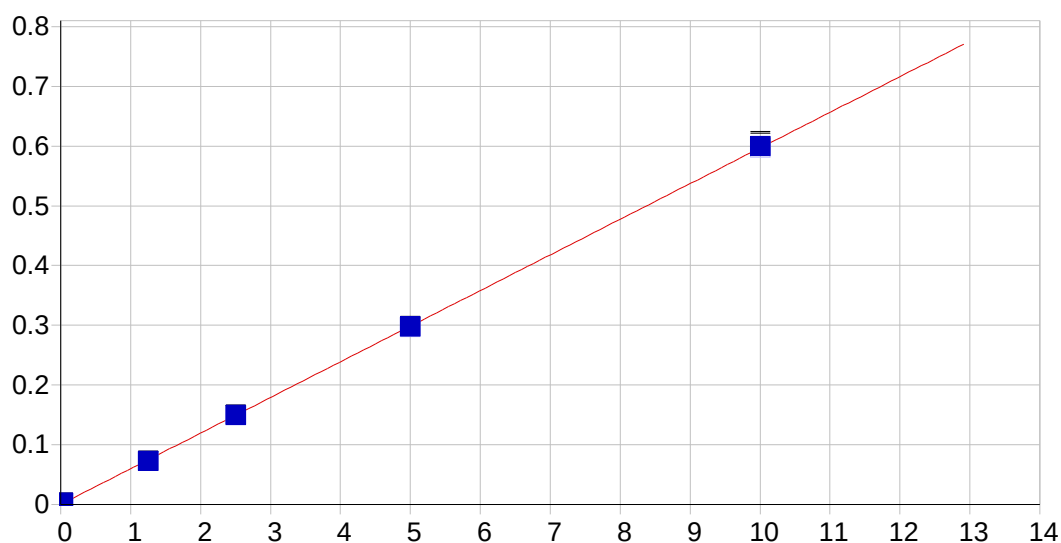


Pb 220.353 {453}

Date of Fit: 5/15/2017 15:58:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.186224 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.001247
 Predicted MQL: 0.004156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.00985	.000	-1.52	.00199	.000	1
S2	6.2500	6.1289	-.121	-1.94	1.1418	.004	1
S3	12.500	12.775	.275	2.20	2.3799	.006	1
S4	25.000	25.216	.216	.865	4.6974	.008	1
S5	50.000	49.630	-.370	-.741	9.2451	.116	1



Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000202

Re-Slope: 1.000000

A1 (Gain): 0.059668

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999953

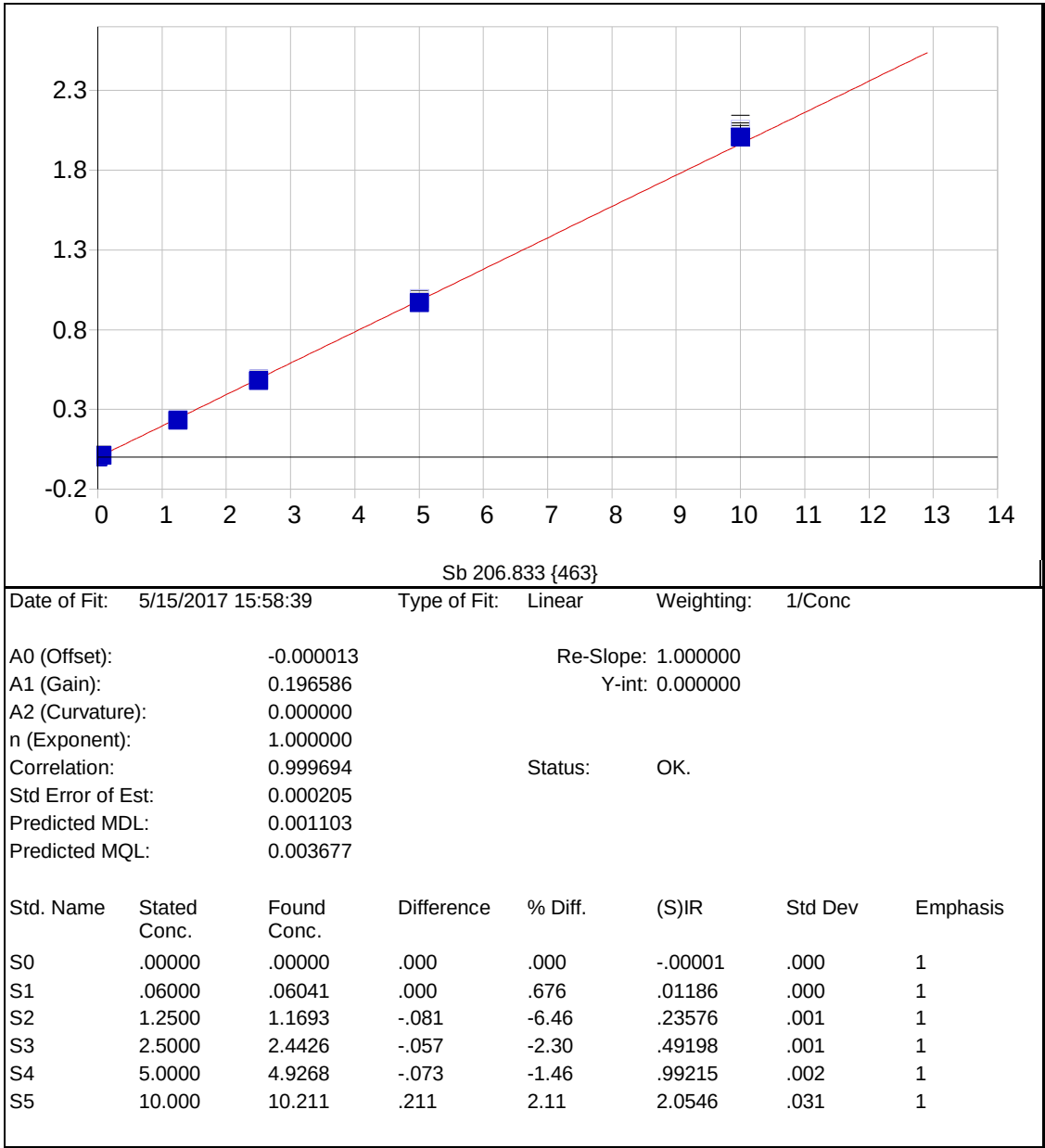
Status: OK.

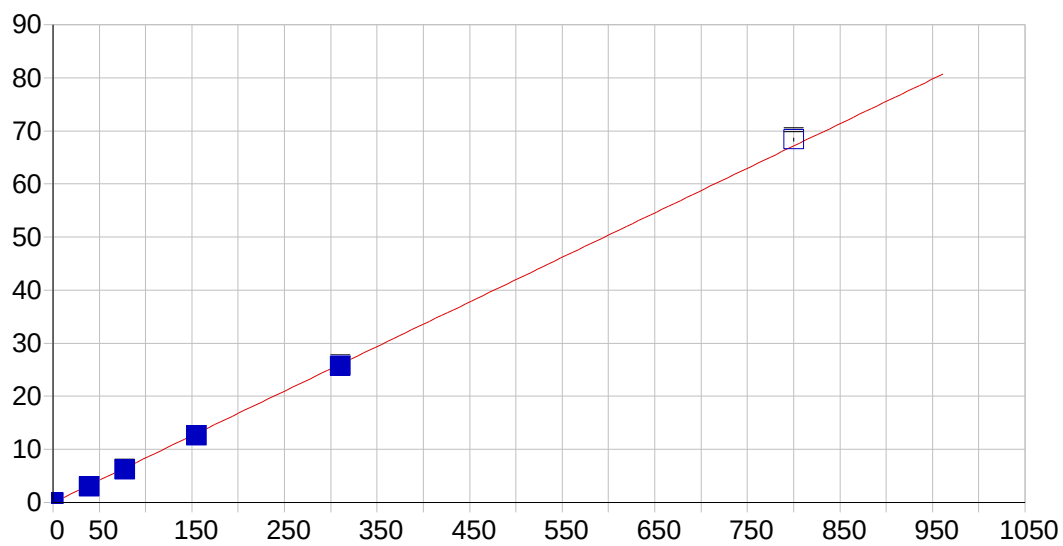
Std Error of Est: 0.000018

Predicted MDL: 0.002646

Predicted MQL: 0.008820

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.03500	.03821	.003	9.17	.00248	.000	1
S2	1.2500	1.2108	-.039	-3.14	.07217	.000	1
S3	2.5000	2.5045	.004	.178	.14909	.001	1
S4	5.0000	4.9876	-.012	-.249	.29670	.001	1
S5	10.000	10.044	.044	.440	.59730	.008	1



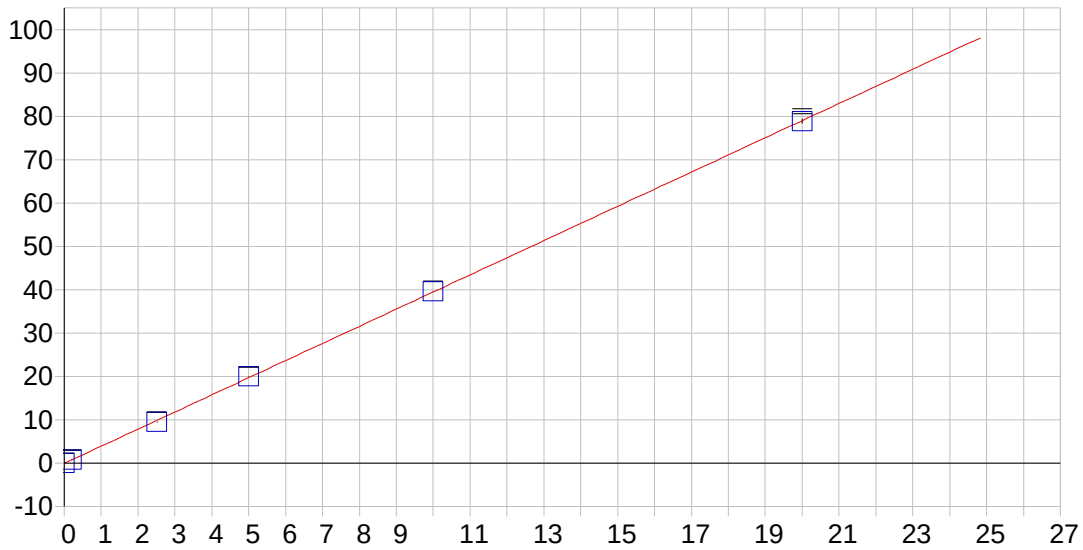


AI 396.152 { 85}

Date of Fit: 5/15/2017 16:02:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000876 Re-Slope: 1.000000
 A1 (Gain): 0.083937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999675 Status: OK.
 Std Error of Est: 0.001332
 Predicted MDL: 0.007366
 Predicted MQL: 0.024554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00088	.000	1
S1	.20000	.19799	-.002	-1.01	.01753	.001	1
S2	38.750	35.356	-3.39	-8.76	2.9724	.002	1
S3	77.500	74.298	-3.20	-4.13	6.2450	.012	1
S4	155.00	149.93	-5.07	-3.27	12.601	.030	1
S5	310.00	306.90	-3.10	-1.00	25.792	.106	1
S6	800.00	814.79	14.8	1.85	68.392	.372	1

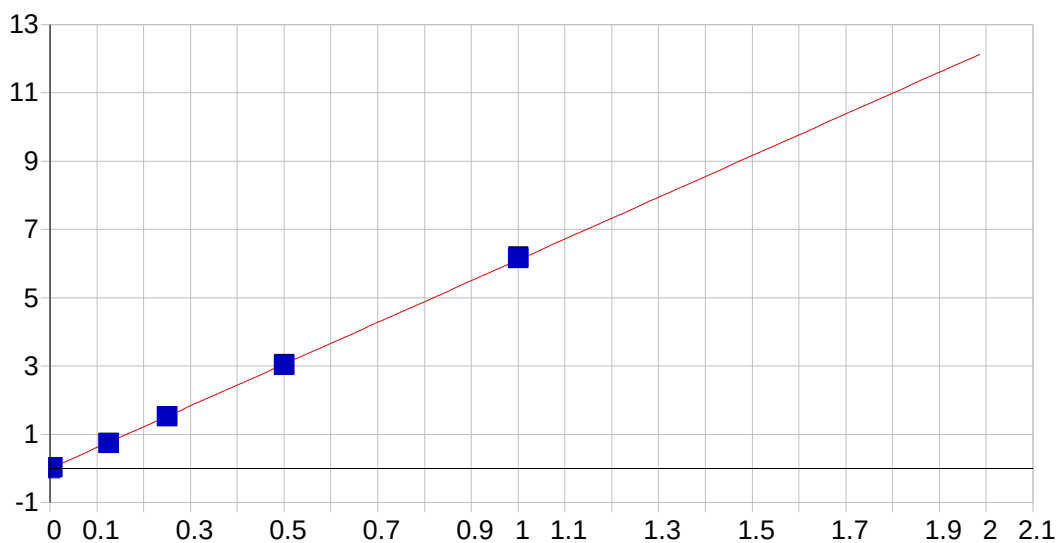


Ba 493.409 { 68}

Date of Fit: 5/15/2017 15:58:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.062751 Re-Slope: 1.000000
 A1 (Gain): 3.952543 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.004325
 Predicted MDL: 0.000571
 Predicted MQL: 0.001904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.06275	.001	1
S1	.20000	.20418	.004	2.09	.74428	.002	1
S2	2.5000	2.4157	-.084	-3.37	9.4856	.014	1
S3	5.0000	5.0631	.063	1.26	19.949	.057	1
S4	10.000	10.047	.047	.474	39.650	.098	1
S5	20.000	19.970	-.030	-.152	78.868	.591	1



Be 234.861 {144}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002640

Re-Slope: 1.000000

A1 (Gain): 6.110109

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999913

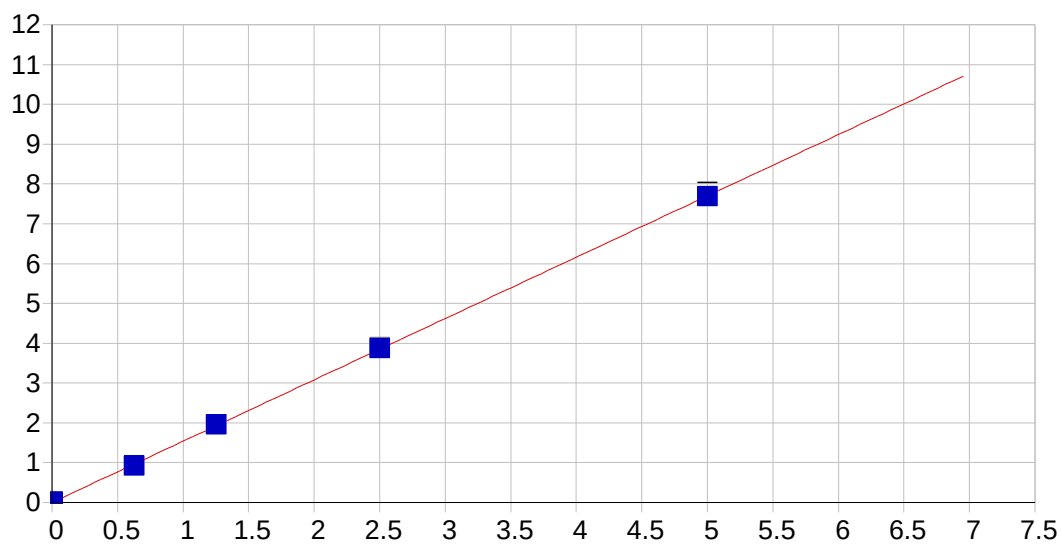
Status: OK.

Std Error of Est: 0.000301

Predicted MDL: 0.000073

Predicted MQL: 0.000244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00264	.000	1
S1	.00500	.00535	.000	6.94	.03001	.000	1
S2	.12500	.12024	-.005	-3.81	.72948	.002	1
S3	.25000	.24862	-.001	-.550	1.5113	.005	1
S4	.50000	.49647	-.004	-.705	3.0206	.021	1
S5	1.0000	1.0093	.009	.931	6.1438	.035	1

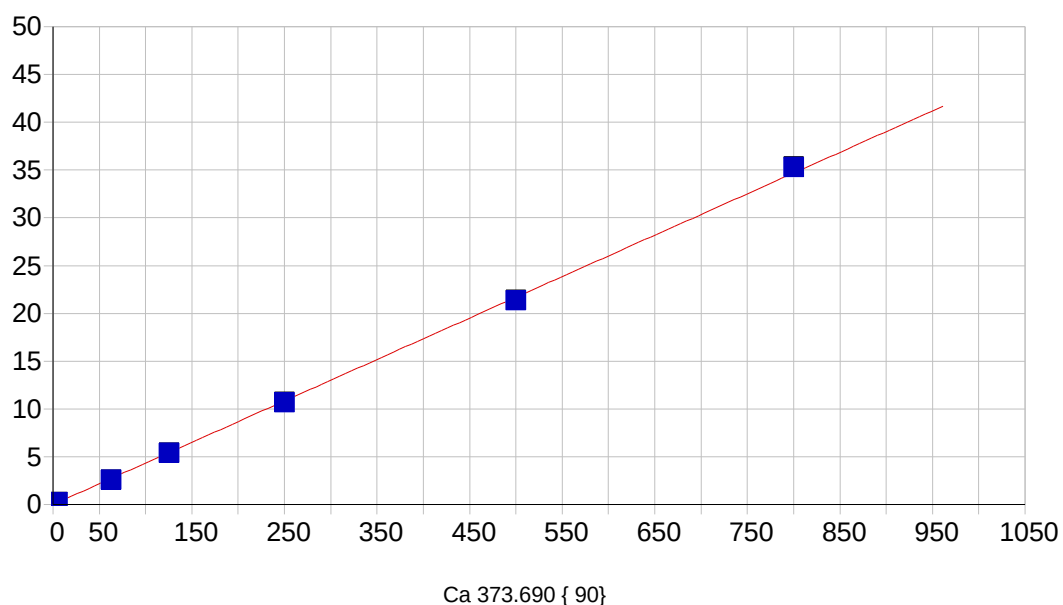


Cd 214.438 {457}

Date of Fit: 5/15/2017 15:58:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000129 Re-Slope: 1.000000
 A1 (Gain): 1.539888 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.000093
 Predicted MQL: 0.000311

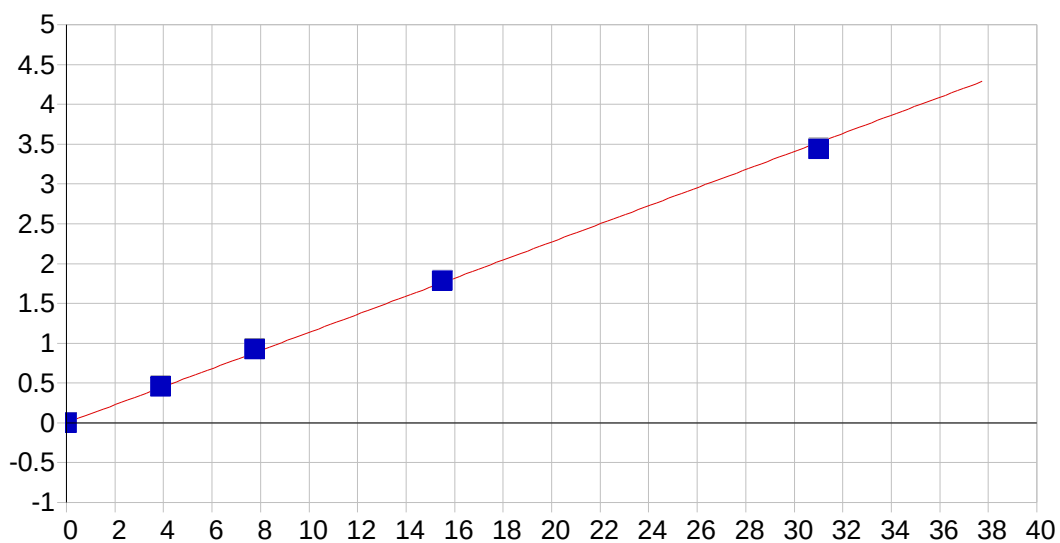
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.00500	.00517	.000	3.42	.00810	.000	1
S2	.62500	.59859	-.026	-4.23	.92357	.004	1
S3	1.2500	1.2664	.016	1.31	1.9536	.004	1
S4	2.5000	2.5175	.017	.698	3.8835	.010	1
S5	5.0000	4.9924	-.008	-.152	7.7014	.098	1



Date of Fit: 5/15/2017 16:02:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001461 Re-Slope: 1.000000
 A1 (Gain): 0.043352 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.002612
 Predicted MDL: 0.012752
 Predicted MQL: 0.042505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	.00147	.000	1
S1	5.0000	5.1170	.117	2.34	.22329	.000	1
S2	62.500	59.974	-2.53	-4.04	2.5982	.005	1
S3	125.00	124.49	-.513	-.411	5.3916	.022	1
S4	250.00	246.03	-3.97	-1.59	10.654	.043	1
S5	500.00	492.85	-7.15	-1.43	21.341	.029	1
S6	800.00	814.05	14.1	1.76	35.222	.047	1

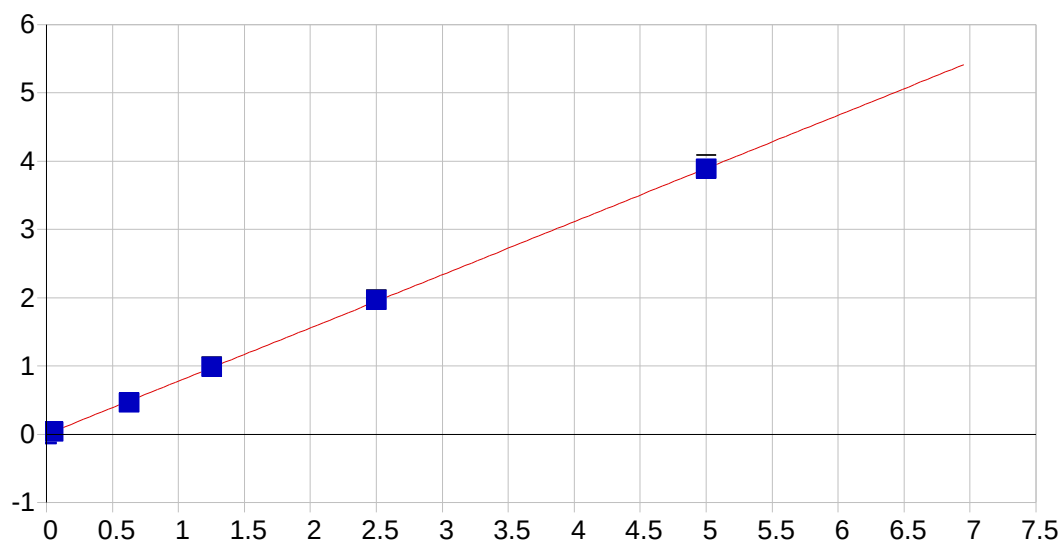


Cr 267.716 {126}

Date of Fit: 5/15/2017 15:58:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.113584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999593 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000445
 Predicted MQL: 0.001483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.01203	.002	20.3	.00135	.000	1
S2	3.8750	4.0201	.145	3.74	.45773	.002	1
S3	7.7500	8.1457	.396	5.11	.92748	.004	1
S4	15.500	15.716	.216	1.39	1.7896	.001	1
S5	31.000	30.241	-.759	-2.45	3.4440	.005	1

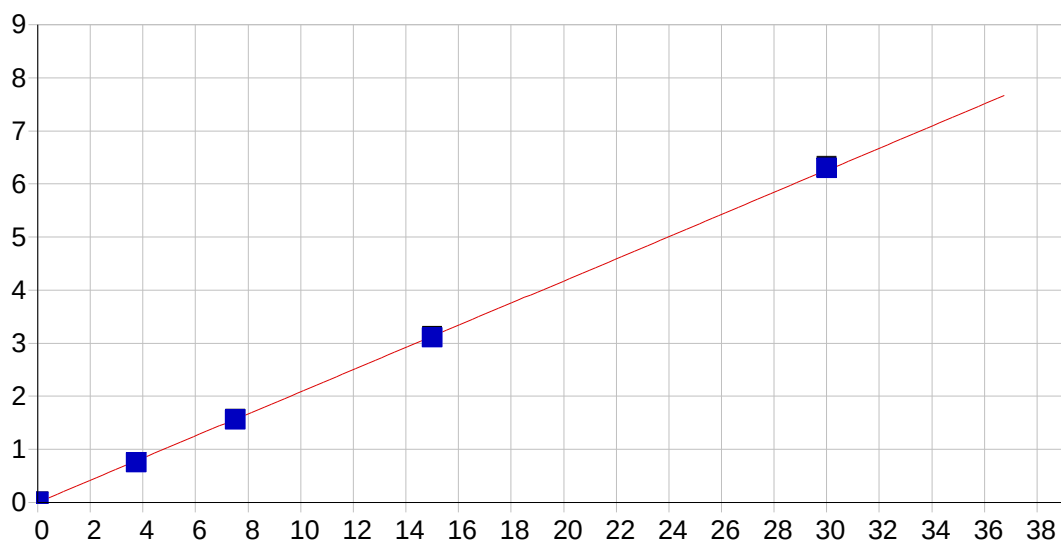


Co 228.616 {448}

Date of Fit: 5/15/2017 15:58:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.778768 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000280
 Predicted MDL: 0.000217
 Predicted MQL: 0.000722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.05000	.04844	-.002	-3.11	.03750	.000	1
S2	.62500	.59610	-.029	-4.62	.46487	.001	1
S3	1.2500	1.2633	.013	1.06	.98546	.004	1
S4	2.5000	2.5222	.022	.889	1.9679	.002	1
S5	5.0000	4.9950	-.005	-.101	3.8977	.049	1



Cu 324.754 {104}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001004

Re-Slope: 1.000000

A1 (Gain): 0.208562

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999937

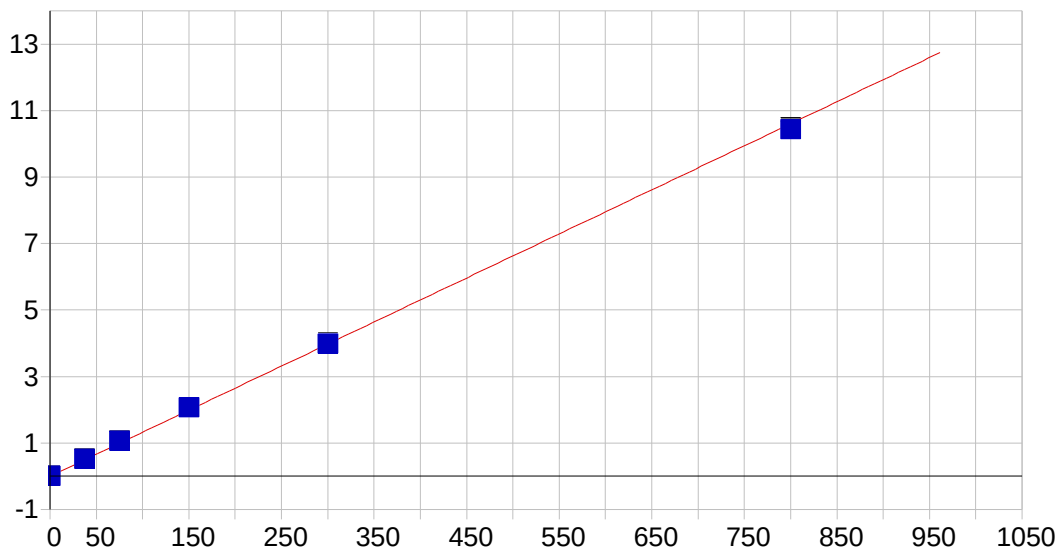
Status: OK.

Std Error of Est: 0.000108

Predicted MDL: 0.001830

Predicted MQL: 0.006101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00100	.000	1
S1	.02500	.02400	-.001	-4.00	.00598	.000	1
S2	3.7500	3.6152	-.135	-3.59	.75277	.003	1
S3	7.5000	7.4883	-.012	-.156	1.5583	.006	1
S4	15.000	14.918	-.082	-.544	3.1035	.015	1
S5	30.000	30.229	.229	.764	6.2878	.026	1

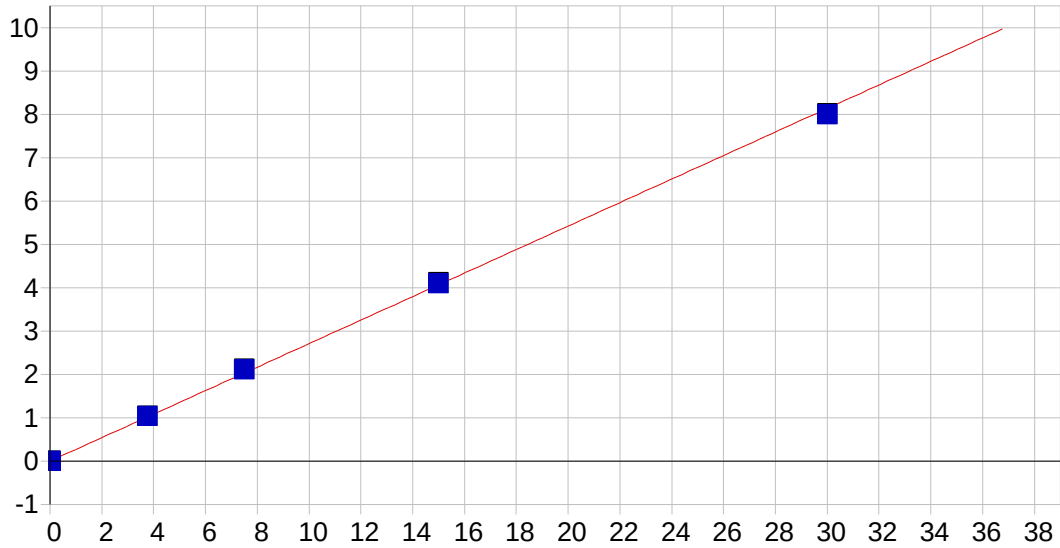


Fe 259.837 {130}

Date of Fit: 5/15/2017 16:02:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.013254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999726 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.014650
 Predicted MQL: 0.048835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00013	.000	1
S1	.10000	.11789	.018	17.9	.00170	.000	1
S2	37.500	38.847	1.35	3.59	.51561	.002	1
S3	75.000	79.720	4.72	6.29	1.0579	.001	1
S4	150.00	155.50	5.50	3.67	2.0635	.007	1
S5	300.00	300.90	.904	.301	3.9931	.018	1
S6	800.00	787.50	-12.5	-1.56	10.443	.049	1



Mn 257.610 {131}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000303

Re-Slope: 1.000000

A1 (Gain): 0.271122

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999786

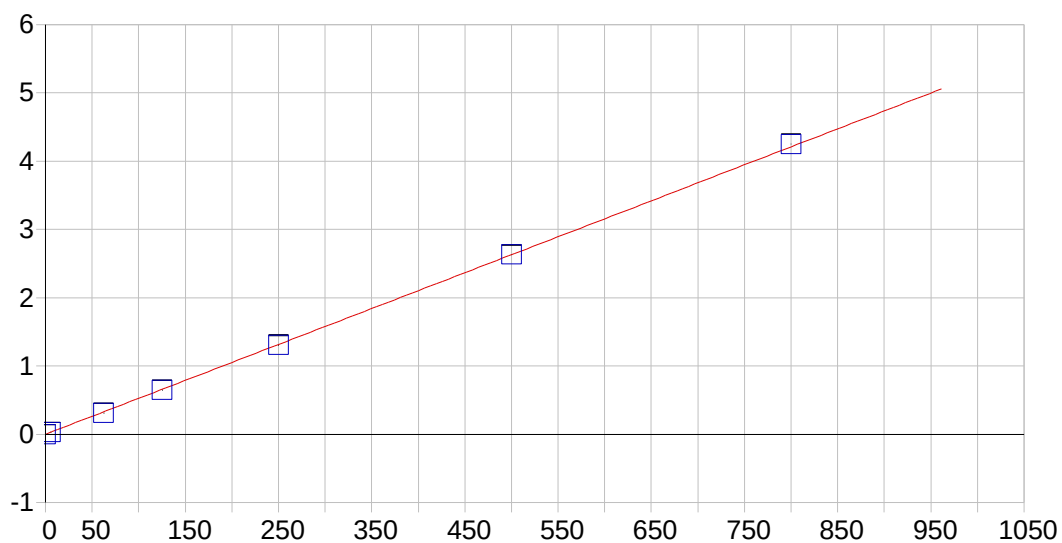
Status: OK.

Std Error of Est: 0.000199

Predicted MDL: 0.000814

Predicted MQL: 0.002712

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.01500	.01758	.003	17.2	.00447	.000	1
S2	3.7500	3.8129	.063	1.68	1.0337	.001	1
S3	7.5000	7.8073	.307	4.10	2.1169	.006	1
S4	15.000	15.138	.138	.918	4.1048	.024	1
S5	30.000	29.489	-.511	-1.70	7.9967	.019	1

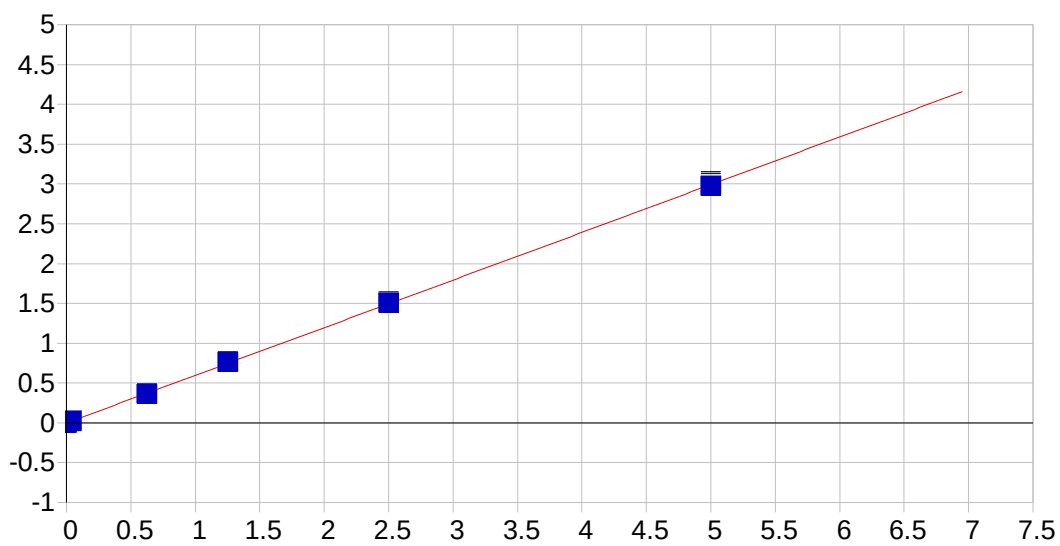


Mg 279.079 {121}

Date of Fit: 5/15/2017 16:02:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.005262 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000267
 Predicted MDL: 0.041176
 Predicted MQL: 0.137253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00041	.000	.000	-.00012	.000	1
S1	5.0000	4.9649	-.035	-.703	.02600	.000	1
S2	62.500	58.593	-3.91	-6.25	.30817	.001	1
S3	125.00	123.39	-1.61	-1.29	.64909	.001	1
S4	250.00	247.81	-2.19	-.874	1.3038	.007	1
S5	500.00	499.62	-.384	-.077	2.6286	.006	1
S6	800.00	808.12	8.12	1.02	4.2519	.007	1



Ni 231.604 {446}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000796

Re-Slope: 1.000000

A1 (Gain): 0.598205

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999930

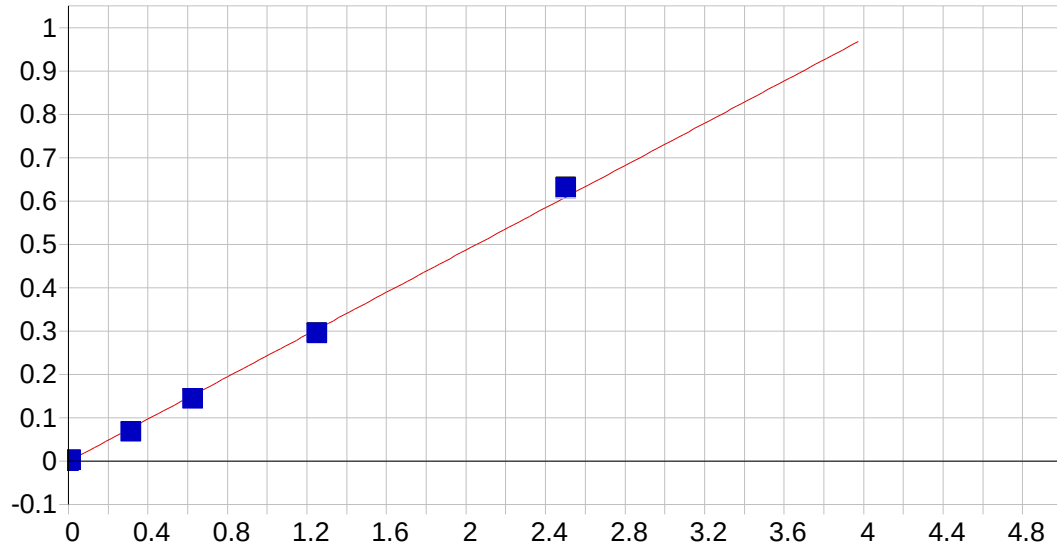
Status: OK.

Std Error of Est: 0.000169

Predicted MDL: 0.000326

Predicted MQL: 0.001086

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.04000	.03969	.000	-.765	.02298	.000	1
S2	.62500	.60733	-.018	-2.83	.36448	.002	1
S3	1.2500	1.2746	.025	1.96	.76559	.002	1
S4	2.5000	2.5215	.022	.861	1.5155	.003	1
S5	5.0000	4.9719	-.028	-.562	2.9892	.038	1

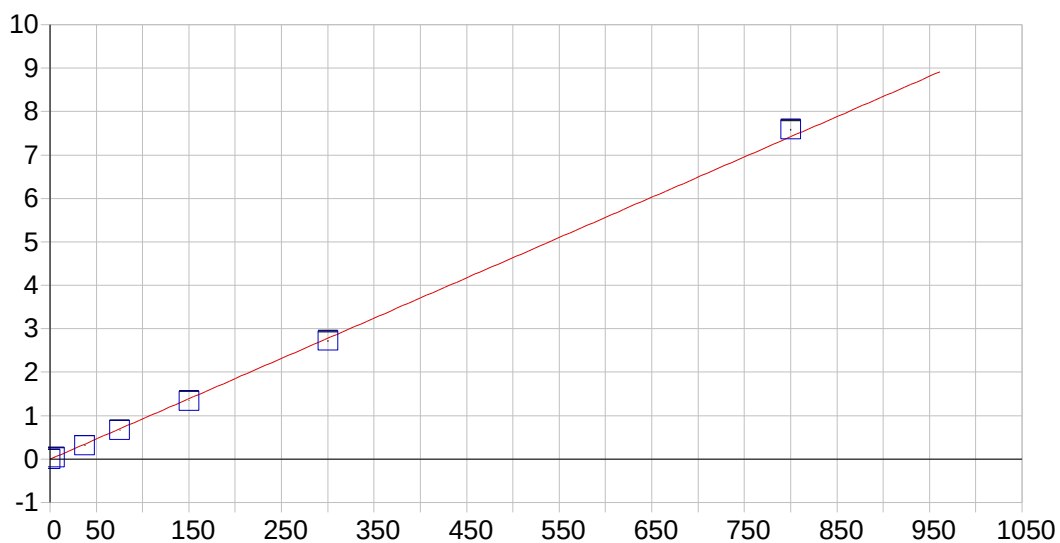


Ag 328.068 {103}

Date of Fit: 5/15/2017 15:58:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000473 Re-Slope: 1.000000
 A1 (Gain): 0.243622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999002 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000328
 Predicted MQL: 0.001093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.01000	.01017	.000	1.67	.00200	.000	1
S2	.31250	.28064	-.032	-10.2	.06738	.000	1
S3	.62500	.59510	-.030	-4.78	.14347	.000	1
S4	1.2500	1.2160	-.034	-2.72	.29369	.001	1
S5	2.5000	2.5956	.096	3.82	.62771	.001	1

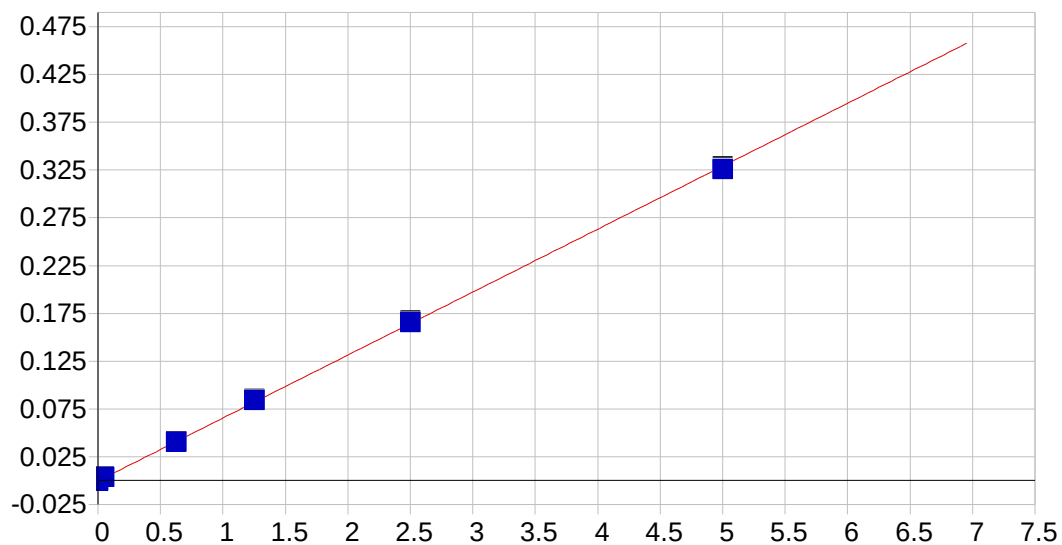


Na 818.326 { 41}

Date of Fit: 5/15/2017 16:02:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003084 Re-Slope: 1.000000
 A1 (Gain): 0.009277 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.000816
 Predicted MDL: 0.168211
 Predicted MQL: 0.560704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00104	.001	.000	-.00307	.000	1
S1	5.0000	4.7446	-.255	-5.11	.04093	.001	1
S2	37.500	34.351	-3.15	-8.40	.31560	.002	1
S3	75.000	72.063	-2.94	-3.92	.66547	.004	1
S4	150.00	144.89	-5.11	-3.41	1.3411	.008	1
S5	300.00	293.53	-6.47	-2.16	2.7201	.015	1
S6	800.00	817.91	17.9	2.24	7.5850	.019	1



V 292.402 {115}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000363

Re-Slope: 1.000000

A1 (Gain): 0.065885

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999838

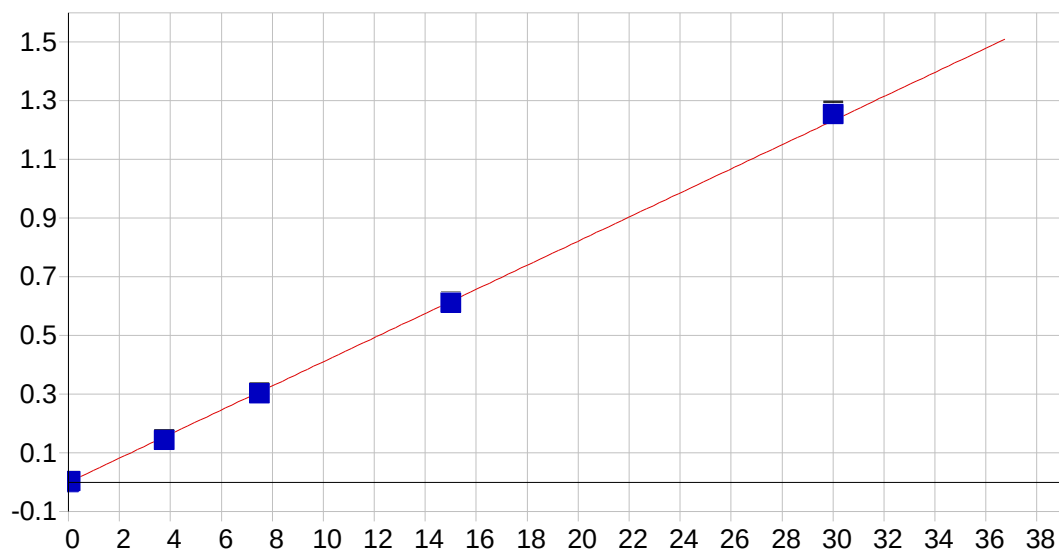
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.003864

Predicted MQL: 0.012879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00036	.000	1
S1	.05000	.05846	.008	16.9	.00350	.000	1
S2	.62500	.61856	-.006	-1.03	.04056	.000	1
S3	1.2500	1.2829	.033	2.63	.08450	.001	1
S4	2.5000	2.5185	.019	.741	.16625	.001	1
S5	5.0000	4.9466	-.053	-1.07	.32691	.002	1



Zn 213.856 {158}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000572

Re-Slope: 1.000000

A1 (Gain): 0.041105

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999741

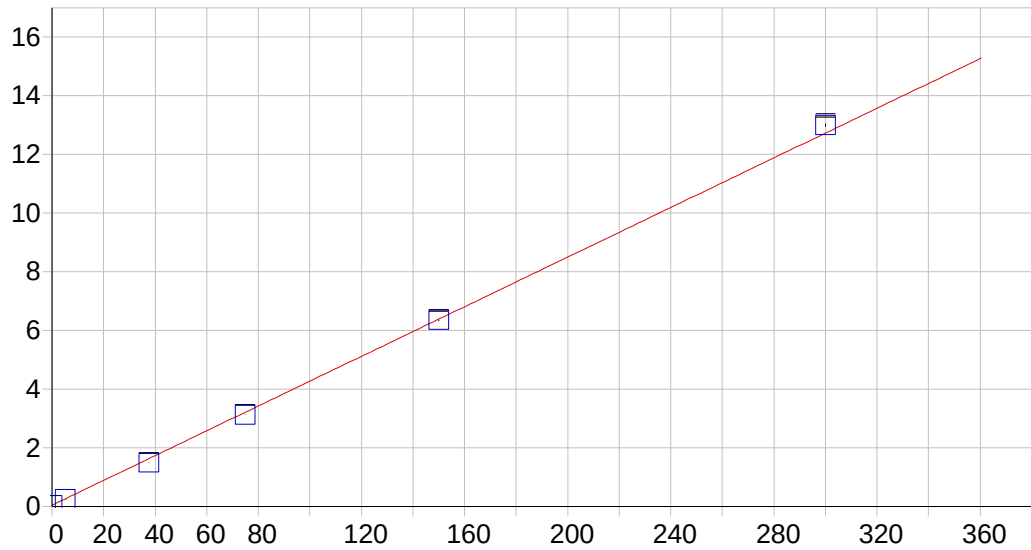
Status: OK.

Std Error of Est: 0.000067

Predicted MDL: 0.012073

Predicted MQL: 0.040244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.06000	.06172	.002	2.87	.00197	.001	1
S2	3.7500	3.4958	-.254	-6.78	.14349	.001	1
S3	7.5000	7.3663	-.134	-1.78	.30296	.001	1
S4	15.000	14.877	-.123	-.817	.61244	.002	1
S5	30.000	30.509	.509	1.70	1.2564	.008	1



K 769.896 { 44}

Date of Fit: 5/15/2017 15:58:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.043003

Re-Slope: 1.000000

A1 (Gain): 0.042293

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999545

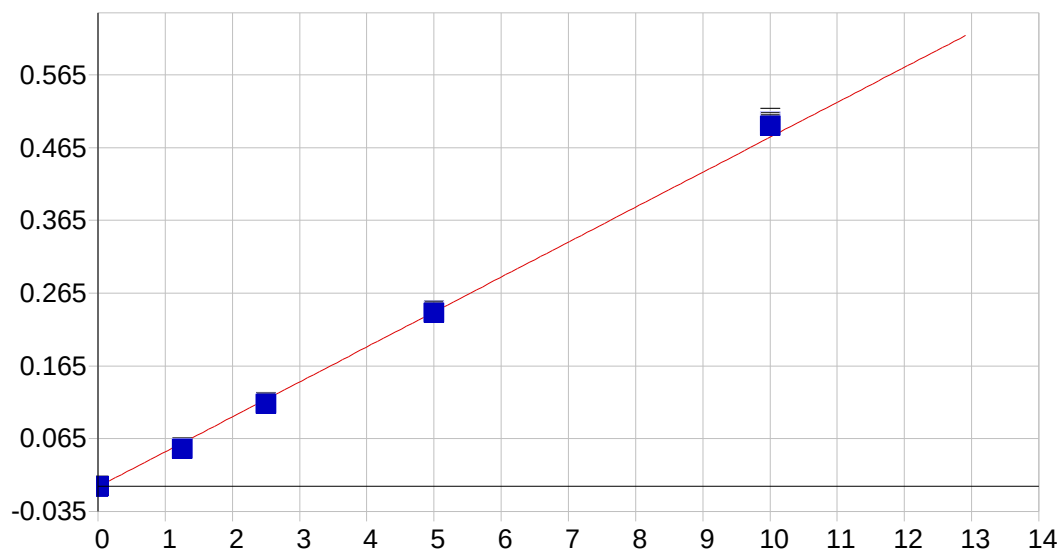
Status: OK.

Std Error of Est: 0.002630

Predicted MDL: 0.033999

Predicted MQL: 0.113331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00083	.001	.000	.04304	.001	1
S1	5.0000	4.6705	-.329	-6.59	.24053	.003	1
S2	37.500	34.155	-3.35	-8.92	1.4875	.001	1
S3	75.000	73.035	-1.97	-2.62	3.1318	.015	1
S4	150.00	149.16	-.837	-.558	6.3515	.026	1
S5	300.00	306.48	6.48	2.16	13.005	.055	1

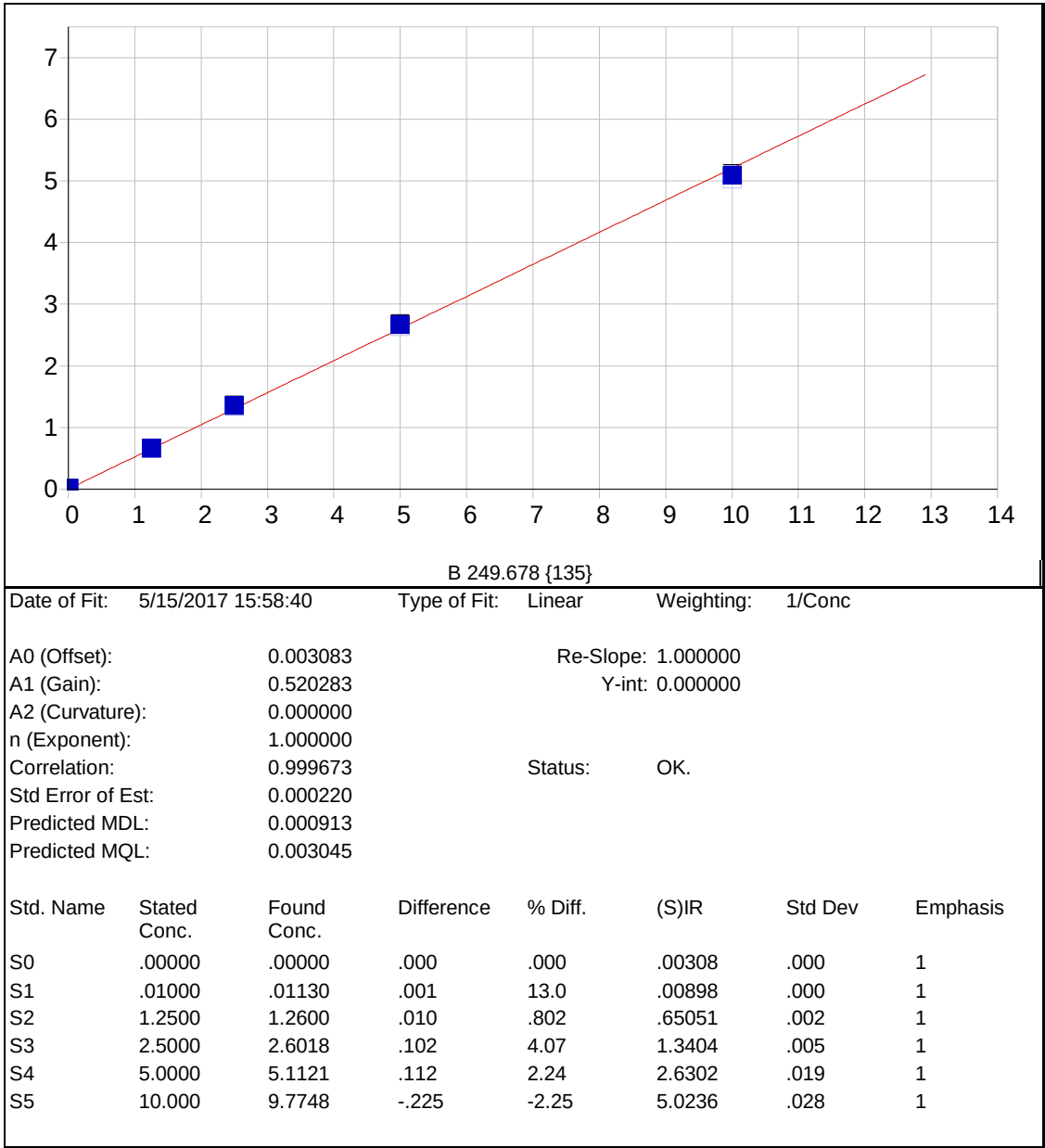


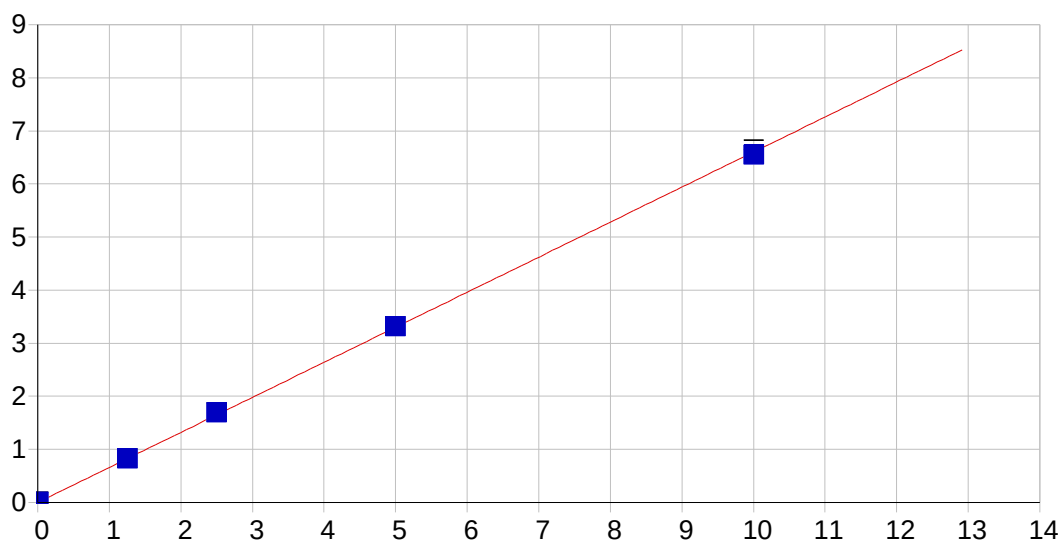
P 177.495 {490}

Date of Fit: 5/15/2017 15:58:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001063 Re-Slope: 1.000000
 A1 (Gain): 0.048039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998995 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001984
 Predicted MQL: 0.006614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00106	.000	1
S1	.01000	.01214	.002	21.4	-.00047	.000	1
S2	1.2500	1.0869	-.163	-13.0	.05193	.000	1
S3	2.5000	2.3729	-.127	-5.09	.11448	.000	1
S4	5.0000	4.9668	-.033	-.664	.24064	.000	1
S5	10.000	10.321	.321	3.21	.50097	.005	1



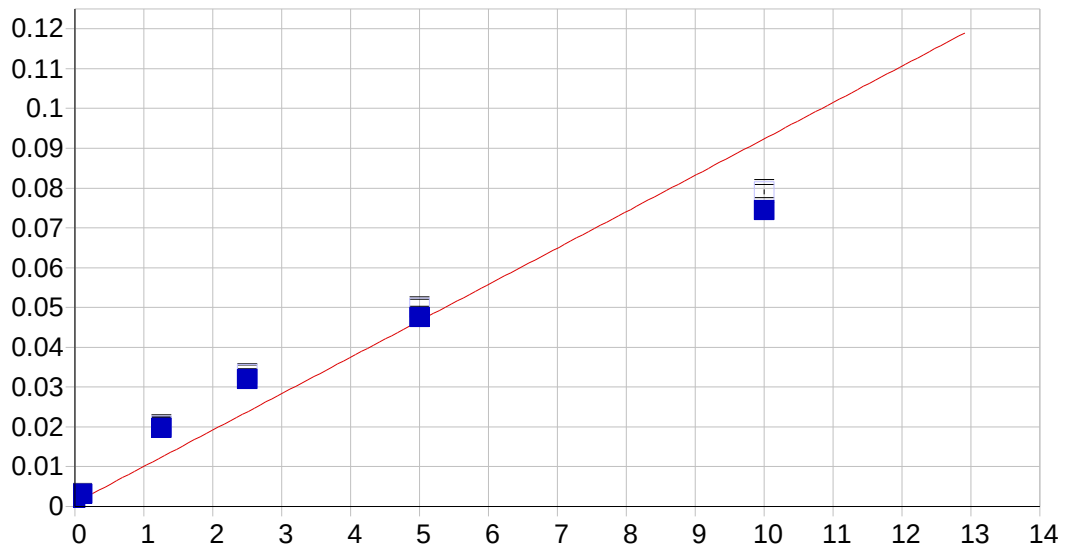


Mo 202.030 {467}

Date of Fit: 5/15/2017 15:58:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000254 Re-Slope: 1.000000
 A1 (Gain): 0.660112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.000266
 Predicted MQL: 0.000888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.01000	.01110	.001	11.0	.00760	.000	1
S2	1.2500	1.2509	.001	.069	.82671	.002	1
S3	2.5000	2.5606	.061	2.42	1.6920	.002	1
S4	5.0000	5.0172	.017	.344	3.3152	.005	1
S5	10.000	9.9203	-.080	-.797	6.5547	.090	1



S 182.034 {485}

Date of Fit: 5/15/2017 15:58:40

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000907

Re-Slope: 1.000000

A1 (Gain): 0.009144

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.966592

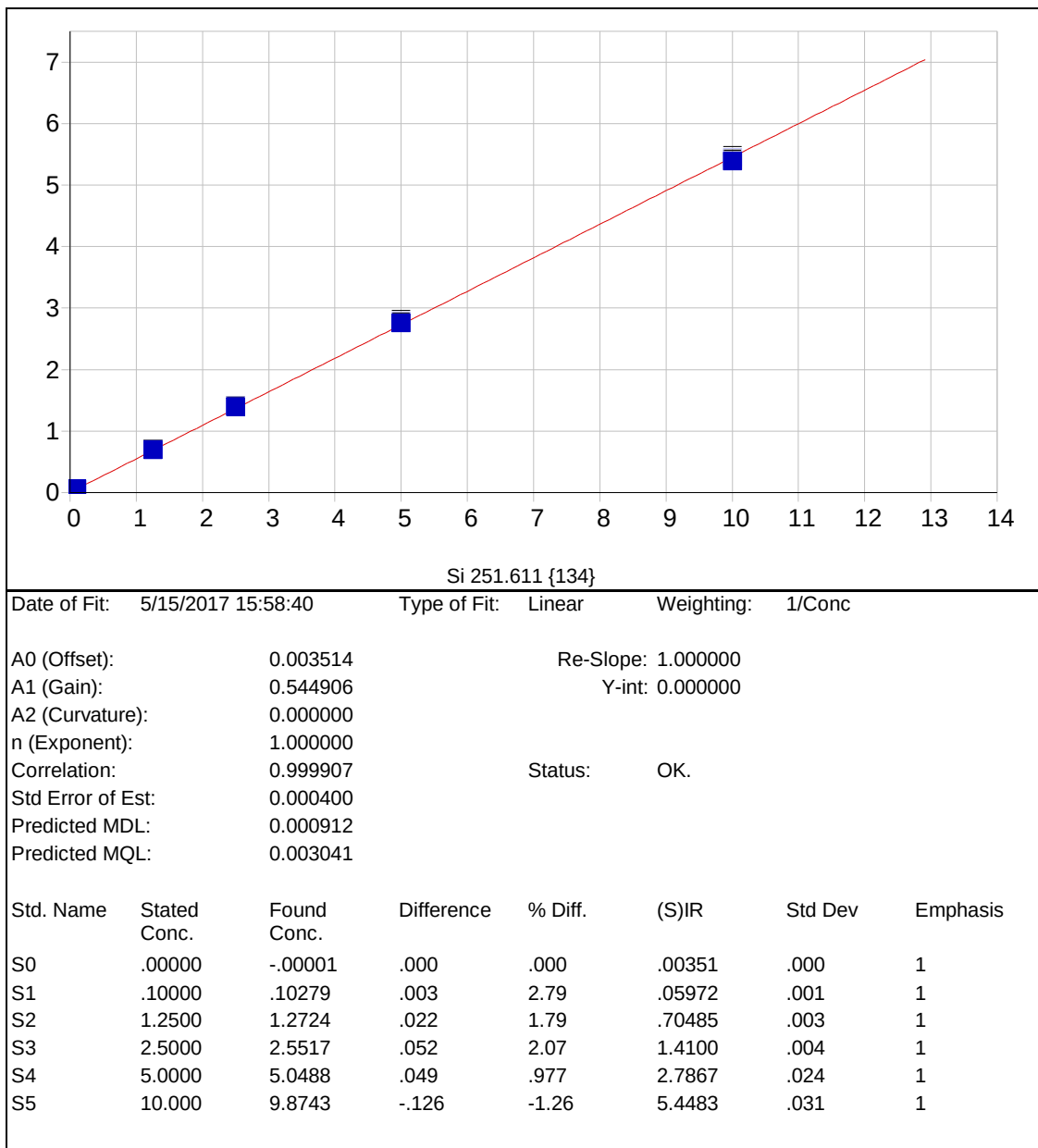
Status: OK.

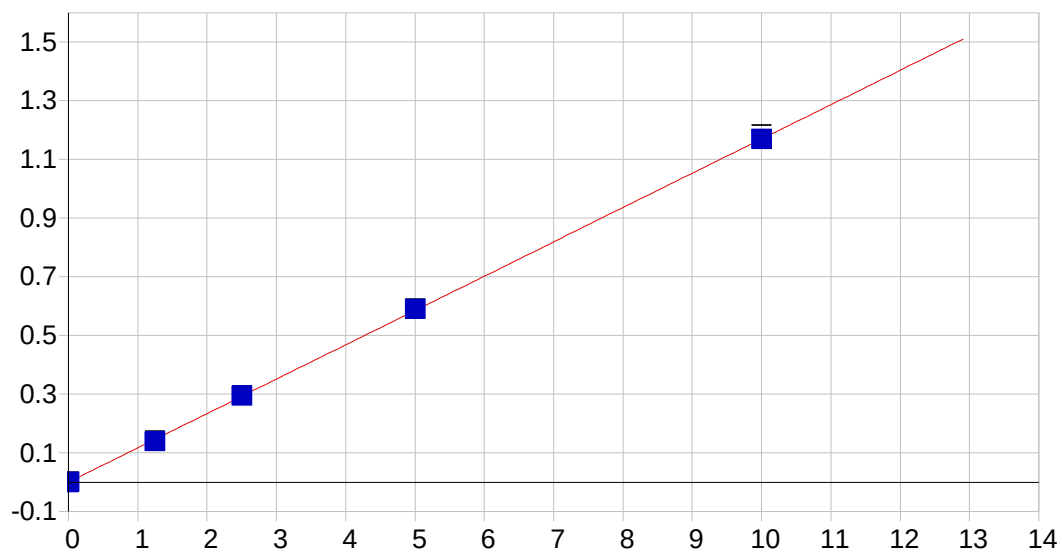
Std Error of Est: 0.000135

Predicted MDL: 0.009340

Predicted MQL: 0.031134

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	.000	.000	.00090	.000	1
S1	.10000	.25177	.152	152.	.00321	.000	1
S2	1.2500	2.0572	.807	64.6	.02030	.000	1
S3	2.5000	3.4006	.901	36.0	.03316	.000	1
S4	5.0000	5.1072	.107	2.14	.04993	.000	1
S5	10.000	8.0403	-1.96	-19.6	.07908	.001	1



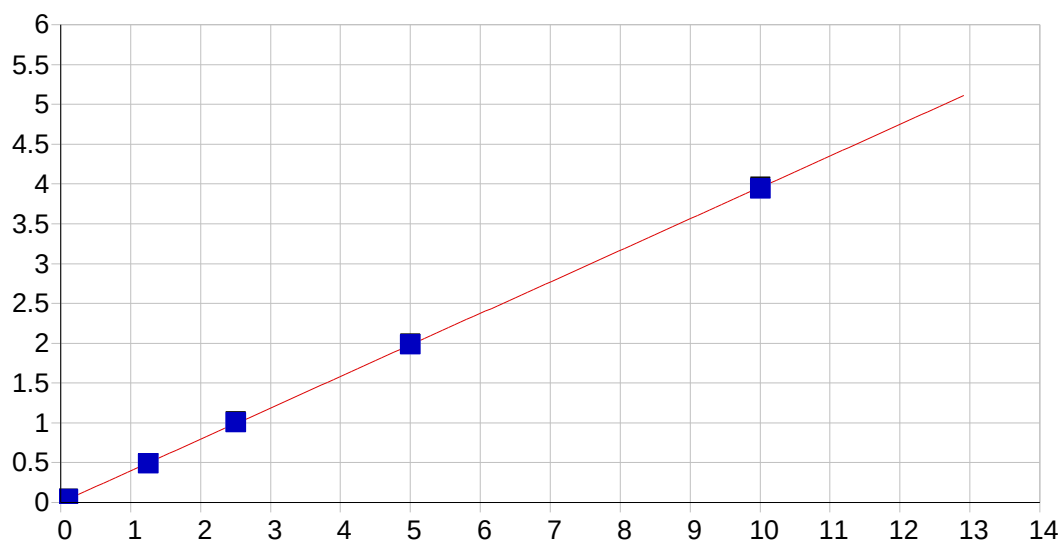


Sn 189.989 {478}

Date of Fit: 5/15/2017 15:58:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.117011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000832
 Predicted MQL: 0.002772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.00700	.00713	.000	1.91	.00084	.000	1
S2	1.2500	1.1934	-.057	-4.53	.13955	.001	1
S3	2.5000	2.5171	.017	.686	.29432	.001	1
S4	5.0000	5.0420	.042	.840	.58953	.001	1
S5	10.000	9.9973	-.003	-.027	1.1689	.015	1

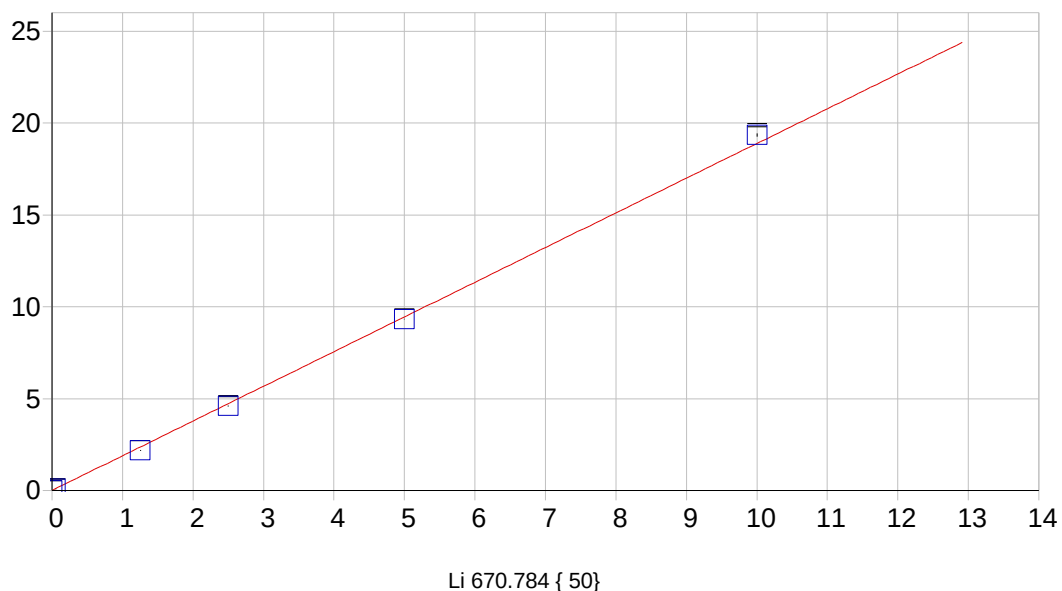


Ti 336.121 {100}

Date of Fit: 5/15/2017 15:58:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000928 Re-Slope: 1.000000
 A1 (Gain): 0.395588 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000194
 Predicted MDL: 0.001069
 Predicted MQL: 0.003565

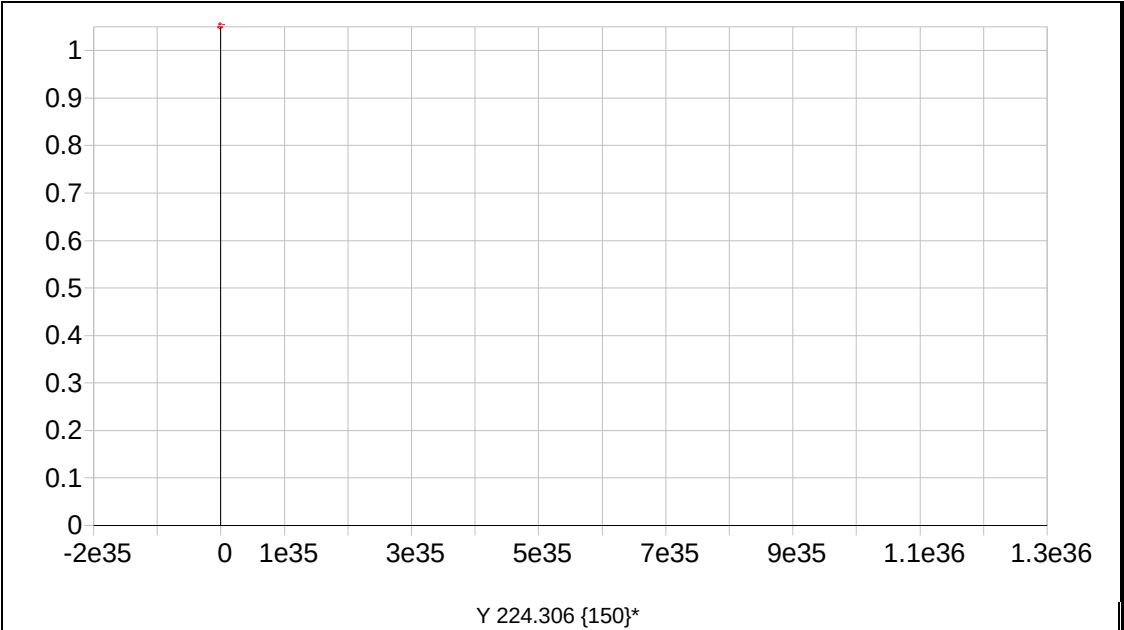
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.10000	.10336	.003	3.36	.04180	.000	1
S2	1.2500	1.2259	-.024	-1.93	.48571	.001	1
S3	2.5000	2.5440	.044	1.76	1.0070	.004	1
S4	5.0000	5.0192	.019	.385	1.9858	.004	1
S5	10.000	9.9575	-.043	-.425	3.9386	.019	1



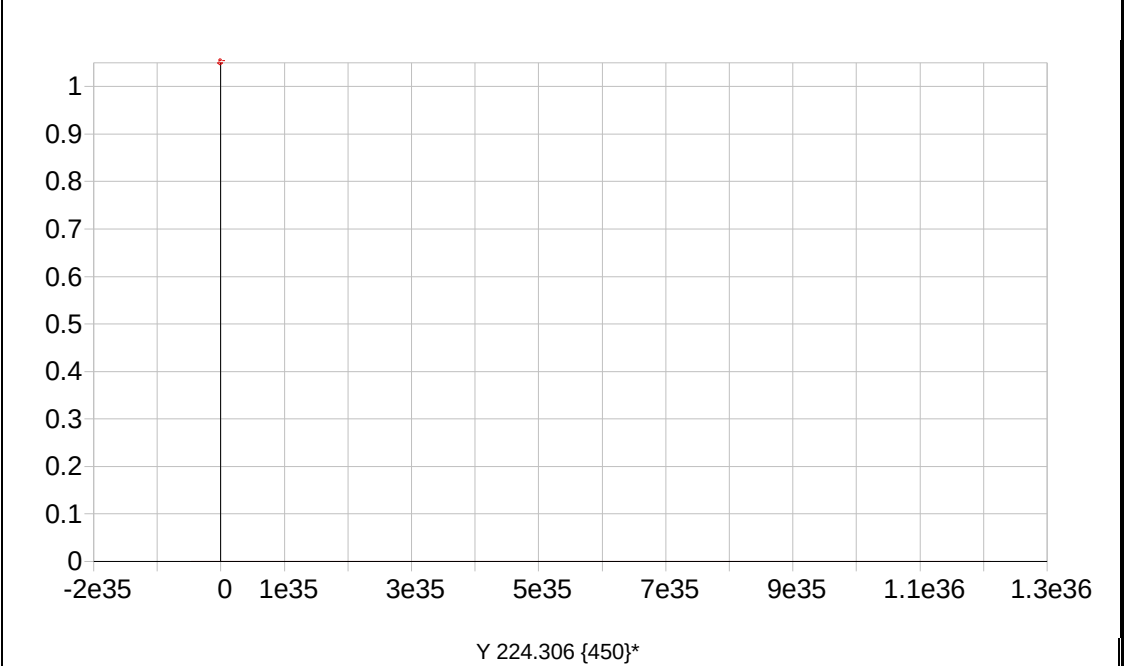
Date of Fit: 5/15/2017 15:58:40 Type of Fit: Linear Weighting: 1/Conc

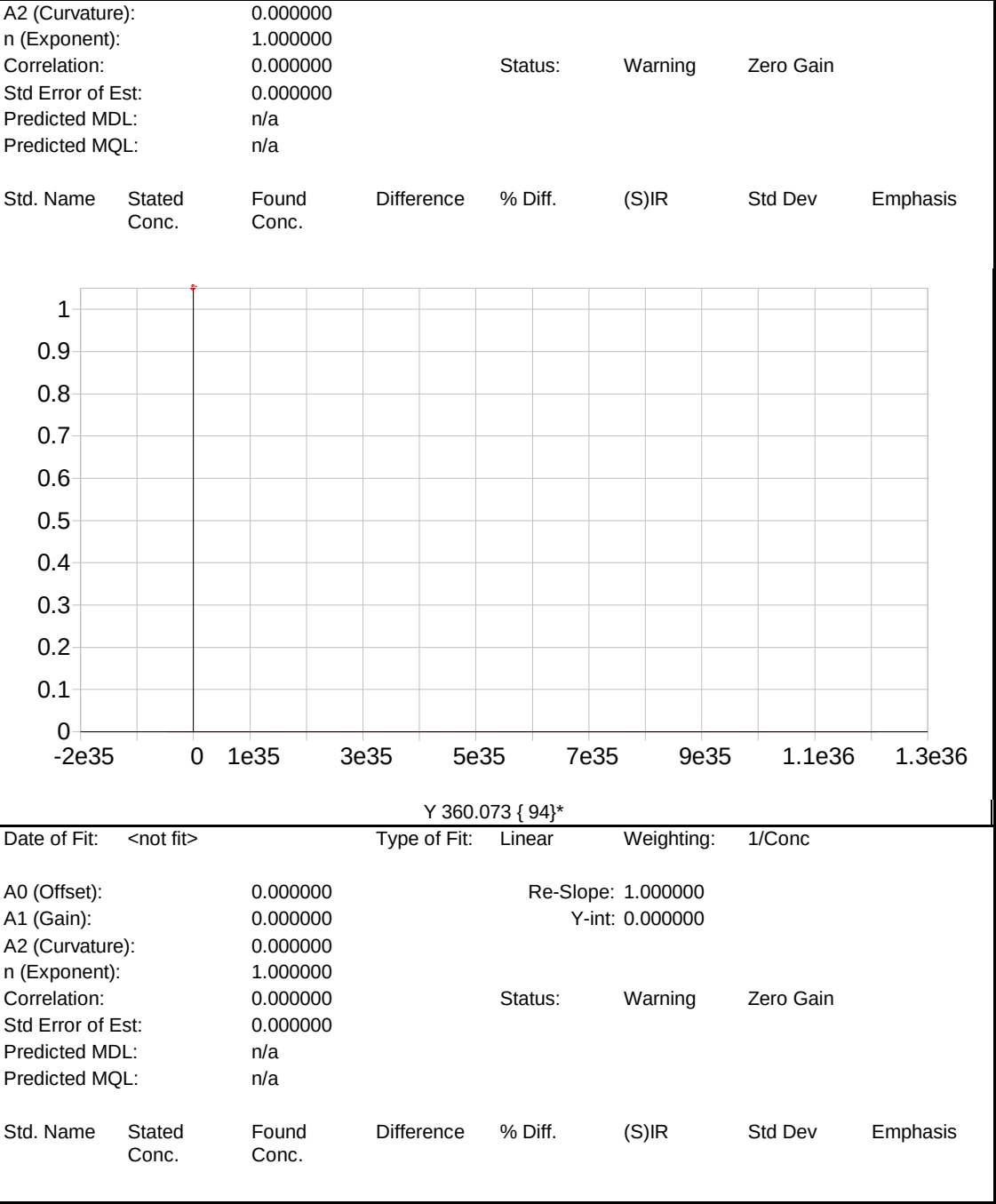
A0 (Offset): 0.004208 Re-Slope: 1.000000
 A1 (Gain): 1.887945 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999540 Status: OK.
 Std Error of Est: 0.002151
 Predicted MDL: 0.000768
 Predicted MQL: 0.002561

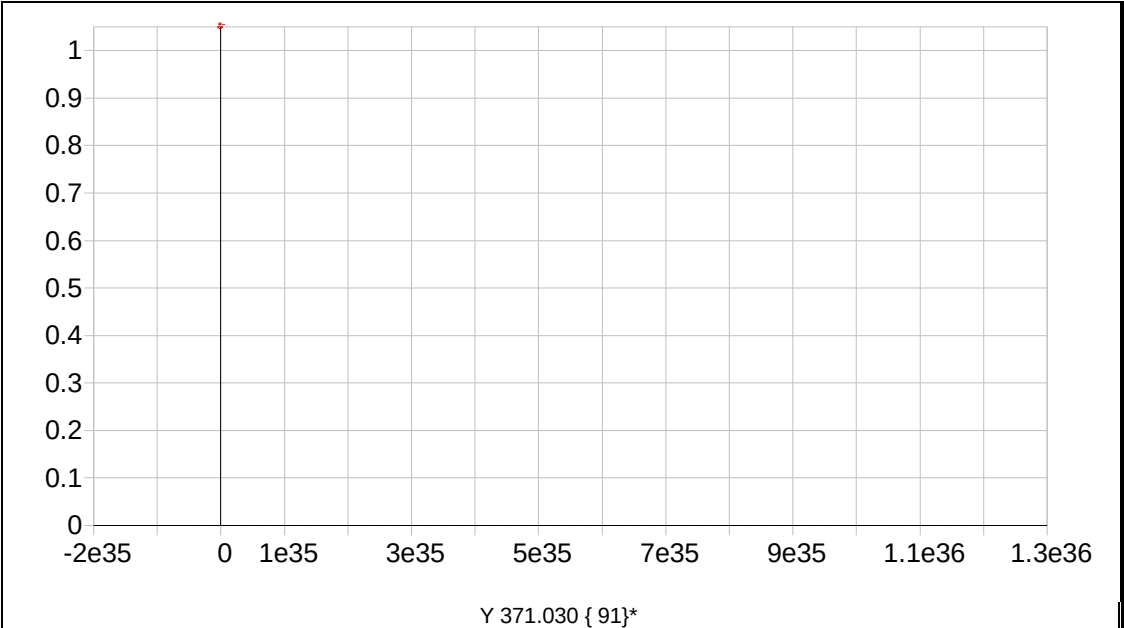
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00422	.001	1
S5	10.000	10.241	.241	2.41	19.340	.087	1
S4	5.0000	4.9344	-.066	-1.31	9.3201	.014	1
S3	2.5000	2.4303	-.070	-2.79	4.5925	.028	1
S2	1.2500	1.1471	-.103	-8.23	2.1699	.004	1
S1	.05000	.04667	-.003	-6.66	.09232	.001	1



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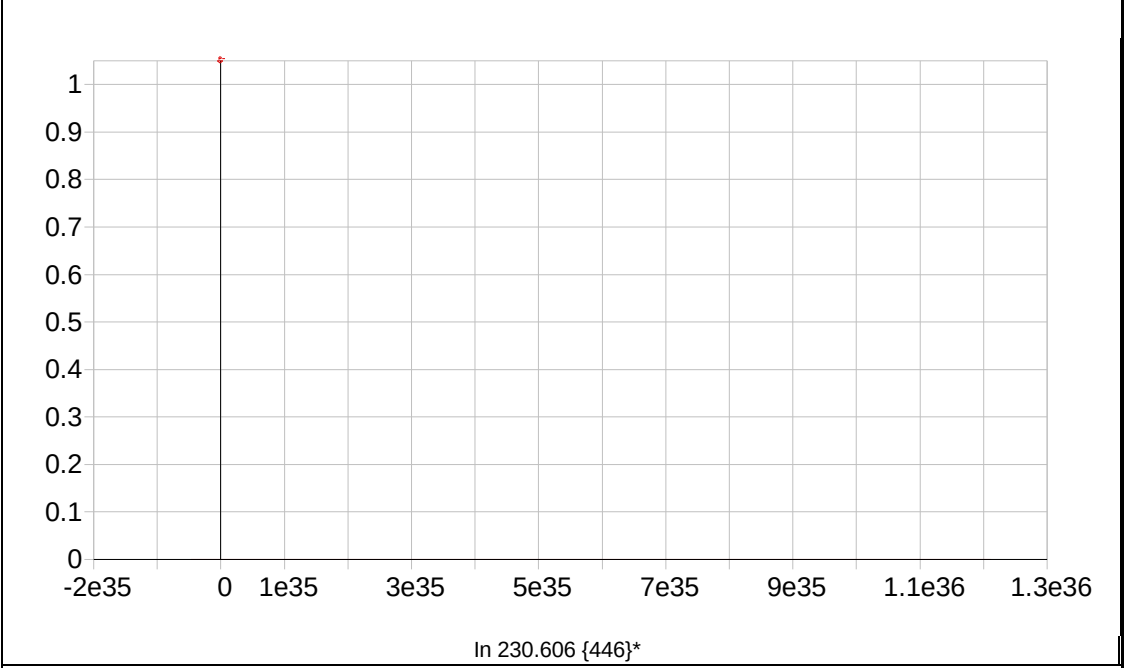




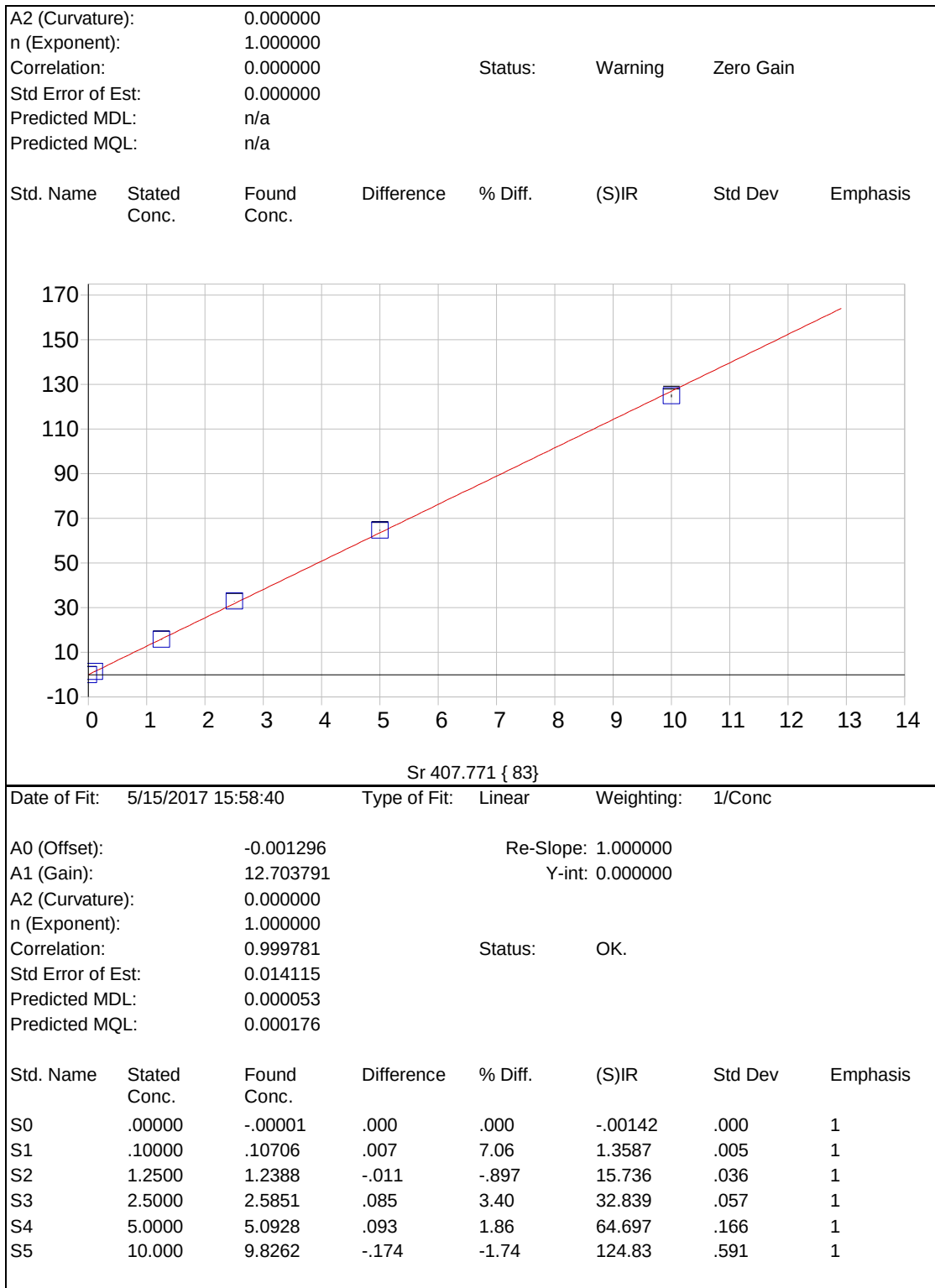


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 5/15/2017 15:34:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00028	-.00022	.00016	.00020	-.00001	.00088	-.06275	-.00264
Stddev	.00009	.00004	.00006	.00003	.00010	.00032	.00078	.00005
%RSD	32.242	19.615	39.674	16.437	872.12	36.897	1.2368	1.9496

#1	-.00030	-.00017	.00019	.00022	.00001	.00086	-.06365	-.00264
#2	-.00018	-.00023	.00019	.00016	.00008	.00121	-.06236	-.00259
#3	-.00036	-.00025	.00008	.00022	-.00012	.00056	-.06226	-.00269

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	.00013	.00147	-.00003	-.00037	.00100	.00013	-.00030	-.00012
Stddev	.00002	.00020	.00003	.00003	.00012	.00021	.00012	.00017
%RSD	15.898	13.343	85.300	7.4910	11.816	166.00	38.623	138.31

#1	.00011	.00133	.00000	-.00039	.00109	.00019	-.00041	-.00029
#2	.00015	.00139	-.00005	-.00034	.00106	.00030	-.00032	.00005
#3	.00012	.00169	-.00003	-.00038	.00087	-.00011	-.00018	-.00013

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	-.00080	-.00047	-.00307	-.00036	-.00057	.04304	-.00106	.00308
Stddev	.00014	.00005	.00011	.00016	.00010	.00114	.00003	.00018
%RSD	18.141	10.473	3.6324	45.015	17.533	2.6440	2.9935	5.9834

#1	-.00064	-.00044	-.00298	-.00042	-.00061	.04315	-.00110	.00302
#2	-.00093	-.00053	-.00320	-.00049	-.00046	.04411	-.00104	.00329
#3	-.00081	-.00045	-.00304	-.00018	-.00065	.04185	-.00105	.00294

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	.00025	.00090	.00351	.00002	.00093	.00422	-.00142	
Stddev	.00017	.00008	.00026	.00012	.00040	.00103	.00047	
%RSD	67.677	8.8564	7.3854	632.96	43.021	24.370	33.441	

#1	.00011	.00087	.00325	-.00001	.00058	.00328	-.00110	
#2	.00044	.00085	.00377	.00015	.00084	.00532	-.00197	
#3	.00021	.00100	.00352	-.00009	.00136	.00407	-.00119	

Sample Name: S0 Acquired: 5/15/2017 15:34:40 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	1760.8	2587.0	58331.	4927.2	3954.2
Stddev	14.9	4.8	148.	8.8	2.2
%RSD	.84771	.18701	.25399	.17941	.05439
#1	1768.7	2587.7	58432.	4937.3	3951.7
#2	1743.5	2591.5	58161.	4923.5	3955.8
#3	1770.1	2581.9	58400.	4920.9	3955.1

Sample Name: S1 Acquired: 5/15/2017 15:38:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.00032	.00197	.00199	.00248	.01186	.01753	.74428	.03001
Stddev	.00002	.00002	.00009	.00021	.00009	.00061	.00217	.00011
%RSD	5.5245	.94383	4.4578	8.3014	.76170	3.4980	.29125	.36849

#1	.00030	.00196	.00207	.00246	.01183	.01706	.74498	.02988
#2	.00032	.00195	.00189	.00229	.01196	.01729	.74600	.03007
#3	.00034	.00199	.00200	.00270	.01178	.01822	.74184	.03008

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	.00810	.22329	.00135	.03750	.00598	.00170	.00447	.02600
Stddev	.00008	.00044	.00004	.00004	.00006	.00008	.00008	.00017
%RSD	.94527	.19717	3.0798	.10971	1.0679	4.9587	1.7660	.66496

#1	.00811	.22340	.00140	.03750	.00603	.00173	.00455	.02619
#2	.00801	.22280	.00133	.03754	.00591	.00177	.00445	.02586
#3	.00816	.22366	.00133	.03745	.00599	.00160	.00440	.02595

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	.02298	.00200	.04093	.00350	.00197	.24053	-.00047	.00898
Stddev	.00004	.00006	.00138	.00007	.00064	.00282	.00008	.00037
%RSD	.16838	3.2541	3.3821	2.0126	32.282	1.1726	17.690	4.1371

#1	.02294	.00197	.04034	.00343	.00205	.24308	-.00039	.00888
#2	.02302	.00195	.03994	.00357	.00257	.23750	-.00046	.00867
#3	.02298	.00207	.04251	.00349	.00130	.24101	-.00056	.00939

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	.00760	.00321	.05972	.00084	.04180	.09232	1.3587
Stddev	.00008	.00007	.00066	.00003	.00009	.00092	.0053
%RSD	1.0141	2.1007	1.1047	3.9910	.22416	.99411	.38930

#1	.00769	.00329	.05899	.00083	.04189	.09183	1.3607
#2	.00756	.00316	.05990	.00081	.04170	.09338	1.3527
#3	.00754	.00318	.06027	.00088	.04182	.09176	1.3628

Sample Name: S1 Acquired: 5/15/2017 15:38:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	1752.7	2568.4	57825.	4942.6	3811.0
Stddev	15.8	15.6	105.	9.3	14.0
%RSD	.89905	.60678	.18098	.18831	.36805
#1	1734.7	2555.1	57784.	4938.0	3799.4
#2	1759.2	2564.5	57748.	4953.3	3806.9
#3	1764.2	2585.6	57944.	4936.5	3826.6

Sample Name: S2 Acquired: 5/15/2017 15:43:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.06158	.10360	1.1418	.07217	.23576	2.9724	9.4856	.72948
Stddev	.00030	.00076	.0038	.00017	.00101	.0024	.0137	.00211
%RSD	.48525	.73795	.33400	.23899	.42965	.07940	.14465	.28986

#1	.06153	.10341	1.1420	.07197	.23667	2.9747	9.5012	.72736
#2	.06130	.10295	1.1380	.07224	.23467	2.9726	9.4756	.72949
#3	.06190	.10445	1.1456	.07230	.23594	2.9700	9.4799	.73158

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	.92357	2.5982	.45773	.46487	.75277	.51561	1.0337	.30817
Stddev	.00423	.0047	.00193	.00130	.00277	.00154	.0011	.00139
%RSD	.45838	.18035	.42086	.27929	.36745	.29891	.10605	.45037

#1	.92171	2.5954	.45708	.46447	.75595	.51431	1.0333	.30685
#2	.92058	2.6036	.45620	.46381	.75143	.51522	1.0328	.30961
#3	.92841	2.5956	.45989	.46632	.75093	.51731	1.0349	.30804

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	.36448	.06738	.31560	.04056	.14349	1.4875	.05193	.65051
Stddev	.00152	.00011	.00178	.00038	.00081	.0012	.00044	.00167
%RSD	.41627	.16523	.56455	.94675	.56622	.07892	.84592	.25728

#1	.36431	.06746	.31687	.04026	.14297	1.4886	.05189	.65242
#2	.36306	.06725	.31637	.04099	.14443	1.4876	.05151	.64980
#3	.36608	.06742	.31357	.04043	.14308	1.4863	.05238	.64930

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	.82671	.02030	.70485	.13955	.48571	2.1699	15.736	
Stddev	.00241	.00018	.00259	.00068	.00106	.0043	.036	
%RSD	.29147	.88600	.36699	.48751	.21814	.19863	.22992	

#1	.82835	.02024	.70190	.13928	.48662	2.1670	15.777	
#2	.82394	.02015	.70592	.13904	.48455	2.1678	15.710	
#3	.82783	.02050	.70673	.14032	.48595	2.1749	15.721	

Sample Name: S2 Acquired: 5/15/2017 15:43:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	1657.2	2400.7	55154.	4924.6	3250.1
Stddev	4.8	6.1	61.	7.0	8.8
%RSD	.29231	.25410	.11115	.14255	.27091
#1	1659.2	2394.8	55211.	4932.0	3248.5
#2	1651.6	2407.0	55163.	4918.0	3259.6
#3	1660.6	2400.2	55089.	4923.7	3242.2

Sample Name: S3 Acquired: 5/15/2017 15:46:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.12942	.21125	2.3799	.14909	.49198	6.2450	19.949	1.5113
Stddev	.00079	.00101	.0058	.00051	.00067	.0118	.057	.0050
%RSD	.60861	.47821	.24521	.34169	.13524	.18857	.28549	.33107

#1	.12890	.21203	2.3820	.14932	.49182	6.2452	19.941	1.5077
#2	.12903	.21010	2.3733	.14850	.49141	6.2567	20.010	1.5093
#3	.13032	.21161	2.3845	.14944	.49271	6.2331	19.897	1.5170

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	1.9536	5.3916	.92748	.98546	1.5583	1.0579	2.1169	.64909
Stddev	.0039	.0222	.00350	.00367	.0061	.0005	.0059	.00057
%RSD	.19981	.41218	.37763	.37262	.38931	.04862	.28049	.08808

#1	1.9561	5.3981	.92376	.98700	1.5553	1.0575	2.1206	.64962
#2	1.9491	5.3669	.92795	.98127	1.5653	1.0585	2.1100	.64849
#3	1.9556	5.4099	.93071	.98811	1.5544	1.0579	2.1200	.64915

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	.76559	.14347	.66547	.08450	.30296	3.1318	.11448	1.3404
Stddev	.00162	.00017	.00365	.00080	.00143	.0151	.00029	.0046
%RSD	.21224	.11930	.54850	.94166	.47250	.48106	.25216	.34697

#1	.76471	.14366	.66665	.08465	.30162	3.1313	.11418	1.3373
#2	.76459	.14341	.66838	.08364	.30447	3.1471	.11450	1.3382
#3	.76746	.14334	.66137	.08521	.30278	3.1170	.11476	1.3458

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	1.6920	.03316	1.4100	.29432	1.0070	4.5925	32.839	
Stddev	.0025	.00014	.0037	.00087	.0040	.0282	.057	
%RSD	.14697	.42229	.26086	.29436	.39412	.61366	.17395	

#1	1.6916	.03307	1.4068	.29438	1.0026	4.5790	32.854	
#2	1.6897	.03333	1.4092	.29343	1.0079	4.6249	32.888	
#3	1.6947	.03309	1.4140	.29516	1.0104	4.5736	32.776	

Sample Name: S3 Acquired: 5/15/2017 15:46:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	1585.0	2315.3	52982.	4804.9	3002.0
Stddev	9.3	3.9	89.	4.6	6.6
%RSD	.58852	.16890	.16793	.09623	.22087
#1	1581.1	2315.4	53004.	4810.0	2998.9
#2	1578.3	2319.2	52884.	4801.1	3009.6
#3	1595.6	2311.3	53058.	4803.5	2997.4

Sample Name: S4 Acquired: 5/15/2017 15:50:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.26149	.40921	4.6974	.29670	.99215	12.601	39.650	3.0206
Stddev	.00071	.00023	.0077	.00093	.00193	.030	.098	.0210
%RSD	.27115	.05563	.16337	.31343	.19489	.24142	.24793	.69350

#1	.26231	.40899	4.6889	.29777	.99424	12.571	39.544	3.0001
#2	.26108	.40945	4.7037	.29610	.99179	12.631	39.738	3.0420
#3	.26108	.40919	4.6997	.29622	.99042	12.600	39.669	3.0197

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8835	10.654	1.7896	1.9679	3.1035	2.0635	4.1048	1.3038
Stddev	.0101	.043	.0010	.0017	.0148	.0067	.0238	.0071
%RSD	.26085	.40352	.05532	.08471	.47549	.32592	.58016	.54300

#1	3.8718	10.608	1.7884	1.9683	3.0888	2.0576	4.0773	1.2956
#2	3.8891	10.693	1.7900	1.9693	3.1183	2.0708	4.1188	1.3073
#3	3.8895	10.662	1.7903	1.9661	3.1034	2.0621	4.1183	1.3084

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	1.5155	.29369	1.3411	.16625	.61244	6.3515	.24064	2.6302
Stddev	.0032	.00051	.0077	.00091	.00168	.0255	.00045	.0186
%RSD	.21272	.17481	.57547	.54863	.27438	.40172	.18647	.70645

#1	1.5118	.29369	1.3339	.16521	.61067	6.3291	.24102	2.6106
#2	1.5170	.29318	1.3492	.16692	.61402	6.3793	.24076	2.6476
#3	1.5176	.29421	1.3403	.16662	.61262	6.3461	.24015	2.6325

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	3.3152	.04993	2.7867	.58953	1.9858	9.3201	64.697	
Stddev	.0045	.00028	.0238	.00131	.0045	.0136	.166	
%RSD	.13639	.55822	.85502	.22175	.22658	.14640	.25592	

#1	3.3187	.04963	2.7636	.58943	1.9818	9.3048	64.529	
#2	3.3167	.04998	2.8112	.58828	1.9907	9.3310	64.861	
#3	3.3101	.05019	2.7855	.59089	1.9850	9.3246	64.701	

Sample Name: S4 Acquired: 5/15/2017 15:50:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	1496.9	2189.4	50978.	4675.0	2739.7
Stddev	3.3	5.1	56.	22.8	.6
%RSD	.22139	.23394	.10974	.48679	.02278
#1	1493.1	2183.5	50953.	4699.1	2740.4
#2	1499.4	2192.4	51043.	4653.8	2739.4
#3	1498.3	2192.4	50940.	4672.2	2739.3

Sample Name: S5 Acquired: 5/15/2017 15:54:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.53587	.78501	9.2451	.59730	2.0546	25.792	78.868	6.1438
Stddev	.00662	.00857	.1161	.00807	.0314	.106	.591	.0353
%RSD	1.2362	1.0913	1.2560	1.3515	1.5276	.41008	.74909	.57457

#1	.53273	.78323	9.1971	.59288	2.0380	25.886	79.060	6.1626
#2	.53139	.77747	9.1607	.59240	2.0349	25.677	78.205	6.1031
#3	.54348	.79433	9.3775	.60661	2.0908	25.813	79.338	6.1658

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.7014	21.341	3.4440	3.8977	6.2878	3.9931	7.9967	2.6286
Stddev	.0977	.029	.0045	.0495	.0262	.0177	.0190	.0055
%RSD	1.2683	.13555	.13126	1.2696	.41613	.44336	.23756	.20981

#1	7.6672	21.375	3.4449	3.8758	6.3107	4.0067	8.0162	2.6340
#2	7.6254	21.323	3.4480	3.8629	6.2593	3.9731	7.9956	2.6289
#3	7.8115	21.326	3.4391	3.9543	6.2933	3.9995	7.9783	2.6230

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9892	.62771	2.7201	.32691	1.2564	13.005	.50097	5.0236
Stddev	.0384	.00110	.0153	.00184	.0079	.055	.00469	.0277
%RSD	1.2858	.17514	.56096	.56364	.62793	.42228	.93707	.55048

#1	2.9721	.62897	2.7378	.32901	1.2564	13.052	.50079	5.0432
#2	2.9622	.62727	2.7108	.32557	1.2644	12.944	.49636	4.9920
#3	3.0332	.62691	2.7119	.32614	1.2486	13.018	.50575	5.0356

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	6.5547	.07908	5.4483	1.1689	3.9386	19.340	124.83	
Stddev	.0897	.00062	.0312	.0146	.0189	.087	.59	
%RSD	1.3685	.78240	.57271	1.2468	.47959	.44783	.47319	

#1	6.5096	.07906	5.4704	1.1640	3.9576	19.431	125.37	
#2	6.4966	.07846	5.4126	1.1574	3.9199	19.258	124.20	
#3	6.6580	.07970	5.4618	1.1853	3.9385	19.330	124.92	

Sample Name: S5 Acquired: 5/15/2017 15:54:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	1376.1	2013.8	48351.	4514.2	2452.9
Stddev	10.9	28.3	92.	16.6	31.0
%RSD	.79419	1.4076	.18930	.36860	1.2622
#1	1375.4	2031.2	48304.	4502.3	2472.0
#2	1365.6	2029.2	48293.	4533.2	2469.5
#3	1387.4	1981.1	48457.	4507.1	2417.2

Sample Name: S6 Acquired: 5/15/2017 15:58:45 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.392	35.222	10.443	4.2519	7.5850
Stddev	.372	.047	.049	.0072	.0186
%RSD	.54391	.13394	.47191	.16877	.24483

#1	68.720	35.211	10.499	4.2439	7.6058
#2	67.988	35.181	10.407	4.2539	7.5699
#3	68.468	35.274	10.423	4.2578	7.5794

Int. Std.	Y_3710
Units	Cts/S
Avg	4396.7
Stddev	9.6
%RSD	.21749

#1	4386.0
#2	4399.9
#3	4404.3

Sample Name: ICV Acquired: 5/15/2017 16:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.9781018	1.117736	1.001679	1.002302	.9772038	F 3.649875
Stddev	.0033438	.006981	.004415	.005139	.0058248	.153684
%RSD	.3418682	.6246019	.4407939	.5127457	.5960640	4.210655

#1	.9810732	1.120748	1.004665	1.004873	.9817221	3.799044
#2	.9787512	1.122705	1.003764	1.005648	.9792593	3.658538
#3	.9744809	1.109754	.996607	.996385	.9706300	3.492043

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5310691	.4855953	.4703572	F 11.71671	F .5543423	.4767705
Stddev	.0011760	.0033527	.0007018	.16222	.0060603	.0009170
%RSD	.2214459	.6904237	.1492116	1.384547	1.093245	.1923315

#1	.5319311	.4890855	.4701513	11.87057	.5613319	.4759474
#2	.5315467	.4823996	.4711390	11.73231	.5511409	.4777589
#3	.5297293	.4853010	.4697814	11.54725	.5505540	.4766053

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5384470	F 6.883232	F .5784254	F 7.325745	.4898200	.4700461
Stddev	.0044795	.149052	.0094066	.154481	.0013418	.0021419
%RSD	.8319292	2.165434	1.626239	2.108736	.2739370	.4556769

#1	.5436109	7.026836	.5719684	7.475956	.4898397	.4714418
#2	.5361227	6.893589	.5892179	7.333957	.4911519	.4711164
#3	.5356074	6.729272	.5740900	7.167323	.4884685	.4675800

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74085	.5362677	.9754285	9.494549	F -.005678	F .0019374
Stddev	.13890	.0037279	.0259126	.074741	.001519	.0014823
%RSD	1.293224	.6951523	2.656534	.7871989	26.74592	76.51147

#1	10.88487	.5361916	.9455167	9.545336	-.003925	.0036184
#2	10.60771	.5325785	.9910394	9.408726	-.006521	.0013759
#3	10.72997	.5400331	.9897292	9.529586	-.006588	.0008179

Sample Name: ICV Acquired: 5/15/2017 16:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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 .0038522	.0152835	.0112004	F .0031992	.0115027	.0146012
Stddev	.0004578	.0016332	.0006400	.0006891	.0021011	.0013655
%RSD	11.88415	10.68625	5.714045	21.54064	18.26594	9.352186

#1	.0042288	.0137373	.0119286	.0033798	.0126802	.0140146
#2	.0033426	.0151216	.0109450	.0024378	.0127509	.0161620
#3	.0039851	.0169917	.0107275	.0037801	.0090769	.0136269

Elem	Sr4077
Units	ppm
Avg	.0242434
Stddev	.0012118
%RSD	4.998450

#1	.0239358
#2	.0255793
#3	.0232150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.301	2522.835	57262.50	4970.159	3693.228
Stddev	9.457	16.814	143.49	13.077	21.473
%RSD	.5522734	.6664678	.2505745	.2631179	.5814101

#1	1711.089	2506.356	57168.56	4955.746	3673.382
#2	1703.509	2522.184	57191.29	4981.267	3690.278
#3	1722.306	2539.965	57427.66	4973.465	3716.023

Sample Name: ICB Acquired: 5/15/2017 16:18:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.0016439	.0010229	-.000118	.0017289	.0005289	.0000315	.0006367
Stddev	.0026401	.0009892	.001749	.0022140	.0006565	.0115967	.0001446
%RSD	160.6009	96.70640	1479.725	128.0586	124.1317	36808.20	22.70689

#1	.0011556	.0015597	-.001031	.0035776	-.000037	.0109658	.0004866
#2	.0044940	.0016275	.001898	.0023337	.001249	-.012130	.0006484
#3	-.000718	-.000119	-.001222	-.000725	.000375	.001259	.0007750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000895	-.000034	.0000857	.0001421	.0001489	-.001029	-.006922
Stddev	.0001091	.000030	.0186763	.0003176	.0000718	.000701	.008652
%RSD	121.8949	88.98915	21785.55	223.5380	48.22571	68.13467	124.9909

#1	.0001784	-.000049	-.011055	.0004681	.0001176	-.001148	-.010997
#2	.0001222	-.000052	-.010335	.0001246	.0002310	-.001662	.003015
#3	-.000032	.000001	.021647	-.000166	.0000980	-.000276	-.012783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011604	-.021993	.0003673	.0002988	.0946084	.0049572	-.002537
Stddev	.0005791	.015724	.0000939	.0003213	.1059256	.0026642	.002998
%RSD	49.90288	71.49798	25.57288	107.5122	111.9621	53.74288	118.1540

#1	.0007457	-.036727	.0004464	.0000655	.0453009	.0050573	-.002497
#2	.0018221	-.023814	.0002635	.0006652	.0223251	.0075699	-.005554
#3	.0009136	-.005437	.0003920	.0001657	.2161994	.0022444	.000441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156882	-.000936	-.000228	-.000122	-.004339	-.000167	.0000881
Stddev	.0063073	.000469	.000423	.000305	.003397	.000866	.0003843
%RSD	40.20404	50.05576	185.1389	249.4755	78.29671	518.5012	436.2636

#1	.0185370	-.000451	-.000715	-.000398	-.000429	-.000820	-.000341
#2	.0084591	-.001386	.000043	-.000174	-.006567	.000816	.000400
#3	.0200687	-.000972	-.000012	.000205	-.006021	-.000497	.000205

Sample Name: ICB Acquired: 5/15/2017 16:18:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.0012585	.0011656	-.000044
Stddev	.0003446	.0003541	.000030
%RSD	27.37939	30.38147	68.38281

#1	.0012511	.0015715	-.000076
#2	.0016067	.0009202	-.000039
#3	.0009177	.0010049	-.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.867	2591.843	58417.31	4953.219	3957.279
Stddev	9.297	31.125	241.29	29.479	36.382
%RSD	.5312752	1.200897	.4130510	.5951507	.9193660

#1	1741.105	2556.369	58452.15	4935.856	3915.827
#2	1748.876	2604.583	58160.48	4987.257	3972.096
#3	1759.619	2614.578	58639.28	4936.546	3983.915

Sample Name: ICSA Acquired: 5/15/2017 16:22:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.0018782	-.015674	.0001306	-.001253	.0021396	236.3057
Stddev	.0017038	.001861	.0007619	.002365	.0018910	1.2447
%RSD	90.71816	11.87410	583.3899	188.8160	88.38469	.5267529

#1	.0019704	-.017413	-.000662	-.000026	.0033776	237.6186
#2	.0035340	-.013711	.000196	-.003979	-.000037	235.1427
#3	.0001301	-.015900	.000858	.000247	.003078	236.1559

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056644	.0009276	.0030936	242.5444	.0469592	-.000373
Stddev	.0008203	.0000774	.0000469	.6331	.0001917	.000244
%RSD	14.48220	8.349360	1.516112	.2610374	.4081584	65.55982

#1	.0047366	.0009326	.0030556	243.0626	.0470920	-.000237
#2	.0062937	.0010025	.0030791	242.7318	.0470461	-.000655
#3	.0059628	.0008479	.0031460	241.8387	.0467395	-.000227

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200205	100.1835	.0144732	252.0792	.0011006	-.003303
Stddev	.0012463	.6174	.0004431	.6243	.0004427	.000264
%RSD	6.224857	.6162692	3.061289	.2476571	40.22894	8.003827

#1	.0193420	100.8846	.0143182	252.8000	.0011869	-.003605
#2	.0214588	99.9452	.0149729	251.7207	.0006210	-.003186
#3	.0192607	99.7208	.0141284	251.7168	.0014938	-.003116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5894113	.0031153	-.001789	-.055608	-.012382	F -.215515
Stddev	.1213099	.0024699	.008412	.008171	.001778	.001105
%RSD	20.58154	79.28116	470.3392	14.69445	14.36184	.5128452

#1	.5852019	.0053333	.006848	-.048038	-.012232	-.216175
#2	.7127712	.0035590	-.002257	-.064270	-.010683	-.216131
#3	.4702609	.0004537	-.009957	-.054516	-.014230	-.214239

Sample Name: ICSA Acquired: 5/15/2017 16:22:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	-.000821	.0411855	-.004636	-.001703	-.000858	.0050047
Stddev	.000262	.0172745	.000764	.000823	.000688	.0003903
%RSD	31.88829	41.94307	16.48544	48.32637	80.16260	7.797766

#1	-.001070	.0555688	-.005254	-.002607	-.000072	.0050979
#2	-.000846	.0459624	-.004872	-.001508	-.001348	.0053400
#3	-.000548	.0220252	-.003781	-.000996	-.001154	.0045763

Elem	Sr4077
Units	ppm
Avg	.0998400
Stddev	.0006318
%RSD	.6328020

#1	.1005150
#2	.0992628
#3	.0997422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1580.582	2327.840	52377.07	4734.631	2963.876
Stddev	4.448	3.476	111.45	18.355	7.418
%RSD	.2814230	.1493227	.2127856	.3876785	.2502735

#1	1584.250	2325.463	52248.75	4718.731	2957.321
#2	1581.863	2326.226	52449.69	4730.444	2962.378
#3	1575.634	2331.829	52432.78	4754.718	2971.928

Sample Name: ICSAB Acquired: 5/15/2017 16:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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	.1160728	.1076037	.0508208	.0444587	.5819890	243.7717
Stddev	.0024868	.0002249	.0004767	.0073489	.0058439	.5302
%RSD	2.142439	.2089677	.9380772	16.52972	1.004123	.2175020

#1	.1152468	.1078116	.0512009	.0494253	.5755541	243.5149
#2	.1188674	.1073651	.0509756	.0360167	.5869658	243.4188
#3	.1141041	.1076344	.0502859	.0479341	.5834470	244.3814

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4996103	.4870869	.9810990	248.1707	.5554490	.4899737
Stddev	.0028873	.0023296	.0058196	1.0213	.0032015	.0024431
%RSD	.5779169	.4782711	.5931747	.4115457	.5763802	.4986223

#1	.4964657	.4869297	.9747228	248.2821	.5547202	.4871721
#2	.5002234	.4848399	.9824495	249.1318	.5526747	.4916608
#3	.5021419	.4894911	.9861246	247.0983	.5589521	.4910882

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5139318	103.1163	.5255925	258.9248	.9842781	.1897644
Stddev	.0028630	.4525	.0012046	.7462	.0060180	.0005371
%RSD	.5570735	.4388052	.2291894	.2881809	.6114074	.2830130

#1	.5110789	103.5830	.5246043	258.1071	.9774107	.1895340
#2	.5139117	103.0864	.5252389	259.5688	.9867923	.1893810
#3	.5168048	102.6796	.5269344	259.0986	.9886312	.1903782

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6806094	.4994781	.9382784	-.221237	.0059651	F .0495818
Stddev	.2000981	.0004557	.0093348	.025857	.0016801	.0013373
%RSD	29.39984	.0912281	.9948858	11.68730	28.16565	2.697081

#1	.8594230	.4990614	.9346207	-.226303	.0050923	.0504400
#2	.7179248	.4994083	.9488882	-.244186	.0079020	.0502645
#3	.4644804	.4999646	.9313264	-.193222	.0049010	.0480410

Sample Name: ICSAB Acquired: 5/15/2017 16:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) 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 .2470522	.1325128	.2435085	F .2461251	.2492929	.2011379
Stddev	.0017325	.0142467	.0006098	.0013378	.0019287	.0024026
%RSD	.7012799	10.75116	.2504290	.5435500	.7736849	1.194500
#1	.2462837	.1353256	.2441959	.2474943	.2501507	.1989676
#2	.2490361	.1170695	.2432967	.2448211	.2506440	.2007264
#3	.2458369	.1451433	.2430328	.2460600	.2470841	.2037197

Elem	Sr4077
Units	ppm
Avg	.2964054
Stddev	.0010815
%RSD	.3648630
#1	.2954331
#2	.2962130
#3	.2975702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.256	2320.260	52428.22	4759.912	2957.650
Stddev	15.084	13.714	183.49	17.194	14.507
%RSD	.9569595	.5910595	.3499925	.3612168	.4905075
#1	1577.555	2314.836	52305.19	4740.288	2950.876
#2	1560.564	2310.088	52340.34	4772.329	2947.768
#3	1590.649	2335.857	52639.12	4767.121	2974.305

Sample Name: CCV013 Acquired: 5/15/2017 16:30:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906207	4.745324	23.99670	4.853145	4.924241	406.8752
Stddev	.016089	.009414	.06541	.002622	.010586	1.2657
%RSD	.3279236	.1983912	.2725847	.0540221	.2149858	.3110865

#1	4.920961	4.738268	23.92458	4.855994	4.936452	407.4267
#2	4.908607	4.756014	24.05220	4.850834	4.917639	407.7717
#3	4.889053	4.741691	24.01332	4.852608	4.918633	405.4273

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02633	.4988903	2.477533	400.8663	15.09038	2.460798
Stddev	.01982	.0034575	.011628	.6843	.08326	.005488
%RSD	.1976534	.6930436	.4693270	.1707130	.5517115	.2229977

#1	10.03962	.5025242	2.466160	401.0956	15.17631	2.454462
#2	10.03581	.4985054	2.489400	401.4065	15.01008	2.463883
#3	10.00355	.4956413	2.477038	400.0967	15.08476	2.464049

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08029	395.0483	14.77264	398.3190	2.453047	1.272772
Stddev	.05003	1.7968	.03502	2.0211	.007444	.010621
%RSD	.3317503	.4548234	.2370397	.5073953	.3034724	.8344771

#1	15.10025	396.1106	14.78664	398.0571	2.445162	1.284179
#2	15.11726	396.0605	14.79849	400.4582	2.459954	1.263168
#3	15.02336	392.9738	14.73279	396.4417	2.454026	1.270967

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.8145	2.448415	15.01967	153.5032	5.050160	F 4.269386
Stddev	1.2181	.009332	.04721	.5188	.013079	.029296
%RSD	.3124723	.3811489	.3143356	.3379866	.2589914	.6861922

#1	390.6055	2.454781	15.00379	153.8653	5.035064	4.301421
#2	390.4261	2.452761	15.07278	153.7356	5.057318	4.262780
#3	388.4118	2.437702	14.98245	152.9089	5.058099	4.243956

Sample Name: CCV013 Acquired: 5/15/2017 16:30:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843969	3.996186	4.895992	4.893751	4.914275	5.074379
Stddev	.002690	.030740	.024932	.022207	.016252	.008480
%RSD	.0555244	.7692417	.5092245	.4537779	.3307008	.1671158

#1	4.841506	3.967823	4.922435	4.869269	4.928035	5.081143
#2	4.843561	3.991884	4.892626	4.912596	4.918446	5.077128
#3	4.846839	4.028851	4.872914	4.899389	4.896345	5.064865

Elem	Sr4077
Units	ppm
Avg	5.026132
Stddev	.024143
%RSD	.4803522

#1	5.031296
#2	5.047275
#3	4.999824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.710	2088.934	48828.16	4563.649	2512.842
Stddev	4.058	6.919	42.01	21.058	1.737
%RSD	.2866126	.3312126	.0860377	.4614316	.0691210

#1	1415.901	2081.958	48780.06	4552.831	2512.708
#2	1411.561	2095.794	48846.76	4550.200	2514.642
#3	1419.670	2089.050	48857.66	4587.918	2511.176

Sample Name: CCB013 Acquired: 5/15/2017 16:34:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016787	.0006631	.0001799	.0009167	-.000599	.0064709	.0003474
Stddev	.0026052	.0015126	.0010609	.0031608	.000274	.0093883	.0008021
%RSD	155.1915	228.1007	589.6740	344.7942	45.71192	145.0853	230.8662

#1	.0045828	.0023779	.0002589	-.000681	-.000904	-.001383	.0004316
#2	-.000453	-.000482	-.000918	-.001126	-.000374	.016869	-.000493
#3	.000906	.000093	.001199	.004557	-.000520	.003927	.001104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	-.000018	.0067969	.0004314	.0000516	-.001242	.0096045
Stddev	.0000362	.000063	.0103083	.0002033	.0000798	.001475	.0006712
%RSD	97.49283	352.4968	151.6621	47.11668	154.4835	118.7504	6.988654

#1	.0000713	-.000074	-.004729	.0004085	-.000030	-.001278	.0095202
#2	.0000410	-.000031	.015133	.0006451	.000129	.000250	.0103139
#3	-.000001	.000051	.009987	.0002405	.000056	-.002699	.0089795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007359	-.011285	.0003167	.0002499	.1148449	.0028054	.0017713
Stddev	.0005070	.031897	.0002845	.0000808	.1511475	.0015619	.0038903
%RSD	68.89715	282.6381	89.81745	32.32789	131.6102	55.67390	219.6275

#1	.0013212	-.045025	.0003352	.0001669	-.044378	.0044297	-.001638
#2	.0004326	.018377	.0005915	.0003283	.132556	.0026717	.006009
#3	.0004539	-.007208	.0000235	.0002545	.256356	.0013146	.000943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160547	-.000106	.0044145	.0004757	-.000864	.0004431	-.000109
Stddev	.0055726	.001604	.0002738	.0002309	.003701	.0009501	.000455
%RSD	34.71009	1506.438	6.201967	48.54137	428.3599	214.4164	415.9284

#1	.0190072	-.001797	.0046679	.0007300	.000698	.0015401	-.000397
#2	.0195299	.000084	.0044514	.0002791	.001801	-.000089	.000415
#3	.0096271	.001394	.0041241	.0004179	-.005090	-.000122	-.000346

Sample Name: CCB013 Acquired: 5/15/2017 16:34:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000761	.0019050	.0000953
Stddev	.0008373	.0009989	.0000332
%RSD	1100.732	52.43528	34.79780

#1	-.000521	.0015309	.0000573
#2	.001033	.0030369	.0001187
#3	-.000284	.0011471	.0001099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.618	2586.363	58957.44	4995.214	3967.454
Stddev	10.730	27.607	234.99	23.115	47.455
%RSD	.6063255	1.067424	.3985822	.4627439	1.196103

#1	1759.251	2594.041	58696.36	5019.789	3982.484
#2	1768.927	2555.729	59152.02	4973.907	3914.305
#3	1780.677	2609.319	59023.95	4991.948	4005.574

Sample Name: I3073-05 Acquired: 5/15/2017 16:38:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682206	-.015657	11.22808	-.006363	.0046882	80.41303	7.428619
Stddev	.0036603	.000541	.02774	.003055	.0016263	.33385	.016686
%RSD	5.365410	3.456185	.2470649	48.01096	34.68914	.4151659	.2246127

#1	.0723511	-.015044	11.19709	-.007448	.0037038	80.32094	7.429497
#2	.0669312	-.016069	11.25061	-.002914	.0037954	80.13490	7.411512
#3	.0653794	-.015858	11.23653	-.008728	.0065653	80.78326	7.444848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092085	.0506833	127.2777	.1313289	.1912428	.3662850	180.2815
Stddev	.0000532	.0002495	.1554	.0011805	.0002599	.0009863	.5141
%RSD	.5772515	.4923102	.1220572	.8988867	.1359030	.2692775	.2851419

#1	.0091530	.0504939	127.4548	.1324189	.1909428	.3652237	179.9291
#2	.0092134	.0505900	127.1646	.1300751	.1913984	.3671735	180.0440
#3	.0092590	.0509661	127.2137	.1314928	.1913873	.3664579	180.8713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57852	65.62825	.2367589	-.003638	1.425909	.2598883	2.967408
Stddev	.00926	.28267	.0009252	.000306	.028123	.0028586	.049214
%RSD	.0634963	.4307200	.3907905	8.422491	1.972265	1.099919	1.658490

#1	14.57856	65.94386	.2360035	-.003968	1.456887	.2627322	2.947458
#2	14.56924	65.39836	.2364824	-.003585	1.418854	.2599173	2.931302
#3	14.58775	65.54251	.2377909	-.003362	1.401985	.2570153	3.023465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.986571	4.115439	-.368418	.0016858	7.906325	3.573605	.0106578
Stddev	.030982	.004982	.001560	.0003940	.019171	.018780	.0010162
%RSD	.4434505	.1210586	.4233744	23.37441	.2424750	.5255149	9.535210

#1	6.979524	4.117368	-.369982	.0014557	7.889235	3.579782	.0113794
#2	6.959719	4.109781	-.366862	.0021407	7.927055	3.552514	.0110984
#3	7.020469	4.119169	-.368409	.0014608	7.902684	3.588517	.0094956

Sample Name: I3073-05 Acquired: 5/15/2017 16:38:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6291941	.0517623	.1247234
Stddev	.0032443	.0002381	.0005752
%RSD	.5156320	.4600368	.4611687

#1	.6267663	.0515463	.1242902
#2	.6279372	.0517229	.1245041
#3	.6328788	.0520177	.1253760

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.826	2762.672	64446.38	5696.661	3177.529
Stddev	20.051	4.505	490.29	14.454	.456
%RSD	1.053741	.1630783	.7607765	.2537259	.0143444

#1	1896.889	2757.858	64185.43	5693.318	3177.182
#2	1925.175	2766.788	65011.96	5712.494	3177.359
#3	1886.414	2763.369	64141.76	5684.172	3178.045

Sample Name: I3073-06 Acquired: 5/15/2017 16:42:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519791	-.011387	4.013459	-.004928	.0028082	62.49400	2.747220
Stddev	.0009506	.000987	.015582	.003291	.0012289	1.55214	.068604
%RSD	1.828897	8.670244	.3882395	66.77106	43.75987	2.483670	2.497214

#1	.0510333	-.010295	4.017123	-.004277	.0021453	62.38511	2.743564
#2	.0529345	-.012215	3.996372	-.002012	.0020532	60.99916	2.680518
#3	.0519696	-.011653	4.026882	-.008496	.0042262	64.09772	2.817579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062988	.0192044	128.9254	.1037471	.1051207	.2023128	119.0088
Stddev	.0001424	.0000502	2.5650	.0005209	.0008382	.0068648	2.9534
%RSD	2.261479	.2612531	1.989532	.5020914	.7973686	3.393174	2.481673

#1	.0062338	.0192288	129.1568	.1043447	.1057803	.2032571	118.3562
#2	.0062004	.0191467	126.2525	.1035077	.1041775	.1950247	116.4362
#3	.0064621	.0192378	131.3668	.1033889	.1054043	.2086565	122.2339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.744423	48.49507	.1541271	-.003538	1.081522	.2002446	1.333999
Stddev	.148427	1.00174	.0005863	.000327	.058717	.0054995	.011665
%RSD	1.916561	2.065643	.3804238	9.255702	5.429127	2.746371	.8744095

#1	7.726567	48.53957	.1546096	-.003639	1.033708	.2048290	1.346813
#2	7.605732	47.47182	.1534745	-.003804	1.063798	.1941469	1.331183
#3	7.900970	49.47381	.1542971	-.003173	1.147059	.2017578	1.323999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.751381	3.921247	-.227989	.0013298	10.53843	4.659876	.0061614
Stddev	.148914	.012866	.003047	.0003046	.02177	.085886	.0006712
%RSD	2.589185	.3281102	1.336515	22.90768	.2065622	1.843093	10.89441

#1	5.700830	3.910322	-.227066	.0016689	10.53100	4.639031	.0068959
#2	5.634324	3.917992	-.225511	.0012411	10.52135	4.586333	.0060088
#3	5.918990	3.935428	-.231391	.0010793	10.56294	4.754267	.0055796

Sample Name: I3073-06 Acquired: 5/15/2017 16:42:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6411826	.0408483	.1266728
Stddev	.0132130	.0007389	.0033145
%RSD	2.060730	1.808874	2.616591

#1	.6389874	.0406946	.1261155
#2	.6292046	.0401983	.1236723
#3	.6553558	.0416519	.1302307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.302	2649.583	61893.36	5648.455	3216.454
Stddev	5.536	7.664	168.02	109.010	7.263
%RSD	.3059980	.2892674	.2714629	1.929908	.2258195

#1	1806.319	2658.226	61706.72	5659.336	3220.362
#2	1815.690	2646.914	62032.55	5751.617	3220.927
#3	1805.896	2643.611	61940.81	5534.413	3208.073

Sample Name: I3073-07 Acquired: 5/15/2017 16:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488122	-.010446	3.656356	-.005715	.0030053	44.79920	2.471170
Stddev	.0012195	.000634	.013123	.002584	.0009361	.08048	.005820
%RSD	2.498286	6.065438	.3589122	45.21569	31.14946	.1796506	.2354990

#1	.0494955	-.009774	3.670962	-.008445	.0024845	44.79554	2.471293
#2	.0474043	-.011032	3.645558	-.003306	.0040860	44.72061	2.465290
#3	.0495368	-.010534	3.652548	-.005395	.0024453	44.88145	2.476927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053550	.0151636	127.4897	.0911615	.0972565	.1622521	108.5331
Stddev	.0000905	.0000577	.4589	.0009566	.0001116	.0018410	.1351
%RSD	1.689488	.3807086	.3599286	1.049288	.1147505	1.134651	.1244370

#1	.0054042	.0152296	127.4167	.0900901	.0973062	.1642813	108.5904
#2	.0054101	.0151227	127.0718	.0914645	.0973346	.1617859	108.3788
#3	.0052505	.0151384	127.9808	.0919298	.0971287	.1606889	108.6301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.085306	44.67853	.1262159	-.003363	.9733257	.1652504	1.103997
Stddev	.029673	.15645	.0011037	.000081	.0856698	.0036091	.009091
%RSD	.3669967	.3501752	.8744857	2.410469	8.801764	2.184000	.8234604

#1	8.078074	44.58058	.1274842	-.003457	.9084415	.1656713	1.102133
#2	8.059917	44.59605	.1256903	-.003315	.9411004	.1686306	1.095983
#3	8.117926	44.85897	.1254731	-.003319	1.070435	.1614493	1.113876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.970594	3.366291	-.212791	.0008008	7.327198	3.142123	.0148672
Stddev	.036630	.013154	.000386	.0003296	.026685	.009667	.0012113
%RSD	.9225365	.3907657	.1815231	41.16531	.3641888	.3076428	8.147307

#1	4.010442	3.362413	-.212970	.0011784	7.325372	3.131518	.0161496
#2	3.938387	3.380948	-.213056	.0006534	7.301473	3.144409	.0137425
#3	3.962953	3.355511	-.212348	.0005705	7.354749	3.150441	.0147095

Sample Name: I3073-07 Acquired: 5/15/2017 16:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5497359	.0282006	.1139680
Stddev	.0023676	.0004987	.0004228
%RSD	.4306840	1.768259	.3709565

#1	.5507906	.0287227	.1138837
#2	.5470242	.0281498	.1135937
#3	.5513929	.0277293	.1144266

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.452	2605.413	60278.66	5420.679	3253.997
Stddev	4.927	6.036	73.37	11.797	8.178
%RSD	.2754804	.2316833	.1217143	.2176352	.2513231

#1	1787.545	2603.833	60313.05	5429.580	3245.797
#2	1793.769	2600.323	60194.42	5425.159	3254.041
#3	1784.041	2612.082	60328.52	5407.298	3262.153

Sample Name: I3073-08 Acquired: 5/15/2017 16:51:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614230	-.015397	5.154886	-.006645	.0041718	64.84482	4.213754
Stddev	.0037260	.002369	.010009	.001865	.0018080	.14424	.008487
%RSD	6.066092	15.38905	.1941642	28.05881	43.33928	.2224376	.2014018

#1	.0634965	-.017252	5.166020	-.005900	.0056963	64.70511	4.220044
#2	.0636509	-.012728	5.152001	-.008767	.0046447	64.99320	4.217116
#3	.0571215	-.016210	5.146636	-.005269	.0021743	64.83617	4.204101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069352	.0199618	178.4257	.1079065	.1348488	.2079487	143.6347
Stddev	.0002438	.0001082	.4403	.0006153	.0002758	.0022011	.6699
%RSD	3.515683	.5422138	.2467571	.5701988	.2045477	1.058468	.4663841

#1	.0067034	.0200418	178.4772	.1072399	.1350397	.2087281	142.9454
#2	.0071895	.0200049	177.9619	.1080269	.1349741	.2054640	144.2833
#3	.0069128	.0198386	178.8379	.1084527	.1345325	.2096541	143.6754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03544	76.35749	.1742540	-.004567	1.247702	.2105779	1.454563
Stddev	.03200	.34905	.0002581	.000119	.058554	.0024450	.019789
%RSD	.2899627	.4571248	.1480901	2.595755	4.692922	1.161071	1.360511

#1	11.02125	76.43681	.1745143	-.004591	1.198083	.2085236	1.436696
#2	11.01299	75.97561	.1739982	-.004672	1.232737	.2132822	1.475833
#3	11.07208	76.66006	.1742494	-.004439	1.312286	.2099280	1.451160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.337466	4.864721	-.291120	.0010801	10.68969	2.633289	.0067653
Stddev	.047982	.015668	.001057	.0000376	.03400	.011691	.0016670
%RSD	.7571137	.3220641	.3630549	3.479572	.3180312	.4439830	24.64002

#1	6.297403	4.878762	-.290266	.0010368	10.72870	2.624141	.0054011
#2	6.390641	4.847820	-.290793	.0010990	10.66643	2.629265	.0062714
#3	6.324354	4.867580	-.292302	.0011044	10.67392	2.646461	.0086234

Sample Name: I3073-08 Acquired: 5/15/2017 16:51:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5407185	.0434203	.1554299
Stddev	.0007994	.0005921	.0004493
%RSD	.1478350	1.363754	.2890682

#1	.5400833	.0434092	.1551229
#2	.5416161	.0440179	.1559456
#3	.5404562	.0428338	.1552213

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.801	2657.757	61353.80	5564.440	3137.648
Stddev	15.437	11.477	206.95	19.162	7.391
%RSD	.8539136	.4318386	.3373054	.3443743	.2355707

#1	1792.332	2653.963	61119.62	5582.579	3134.367
#2	1823.205	2670.651	61429.69	5566.343	3146.111
#3	1807.867	2648.657	61512.09	5544.396	3132.464

Sample Name: I3073-09 Acquired: 5/15/2017 16:55:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576032	-.015712	9.973966	-.009476	.0033697	65.38545	5.295412
Stddev	.0011086	.000925	.043026	.005138	.0011772	.23929	.006071
%RSD	1.924551	5.887242	.4313816	54.22550	34.93535	.3659669	.1146410

#1	.0586366	-.016390	10.01235	-.012366	.0020158	65.55546	5.301897
#2	.0564322	-.014658	9.98210	-.003543	.0039412	65.48908	5.294475
#3	.0577409	-.016088	9.92745	-.012518	.0041519	65.11182	5.289865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075616	.0431311	134.8646	.1018330	.1593546	.3132428	150.8766
Stddev	.0001084	.0002668	.1938	.0000902	.0005387	.0027207	.7177
%RSD	1.432887	.6186392	.1437143	.0886054	.3380617	.8685691	.4756754

#1	.0076666	.0434389	134.6994	.1018705	.1599379	.3125563	151.4803
#2	.0075679	.0429663	134.8165	.1017300	.1588759	.3162410	151.0664
#3	.0074502	.0429880	135.0779	.1018984	.1592500	.3109310	150.0831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.30309	58.72344	.1900587	-.003625	1.296758	.2106124	2.856369
Stddev	.00545	.19600	.0013696	.000318	.034388	.0029622	.013966
%RSD	.0442799	.3337650	.7206086	8.780406	2.651880	1.406445	.4889392

#1	12.30938	58.74958	.1913332	-.003869	1.278882	.2139619	2.858914
#2	12.30002	58.90506	.1902322	-.003740	1.336402	.2083376	2.868888
#3	12.29988	58.51568	.1886106	-.003265	1.274989	.2095378	2.841306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.377999	4.754247	-.306469	.0002338	9.245047	4.416352	.0079440
Stddev	.047819	.025152	.000810	.0004883	.024141	.009925	.0009164
%RSD	.8891565	.5290439	.2642547	208.8275	.2611231	.2247295	11.53588

#1	5.418250	4.772521	-.307396	.0006999	9.269443	4.424522	.0070209
#2	5.390607	4.764659	-.305899	.0002755	9.244529	4.419228	.0088536
#3	5.325139	4.725560	-.306113	-.000274	9.221169	4.405307	.0079576

Sample Name: I3073-09 Acquired: 5/15/2017 16:55:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5871255	.0409170	.1248198
Stddev	.0039565	.0003560	.0005187
%RSD	.6738747	.8700583	.4155724

#1	.5891570	.0413279	.1250013
#2	.5896535	.0407009	.1252234
#3	.5825659	.0407223	.1242347

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.656	2715.442	62612.13	5594.963	3224.700
Stddev	10.175	16.545	46.44	24.603	14.268
%RSD	.5468654	.6092813	.0741666	.4397288	.4424679

#1	1866.575	2720.542	62567.62	5571.319	3221.560
#2	1848.906	2696.947	62608.49	5593.147	3212.263
#3	1866.485	2728.835	62660.28	5620.424	3240.276

Sample Name: I3073-10 Acquired: 5/15/2017 16:59:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583584	-.017256	10.06284	-.006801	.0040828	65.55315	5.327377
Stddev	.0014245	.000939	.03336	.002426	.0008939	.08340	.000364
%RSD	2.440890	5.439740	.3315386	35.66473	21.89464	.1272253	.0068400

#1	.0581031	-.017035	10.03990	-.006928	.0051030	65.56771	5.327621
#2	.0598932	-.018285	10.04751	-.004315	.0037085	65.62831	5.327552
#3	.0570788	-.016447	10.10111	-.009161	.0034369	65.46343	5.326958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076590	.0433750	135.5069	.1047208	.1606723	.3123932	150.7611
Stddev	.0000228	.0001225	.3302	.0011776	.0009398	.0005240	.4688
%RSD	.2980810	.2824838	.2436568	1.124511	.5849365	.1677209	.3109680

#1	.0076763	.0432350	135.4860	.1035009	.1604288	.3125123	151.2121
#2	.0076676	.0434267	135.1877	.1058510	.1598782	.3128473	150.7949
#3	.0076332	.0434631	135.8470	.1048105	.1617099	.3118199	150.2763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.34628	58.93419	.1897329	-.003760	1.325329	.2165012	2.920985
Stddev	.03243	.21978	.0012160	.000265	.076987	.0013019	.039033
%RSD	.2626841	.3729323	.6408800	7.053726	5.808886	.6013527	1.336298

#1	12.33172	58.74612	.1901287	-.003458	1.403496	.2168825	2.893170
#2	12.32369	58.88066	.1883683	-.003870	1.322911	.2175700	2.965606
#3	12.38344	59.17580	.1907016	-.003952	1.249580	.2150512	2.904178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.387569	4.786539	-.307334	.0001090	9.283743	4.407759	.0068101
Stddev	.006070	.022260	.001934	.0003826	.050919	.018776	.0012542
%RSD	.1126652	.4650522	.6292310	351.1308	.5484739	.4259651	18.41646

#1	5.389439	4.778510	-.307294	.0004101	9.265869	4.417497	.0080215
#2	5.380784	4.769408	-.309288	.0002384	9.244172	4.419665	.0055171
#3	5.392483	4.811700	-.305421	-.000322	9.341189	4.386115	.0068917

Sample Name: I3073-10 Acquired: 5/15/2017 16:59:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5887771	.0416191	.1250234
Stddev	.0007928	.0006766	.0001792
%RSD	.1346503	1.625621	.1433468

#1	.5882657	.0409831	.1249147
#2	.5896903	.0423300	.1252303
#3	.5883751	.0415443	.1249253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.126	2703.218	61328.26	5576.967	3198.499
Stddev	15.917	4.952	317.00	15.551	.861
%RSD	.8778957	.1831810	.5168849	.2788395	.0269197

#1	1831.394	2698.648	61660.09	5579.428	3197.619
#2	1805.747	2702.527	61296.15	5560.332	3199.340
#3	1802.237	2708.479	61028.54	5591.140	3198.539

Sample Name: I3073-11 Acquired: 5/15/2017 17:03:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1238759	.1055260	10.00575	.0731637	.0678046	75.86713	9.145331
Stddev	.0036767	.0027078	.05085	.0008351	.0013905	.02015	.018841
%RSD	2.968056	2.565981	.5082515	1.141428	2.050813	.0265611	.2060157

#1	.1214332	.1050545	10.00518	.0731283	.0665430	75.88123	9.124809
#2	.1220902	.1030850	10.05688	.0723468	.0675753	75.84405	9.149339
#3	.1281045	.1084386	9.95518	.0740159	.0692956	75.87612	9.161846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905883	.1344384	136.8234	.4626039	1.108687	.7633207	154.0748
Stddev	.0002117	.0009044	.7262	.0036611	.004660	.0049530	.5855
%RSD	.2336857	.6727545	.5307850	.7914175	.4202814	.6488801	.3799954

#1	.0908000	.1338483	136.4508	.4639661	1.106796	.7591600	154.5384
#2	.0903766	.1354797	137.6603	.4584570	1.113994	.7620026	154.2692
#3	.0905884	.1339872	136.3591	.4653887	1.105269	.7687994	153.4169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.45726	59.64321	1.143335	.0346321	1.299126	1.096360	3.692881
Stddev	.07485	.25496	.004862	.0003469	.115320	.005694	.029638
%RSD	.5561985	.4274761	.4252405	1.001599	8.876710	.5193353	.8025629

#1	13.40938	59.40813	1.140726	.0344833	1.398466	1.094377	3.712473
#2	13.54351	59.91424	1.148944	.0343844	1.172662	1.091923	3.658785
#3	13.41888	59.60725	1.140333	.0350285	1.326250	1.102780	3.707385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.132005	4.661925	-.313236	-.000107	9.227698	2.888788	.0060670
Stddev	.017596	.020852	.000992	.000227	.033522	.004632	.0013654
%RSD	.2869542	.4472728	.3168082	212.0362	.3632741	.1603350	22.50512

#1	6.112488	4.658902	-.312262	.000041	9.223407	2.893370	.0046342
#2	6.146656	4.684123	-.314246	.000007	9.263159	2.884108	.0062137
#3	6.136871	4.642750	-.313201	-.000369	9.196528	2.888887	.0073531

Sample Name: I3073-11 Acquired: 5/15/2017 17:03:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5816351	.0461369	.1310032
Stddev	.0029905	.0002238	.0000549
%RSD	.5141458	.4851249	.0419133

#1	.5784599	.0463757	.1310295
#2	.5820474	.0461031	.1310400
#3	.5843981	.0459319	.1309400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.198	2645.552	61666.75	5548.355	3145.831
Stddev	5.082	3.620	234.98	16.133	5.385
%RSD	.2810684	.1368411	.3810467	.2907757	.1711770

#1	1802.329	2648.338	61494.58	5534.990	3146.416
#2	1811.100	2646.859	61934.45	5543.799	3140.178
#3	1811.163	2641.460	61571.23	5566.277	3150.900

Sample Name: I3073-09LX5 Acquired: 5/15/2017 17:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127963	-.003352	2.056962	.0011884	.0012777	14.08486	1.144702
Stddev	.0019338	.002097	.006528	.0037991	.0017353	.03677	.000516
%RSD	15.11208	62.56544	.3173587	319.6759	135.8205	.2610310	.0450882

#1	.0146308	-.001151	2.064064	.0053901	.0032621	14.11436	1.145081
#2	.0129816	-.005327	2.055599	.0001799	.0000450	14.04367	1.144911
#3	.0107766	-.003579	2.051223	-.002005	.0005259	14.09656	1.144114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018331	.0084112	30.06550	.0237247	.0313454	.0687681	34.18036
Stddev	.0000439	.0001077	.02556	.0005651	.0000185	.0007513	.07121
%RSD	2.395426	1.280559	.0850091	2.382087	.0590717	1.092539	.2083367

#1	.0018713	.0083399	30.08836	.0243317	.0313668	.0689580	34.14119
#2	.0017851	.0085351	30.03791	.0236288	.0313360	.0694063	34.26255
#3	.0018430	.0083586	30.07024	.0232137	.0313335	.0679401	34.13733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.818869	12.83140	.0385352	-.000691	.3307842	.0474872	.6193644
Stddev	.002548	.05690	.0000745	.000149	.0893343	.0040778	.0076984
%RSD	.0904034	.4434595	.1932737	21.50930	27.00682	8.587227	1.242953

#1	2.821062	12.87322	.0384565	-.000782	.2286748	.0497748	.6228256
#2	2.816073	12.76660	.0385444	-.000772	.3691555	.0427791	.6105430
#3	2.819472	12.85437	.0386046	-.000520	.3945224	.0499076	.6247248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.059519	.9051464	-.070805	-.000374	1.768396	1.016966	.0010353
Stddev	.035043	.0036878	.000379	.000349	.011717	.007838	.0011357
%RSD	3.307441	.4074249	.5348471	93.37249	.6625720	.7707457	109.6999

#1	1.099538	.9083636	-.071243	-.000478	1.761944	1.024620	-.000232
#2	1.044695	.9059538	-.070584	.000015	1.781921	1.008956	.001376
#3	1.034325	.9011218	-.070590	-.000659	1.761324	1.017322	.001962

Sample Name: I3073-09LX5 Acquired: 5/15/2017 17:07:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0H6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1294184	.0093711	.0275415
Stddev	.0003565	.0002311	.0000863
%RSD	.2754653	2.465970	.3132107

#1	.1297977	.0092750	.0276411
#2	.1290903	.0092035	.0274927
#3	.1293670	.0096347	.0274907

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.309	2616.136	59092.95	5105.013	3652.199
Stddev	21.164	8.204	249.64	31.169	9.576
%RSD	1.194845	.3136009	.4224468	.6105514	.2621951

#1	1776.839	2609.055	59032.14	5069.268	3644.284
#2	1747.928	2614.225	58879.34	5126.516	3649.470
#3	1789.159	2625.127	59367.38	5119.256	3662.843

Sample Name: I3073-12 Acquired: 5/15/2017 17:11:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540026	-.014870	8.709758	-.007947	.0022237	57.99521	4.533956
Stddev	.0017870	.002440	.023296	.001886	.0017957	.04572	.016453
%RSD	3.309155	16.40765	.2674666	23.72599	80.75024	.0788400	.3628833

#1	.0538575	-.012171	8.734197	-.005916	.0041283	57.94934	4.534924
#2	.0558577	-.015521	8.687805	-.008285	.0005616	58.04078	4.549904
#3	.0522925	-.016919	8.707273	-.009642	.0019813	57.99550	4.517041

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069095	.0398528	130.2315	.1013985	.1393087	.3083250	135.5923
Stddev	.0000782	.0004695	.2194	.0004671	.0006631	.0009490	.5068
%RSD	1.131848	1.178146	.1684919	.4606216	.4759879	.3078052	.3737871

#1	.0068342	.0403928	129.9964	.1012003	.1400479	.3084607	135.3185
#2	.0069903	.0395408	130.2673	.1010632	.1387664	.3073155	135.2813
#3	.0069040	.0396248	130.4308	.1019320	.1391116	.3091989	136.1772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98915	54.97965	.1783484	-.003116	1.175601	.2030755	2.541305
Stddev	.02611	.17488	.0011115	.000316	.127479	.0044059	.036591
%RSD	.2375667	.3180794	.6232376	10.13938	10.84370	2.169562	1.439836

#1	10.97481	54.79857	.1793723	-.003203	1.131194	.2068127	2.579667
#2	10.97336	55.14758	.1771662	-.002765	1.319343	.2041964	2.506789
#3	11.01928	54.99280	.1785067	-.003379	1.076264	.1982175	2.537460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.739387	4.346481	-.272355	.0002060	8.754739	4.021382	.0054619
Stddev	.024044	.013521	.001953	.0003963	.069392	.019065	.0020449
%RSD	.5073159	.3110823	.7171558	192.4360	.7926177	.4740957	37.43886

#1	4.712531	4.362073	-.270327	-.000122	8.827750	4.006735	.0044005
#2	4.758910	4.339378	-.274224	.000646	8.689646	4.042939	.0078192
#3	4.746722	4.337991	-.272515	.000094	8.746822	4.014471	.0041659

Sample Name: I3073-12 Acquired: 5/15/2017 17:11:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5594013	.0370759	.1175303
Stddev	.0019220	.0002042	.0002205
%RSD	.3435746	.5508659	.1876432

#1	.5580163	.0370858	.1173200
#2	.5615956	.0372750	.1177599
#3	.5585921	.0368669	.1175111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.946	2687.878	61892.33	5561.846	3226.688
Stddev	15.020	9.110	81.49	13.168	9.992
%RSD	.8225850	.3389106	.1316601	.2367515	.3096712

#1	1808.966	2686.349	61833.27	5571.306	3215.231
#2	1831.377	2679.629	61985.29	5567.425	3231.235
#3	1837.495	2697.655	61858.42	5546.807	3233.599

Sample Name: I3073-13 Acquired: 5/15/2017 17:15:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569739	-.018581	10.72630	-.008651	.0050551	75.35868	6.396730
Stddev	.0023874	.001043	.01462	.000968	.0004858	.24588	.023223
%RSD	4.190267	5.614244	.1363123	11.18887	9.609774	.3262746	.3630503

#1	.0590653	-.017606	10.73236	-.007658	.0048627	75.59416	6.419981
#2	.0574834	-.019681	10.70963	-.008704	.0046949	75.37832	6.396675
#3	.0543729	-.018457	10.73692	-.009591	.0056076	75.10358	6.373534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079844	.0469194	150.6102	.1057188	.1721512	.3218947	157.5227
Stddev	.0000489	.0003069	.6835	.0008316	.0006552	.0017061	.6903
%RSD	.6122666	.6540251	.4538059	.7866124	.3806126	.5300211	.4382374

#1	.0079743	.0472733	151.3984	.1047801	.1722453	.3226207	158.1680
#2	.0080376	.0467264	150.1826	.1063635	.1727543	.3199457	156.7948
#3	.0079414	.0467586	150.2495	.1060128	.1714540	.3231178	157.6053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80893	68.07216	.2022939	-.003822	1.367145	.2245525	3.001694
Stddev	.02238	.06849	.0008889	.000282	.115080	.0026542	.013171
%RSD	.1620842	.1006136	.4394068	7.371692	8.417576	1.181981	.4387775

#1	13.82643	68.10590	.2024600	-.003806	1.498719	.2264771	2.988644
#2	13.81664	68.11725	.2030880	-.004111	1.285242	.2215246	3.001458
#3	13.78371	67.99335	.2013337	-.003548	1.317474	.2256557	3.014982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.697891	4.927694	-.320564	.0003210	10.22510	2.836125	.0083720
Stddev	.038780	.010756	.001812	.0005093	.02651	.013299	.0017133
%RSD	.5789812	.2182860	.5653804	158.6501	.2592817	.4689025	20.46431

#1	6.703789	4.927785	-.322596	-.000216	10.21038	2.849994	.0063986
#2	6.656500	4.938404	-.319983	.000383	10.25570	2.823481	.0094798
#3	6.733383	4.916892	-.319114	.000797	10.20921	2.834900	.0092374

Sample Name: I3073-13 Acquired: 5/15/2017 17:15:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5564900	.0504549	.1416143
Stddev	.0028854	.0000436	.0003674
%RSD	.5185098	.0864434	.2594223

#1	.5592138	.0504484	.1420015
#2	.5567898	.0505015	.1415708
#3	.5534663	.0504150	.1412706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.262	2667.642	61624.45	5525.820	3145.623
Stddev	5.482	7.697	205.77	27.002	7.710
%RSD	.3018503	.2885192	.3339098	.4886447	.2451117

#1	1821.293	2659.598	61860.26	5498.672	3136.753
#2	1817.074	2674.937	61531.75	5552.673	3149.397
#3	1810.419	2668.390	61481.33	5526.115	3150.720

Sample Name: I3073-14 Acquired: 5/15/2017 17:19:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689613	-.013621	8.272859	-.003468	.0064392	73.13345	4.979838
Stddev	.0015318	.000759	.024261	.001764	.0012405	.12019	.006989
%RSD	2.221261	5.571291	.2932618	50.85926	19.26515	.1643402	.1403502

#1	.0707119	-.013358	8.300869	-.004888	.0050497	72.99467	4.987852
#2	.0678667	-.013028	8.258421	-.001494	.0068326	73.20339	4.976656
#3	.0683054	-.014476	8.259287	-.004023	.0074353	73.20229	4.975006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084373	.0428055	141.9883	.1236968	.1650861	.3262885	158.7980
Stddev	.0000613	.0002451	.2859	.0034724	.0006078	.0023585	.3953
%RSD	.7269941	.5725884	.2013260	2.807174	.3681534	.7228342	.2489056

#1	.0084648	.0430846	142.1381	.1252513	.1657448	.3276538	158.4954
#2	.0084801	.0427063	141.6587	.1197187	.1649664	.3276465	158.6534
#3	.0083670	.0426255	142.1682	.1261203	.1645471	.3235651	159.2452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.36757	57.63773	.2118849	-.003159	1.615377	.2413030	2.426484
Stddev	.03846	.13676	.0006551	.000487	.080137	.0033913	.030031
%RSD	.3109732	.2372809	.3091776	15.42405	4.960867	1.405425	1.237616

#1	12.37679	57.70451	.2125026	-.003522	1.703087	.2392389	2.407659
#2	12.32534	57.48040	.2119542	-.002605	1.597058	.2452170	2.410676
#3	12.40059	57.72827	.2111979	-.003350	1.545986	.2394531	2.461116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.004807	5.813726	-.313280	.0044057	13.56931	6.833437	.0120440
Stddev	.053176	.036923	.001357	.0003477	.06762	.047971	.0000661
%RSD	.7591334	.6351036	.4330359	7.892924	.4983549	.7020041	.5487379

#1	6.957619	5.847235	-.314829	.0047132	13.64726	6.875031	.0121195
#2	7.062425	5.774142	-.312705	.0044756	13.52633	6.780959	.0119964
#3	6.994377	5.819799	-.312306	.0040284	13.53435	6.844322	.0120162

Sample Name: I3073-14 Acquired: 5/15/2017 17:19:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0H9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6448460	.0508203	.1481088
Stddev	.0011471	.0008726	.0003309
%RSD	.1778898	1.717026	.2234232

#1	.6454308	.0512002	.1484909
#2	.6435243	.0514387	.1479196
#3	.6455828	.0498222	.1479158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.929	2688.553	63101.82	5591.971	3124.026
Stddev	32.998	2.922	1369.52	14.845	6.360
%RSD	1.778926	.1086802	2.170331	.2654706	.2035689

#1	1836.488	2685.506	62386.99	5581.190	3116.687
#2	1893.025	2688.822	64680.85	5608.903	3127.472
#3	1835.273	2691.332	62237.62	5585.820	3127.918

Sample Name: I3073-15 Acquired: 5/15/2017 17:23:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470786	-.010997	5.412488	-.006089	.0025119	48.73010	3.136312
Stddev	.0054497	.001726	.004278	.004275	.0008281	.38119	.024386
%RSD	11.57571	15.69141	.0790465	70.21013	32.96633	.7822511	.7775283

#1	.0475920	-.010411	5.409777	-.010593	.0016726	48.35318	3.114865
#2	.0522535	-.009640	5.410267	-.002089	.0025347	49.11542	3.162837
#3	.0413904	-.012939	5.417420	-.005583	.0033283	48.72169	3.131233

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056872	.0241252	95.03923	.0883798	.1017287	.2103521	112.6653
Stddev	.0001479	.0002024	.89584	.0001507	.0004134	.0011558	1.4064
%RSD	2.601448	.8389749	.9425995	.1704987	.4064145	.5494756	1.248335

#1	.0056551	.0242168	94.17787	.0882589	.1016676	.2095509	111.3364
#2	.0058486	.0238932	95.96597	.0883320	.1013493	.2116771	114.1382
#3	.0055579	.0242657	94.97383	.0885486	.1021693	.2098283	112.5211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.796920	37.84103	.1305361	-.002415	.8699416	.1707475	1.621963
Stddev	.052614	.10734	.0005359	.000152	.0923029	.0026973	.020069
%RSD	.6748039	.2836639	.4105434	6.291445	10.61024	1.579700	1.237317

#1	7.740942	37.80637	.1310510	-.002586	.9659214	.1695170	1.599297
#2	7.845356	37.96142	.1299814	-.002298	.8620855	.1738406	1.629119
#3	7.804462	37.75531	.1305759	-.002360	.7818178	.1688849	1.637473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.363335	3.511545	-.224242	.0004763	8.155308	3.247942	.0072661
Stddev	.056892	.015112	.000643	.0004018	.052055	.016550	.0001366
%RSD	1.303861	.4303540	.2869590	84.37241	.6382911	.5095488	1.880390

#1	4.299001	3.525850	-.224135	.0002106	8.214572	3.253466	.0071552
#2	4.407015	3.513047	-.224933	.0009385	8.134368	3.261023	.0072244
#3	4.383987	3.495738	-.223659	.0002796	8.116984	3.229336	.0074187

Sample Name: I3073-15 Acquired: 5/15/2017 17:23:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5397721	.0295176	.0953181
Stddev	.0043417	.0001195	.0005647
%RSD	.8043539	.4048078	.5924209

#1	.5347769	.0294752	.0950322
#2	.5426391	.0296525	.0959686
#3	.5419002	.0294250	.0949536

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.698	2663.007	61164.34	5442.611	3330.298
Stddev	13.088	1.348	350.75	28.527	3.968
%RSD	.7228190	.0506150	.5734625	.5241331	.1191541

#1	1824.525	2662.588	61566.35	5461.846	3326.142
#2	1809.069	2661.918	61005.99	5409.836	3334.047
#3	1798.501	2664.515	60920.68	5456.152	3330.705

Sample Name: I3073-16 Acquired: 5/15/2017 17:27:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466689	-.012476	5.520421	-.008401	.0044445	50.56517	3.251331
Stddev	.0024821	.002400	.018298	.000777	.0011122	.11954	.005837
%RSD	5.318508	19.23517	.3314556	9.243020	25.02472	.2364131	.1795166

#1	.0487945	-.014056	5.541443	-.008337	.0046196	50.44742	3.246555
#2	.0472711	-.009715	5.508075	-.009208	.0032550	50.56168	3.257837
#3	.0439411	-.013657	5.511745	-.007659	.0054587	50.68643	3.249601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057723	.0248558	98.85399	.0915531	.1039559	.2218586	114.1248
Stddev	.0000555	.0000516	.32564	.0014137	.0004582	.0011627	.4642
%RSD	.9621546	.2074257	.3294126	1.544115	.4407558	.5240720	.4067788

#1	.0058113	.0247969	99.15595	.0931693	.1044414	.2228127	114.1678
#2	.0057969	.0248930	98.50896	.0905469	.1035311	.2221996	113.6406
#3	.0057087	.0248774	98.89706	.0909429	.1038952	.2205635	114.5661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.053195	39.57075	.1377862	-.002923	.9276318	.1787867	1.694094
Stddev	.036139	.06417	.0009970	.000251	.1331738	.0022833	.037780
%RSD	.4487527	.1621697	.7235841	8.586300	14.35632	1.277105	2.230100

#1	8.092643	39.49669	.1388090	-.002993	.7801930	.1812712	1.655342
#2	8.021684	39.60558	.1377324	-.003130	.9635145	.1783086	1.730821
#3	8.045259	39.60997	.1368172	-.002644	1.039188	.1767804	1.696117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.513276	3.620227	-.226303	.0005990	8.474257	4.061569	.0075358
Stddev	.023541	.008215	.001905	.0001636	.026496	.027217	.0003279
%RSD	.5215922	.2269245	.8417007	27.31638	.3126660	.6701123	4.351169

#1	4.487279	3.629633	-.228481	.0007575	8.493606	4.091100	.0076297
#2	4.519399	3.616590	-.225482	.0006086	8.485106	4.037491	.0071712
#3	4.533151	3.614458	-.224946	.0004307	8.444058	4.056115	.0078065

Sample Name: I3073-16 Acquired: 5/15/2017 17:27:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5603064	.0309885	.0985718
Stddev	.0010289	.0001550	.0000182
%RSD	.1836317	.5002880	.0184847

#1	.5605491	.0311589	.0985711
#2	.5591778	.0308558	.0985540
#3	.5611922	.0309508	.0985904

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.862	2640.700	60644.28	5410.596	3286.193
Stddev	10.139	11.600	181.60	14.602	13.171
%RSD	.5664523	.4392777	.2994445	.2698828	.4008030

#1	1783.250	2633.009	60476.62	5402.823	3273.880
#2	1784.801	2635.049	60619.03	5427.441	3284.620
#3	1801.535	2654.043	60837.17	5401.525	3300.081

Sample Name: I3073-17 Acquired: 5/15/2017 17:31:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610344	-.017396	8.051306	-.010502	.0042594	73.18081	5.402079
Stddev	.0032721	.003404	.010745	.002760	.0008550	.20754	.013965
%RSD	5.361041	19.56897	.1334626	26.28548	20.07243	.2835990	.2585085

#1	.0582162	-.021087	8.038934	-.012345	.0033856	73.17245	5.410556
#2	.0646229	-.016719	8.058308	-.011832	.0050941	72.97758	5.385961
#3	.0602641	-.014381	8.056677	-.007328	.0042984	73.39241	5.409720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078430	.0363080	154.9359	.1116977	.1525263	.2787831	153.1960
Stddev	.0001517	.0001619	.4672	.0004250	.0006067	.0043265	.2821
%RSD	1.934367	.4459201	.3015342	.3804498	.3977655	1.551935	.1841648

#1	.0079255	.0361797	154.5700	.1114602	.1525711	.2769773	153.1692
#2	.0076680	.0362545	155.4621	.1121884	.1518984	.2756520	152.9281
#3	.0079357	.0364899	154.7755	.1114447	.1531094	.2837200	153.4905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.83518	70.81873	.1981049	-.004606	1.298750	.2216235	2.330111
Stddev	.00651	.14739	.0003902	.000093	.104699	.0034231	.024620
%RSD	.0549910	.2081189	.1969725	2.022573	8.061546	1.544544	1.056603

#1	11.82783	70.98550	.1979163	-.004499	1.276867	.2218956	2.358342
#2	11.83748	70.70597	.1978447	-.004665	1.412661	.2180725	2.318897
#3	11.84022	70.76471	.1985535	-.004655	1.206721	.2249024	2.313094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.107572	4.934455	-.312862	.0009861	11.67141	3.473336	.0074154
Stddev	.030668	.011738	.002420	.0000719	.00676	.015170	.0009572
%RSD	.4314823	.2378730	.7736262	7.292076	.0578969	.4367502	12.90800

#1	7.124263	4.939637	-.311054	.0010587	11.66381	3.476636	.0084091
#2	7.072179	4.921018	-.311921	.0009149	11.67674	3.456789	.0073377
#3	7.126274	4.942710	-.315612	.0009847	11.67367	3.486585	.0064995

Sample Name: I3073-17 Acquired: 5/15/2017 17:31:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6011842	.0488122	.1442468
Stddev	.0033096	.0008428	.0001600
%RSD	.5505045	1.726570	.1108928

#1	.5988495	.0487416	.1444232
#2	.6049717	.0480070	.1441111
#3	.5997315	.0496881	.1442060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.709	2678.409	61883.03	5569.732	3136.966
Stddev	3.149	13.237	113.66	17.555	9.146
%RSD	.1729742	.4942275	.1836662	.3151886	.2915660

#1	1817.096	2676.611	61928.11	5564.242	3137.630
#2	1822.877	2692.453	61967.23	5589.376	3145.761
#3	1822.153	2666.162	61753.75	5555.578	3127.505

Sample Name: I3073-18 Acquired: 5/15/2017 17:35:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687469	-.023184	12.54010	-.009050	.0038922	96.75317	5.907214
Stddev	.0020773	.001874	.05013	.004568	.0007670	.20061	.007661
%RSD	3.021708	8.082943	.3997883	50.47596	19.70618	.2073415	.1296812

#1	.0700563	-.024504	12.48351	-.014325	.0044532	96.52222	5.898371
#2	.0663517	-.024010	12.57896	-.006401	.0030182	96.85320	5.911823
#3	.0698328	-.021039	12.55783	-.006425	.0042053	96.88410	5.911448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101503	.0610593	167.8404	.1325278	.2125572	.4142351	192.8402
Stddev	.0000839	.0001177	.4703	.0011032	.0009128	.0012639	.4964
%RSD	.8263231	.1928167	.2802288	.8324061	.4294330	.3051257	.2574297

#1	.0101569	.0609643	167.4981	.1326907	.2118482	.4141661	192.2756
#2	.0102307	.0611910	168.3767	.1313523	.2122362	.4155320	193.0368
#3	.0100634	.0610225	167.6464	.1335405	.2135871	.4130070	193.2082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.76509	65.31793	.2695881	-.004380	1.602453	.2840039	3.294169
Stddev	.04851	.08425	.0012167	.000365	.121936	.0010973	.055496
%RSD	.3076948	.1289859	.4513117	8.326589	7.609331	.3863631	1.684683

#1	15.74134	65.34406	.2685598	-.004023	1.736183	.2828613	3.268503
#2	15.82089	65.38601	.2692733	-.004366	1.573741	.2850494	3.357852
#3	15.73303	65.22370	.2709313	-.004752	1.497435	.2841009	3.256152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.102232	6.378297	-.403690	.0000001	15.24514	4.972352	.0136735
Stddev	.016268	.034822	.003102	.0004056	.06665	.004503	.0011278
%RSD	.1787204	.5459453	.7684397	524078.5	.4371607	.0905654	8.248068

#1	9.100501	6.339038	-.406707	-.000423	15.16846	4.975799	.0128955
#2	9.119295	6.405450	-.400509	.000038	15.28912	4.967257	.0131582
#3	9.086899	6.390405	-.403852	.000385	15.27783	4.974000	.0149669

Sample Name: I3073-18 Acquired: 5/15/2017 17:35:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7105141	.0613782	.1615361
Stddev	.0038622	.0005030	.0004330
%RSD	.5435777	.8195655	.2680639

#1	.7064133	.0609734	.1612749
#2	.7140825	.0619414	.1620360
#3	.7110466	.0612200	.1612975

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.840	2800.454	64665.69	5805.183	3068.191
Stddev	13.361	3.834	52.04	10.727	6.333
%RSD	.6966438	.1369125	.0804737	.1847806	.2063935

#1	1922.552	2803.451	64626.50	5815.518	3075.411
#2	1902.761	2801.778	64645.83	5794.103	3063.577
#3	1928.205	2796.134	64724.73	5805.928	3065.585

Sample Name: I3073-19 Acquired: 5/15/2017 17:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730424	-.021281	12.37001	-.007826	.0051766	93.09460	5.473206
Stddev	.0013857	.002612	.05131	.002902	.0008423	.15357	.021761
%RSD	1.897126	12.27451	.4148184	37.08378	16.27096	.1649578	.3975853

#1	.0735356	-.019861	12.33118	-.009420	.0046901	93.22935	5.497969
#2	.0741141	-.019687	12.35067	-.004476	.0046905	93.12704	5.464518
#3	.0714776	-.024296	12.42818	-.009580	.0061492	92.92740	5.457132

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097582	.0606697	156.4949	.1432433	.2127211	.4162289	190.2997
Stddev	.0001193	.0004260	.2997	.0008816	.0011764	.0018129	.8419
%RSD	1.222591	.7021153	.1914945	.6154793	.5530136	.4355542	.4423987

#1	.0098925	.0604094	156.7616	.1433482	.2116259	.4150966	189.4616
#2	.0097174	.0604384	156.1706	.1423139	.2125730	.4183199	191.1454
#3	.0096646	.0611613	156.5525	.1440677	.2139646	.4152703	190.2922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.34530	59.89273	.2734603	-.004379	1.590567	.2815050	3.212318
Stddev	.04993	.25484	.0013457	.000212	.078674	.0029941	.026851
%RSD	.3054714	.4254930	.4921197	4.839683	4.946294	1.063592	.8358649

#1	16.39796	60.10421	.2737340	-.004338	1.522888	.2830496	3.219571
#2	16.29865	59.60979	.2719987	-.004190	1.676888	.2780540	3.182586
#3	16.33928	59.96418	.2746481	-.004608	1.571925	.2834113	3.234798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.765189	6.423512	-.394227	.0006296	15.05760	3.806197	.0098007
Stddev	.020187	.015107	.000537	.0001636	.01169	.002112	.0013303
%RSD	.2303096	.2351766	.1363089	25.97647	.0776631	.0554826	13.57380

#1	8.778125	6.435369	-.394111	.0006820	15.04428	3.808588	.0108050
#2	8.775514	6.428663	-.394813	.0004463	15.06233	3.805417	.0103052
#3	8.741928	6.406503	-.393758	.0007606	15.06619	3.804586	.0082919

Sample Name: I3073-19 Acquired: 5/15/2017 17:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6892285	.0585422	.1535101
Stddev	.0016958	.0002800	.0003431
%RSD	.2460438	.4782878	.2234983

#1	.6907269	.0583854	.1539046
#2	.6873876	.0588654	.1532818
#3	.6895711	.0583756	.1533439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.660	2795.592	64607.26	5800.935	3084.465
Stddev	4.450	2.368	180.61	6.158	5.491
%RSD	.2330219	.0847212	.2795446	.1061467	.1780198

#1	1909.870	2793.072	64815.80	5805.067	3084.350
#2	1914.000	2795.931	64504.31	5793.858	3090.013
#3	1905.108	2797.772	64501.67	5803.879	3079.033

Sample Name: I3073-20 Acquired: 5/15/2017 17:43:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0681839	-.019702	10.65745	-.009019	.0037588	82.00198	5.356212
Stddev	.0011340	.001424	.12073	.003380	.0013829	.15786	.009231
%RSD	1.663118	7.229406	1.132839	37.47591	36.79090	.1925017	.1723450

#1	.0684825	-.020328	10.56616	-.005136	.0021950	82.11024	5.366204
#2	.0691387	-.020706	10.61184	-.010617	.0048206	81.82085	5.348002
#3	.0669305	-.018072	10.79434	-.011304	.0042607	82.07484	5.354431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084756	.0478927	152.7393	.1253114	.1795112	.3393831	174.1778
Stddev	.0001236	.0003541	.3868	.0005672	.0019983	.0034406	.4830
%RSD	1.458285	.7394231	.2532568	.4526651	1.113166	1.013775	.2772871

#1	.0083368	.0477821	152.3406	.1257761	.1782873	.3424123	174.2223
#2	.0085739	.0476071	153.1130	.1246793	.1784291	.3400946	173.6742
#3	.0085162	.0482890	152.7644	.1254788	.1818171	.3356424	174.6371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.36722	61.29396	.2306745	-.003932	1.537794	.2447221	2.820371
Stddev	.03321	.06031	.0021383	.000341	.169766	.0018466	.022745
%RSD	.2311442	.0983950	.9269677	8.685120	11.03961	.7545867	.8064632

#1	14.33979	61.32429	.2289175	-.004319	1.729412	.2426131	2.817646
#2	14.40414	61.22450	.2300508	-.003802	1.477796	.2460486	2.844356
#3	14.35774	61.33308	.2330553	-.003674	1.406173	.2455048	2.799111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.971134	5.547501	-.362283	.0003541	12.35080	3.353086	.0094525
Stddev	.030115	.059708	.001020	.0007185	.11505	.022008	.0005527
%RSD	.3778031	1.076298	.2815769	202.9117	.9315246	.6563500	5.847534

#1	8.003836	5.492050	-.362527	-.000444	12.23716	3.362246	.0098995
#2	7.944543	5.539746	-.361163	.000558	12.34803	3.327977	.0088345
#3	7.965024	5.610707	-.363158	.000949	12.46721	3.369034	.0096236

Sample Name: I3073-20 Acquired: 5/15/2017 17:43:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0J5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6583363	.0521790	.1445401
Stddev	.0009140	.0001620	.0002620
%RSD	.1388416	.3104057	.1812589

#1	.6585190	.0523654	.1447337
#2	.6591452	.0520731	.1442420
#3	.6573447	.0520984	.1446446

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.515	2734.776	63129.82	5670.130	3118.737
Stddev	14.400	8.239	277.46	16.678	21.182
%RSD	.7756298	.3012508	.4395119	.2941348	.6791830

#1	1844.324	2739.502	62886.67	5655.020	3134.420
#2	1852.817	2739.563	63070.71	5688.025	3127.150
#3	1872.403	2725.263	63432.07	5667.344	3094.641

Sample Name: I3073-21 Acquired: 5/15/2017 17:47:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677905	-.019430	10.29638	-.007765	.0041070	94.45329	5.920706
Stddev	.0005964	.002627	.04800	.003330	.0003058	.20213	.017029
%RSD	.8798021	13.52133	.4661796	42.88039	7.445790	.2140028	.2876177

#1	.0680198	-.019880	10.25673	-.011443	.0044593	94.22400	5.924890
#2	.0671135	-.021803	10.28265	-.004955	.0039518	94.53017	5.901975
#3	.0682383	-.016607	10.34974	-.006897	.0039100	94.60570	5.935253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092995	.0494871	152.6627	.1225742	.1875019	.3616658	183.7684
Stddev	.0000463	.0002489	.4361	.0001861	.0008379	.0039013	.4609
%RSD	.4982166	.5030313	.2856690	.1518405	.4468603	1.078713	.2507887

#1	.0092475	.0492041	153.0314	.1224029	.1868100	.3580131	183.2365
#2	.0093143	.0495850	152.1813	.1225473	.1872622	.3657755	184.0201
#3	.0093366	.0496722	152.7754	.1227723	.1884335	.3612090	184.0486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47314	63.98759	.2362016	-.004317	1.525288	.2740810	3.006685
Stddev	.04176	.35143	.0009713	.000355	.062701	.0061458	.003664
%RSD	.2885528	.5492169	.4112258	8.217739	4.110797	2.242334	.1218568

#1	14.48266	64.31280	.2351083	-.004144	1.497635	.2673967	3.009602
#2	14.42744	63.61479	.2369652	-.004725	1.481166	.2794874	3.007881
#3	14.50932	64.03517	.2365313	-.004082	1.597062	.2753589	3.002573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.283890	5.794744	-.377880	.0006429	12.69923	4.382562	.0096306
Stddev	.045151	.018501	.001063	.0004971	.02355	.012881	.0017940
%RSD	.5450509	.3192679	.2811957	77.31624	.1854381	.2939042	18.62778

#1	8.237892	5.773486	-.377000	.0002044	12.68088	4.368696	.0094032
#2	8.328144	5.803547	-.377581	.0011829	12.72579	4.384837	.0079612
#3	8.285633	5.807200	-.379061	.0005415	12.69102	4.394153	.0115274

Sample Name: I3073-21 Acquired: 5/15/2017 17:47:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7267436	.0599946	.1540596
Stddev	.0017038	.0006242	.0002850
%RSD	.2344424	1.040389	.1849711

#1	.7277799	.0606229	.1540617
#2	.7276738	.0593746	.1537736
#3	.7247772	.0599864	.1543435

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.327	2754.211	63872.85	5702.116	3122.171
Stddev	11.514	8.971	184.77	10.965	8.171
%RSD	.6100711	.3257029	.2892825	.1922995	.2617002

#1	1874.925	2754.099	63660.37	5697.528	3124.079
#2	1897.677	2763.237	63962.37	5694.190	3129.220
#3	1889.379	2745.297	63995.81	5714.630	3113.216

Sample Name: I3073-22 Acquired: 5/15/2017 17:51:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675193	-.019287	9.560786	-.003986	.0037273	80.37633	5.302902
Stddev	.0035016	.002714	.015725	.000679	.0023213	.12732	.005048
%RSD	5.185990	14.07413	.1644721	17.04468	62.27817	.1584071	.0951900

#1	.0648354	-.022335	9.574361	-.003340	.0012489	80.31024	5.300958
#2	.0662426	-.018395	9.564441	-.004695	.0058506	80.29564	5.308633
#3	.0714801	-.017130	9.543555	-.003922	.0040824	80.52311	5.299115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087227	.0474240	138.5596	.1409616	.1761903	.3465184	168.7853
Stddev	.0000636	.0001515	.5469	.0008019	.0008929	.0019677	.4295
%RSD	.7288729	.3194380	.3947069	.5689093	.5067948	.5678549	.2544868

#1	.0086502	.0474866	138.8519	.1411150	.1762327	.3481145	169.0849
#2	.0087690	.0475342	138.8982	.1400941	.1770613	.3443199	168.2932
#3	.0087488	.0472513	137.9287	.1416758	.1752770	.3471209	168.9779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.07487	55.43982	.2370079	-.003828	1.351242	.2476785	2.796080
Stddev	.05690	.30939	.0003466	.000225	.036587	.0018273	.011493
%RSD	.4042326	.5580621	.1462454	5.873812	2.707685	.7377874	.4110297

#1	14.12361	55.48719	.2366763	-.003582	1.309541	.2475799	2.785742
#2	14.08864	55.72279	.2373678	-.003878	1.377958	.2495532	2.808455
#3	14.01235	55.10948	.2369795	-.004023	1.366226	.2459025	2.794044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.991268	5.446311	-.345928	.0023831	12.09663	9.332401	.0098960
Stddev	.006790	.025714	.001251	.0002800	.04825	.023084	.0007970
%RSD	.0971150	.4721324	.3615957	11.74868	.3988458	.2473584	8.053389

#1	6.986713	5.474482	-.345473	.0027040	12.15204	9.347039	.0094727
#2	6.999072	5.440347	-.344968	.0022565	12.06395	9.305790	.0093999
#3	6.988019	5.424102	-.347342	.0021888	12.07390	9.344374	.0108153

Sample Name: I3073-22 Acquired: 5/15/2017 17:51:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7265015	.0506047	.1389148
Stddev	.0023843	.0000498	.0002176
%RSD	.3281884	.0983104	.1566098

#1	.7258073	.0506594	.1389867
#2	.7245413	.0505925	.1390872
#3	.7291558	.0505621	.1386703

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.333	2760.239	63437.92	5676.585	3163.738
Stddev	7.077	5.220	204.51	12.067	1.959
%RSD	.3775705	.1891214	.3223814	.2125820	.0619093

#1	1866.833	2766.183	63320.01	5663.733	3164.008
#2	1880.893	2758.139	63674.07	5687.674	3161.659
#3	1875.274	2756.397	63319.68	5678.347	3165.548

Sample Name: I3073-03 Acquired: 5/15/2017 17:55:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617799	-.016395	9.398128	-.008828	.0027502	69.81086	6.304965
Stddev	.0052968	.002678	.043413	.002582	.0002142	.22322	.010887
%RSD	8.573718	16.33467	.4619307	29.24643	7.789104	.3197560	.1726705

#1	.0651633	-.018327	9.444446	-.006860	.0027331	69.57266	6.295031
#2	.0645008	-.017521	9.358366	-.007874	.0025450	69.84468	6.303261
#3	.0556757	-.013338	9.391571	-.011752	.0029724	70.01525	6.316604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081129	.0427495	107.2170	.1392558	.1609581	.3182983	161.0833
Stddev	.0000824	.0002524	.3399	.0004577	.0007788	.0021083	.7230
%RSD	1.016210	.5904462	.3170256	.3286787	.4838405	.6623799	.4488287

#1	.0081886	.0428505	107.0286	.1394453	.1617056	.3177299	160.2730
#2	.0080251	.0424623	107.0129	.1387337	.1601515	.3206326	161.3144
#3	.0081252	.0429358	107.6094	.1395882	.1610174	.3165325	161.6625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.31633	54.81588	.2133319	-.003074	1.310440	.2381350	2.472239
Stddev	.04888	.20906	.0007106	.000185	.059705	.0052988	.020083
%RSD	.3968981	.3813889	.3331046	6.027456	4.556131	2.225117	.8123413

#1	12.31653	54.85855	.2140115	-.002900	1.365582	.2321040	2.494121
#2	12.26735	54.58878	.2125939	-.003053	1.318707	.2420435	2.467946
#3	12.36512	55.00032	.2133903	-.003269	1.247033	.2402576	2.454649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.716041	3.586353	-.337298	.0007043	6.603855	8.325920	.0088797
Stddev	.004360	.008657	.002470	.0002282	.024867	.053257	.0010583
%RSD	.0762813	.2413975	.7321974	32.40569	.3765536	.6396579	11.91848

#1	5.720288	3.596331	-.334451	.0006629	6.622324	8.266059	.0097491
#2	5.711576	3.580834	-.338853	.0009505	6.575580	8.343650	.0077013
#3	5.716259	3.581894	-.338591	.0004997	6.613661	8.368050	.0091886

Sample Name: I3073-03 Acquired: 5/15/2017 17:55:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6333541	.0423842	.1069583
Stddev	.0023004	.0003765	.0002509
%RSD	.3632083	.8883916	.2345697

#1	.6307198	.0421291	.1069921
#2	.6343763	.0422069	.1066922
#3	.6349663	.0428166	.1071906

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.268	2756.127	63384.62	5619.682	3259.725
Stddev	13.012	15.612	346.97	15.402	11.824
%RSD	.6938882	.5664445	.5473968	.2740722	.3627178

#1	1860.265	2750.989	62988.09	5634.705	3253.468
#2	1882.067	2773.660	63533.36	5620.414	3273.363
#3	1883.473	2743.731	63632.43	5603.927	3252.345

Sample Name: I3073-04 Acquired: 5/15/2017 17:59:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660934	-.017106	10.75767	-.008462	.0036180	86.82466	7.848989
Stddev	.0045407	.002215	.04032	.001796	.0007666	.52644	.017769
%RSD	6.870141	12.95132	.3747856	21.21919	21.18749	.6063267	.2263902

#1	.0646724	-.016063	10.72328	-.008432	.0043803	87.34435	7.856935
#2	.0624332	-.015604	10.74769	-.006682	.0028473	86.29172	7.828633
#3	.0711747	-.019650	10.80204	-.010272	.0036264	86.83793	7.861398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087069	.0486007	122.6411	.1295927	.1851560	.3562052	176.7134
Stddev	.0000912	.0003314	.3005	.0007031	.0010441	.0008850	1.4005
%RSD	1.047596	.6819285	.2450180	.5425155	.5638890	.2484631	.7925385

#1	.0088017	.0482274	122.9417	.1293610	.1843223	.3560081	178.3096
#2	.0086991	.0488603	122.3407	.1303824	.1848187	.3554354	175.6904
#3	.0086198	.0487144	122.6409	.1290348	.1863270	.3571722	176.1402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.01935	63.78731	.2287245	-.004294	1.464419	.2607154	2.764570
Stddev	.04820	.25645	.0000970	.000070	.138344	.0053890	.019249
%RSD	.3438269	.4020374	.0423978	1.627334	9.447027	2.066987	.6962822

#1	14.04962	63.78437	.2288364	-.004371	1.327547	.2550724	2.786589
#2	13.96376	63.53234	.2286705	-.004236	1.604190	.2612657	2.756187
#3	14.04466	64.04521	.2286665	-.004275	1.461519	.2658081	2.750933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.514745	3.994937	-.360057	.0005547	7.862264	8.318392	.0102495
Stddev	.061241	.014257	.004638	.0002870	.032660	.080357	.0008319
%RSD	.8149437	.3568702	1.288234	51.73539	.4154060	.9660113	8.116054

#1	7.576325	3.986085	-.364745	.0008829	7.864350	8.404617	.0111960
#2	7.453849	3.987343	-.355470	.0003513	7.828611	8.245596	.0099181
#3	7.514060	4.011383	-.359957	.0004299	7.893832	8.304961	.0096345

Sample Name: I3073-04 Acquired: 5/15/2017 17:59:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0H1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7325030	.0566988	.1292963
Stddev	.0067599	.0004673	.0003131
%RSD	.9228449	.8241247	.2421559

#1	.7383715	.0572051	.1296326
#2	.7251116	.0566074	.1290133
#3	.7340260	.0562840	.1292431

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.207	2701.677	62774.37	5642.557	3128.952
Stddev	6.301	18.062	190.18	39.447	15.034
%RSD	.3433132	.6685643	.3029539	.6991025	.4804711

#1	1828.589	2691.168	62570.46	5597.560	3122.942
#2	1835.897	2722.533	62805.73	5671.184	3146.061
#3	1841.133	2691.328	62946.92	5658.926	3117.853

Sample Name: CCV014 Acquired: 5/15/2017 18:03:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919140	4.730274	23.95864	4.850935	4.911372	405.4564
Stddev	.012294	.015305	.04616	.005169	.013775	1.6760
%RSD	.2499226	.3235640	.1926459	.1065624	.2804731	.4133611

#1	4.923138	4.722739	23.92375	4.856847	4.895952	407.3372
#2	4.905344	4.747886	23.94120	4.848698	4.922462	404.9112
#3	4.928937	4.720196	24.01097	4.847262	4.915701	404.1209

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.997872	.4969202	2.467293	396.2235	14.91699	2.462625
Stddev	.046962	.0014645	.004566	.7926	.05437	.003664
%RSD	.4697184	.2947128	.1850783	.2000468	.3644976	.1487870

#1	10.04797	.4971134	2.463053	396.7931	14.89673	2.460521
#2	9.95485	.4982786	2.472128	396.5591	14.97858	2.460498
#3	9.99079	.4953688	2.466699	395.3183	14.87566	2.466856

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.03516	392.0944	14.50739	391.1652	2.444189	1.258824
Stddev	.07665	1.4502	.04995	.2404	.003344	.008537
%RSD	.5098200	.3698608	.3442745	.0614634	.1368020	.6782021

#1	15.12207	393.2316	14.55516	391.3598	2.443702	1.257128
#2	14.97723	392.5904	14.51150	390.8964	2.441115	1.268083
#3	15.00616	390.4613	14.45552	391.2393	2.447749	1.251262

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.8385	2.437112	14.08298	153.1297	5.049317	F 4.282321
Stddev	2.4799	.006920	.17112	.7392	.014336	.019354
%RSD	.6361278	.2839524	1.215102	.4826978	.2839263	.4519500

#1	392.3867	2.435520	13.88584	153.9484	5.033602	4.295366
#2	389.6956	2.444690	14.16994	152.5116	5.061682	4.260084
#3	387.4331	2.431126	14.19315	152.9290	5.052666	4.291512

Sample Name: CCV014 Acquired: 5/15/2017 18:03:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.834708	3.966690	4.907411	4.877403	4.903099	5.046213
Stddev	.006635	.017821	.009703	.001620	.023670	.033317
%RSD	.1372363	.4492702	.1977136	.0332094	.4827497	.6602448

#1	4.831432	3.983589	4.915467	4.876055	4.919989	5.081350
#2	4.842344	3.968409	4.896640	4.879200	4.913264	5.015077
#3	4.830349	3.948071	4.910126	4.876955	4.876045	5.042213

Elem	Sr4077
Units	ppm
Avg	5.032739
Stddev	.022098
%RSD	.4390895

#1	5.057434
#2	5.025956
#3	5.014828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.712	2081.163	48538.46	4514.882	2502.660
Stddev	5.347	1.634	193.31	12.150	2.825
%RSD	.3801025	.0785051	.3982594	.2691095	.1128965

#1	1407.223	2079.605	48334.45	4501.093	2500.457
#2	1411.785	2082.863	48562.01	4519.534	2505.845
#3	1401.128	2081.021	48718.91	4524.019	2501.677

Sample Name: CCB014 Acquired: 5/15/2017 18:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004642	.0003485	.0008532	.0020994	.0008284	.0104398	.0004657
Stddev	.0024670	.0005996	.0008405	.0019888	.0012139	.0033539	.0006983
%RSD	531.4940	172.0346	98.50867	94.73344	146.5275	32.12638	149.9499

#1	.0009907	-.000344	-.000110	.0002756	.0019964	.0065727	.0004014
#2	.0026254	.000690	.001230	.0042199	-.000427	.0125547	-.000198
#3	-.002224	.000699	.001439	.0018027	.000916	.0121920	.001194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000327	.0000105	.0084350	.0003544	.0001085	-.001072	.0057942
Stddev	.0000273	.0000530	.0115474	.0002898	.0001166	.001111	.0064221
%RSD	83.32532	506.4709	136.8979	81.78815	107.4959	103.6590	110.8368

#1	.0000571	-.000014	.0113781	.0001355	-.000025	-.000335	.0115037
#2	.0000033	.000071	.0182261	.0002446	.000163	-.000531	-.001159
#3	.0000378	-.000026	-.004299	.0006830	.000188	-.002350	.007038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007375	-.014396	.0002658	.0005627	.0317306	.0022018	.0045186
Stddev	.0004534	.023522	.0004100	.0001478	.0863538	.0006475	.0040224
%RSD	61.47213	163.3920	154.2458	26.27237	272.1470	29.40574	89.01795

#1	.0012121	.000169	.0004899	.0006855	-.036090	.0025072	.0053254
#2	.0003088	-.041532	-.000207	.0003986	.002338	.0014581	.0080765
#3	.0006918	-.001825	.000515	.0006039	.128944	.0026401	.0001540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000587	-.001087	.0024125	.0003468	.0053469	.0000107	.0002256
Stddev	.0228303	.000536	.0003115	.0000927	.0071578	.0005213	.0002307
%RSD	38914.55	49.30896	12.91132	26.72832	133.8678	4877.034	102.2802

#1	-.024303	-.000990	.0027721	.0003950	.0014444	.0005975	.0003826
#2	.020963	-.001665	.0022269	.0004056	.0009885	-.000167	-.000039
#3	.003517	-.000606	.0022385	.0002400	.0136078	-.000399	.000334

Sample Name: CCB014 Acquired: 5/15/2017 18:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002493	.0012349	.0000995
Stddev	.0007185	.0001306	.0000177
%RSD	288.2273	10.57472	17.76826

#1	.0007952	.0011683	.0001100
#2	.0005174	.0013853	.0001093
#3	-.000565	.0011510	.0000790

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.495	2628.684	58799.33	4930.186	4008.005
Stddev	1.123	15.262	151.25	33.815	19.581
%RSD	.0634993	.5806014	.2572365	.6858826	.4885586

#1	1769.588	2619.904	58717.04	4927.946	3990.132
#2	1768.553	2619.841	58707.05	4897.547	4004.947
#3	1767.344	2646.307	58973.88	4965.066	4028.935