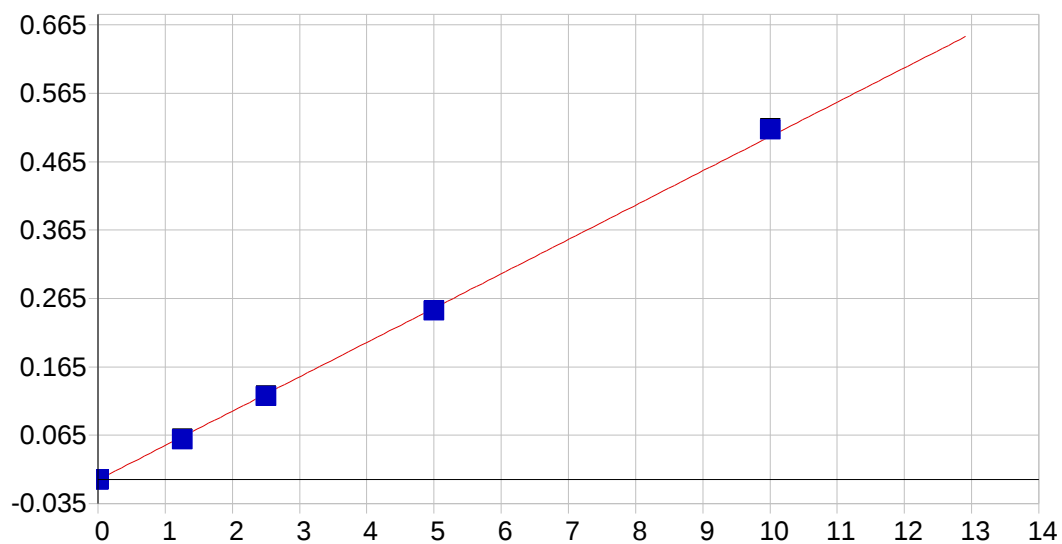


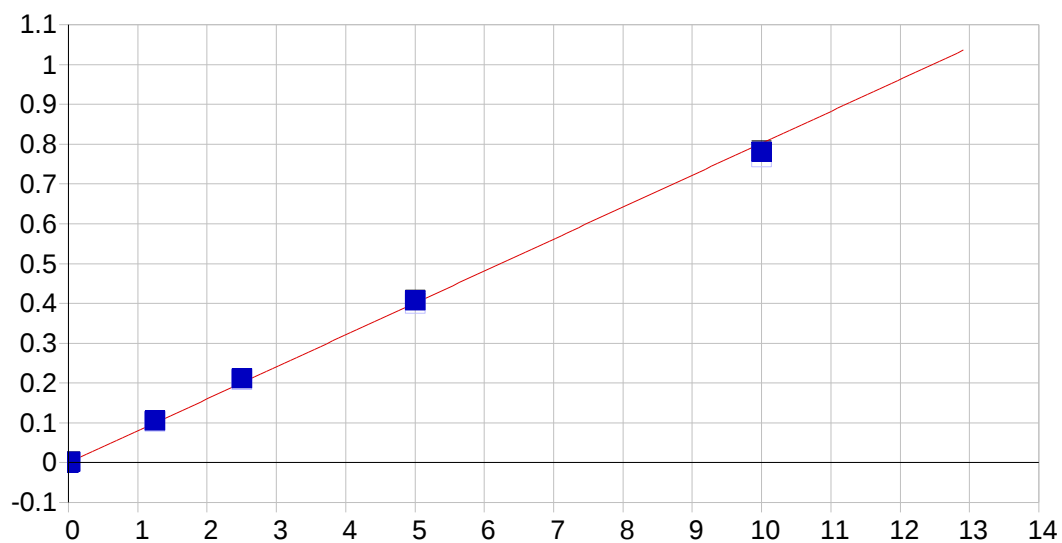


As 189.042 {479}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000148 Re-Slope: 1.000000
 A1 (Gain): 0.050194 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002680
 Predicted MQL: 0.008932

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00913	-.001	-8.73	.00031	.000	1
S2	1.2500	1.1808	-.069	-5.53	.05910	.000	1
S3	2.5000	2.4395	-.060	-2.42	.12227	.000	1
S4	5.0000	4.9238	-.076	-1.52	.24693	.000	1
S5	10.000	10.207	.207	2.07	.51203	.001	1



TI 190.856 {477}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000224

Re-Slope: 1.000000

A1 (Gain): 0.080241

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999491

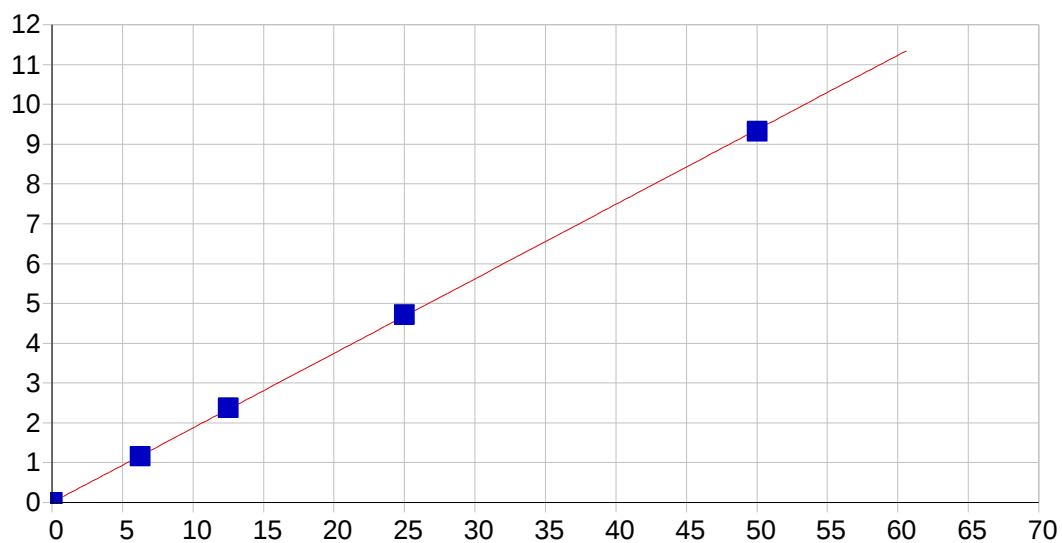
Status: OK.

Std Error of Est: 0.000067

Predicted MDL: 0.001392

Predicted MQL: 0.004640

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00022	.000	1
S1	.02500	.02901	.004	16.0	.00193	.000	1
S2	1.2500	1.3095	.059	4.76	.10303	.000	1
S3	2.5000	2.6328	.133	5.31	.20739	.000	1
S4	5.0000	5.0681	.068	1.36	.39915	.001	1
S5	10.000	9.7359	-.264	-2.64	.76642	.002	1



Pb 220.353 {453}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000193

Re-Slope: 1.000000

A1 (Gain): 0.187217

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

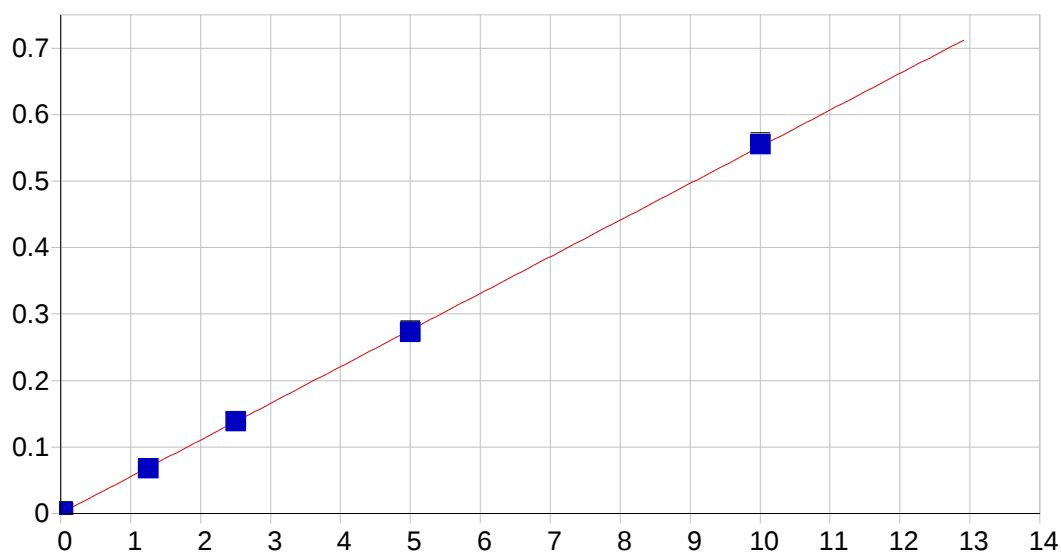
Status: OK.

Std Error of Est: 0.000054

Predicted MDL: 0.001262

Predicted MQL: 0.004208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.01008	.000	.755	.00208	.000	1
S2	6.2500	6.1828	-.067	-1.08	1.1581	.002	1
S3	12.500	12.668	.168	1.34	2.3725	.004	1
S4	25.000	25.166	.166	.664	4.7131	.012	1
S5	50.000	49.733	-.267	-.533	9.3139	.007	1

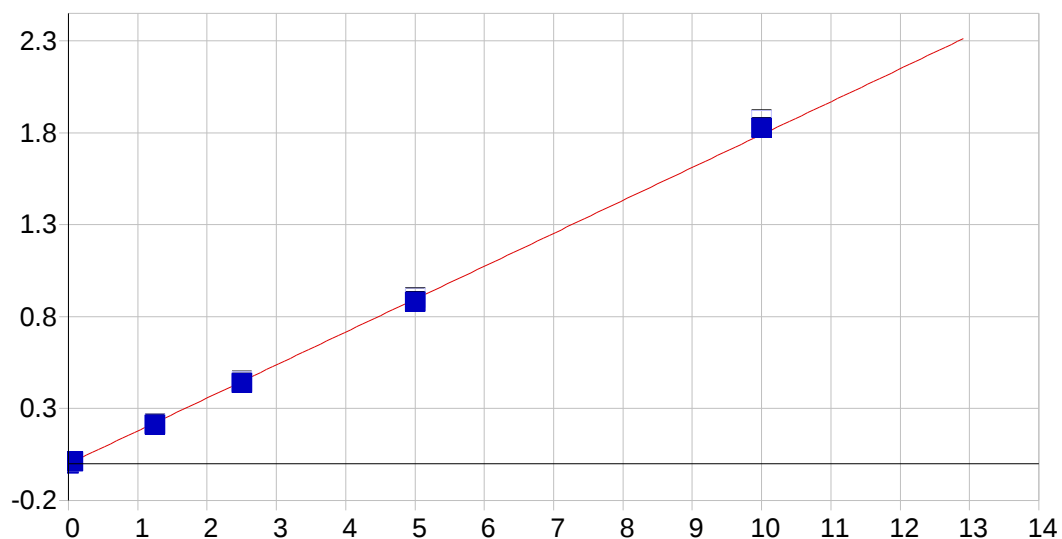


Se 196.090 {472}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000246 Re-Slope: 1.000000
 A1 (Gain): 0.055135 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002731
 Predicted MQL: 0.009104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.03500	.03178	-.003	-9.19	.00200	.000	1
S2	1.2500	1.2226	-.027	-2.19	.06740	.000	1
S3	2.5000	2.5034	.003	.135	.13776	.001	1
S4	5.0000	4.9559	-.044	-.882	.27247	.001	1
S5	10.000	10.071	.071	.714	.55349	.002	1

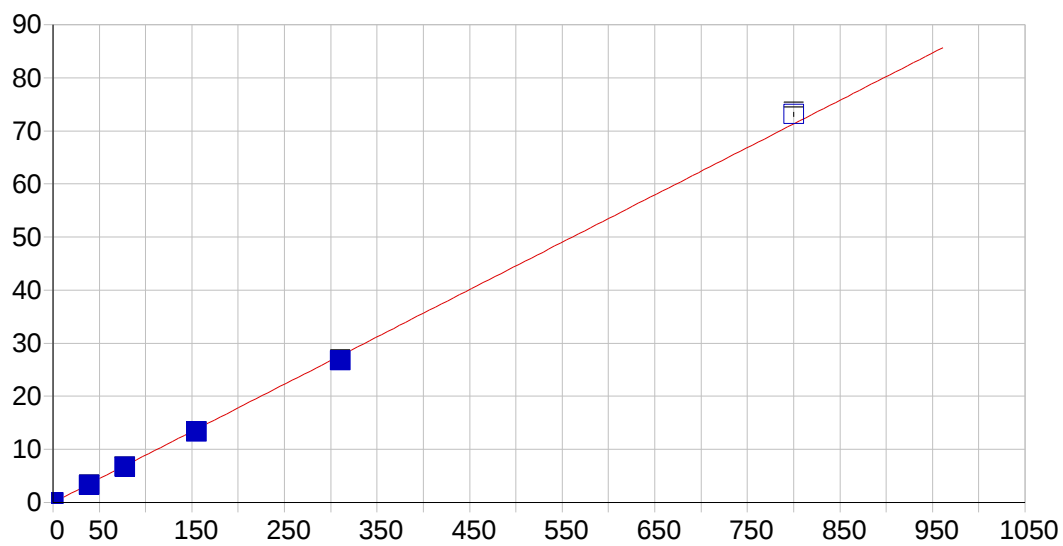


Sb 206.833 {463}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.179071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.001162
 Predicted MQL: 0.003873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00009	.000	1
S1	.06000	.05898	-.001	-1.69	.01046	.000	1
S2	1.2500	1.1889	-.061	-4.89	.21818	.001	1
S3	2.5000	2.4440	-.056	-2.24	.44831	.001	1
S4	5.0000	4.9187	-.081	-1.63	.90223	.002	1
S5	10.000	10.199	.199	1.99	1.8694	.002	1



AI 396.152 { 85}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000288

Re-Slope: 1.000000

A1 (Gain): 0.089130

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999533

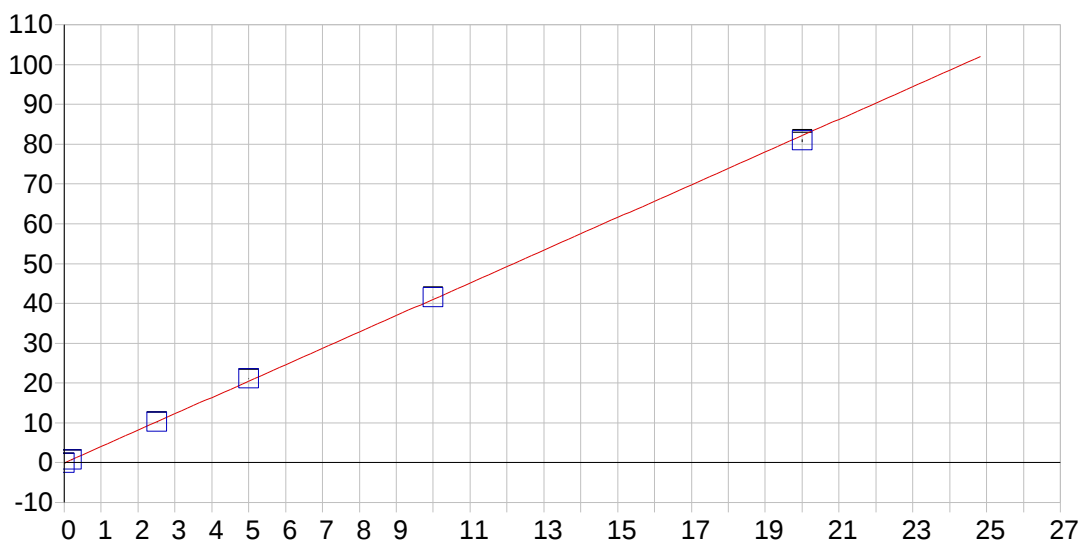
Status: OK.

Std Error of Est: 0.001694

Predicted MDL: 0.008016

Predicted MQL: 0.026720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00029	.000	1
S1	.20000	.19286	-.007	-3.57	.01751	.000	1
S2	38.750	36.547	-2.20	-5.69	3.2618	.003	1
S3	77.500	74.865	-2.63	-3.40	6.6813	.017	1
S4	155.00	149.08	-5.92	-3.82	13.305	.045	1
S5	310.00	300.11	-9.89	-3.19	26.782	.068	1
S6	800.00	820.68	20.7	2.59	73.147	.473	1

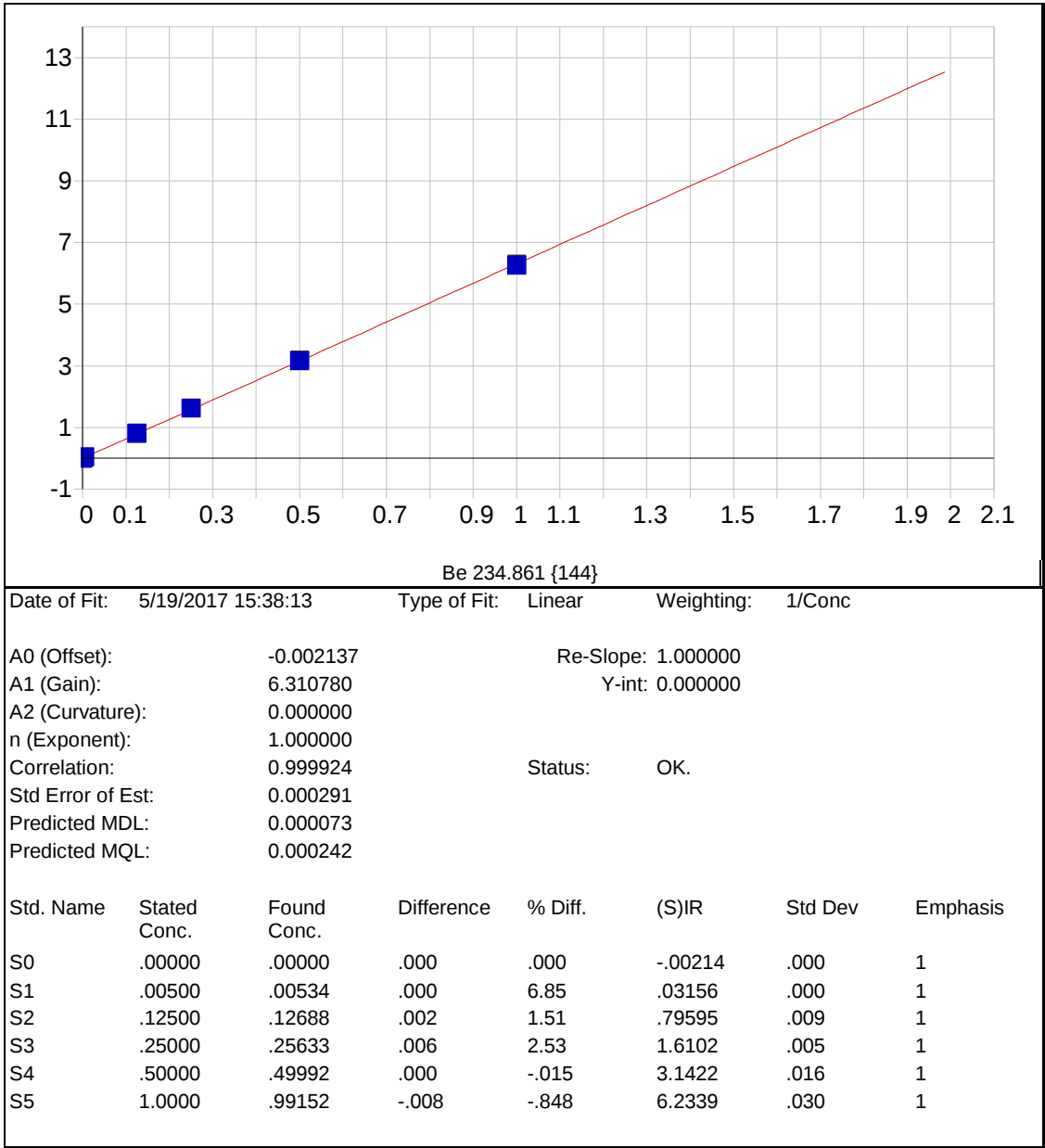


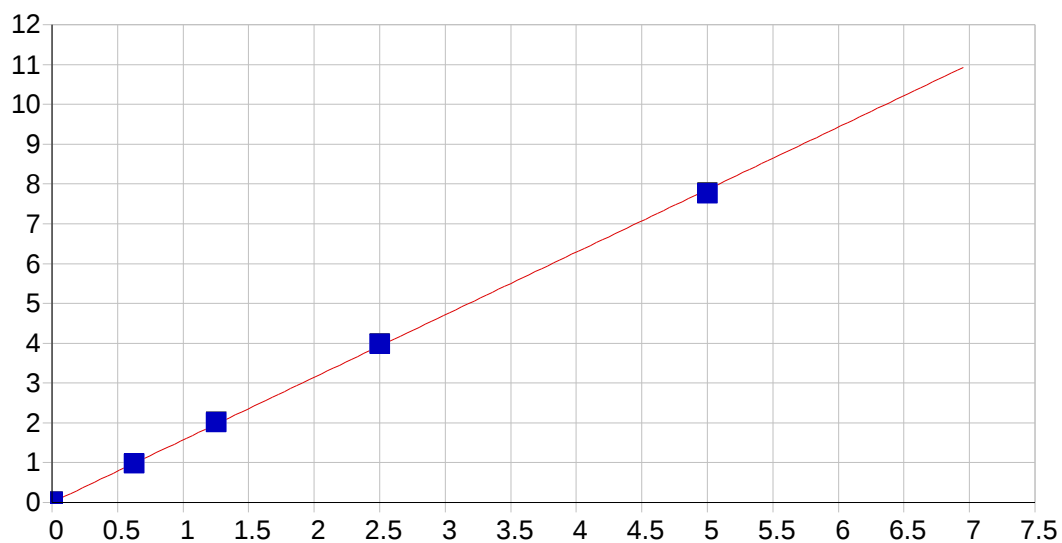
Ba 493.409 { 68}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.055253 Re-Slope: 1.000000
 A1 (Gain): 4.108951 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.007514
 Predicted MDL: 0.000623
 Predicted MQL: 0.002077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.05530	.001	1
S1	.20000	.20430	.004	2.15	.78420	.006	1
S2	2.5000	2.5161	.016	.644	10.283	.034	1
S3	5.0000	5.1550	.155	3.10	21.126	.072	1
S4	10.000	10.126	.126	1.26	41.554	.055	1
S5	20.000	19.698	-.302	-1.51	80.883	.320	1



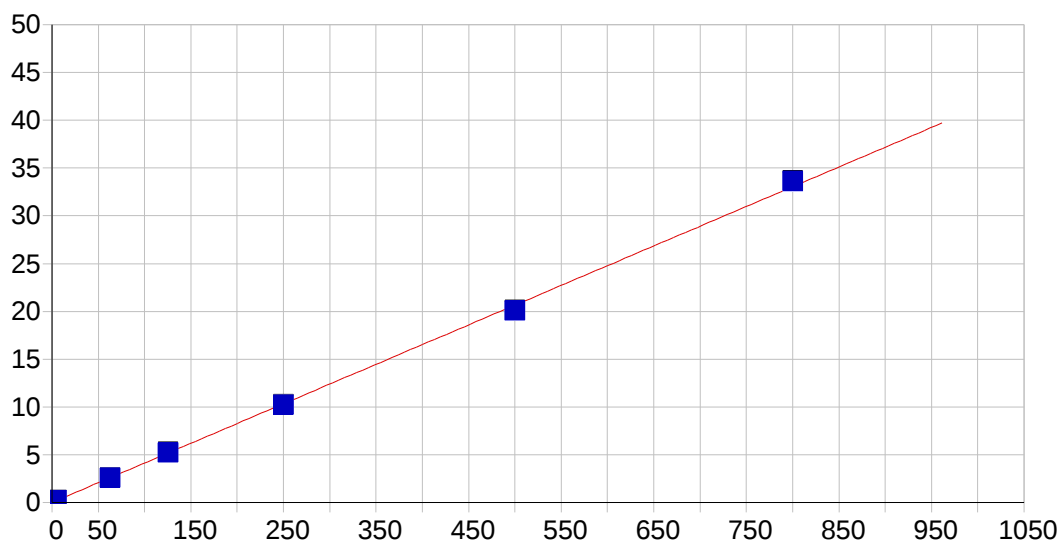


Cd 214.438 {457}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000207 Re-Slope: 1.000000
 A1 (Gain): 1.571664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000192
 Predicted MDL: 0.000092
 Predicted MQL: 0.000307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.00500	.00499	.000	-.267	.00805	.000	1
S2	.62500	.62393	-.001	-.171	.98254	.002	1
S3	1.2500	1.2835	.033	2.68	2.0209	.000	1
S4	2.5000	2.5289	.029	1.16	3.9817	.012	1
S5	5.0000	4.9387	-.061	-1.23	7.7759	.013	1



Ca 373.690 { 90}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001231

Re-Slope: 1.000000

A1 (Gain): 0.041301

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999800

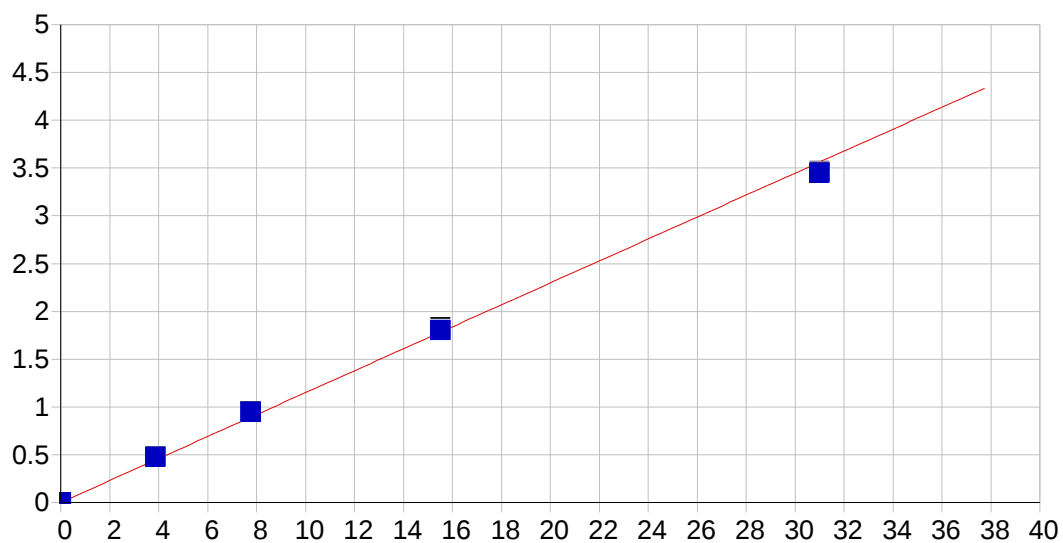
Status: OK.

Std Error of Est: 0.002879

Predicted MDL: 0.013518

Predicted MQL: 0.045060

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	.000	.000	.00123	.000	1
S1	5.0000	5.1180	.118	2.36	.21260	.000	1
S2	62.500	62.914	.414	.662	2.5965	.008	1
S3	125.00	126.95	1.95	1.56	5.2383	.016	1
S4	250.00	247.55	-2.45	-.982	10.213	.046	1
S5	500.00	486.02	-14.0	-2.80	20.049	.060	1
S6	800.00	813.96	14.0	1.75	33.552	.072	1

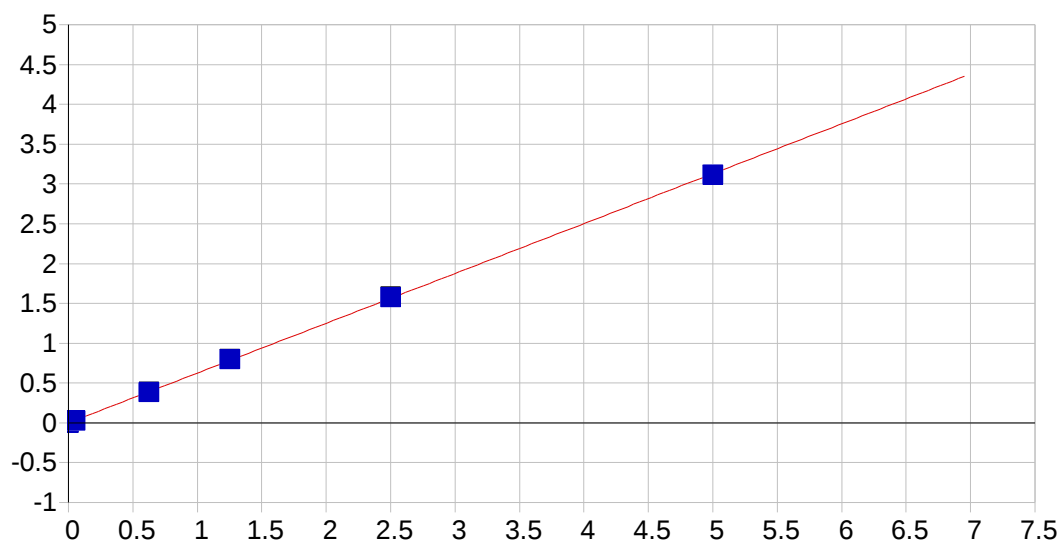


Cr 267.716 {126}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.114878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999309 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000445
 Predicted MQL: 0.001482

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01093	.001	9.28	.00133	.000	1
S2	3.8750	4.1330	.258	6.66	.47600	.001	1
S3	7.7500	8.2421	.492	6.35	.94921	.002	1
S4	15.500	15.707	.207	1.34	1.8091	.022	1
S5	31.000	30.042	-.958	-3.09	3.4604	.006	1

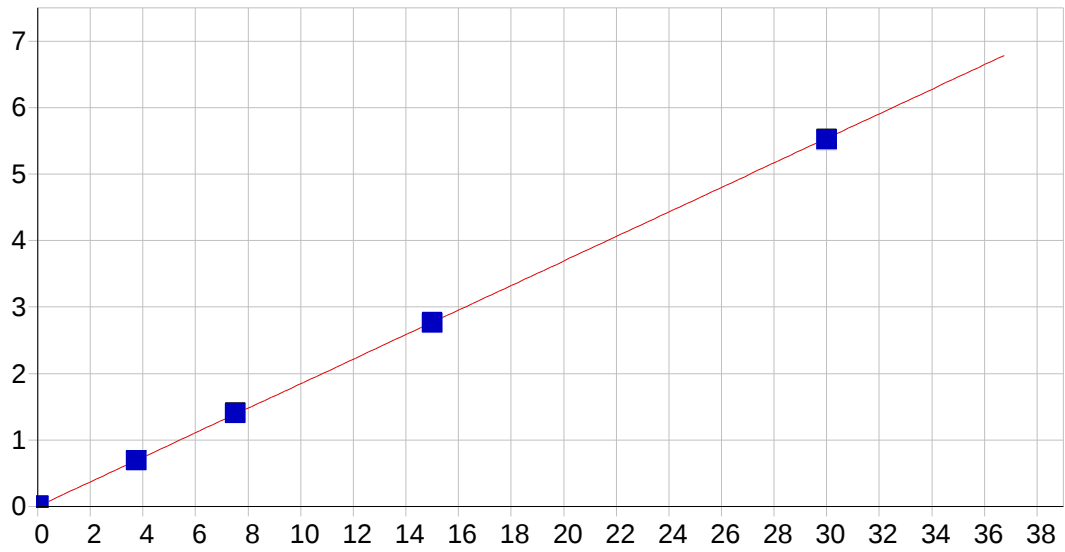


Co 228.616 {448}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.625727 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.000238
 Predicted MQL: 0.000794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.05000	.04747	-.003	-5.06	.02968	.000	1
S2	.62500	.61492	-.010	-1.61	.38545	.001	1
S3	1.2500	1.2720	.022	1.76	.79743	.001	1
S4	2.5000	2.5193	.019	.773	1.5795	.003	1
S5	5.0000	4.9713	-.029	-.575	3.1171	.004	1

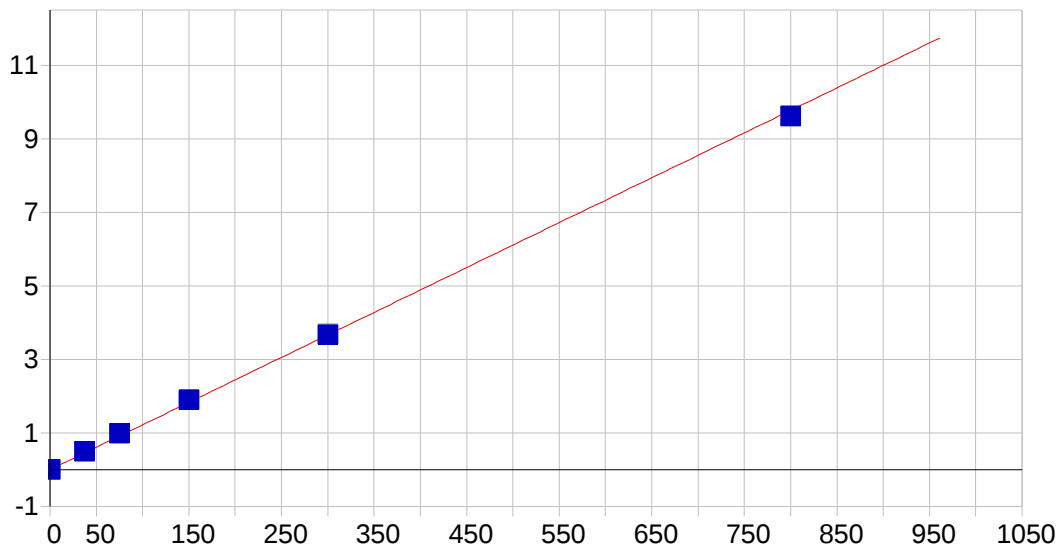


Cu 324.754 {104}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001053 Re-Slope: 1.000000
 A1 (Gain): 0.184544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.002083
 Predicted MQL: 0.006943

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00105	.000	1
S1	.02500	.02345	-.002	-6.19	.00535	.000	1
S2	3.7500	3.7487	-.001	-.035	.69088	.001	1
S3	7.5000	7.6005	.100	1.34	1.3997	.004	1
S4	15.000	14.986	-.014	-.095	2.7587	.002	1
S5	30.000	29.917	-.083	-.278	5.5062	.009	1



Fe 259.837 {130}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000177

Re-Slope: 1.000000

A1 (Gain): 0.012215

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999648

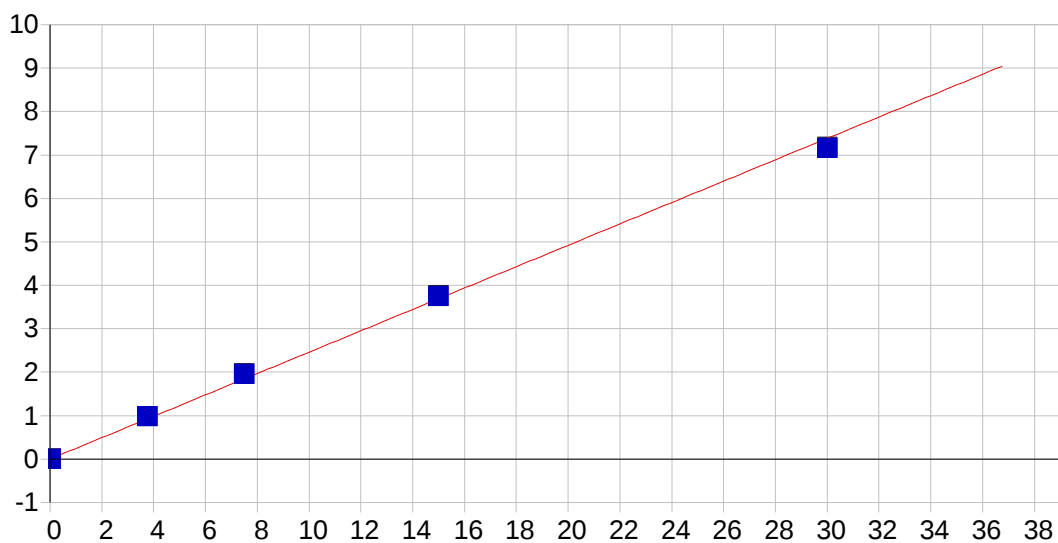
Status: OK.

Std Error of Est: 0.000142

Predicted MDL: 0.016108

Predicted MQL: 0.053693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00018	.000	1
S1	.10000	.10716	.007	7.16	.00149	.000	1
S2	37.500	40.055	2.56	6.81	.49000	.002	1
S3	75.000	80.418	5.42	7.22	.98358	.007	1
S4	150.00	154.85	4.85	3.23	1.8939	.007	1
S5	300.00	300.87	.872	.291	3.6797	.009	1
S6	800.00	786.29	-13.7	-1.71	9.6097	.009	1

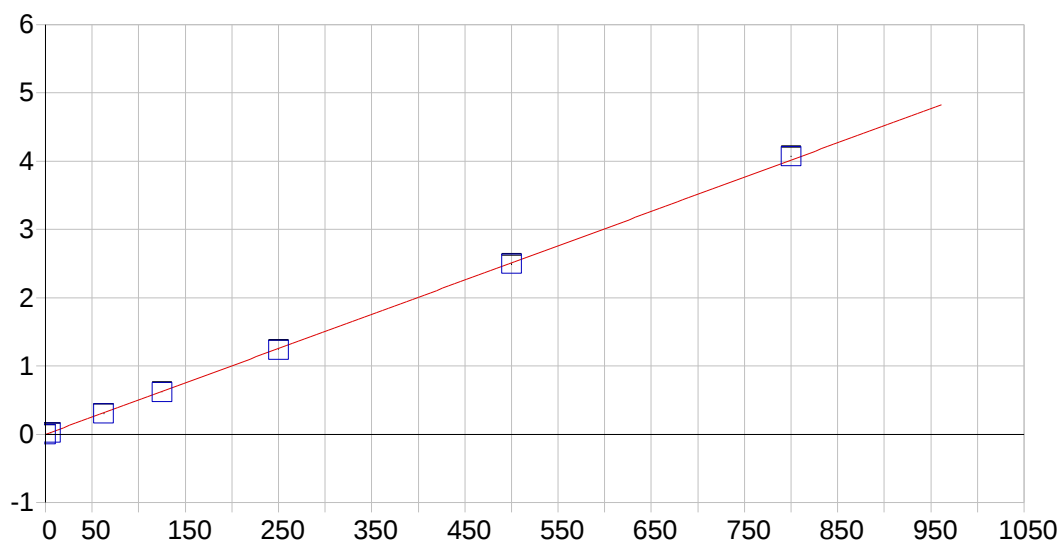


Mn 257.610 {131}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.246084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999337 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.000905
 Predicted MQL: 0.003017

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01500	.01745	.002	16.4	.00399	.000	1
S2	3.7500	3.9853	.235	6.27	.98060	.002	1
S3	7.5000	7.9577	.458	6.10	1.9583	.008	1
S4	15.000	15.225	.225	1.50	3.7472	.009	1
S5	30.000	29.079	-.921	-3.07	7.1572	.021	1



Mg 279.079 {121}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000290

Re-Slope: 1.000000

A1 (Gain): 0.005021

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999890

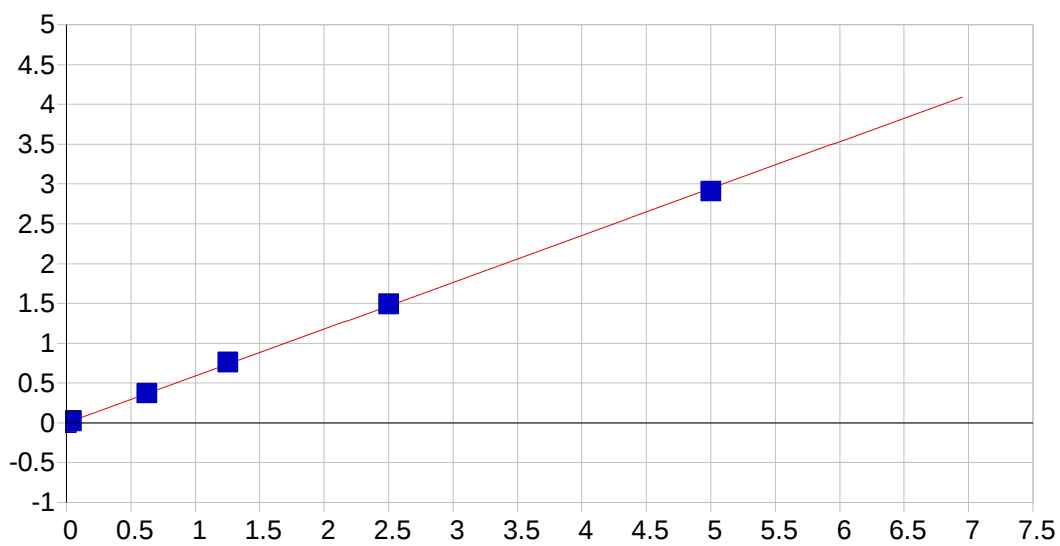
Status: OK.

Std Error of Est: 0.000260

Predicted MDL: 0.044423

Predicted MQL: 0.148076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	-.00029	.000	1
S1	5.0000	4.8446	-.155	-3.11	.02404	.000	1
S2	62.500	59.822	-2.68	-4.28	.30010	.001	1
S3	125.00	123.36	-1.64	-1.31	.61913	.003	1
S4	250.00	246.51	-3.49	-1.40	1.2375	.005	1
S5	500.00	496.36	-3.64	-.727	2.4921	.009	1
S6	800.00	811.61	11.6	1.45	4.0751	.008	1

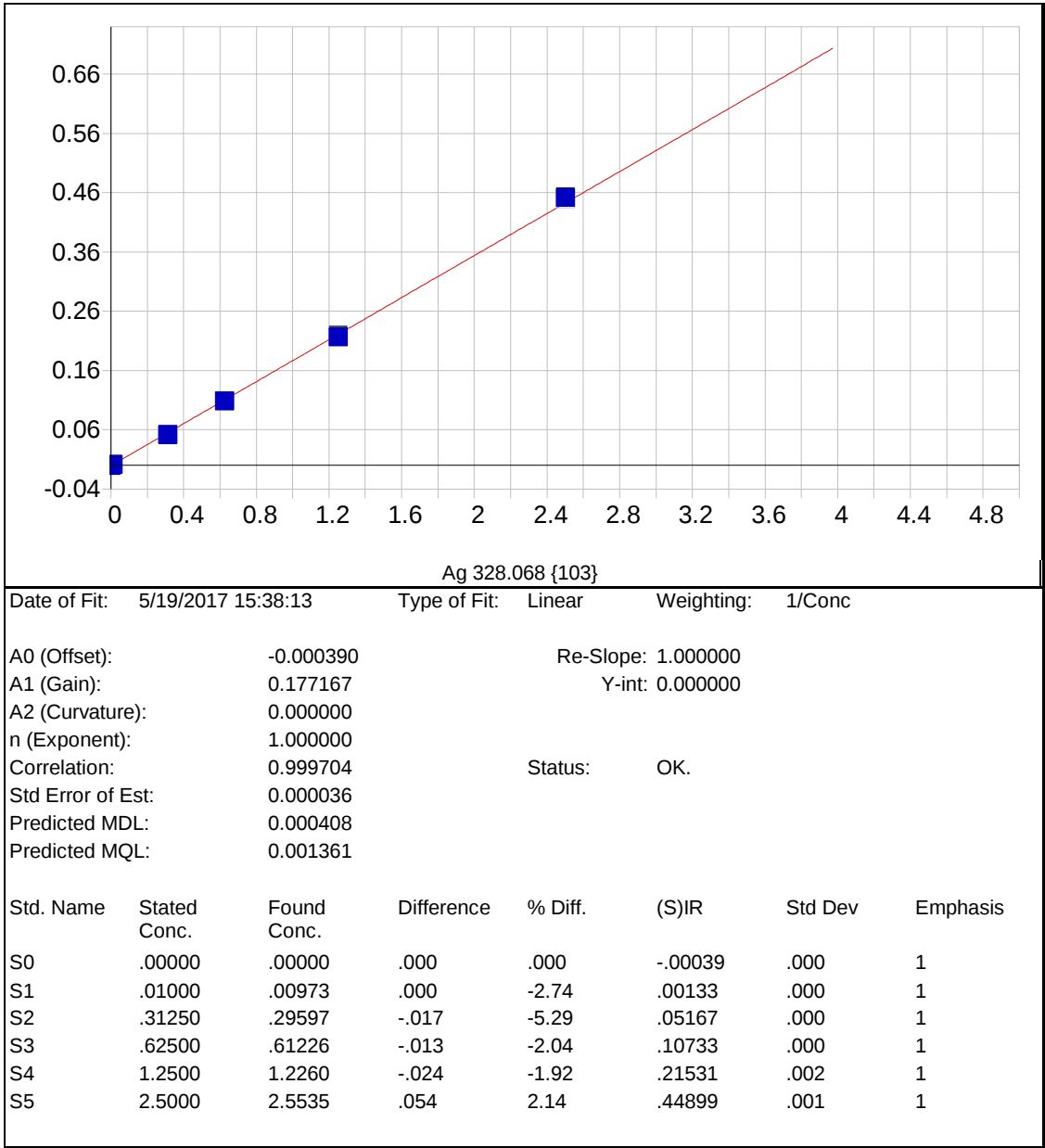


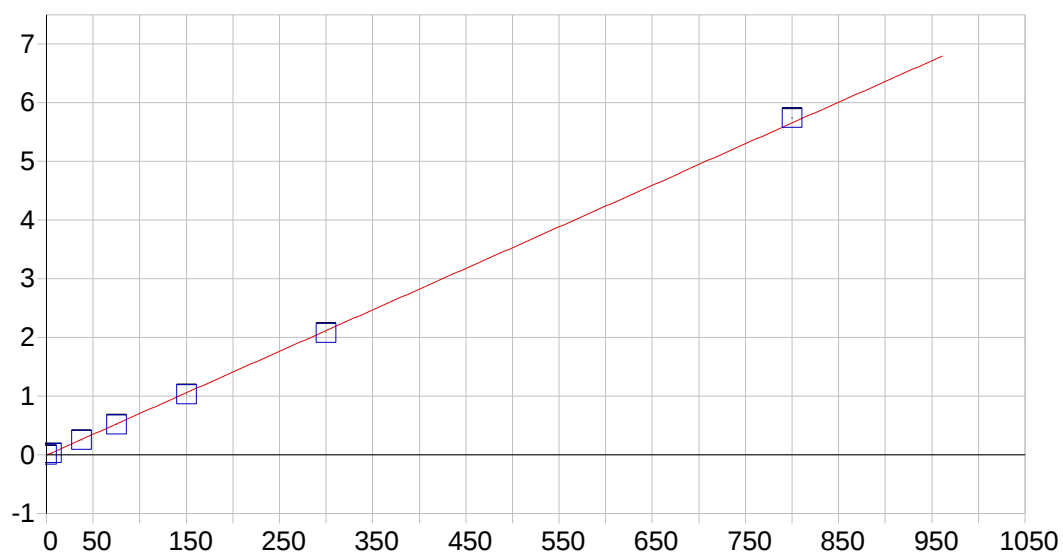
Ni 231.604 {446}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000575 Re-Slope: 1.000000
 A1 (Gain): 0.588615 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000219
 Predicted MDL: 0.000332
 Predicted MQL: 0.001105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00058	.000	1
S1	.04000	.03984	.000	-.405	.02291	.000	1
S2	.62500	.62686	.002	.298	.37034	.001	1
S3	1.2500	1.2876	.038	3.01	.76119	.001	1
S4	2.5000	2.5272	.027	1.09	1.4947	.004	1
S5	5.0000	4.9335	-.067	-1.33	2.9188	.003	1





Na 818.326 { 41}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003570

Re-Slope: 1.000000

A1 (Gain): 0.007074

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999838

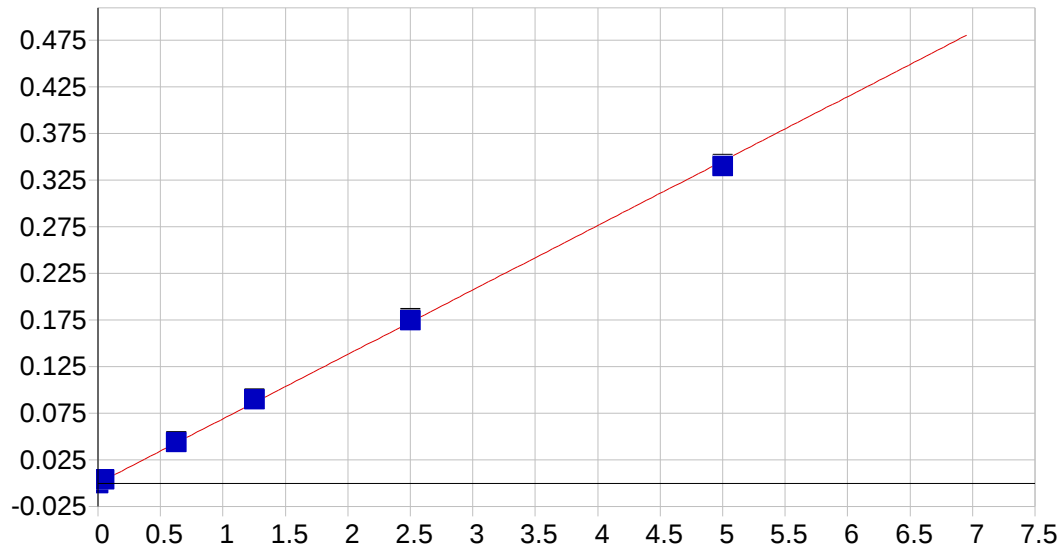
Status: OK.

Std Error of Est: 0.000393

Predicted MDL: 0.200215

Predicted MQL: 0.667383

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00357	.001	1
S1	5.0000	4.9683	-.032	-.634	.03157	.000	1
S2	37.500	35.970	-1.53	-4.08	.25087	.002	1
S3	75.000	73.683	-1.32	-1.76	.51763	.004	1
S4	150.00	146.55	-3.45	-2.30	1.0330	.005	1
S5	300.00	294.48	-5.52	-1.84	2.0795	.005	1
S6	800.00	811.85	11.9	1.48	5.7392	.009	1



V 292.402 {115}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000066

Re-Slope: 1.000000

A1 (Gain): 0.069129

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999808

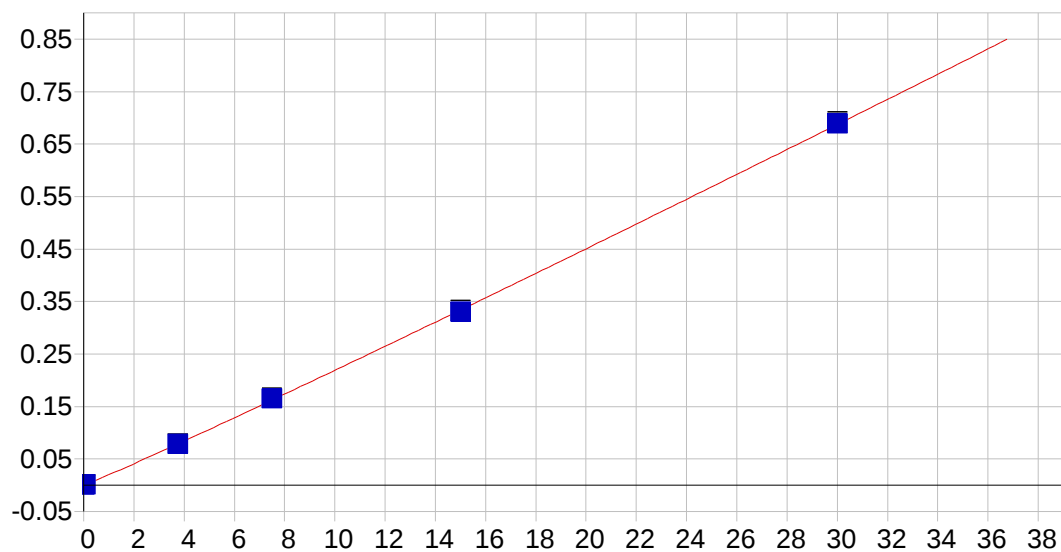
Status: OK.

Std Error of Est: 0.000036

Predicted MDL: 0.004139

Predicted MQL: 0.013798

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00007	.000	1
S1	.05000	.05342	.003	6.84	.00364	.000	1
S2	.62500	.63255	.008	1.21	.04384	.001	1
S3	1.2500	1.2970	.047	3.76	.08995	.000	1
S4	2.5000	2.5235	.024	.941	.17510	.002	1
S5	5.0000	4.9185	-.081	-1.63	.34138	.001	1



Zn 213.856 {158}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000073

Re-Slope: 1.000000

A1 (Gain): 0.019952

Y-int: 0.000000

A2 (Curvature): 0.000001

n (Exponent): 1.040000

Correlation: 0.999953

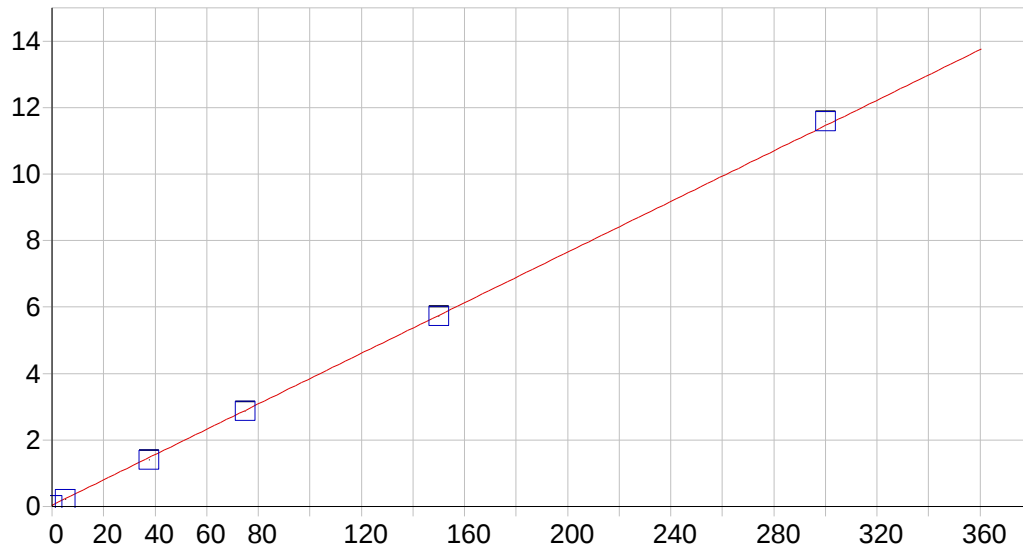
Status: Warning Positive Curvature

Std Error of Est: 0.000022

Predicted MDL: 0.019936

Predicted MQL: 0.066455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00007	.000	1
S1	.06000	.05031	-.010	-16.1	.00082	.000	1
S2	3.7500	3.7368	-.013	-.353	.07872	.001	1
S3	7.5000	7.6345	.134	1.79	.16561	.001	1
S4	15.000	14.843	-.157	-1.04	.33092	.003	1
S5	30.000	30.045	.045	.149	.68984	.003	1

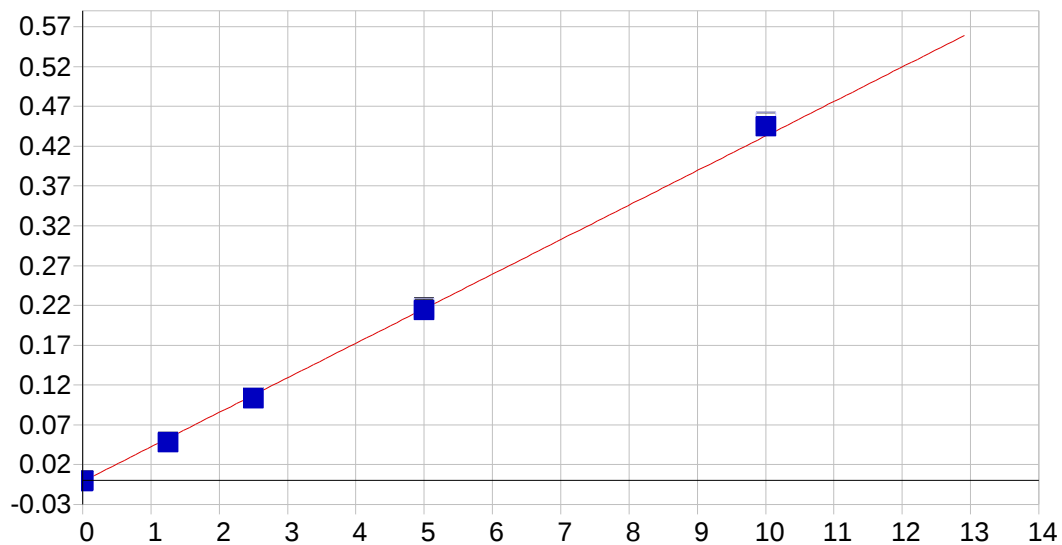


K 769.896 { 44}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.039416	Re-Slope: 1.000000
A1 (Gain):	0.038065	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999867	Status: OK.
Std Error of Est:	0.001281	
Predicted MDL:	0.038827	
Predicted MQL:	0.129425	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.000	.000	.03944	.001	1
S1	5.0000	4.7602	-.240	-4.80	.22061	.001	1
S2	37.500	35.680	-1.82	-4.85	1.3976	.002	1
S3	75.000	74.222	-.778	-1.04	2.8647	.012	1
S4	150.00	149.36	-.644	-.429	5.7246	.017	1
S5	300.00	303.48	3.48	1.16	11.591	.008	1



P 177.495 {490}

Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001015

Re-Slope: 1.000000

A1 (Gain): 0.043371

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999352

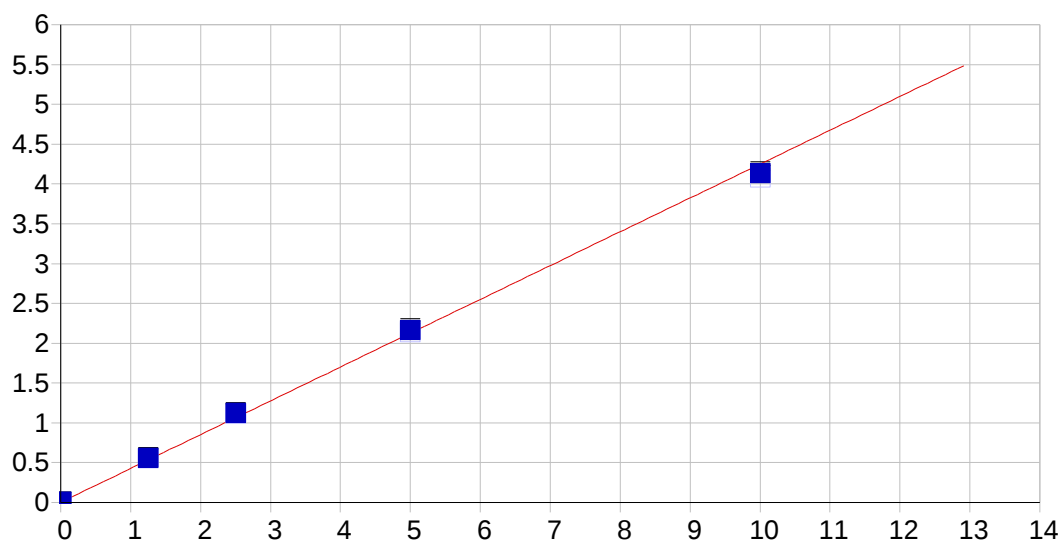
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.002154

Predicted MQL: 0.007179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00101	.000	1
S1	.01000	.01154	.002	15.4	-.00051	.000	1
S2	1.2500	1.1222	-.128	-10.2	.04836	.000	1
S3	2.5000	2.3988	-.101	-4.05	.10443	.000	1
S4	5.0000	4.9586	-.041	-.829	.21685	.001	1
S5	10.000	10.269	.269	2.69	.44997	.000	1

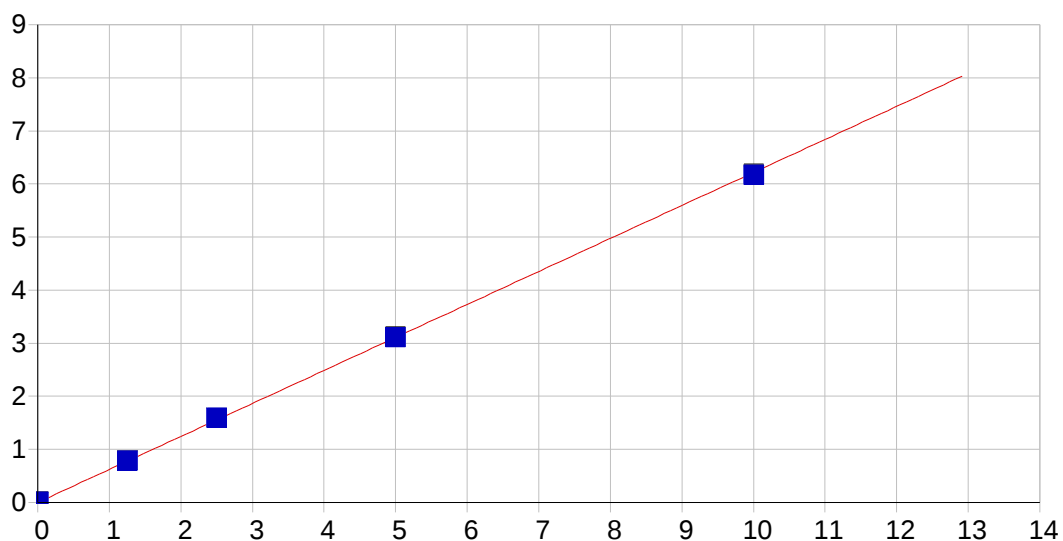


B 249.678 {135}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002842 Re-Slope: 1.000000
 A1 (Gain): 0.424642 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999472 Status: OK.
 Std Error of Est: 0.000228
 Predicted MDL: 0.001032
 Predicted MQL: 0.003441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00284	.000	1
S1	.01000	.01091	.001	9.12	.00749	.000	1
S2	1.2500	1.3040	.054	4.32	.54993	.006	1
S3	2.5000	2.6362	.136	5.45	1.1090	.004	1
S4	5.0000	5.0896	.090	1.79	2.1375	.016	1
S5	10.000	9.7193	-.281	-2.81	4.0769	.027	1

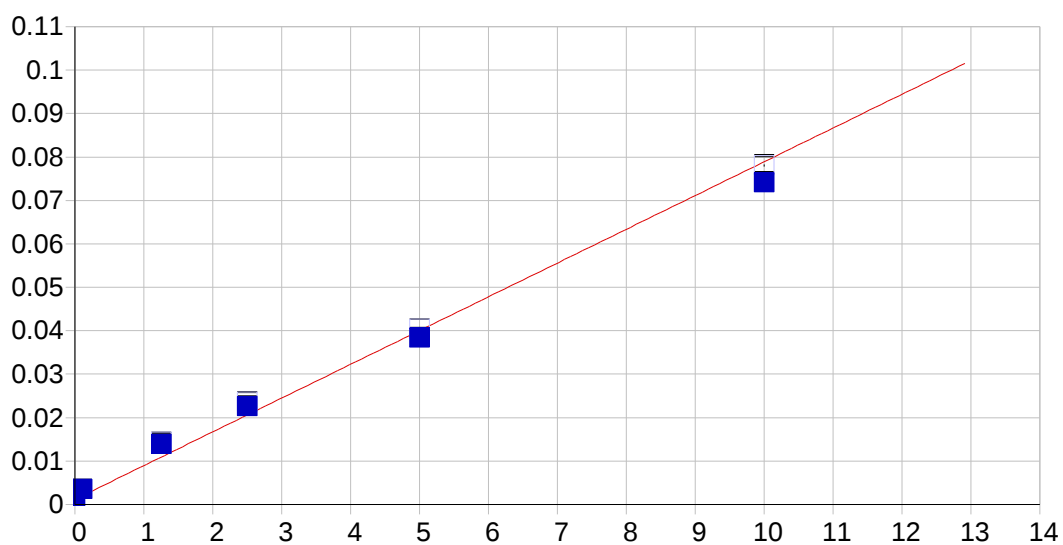


Mo 202.030 {467}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000220 Re-Slope: 1.000000
 A1 (Gain): 0.621685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000268
 Predicted MQL: 0.000895

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.01040	.000	3.98	.00670	.000	1
S2	1.2500	1.2641	.014	1.13	.78678	.003	1
S3	2.5000	2.5664	.066	2.66	1.5971	.003	1
S4	5.0000	5.0023	.002	.046	3.1129	.005	1
S5	10.000	9.9168	-.083	-.832	6.1710	.015	1

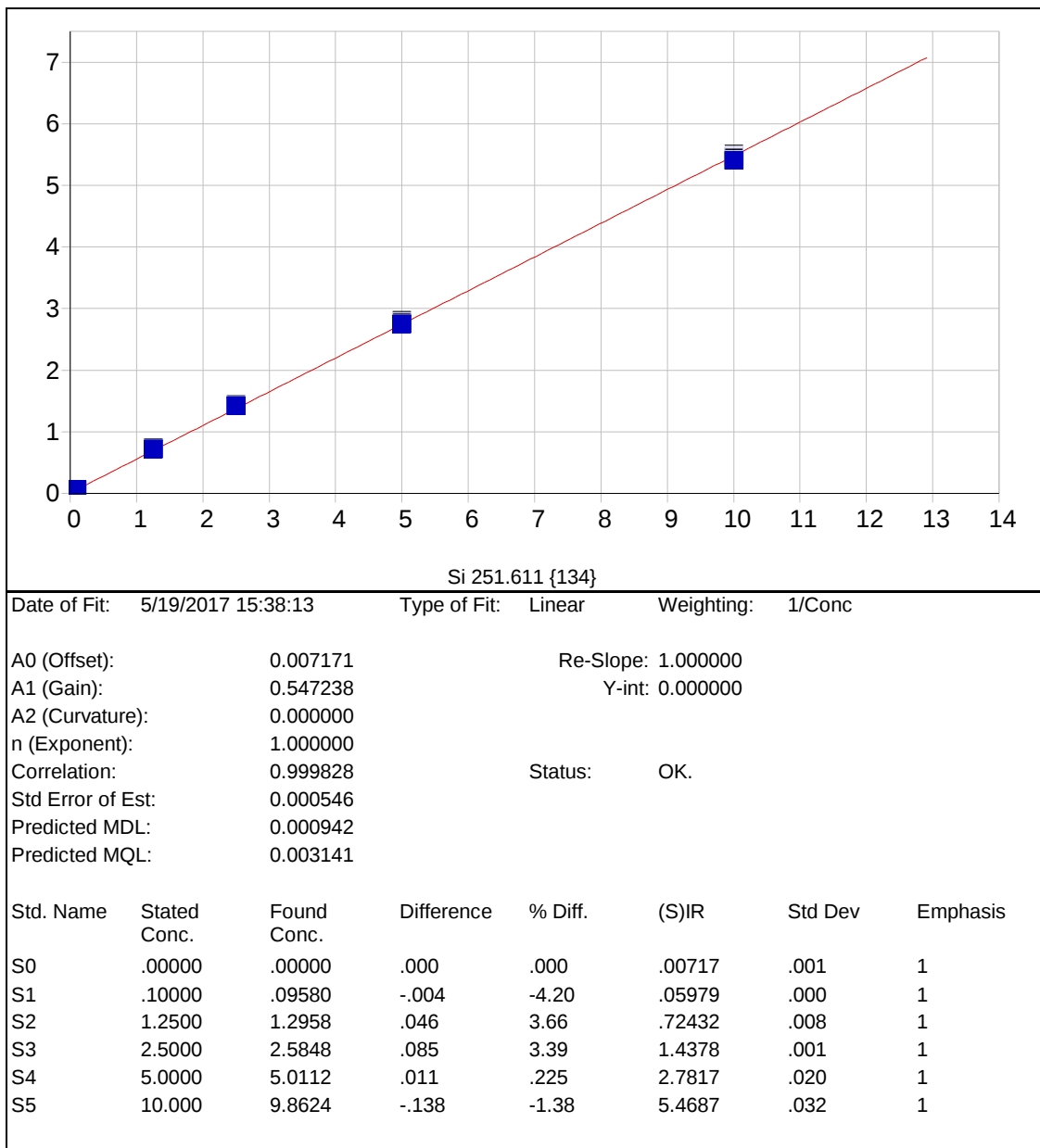


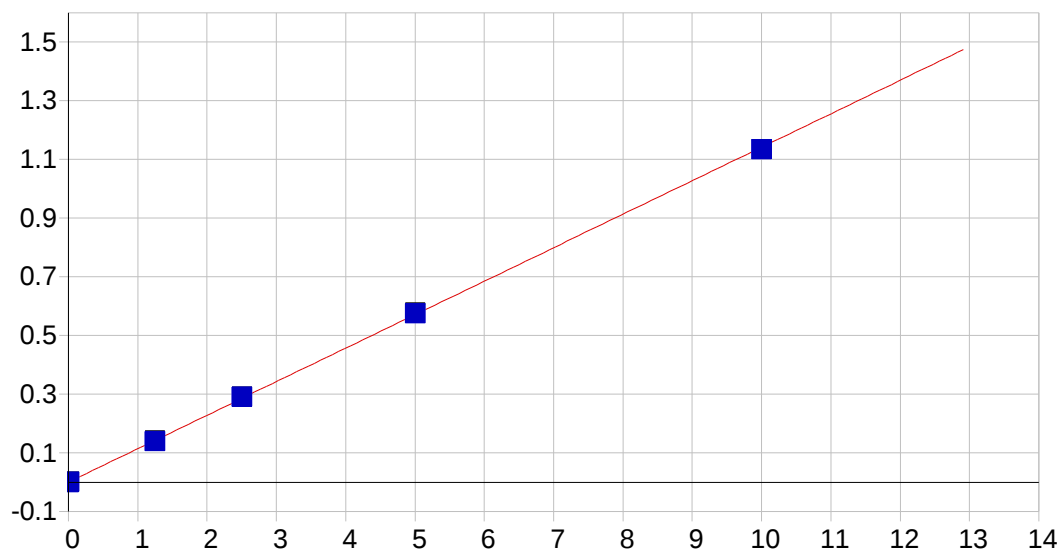
S 182.034 {485}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001181 Re-Slope: 1.000000
 A1 (Gain): 0.007772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.986329 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.010995
 Predicted MQL: 0.036649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	.000	.000	.00118	.000	1
S1	.10000	.29761	.198	198.	.00350	.000	1
S2	1.2500	1.6337	.384	30.7	.01437	.000	1
S3	2.5000	2.7515	.251	10.1	.02355	.000	1
S4	5.0000	4.7918	-.208	-4.16	.04040	.000	1
S5	10.000	9.3845	-.615	-6.15	.07807	.000	1



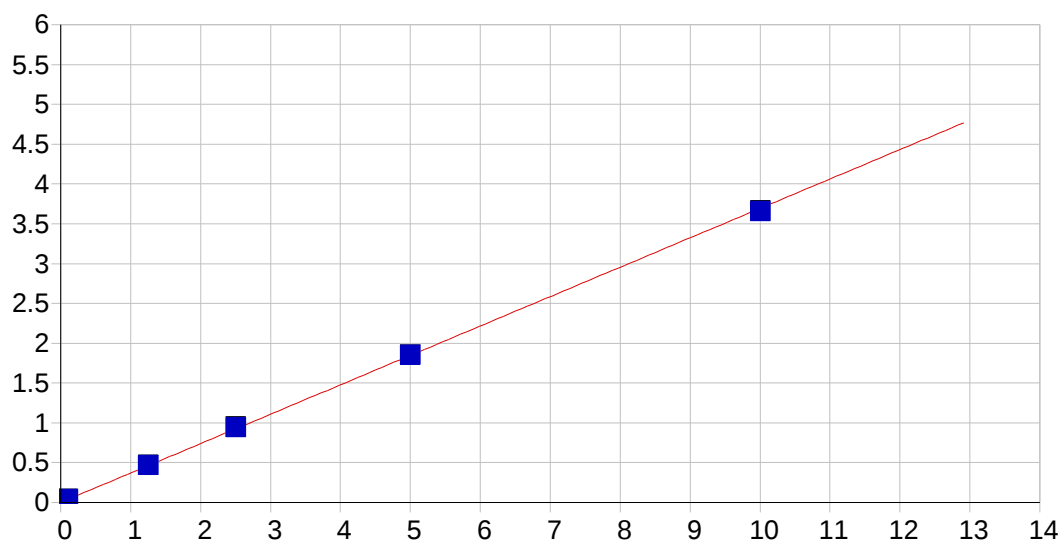


Sn 189.989 {478}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.114177 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.000853
 Predicted MQL: 0.002844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00700	.00695	.000	-.784	.00082	.000	1
S2	1.2500	1.2277	-.022	-1.78	.14011	.000	1
S3	2.5000	2.5446	.045	1.78	.29035	.000	1
S4	5.0000	5.0383	.038	.765	.57485	.001	1
S5	10.000	9.9395	-.060	-.605	1.1340	.000	1

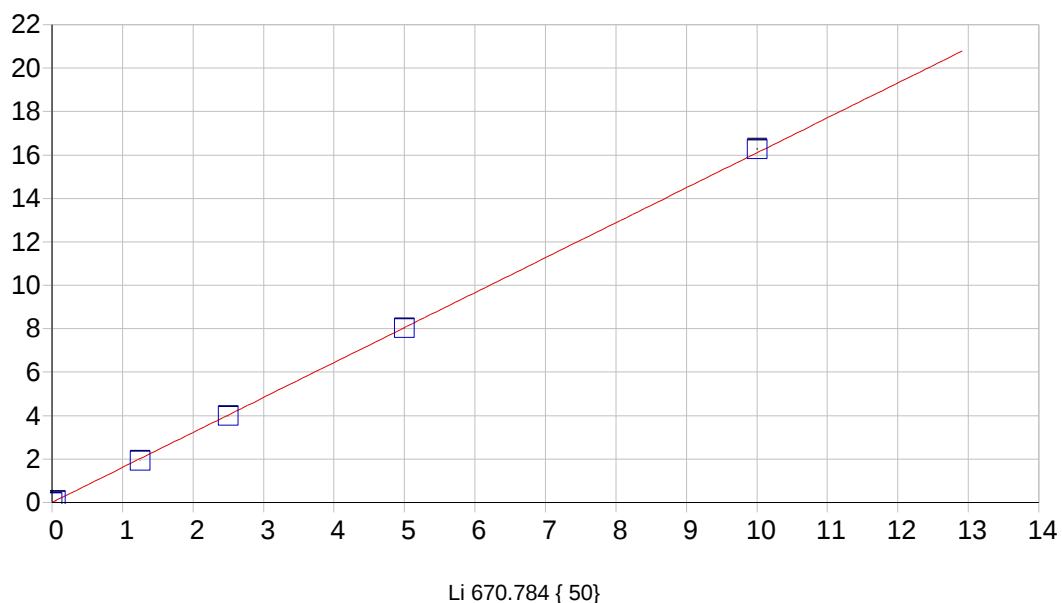


Ti 336.121 {100}

Date of Fit: 5/19/2017 15:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000568 Re-Slope: 1.000000
 A1 (Gain): 0.369269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000252
 Predicted MDL: 0.001156
 Predicted MQL: 0.003854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00057	.000	1
S1	.10000	.10431	.004	4.31	.03908	.000	1
S2	1.2500	1.2644	.014	1.15	.46731	.002	1
S3	2.5000	2.5629	.063	2.52	.94666	.004	1
S4	5.0000	5.0222	.022	.444	1.8545	.007	1
S5	10.000	9.8962	-.104	-1.04	3.6537	.013	1



Date of Fit: 5/19/2017 15:38:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006104

Re-Slope: 1.000000

A1 (Gain): 1.609386

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999886

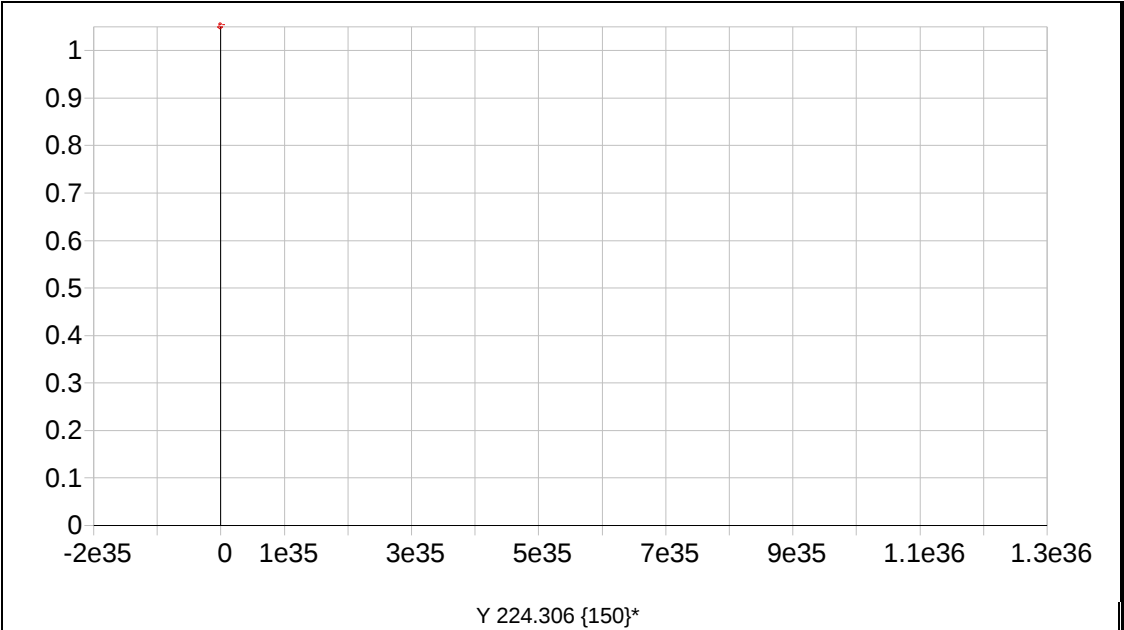
Status: OK.

Std Error of Est: 0.000913

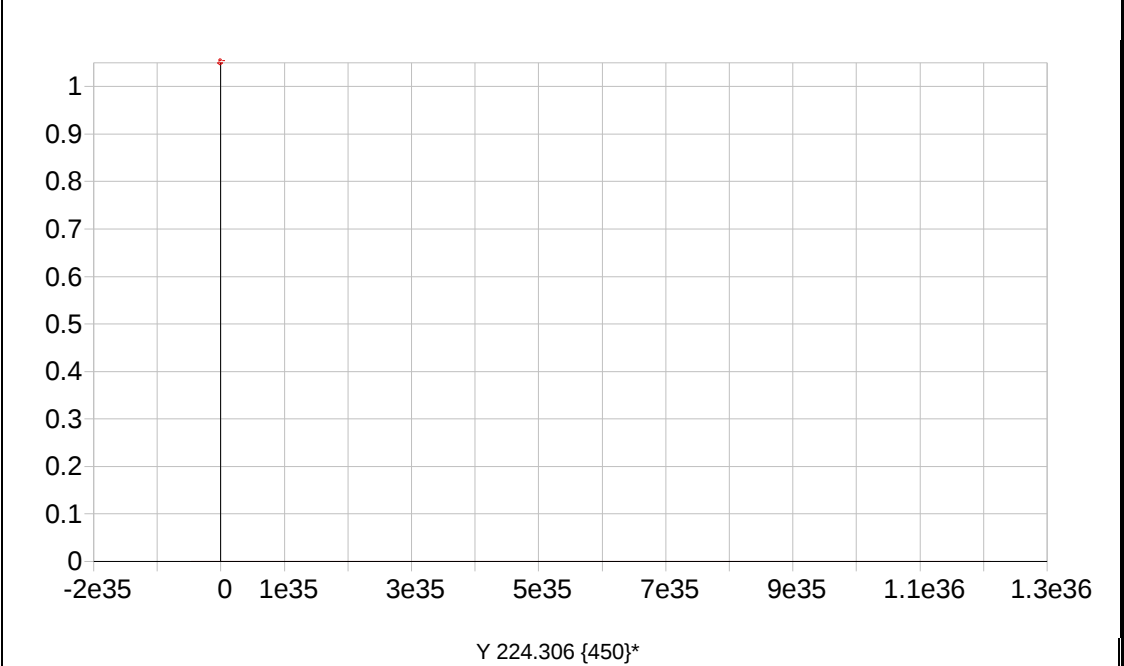
Predicted MDL: 0.000920

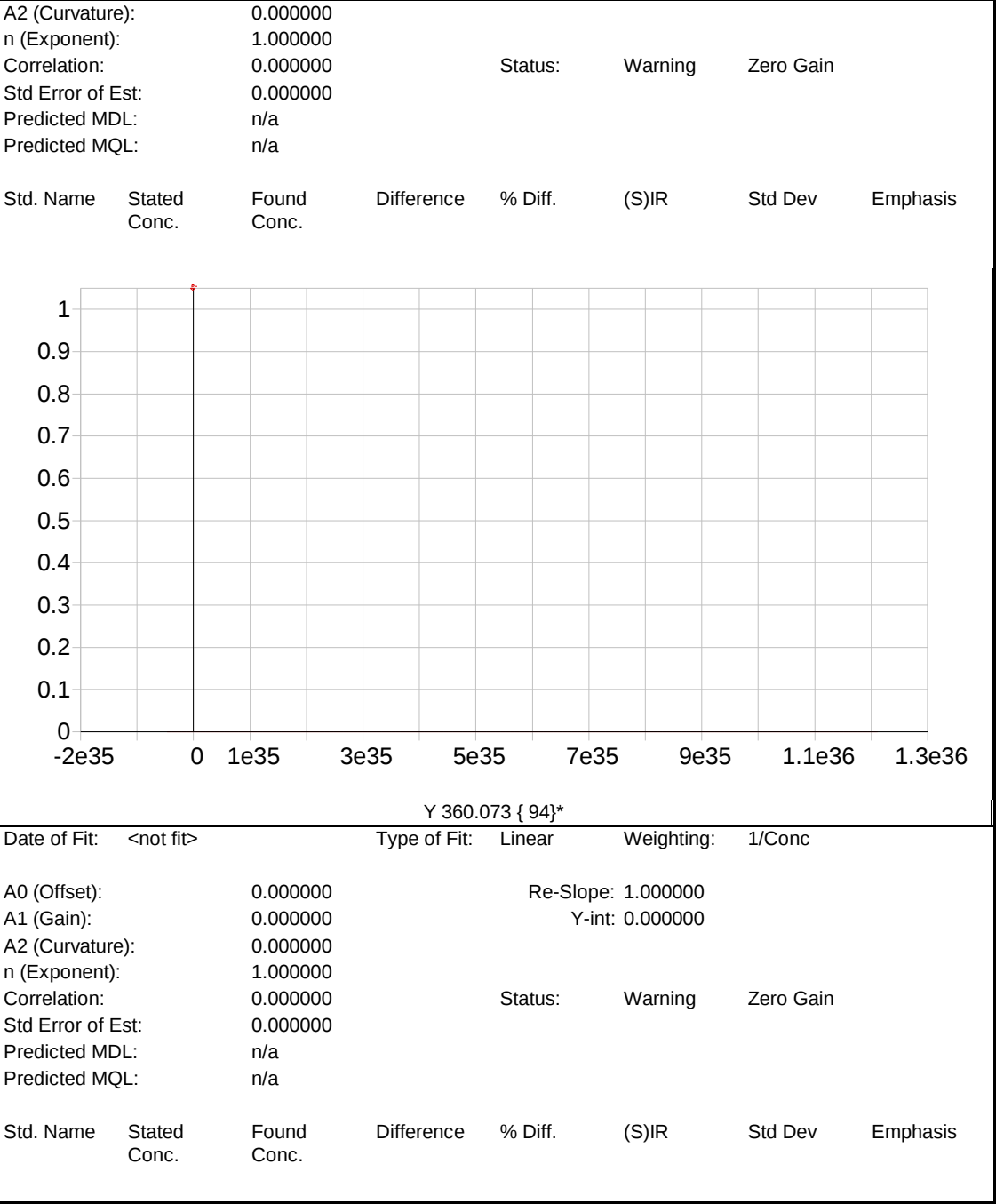
Predicted MQL: 0.003068

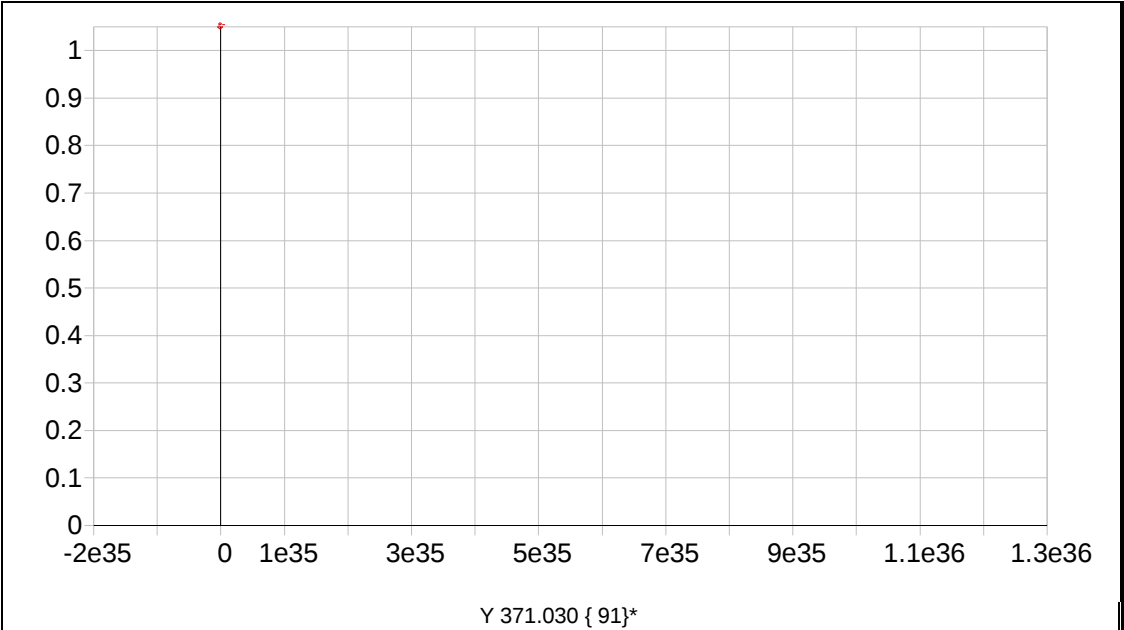
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00611	.001	1
S5	10.000	10.107	.107	1.07	16.272	.039	1
S4	5.0000	4.9808	-.019	-.383	8.0222	.013	1
S3	2.5000	2.4712	-.029	-1.15	3.9832	.011	1
S2	1.2500	1.1945	-.055	-4.44	1.9286	.005	1
S1	.05000	.04626	-.004	-7.48	.08055	.001	1



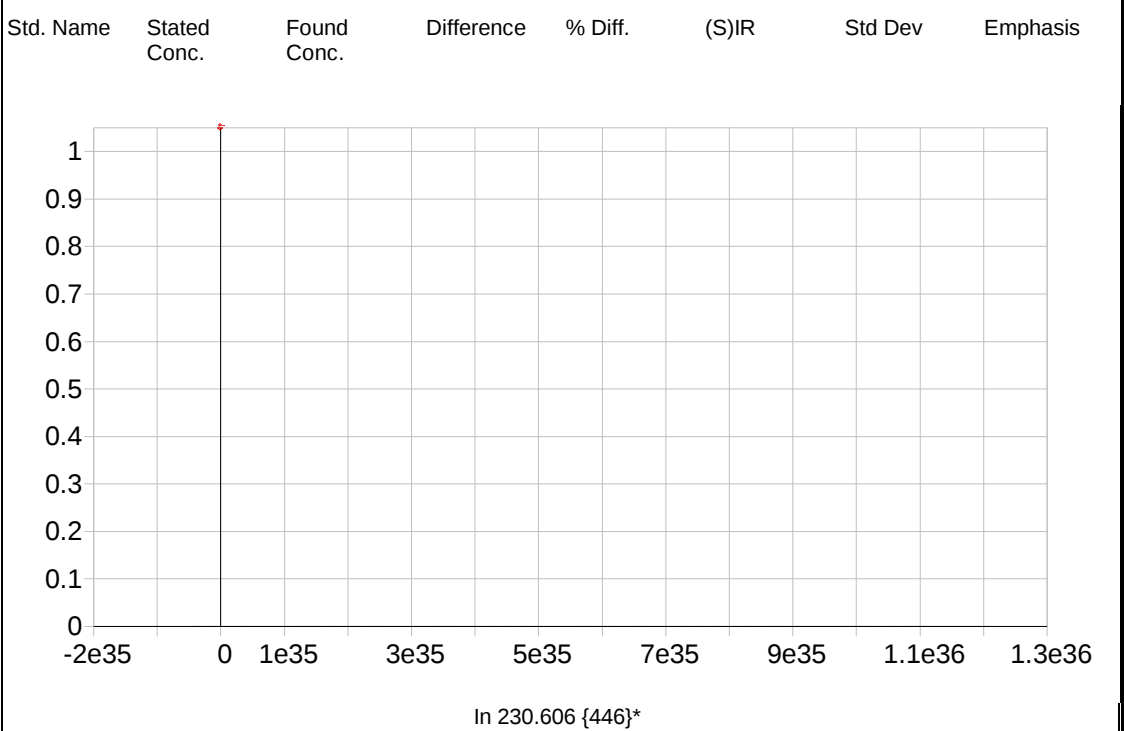
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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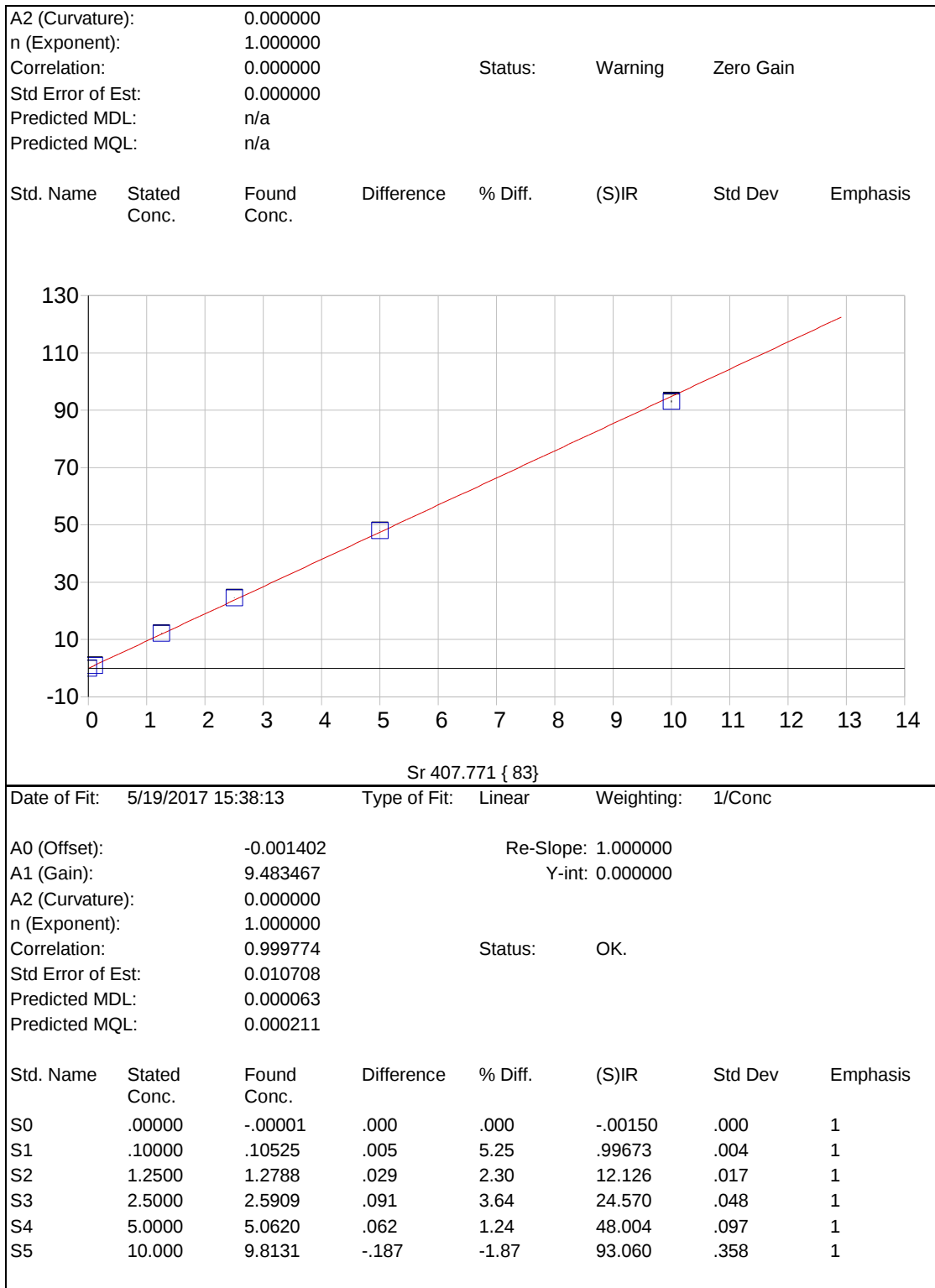




A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	



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



Sample Name: S0 Acquired: 5/19/2017 15:04:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	-.00015	-.00022	.00019	.00025	-.00009	.00029	-.05530	-.00214
Stddev	.00010	.00011	.00010	.00012	.00005	.00027	.00115	.00013
%RSD	68.883	47.094	53.842	48.386	55.767	91.714	2.0744	5.9880

#1	-.00005	-.00024	.00030	.00011	-.00004	.00005	-.05662	-.00228
#2	-.00015	-.00032	.00018	.00029	-.00015	.00025	-.05451	-.00203
#3	-.00025	-.00011	.00009	.00034	-.00009	.00058	-.05477	-.00212

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	.00021	.00123	.00006	-.00014	.00105	.00018	-.00031	-.00029
Stddev	.00008	.00033	.00004	.00011	.00018	.00029	.00007	.00011
%RSD	36.273	27.041	60.963	80.514	17.356	161.03	22.869	38.045

#1	.00016	.00113	.00005	-.00026	.00119	-.00003	-.00032	-.00041
#2	.00017	.00159	.00003	-.00005	.00113	.00050	-.00023	-.00022
#3	.00029	.00095	.00010	-.00010	.00085	.00005	-.00037	-.00023

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	-.00058	-.00039	-.00357	-.00007	-.00007	.03944	-.00101	.00284
Stddev	.00014	.00003	.00078	.00015	.00023	.00057	.00006	.00035
%RSD	24.281	8.6561	21.898	224.84	319.37	1.4555	5.9484	12.447

#1	-.00048	-.00042	-.00308	-.00023	-.00030	.03924	-.00095	.00280
#2	-.00051	-.00040	-.00315	-.00003	-.00009	.04008	-.00106	.00322
#3	-.00074	-.00035	-.00447	.00006	.00017	.03898	-.00104	.00251

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00022	.00118	.00717	.00004	.00057	.00611	-.00150	
Stddev	.00011	.00008	.00081	.00016	.00018	.00083	.00024	
%RSD	49.464	7.1380	11.322	368.82	31.402	13.632	15.903	

#1	.00030	.00109	.00638	.00020	.00074	.00697	-.00125	
#2	.00026	.00119	.00712	-.00012	.00058	.00531	-.00153	
#3	.00010	.00126	.00801	.00005	.00038	.00606	-.00173	

Sample Name: S0 Acquired: 5/19/2017 15:04:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	1896.4	2804.6	58420.	4827.0	4044.5
Stddev	11.2	36.1	383.	32.3	35.4
%RSD	.58936	1.2858	.65597	.66822	.87615
#1	1884.5	2773.4	58101.	4789.8	4017.1
#2	1898.2	2796.3	58315.	4844.0	4031.8
#3	1906.6	2844.1	58845.	4847.2	4084.5

Sample Name: S1 Acquired: 5/19/2017 15:08:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.00031	.00193	.00208	.00200	.01046	.01751	.78420	.03156
Stddev	.00005	.00015	.00022	.00011	.00008	.00022	.00611	.00036
%RSD	14.804	7.9828	10.461	5.6218	.72164	1.2442	.77890	1.1264

#1	.00026	.00177	.00221	.00212	.01046	.01771	.78678	.03154
#2	.00034	.00195	.00220	.00190	.01054	.01755	.77722	.03192
#3	.00033	.00208	.00183	.00197	.01039	.01728	.78859	.03121

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	.00805	.21260	.00133	.02968	.00535	.00149	.00399	.02404
Stddev	.00013	.00011	.00002	.00015	.00010	.00014	.00008	.00012
%RSD	1.5710	.05065	1.1591	.49596	1.9446	9.6554	1.9253	.50716

#1	.00806	.21270	.00131	.02968	.00523	.00166	.00393	.02393
#2	.00792	.21261	.00134	.02953	.00538	.00140	.00408	.02401
#3	.00817	.21249	.00134	.02982	.00543	.00142	.00396	.02417

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	.02291	.00133	.03157	.00364	.00082	.22061	-.00051	.00749
Stddev	.00015	.00001	.00027	.00009	.00036	.00138	.00009	.00039
%RSD	.67166	.53368	.87075	2.3626	43.324	.62475	17.652	5.1922

#1	.02306	.00134	.03157	.00373	.00119	.22012	-.00042	.00737
#2	.02276	.00132	.03185	.00361	.00048	.22217	-.00060	.00792
#3	.02290	.00133	.03130	.00357	.00080	.21954	-.00050	.00717

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	.00670	.00350	.05979	.00082	.03908	.08055	.99673	
Stddev	.00018	.00003	.00005	.00008	.00030	.00059	.00389	
%RSD	2.6934	.99334	.08761	9.8457	.77683	.73829	.39042	

#1	.00680	.00353	.05984	.00092	.03893	.08015	.99408	
#2	.00649	.00346	.05974	.00078	.03943	.08124	.99491	
#3	.00680	.00349	.05981	.00077	.03888	.08027	1.0012	

Sample Name: S1 Acquired: 5/19/2017 15:08:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	1895.5	2783.6	58182.	4843.5	3941.5
Stddev	6.6	7.3	174.	23.2	10.0
%RSD	.34765	.26079	.29865	.47937	.25380
#1	1889.2	2775.5	58018.	4857.3	3931.1
#2	1894.9	2789.6	58364.	4856.5	3951.0
#3	1902.3	2785.6	58164.	4816.7	3942.2

Sample Name: S2 Acquired: 5/19/2017 15:12:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.05910	.10303	1.1581	.06740	.21818	3.2618	10.283	.79595
Stddev	.00033	.00045	.0018	.00020	.00086	.0031	.034	.00931
%RSD	.56010	.44071	.15349	.28969	.39588	.09583	.33370	1.1699

#1	.05943	.10325	1.1577	.06730	.21803	3.2612	10.322	.78521
#2	.05911	.10250	1.1565	.06727	.21740	3.2591	10.256	.80174
#3	.05877	.10332	1.1600	.06762	.21911	3.2652	10.272	.80091

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	.98254	2.5965	.47600	.38545	.69088	.49000	.98060	.30010
Stddev	.00229	.0076	.00144	.00058	.00113	.00225	.00163	.00137
%RSD	.23268	.29377	.30242	.14992	.16300	.45895	.16578	.45783

#1	.98368	2.5882	.47439	.38587	.69211	.48741	.97875	.29858
#2	.97991	2.5983	.47646	.38479	.68990	.49113	.98126	.30045
#3	.98403	2.6031	.47716	.38568	.69062	.49147	.98179	.30126

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	.37034	.05167	.25087	.04384	.07872	1.3976	.04836	.54993
Stddev	.00054	.00007	.00222	.00079	.00063	.0022	.00028	.00552
%RSD	.14564	.14496	.88534	1.8057	.79569	.16021	.57109	1.0043

#1	.37013	.05166	.24840	.04328	.07805	1.3955	.04844	.54371
#2	.36994	.05175	.25149	.04350	.07929	1.3972	.04805	.55184
#3	.37096	.05160	.25271	.04475	.07882	1.4000	.04858	.55425

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	.78678	.01437	.72432	.14011	.46731	1.9286	12.126	
Stddev	.00285	.00008	.00836	.00014	.00161	.0054	.017	
%RSD	.36242	.54335	1.1540	.10150	.34544	.28209	.13619	

#1	.78850	.01445	.71503	.14027	.46776	1.9323	12.139	
#2	.78349	.01437	.72670	.13999	.46865	1.9223	12.107	
#3	.78835	.01429	.73124	.14007	.46552	1.9311	12.131	

Sample Name: S2 Acquired: 5/19/2017 15:12:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	1756.4	2588.2	54384.	4712.9	3376.7
Stddev	16.1	9.1	312.	17.3	8.7
%RSD	.91797	.35087	.57450	.36659	.25843
#1	1740.0	2578.8	54041.	4732.3	3366.7
#2	1757.1	2596.9	54460.	4699.1	3382.6
#3	1772.2	2589.1	54652.	4707.4	3380.8

Sample Name: S3 Acquired: 5/19/2017 15:16:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.12227	.20739	2.3725	.13776	.44831	6.6813	21.126	1.6102
Stddev	.00032	.00033	.0038	.00058	.00099	.0166	.072	.0046
%RSD	.25764	.16091	.15852	.42420	.22057	.24781	.34069	.28638

#1	.12233	.20714	2.3758	.13739	.44841	6.6936	21.209	1.6076
#2	.12192	.20726	2.3733	.13746	.44728	6.6878	21.081	1.6155
#3	.12254	.20777	2.3684	.13843	.44925	6.6624	21.089	1.6075

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0209	5.2383	.94921	.79743	1.3997	.98358	1.9583	.61913
Stddev	.0003	.0156	.00172	.00098	.0044	.00689	.0076	.00255
%RSD	.01541	.29717	.18127	.12345	.31187	.70064	.38678	.41116

#1	2.0209	5.2231	.95114	.79793	1.4030	.98394	1.9499	.61971
#2	2.0205	5.2542	.94783	.79629	1.4015	.99029	1.9645	.62134
#3	2.0211	5.2377	.94865	.79806	1.3948	.97652	1.9606	.61635

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	.76119	.10733	.51763	.08995	.16561	2.8647	.10443	1.1090
Stddev	.00096	.00036	.00360	.00047	.00098	.0122	.00017	.0043
%RSD	.12643	.33114	.69543	.52158	.58970	.42550	.16059	.39162

#1	.76025	.10760	.51934	.09027	.16576	2.8707	.10426	1.1051
#2	.76217	.10692	.52007	.09017	.16650	2.8727	.10442	1.1137
#3	.76114	.10746	.51350	.08941	.16456	2.8506	.10459	1.1082

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	1.5971	.02355	1.4378	.29035	.94666	3.9832	24.570	
Stddev	.0028	.00013	.0014	.00007	.00406	.0114	.048	
%RSD	.17370	.53466	.09447	.02548	.42939	.28597	.19681	

#1	1.5974	.02341	1.4367	.29037	.94503	3.9963	24.573	
#2	1.5942	.02362	1.4393	.29027	.95129	3.9778	24.616	
#3	1.5997	.02363	1.4373	.29042	.94366	3.9756	24.520	

Sample Name: S3 Acquired: 5/19/2017 15:16:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	1673.8	2464.3	52419.	4616.3	3112.3
Stddev	2.9	6.4	117.	20.5	4.4
%RSD	.17524	.26035	.22256	.44453	.14263
#1	1670.9	2461.4	52351.	4623.7	3108.3
#2	1673.9	2471.6	52353.	4593.1	3117.1
#3	1676.8	2459.8	52554.	4632.2	3111.5

Sample Name: S4 Acquired: 5/19/2017 15:20:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.24693	.39915	4.7131	.27247	.90223	13.305	41.554	3.1422
Stddev	.00034	.00135	.0123	.00089	.00174	.045	.055	.0160
%RSD	.13778	.33813	.26040	.32491	.19246	.34191	.13260	.50813

#1	.24720	.39917	4.7088	.27349	.90375	13.269	41.501	3.1579
#2	.24703	.40049	4.7269	.27198	.90034	13.356	41.611	3.1427
#3	.24655	.39779	4.7035	.27193	.90261	13.289	41.549	3.1260

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	3.9817	10.213	1.8091	1.5795	2.7587	1.8939	3.7472	1.2375
Stddev	.0123	.046	.0219	.0033	.0021	.0072	.0091	.0052
%RSD	.30932	.45394	1.2123	.20769	.07764	.37887	.24383	.41806

#1	3.9812	10.236	1.8187	1.5797	2.7573	1.8903	3.7536	1.2362
#2	3.9942	10.243	1.7840	1.5827	2.7612	1.9021	3.7514	1.2432
#3	3.9696	10.159	1.8245	1.5762	2.7576	1.8892	3.7368	1.2331

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	1.4947	.21531	1.0330	.17510	.33092	5.7246	.21685	2.1375
Stddev	.0037	.00213	.0052	.00196	.00302	.0171	.00056	.0164
%RSD	.24433	.99085	.50342	1.1170	.91354	.29916	.25967	.76657

#1	1.4984	.21642	1.0305	.17597	.33339	5.7144	.21706	2.1546
#2	1.4948	.21285	1.0390	.17646	.32755	5.7444	.21728	2.1358
#3	1.4910	.21666	1.0296	.17286	.33183	5.7150	.21621	2.1220

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	3.1129	.04040	2.7817	.57485	1.8545	8.0222	48.004	
Stddev	.0050	.00005	.0204	.00146	.0071	.0134	.097	
%RSD	.16147	.12151	.73243	.25435	.38143	.16742	.20153	

#1	3.1170	.04045	2.8040	.57499	1.8509	8.0070	47.953	
#2	3.1073	.04035	2.7772	.57623	1.8626	8.0324	48.115	
#3	3.1144	.04039	2.7640	.57332	1.8499	8.0271	47.944	

Sample Name: S4 Acquired: 5/19/2017 15:20:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	1591.9	2317.5	50671.	4527.6	2833.5
Stddev	11.6	5.5	428.	28.3	6.1
%RSD	.72682	.23673	.84505	.62554	.21370
#1	1580.1	2312.1	50445.	4509.6	2830.2
#2	1603.2	2323.0	51165.	4513.1	2829.9
#3	1592.4	2317.4	50403.	4560.3	2840.5

Sample Name: S5 Acquired: 5/19/2017 15:24:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.51203	.76642	9.3139	.55349	1.8694	26.782	80.883	6.2339
Stddev	.00121	.00160	.0066	.00196	.0018	.068	.320	.0305
%RSD	.23709	.20819	.07131	.35467	.09344	.25351	.39511	.48858

#1	.51161	.76612	9.3094	.55172	1.8714	26.836	80.565	6.1990
#2	.51108	.76814	9.3107	.55315	1.8681	26.804	81.204	6.2552
#3	.51340	.76499	9.3215	.55560	1.8686	26.706	80.881	6.2475

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	7.7759	20.049	3.4604	3.1171	5.5062	3.6797	7.1572	2.4921
Stddev	.0127	.060	.0064	.0035	.0086	.0094	.0214	.0085
%RSD	.16356	.29888	.18448	.11242	.15671	.25605	.29955	.34115

#1	7.7739	20.073	3.4675	3.1161	5.5154	3.6689	7.1631	2.4827
#2	7.7643	20.094	3.4551	3.1142	5.5048	3.6861	7.1751	2.4991
#3	7.7895	19.981	3.4588	3.1209	5.4983	3.6842	7.1335	2.4946

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	2.9188	.44899	2.0795	.34138	.68984	11.591	.44997	4.0769
Stddev	.0030	.00087	.0046	.00116	.00332	.008	.00028	.0266
%RSD	.10265	.19398	.22273	.34041	.48179	.07151	.06113	.65129

#1	2.9160	.44994	2.0812	.34260	.68927	11.601	.45006	4.0462
#2	2.9185	.44880	2.0830	.34125	.69342	11.585	.45019	4.0929
#3	2.9220	.44823	2.0743	.34028	.68684	11.589	.44966	4.0915

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	6.1710	.07807	5.4687	1.1340	3.6537	16.272	93.060	
Stddev	.0153	.00025	.0322	.0002	.0130	.039	.358	
%RSD	.24746	.32311	.58858	.02115	.35562	.24026	.38430	

#1	6.1720	.07805	5.4322	1.1339	3.6643	16.317	92.769	
#2	6.1552	.07833	5.4806	1.1339	3.6575	16.246	93.460	
#3	6.1857	.07783	5.4932	1.1343	3.6392	16.254	92.952	

Sample Name: S5 Acquired: 5/19/2017 15:24:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	1440.8	2109.3	47733.	4401.9	2530.2
Stddev	6.9	5.9	40.	23.6	3.4
%RSD	.47623	.27905	.08345	.53622	.13391
#1	1442.5	2107.1	47694.	4426.2	2527.8
#2	1433.3	2116.0	47732.	4379.0	2534.1
#3	1446.8	2104.9	47774.	4400.5	2528.8

Sample Name: S6 Acquired: 5/19/2017 15:28:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	73.147	33.552	9.6097	4.0751	5.7392
Stddev	.473	.072	.0086	.0081	.0095
%RSD	.64706	.21320	.08985	.19988	.16507

#1	72.630	33.634	9.6078	4.0737	5.7500
#2	73.253	33.503	9.6191	4.0838	5.7325
#3	73.559	33.519	9.6022	4.0677	5.7350

Int. Std.	Y_3710
Units	Cts/S
Avg	4239.7
Stddev	6.0
%RSD	.14193

#1	4236.4
#2	4236.0
#3	4246.6

Sample Name: ICV Acquired: 5/19/2017 15:32:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.9467579	1.070065	.9672607	.9636006	.9349482	2.348422
Stddev	.0025521	.002076	.0029657	.0052036	.0013944	.009690
%RSD	.2695640	.1939856	.3066043	.5400108	.1491446	.4126366

#1	.9493892	1.068192	.9687071	.9623042	.9349309	2.338350
#2	.9465915	1.072297	.9638494	.9693298	.9363512	2.357680
#3	.9442931	1.069706	.9692257	.9591679	.9335625	2.349237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901472	.4986642	.4593424	9.985666	.5153978	.4633283
Stddev	.0007470	.0036972	.0007616	.027112	.0011860	.0003703
%RSD	.1524048	.7414110	.1657973	.2715108	.2301206	.0799283

#1	.4900137	.4971372	.4584646	9.954360	.5140485	.4631425
#2	.4894760	.5028802	.4597345	10.00123	.5158694	.4630876
#3	.4909520	.4959750	.4598280	10.00141	.5162754	.4637547

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5030831	5.566506	.5293647	5.843309	.4731114	.4604863
Stddev	.0052864	.035640	.0006581	.038797	.0003141	.0015622
%RSD	1.050803	.6402519	.1243133	.6639635	.0663961	.3392569

#1	.4982777	5.526642	.5293459	5.828062	.4733352	.4587913
#2	.5087457	5.595288	.5300319	5.887414	.4732466	.4607990
#3	.5022260	5.577589	.5287162	5.814451	.4727523	.4618685

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.676524	.5341019	1.018197	9.335645	F -.012540	F -.003790
Stddev	.117574	.0050842	.009592	.051934	.001688	.000195
%RSD	1.215043	.9519092	.9420830	.5562978	13.46376	5.134463

#1	9.605385	.5315490	1.021041	9.291058	-.012856	-.004012
#2	9.611954	.5308001	1.026046	9.392668	-.010716	-.003651
#3	9.812234	.5399567	1.007504	9.323208	-.014049	-.003705

Sample Name: ICV Acquired: 5/19/2017 15:32:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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 .0001512	.0049651	-.003928	F .0001060	.0006392	.0020510
Stddev	.0001107	.0042189	.000610	.0002938	.0004821	.0001865
%RSD	73.17768	84.97119	15.53126	277.1273	75.42317	9.093382
#1	.0000430	.0057014	-.003511	-.000022	.0011904	.0022224
#2	.0001465	.0004265	-.003645	-.000102	.0004312	.0020781
#3	.0002641	.0087674	-.004628	.000442	.0002960	.0018524

Elem	Sr4077
Units	ppm
Avg	.0116430
Stddev	.0001213
%RSD	1.041838
#1	.0115061
#2	.0116857
#3	.0117371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.393	2694.556	56889.78	4719.999	3753.577
Stddev	7.839	7.801	36.37	30.579	3.980
%RSD	.4294670	.2895229	.0639241	.6478656	.1060342
#1	1829.895	2686.958	56928.55	4727.321	3749.228
#2	1829.943	2694.164	56884.37	4686.423	3754.465
#3	1816.341	2702.546	56856.42	4746.252	3757.039

Sample Name: ICB Acquired: 5/19/2017 15:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	-.000346	-.000007	-.000481	-.001105	-.000287	.0015440	-.001439
Stddev	.002058	.000307	.000381	.000938	.000721	.0058830	.000433
%RSD	594.0750	4691.940	79.14159	84.91839	251.1211	381.0311	30.06606

#1	-.002715	.000319	-.000405	-.000136	-.000698	-.005129	-.001417
#2	.000671	-.000292	-.000894	-.002008	.000545	.003781	-.001881
#3	.001005	-.000046	-.000144	-.001170	-.000708	.005980	-.001017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000146	-.000037	.0045810	-.000138	-.000125	-.000584	-.009467
Stddev	.0000691	.000031	.0109967	.000306	.000103	.002224	.010449
%RSD	472.6818	82.69888	240.0491	222.6413	82.07205	380.7896	110.3730

#1	.0000933	-.000003	-.004210	.000189	-.000055	-.003078	-.008681
#2	-.000013	-.000064	.001041	-.000419	-.000244	.001194	.000567
#3	-.000036	-.000046	.016912	-.000183	-.000078	.000131	-.020287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012261	.0184206	.0000110	.0002670	-.083337	.0011611	-.021924
Stddev	.0008836	.0430585	.0002583	.0000866	.075288	.0020749	.011449
%RSD	72.06397	233.7519	2352.014	32.42004	90.34153	178.7030	52.22280

#1	.0018016	-.006408	.0001805	.0003664	-.169997	.0035111	-.018212
#2	.0016678	-.006471	-.000286	.0002261	-.034024	-.000418	-.012790
#3	.0002088	.068140	.000139	.0002085	-.045990	.000390	-.034768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0772885	-.002033	.0017197	.0001812	-.004244	-.006724	-.000688
Stddev	.0443007	.001917	.0015173	.0000478	.007827	.000142	.000187
%RSD	57.31858	94.28832	88.22876	26.36657	184.3979	2.110062	27.09708

#1	.0345763	-.002944	-.000002	.0002298	-.013202	-.006798	-.000898
#2	.1230230	.000170	.002863	.0001343	.001272	-.006560	-.000539
#3	.0742663	-.003324	.002298	.0001795	-.000803	-.006813	-.000628

Sample Name: ICB Acquired: 5/19/2017 15:41:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.0017852	-.000489	-.000031
Stddev	.0011931	.001054	.000017
%RSD	66.83136	215.4060	56.56431

#1	.0008877	-.001677	-.000051
#2	.0013288	-.000123	-.000018
#3	.0031391	.000333	-.000024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.232	2685.321	56474.94	4648.791	3849.501
Stddev	2.977	10.313	56.89	14.186	8.126
%RSD	.1649216	.3840651	.1007413	.3051455	.2110993

#1	1807.715	2673.637	56536.68	4633.273	3840.597
#2	1801.931	2693.158	56463.49	4652.008	3851.391
#3	1806.049	2689.168	56424.64	4661.091	3856.517

Sample Name: ICSA Acquired: 5/19/2017 15:55:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	-.005427	-.011686	-.002733	-.023722	-.000967	237.9714
Stddev	.004551	.001738	.000550	.009523	.001427	.5936
%RSD	83.85544	14.86951	20.12484	40.14375	147.6464	.2494570

#1	-.006999	-.010925	-.002129	-.012904	.000633	238.6294
#2	-.000299	-.013674	-.002865	-.027427	-.002110	237.8088
#3	-.008983	-.010458	-.003205	-.030837	-.001424	237.4761

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030506	.0008726	.0034690	240.4644	.0471140	-.000942
Stddev	.0011358	.0000809	.0002124	.4130	.0006304	.000091
%RSD	37.23269	9.266535	6.121288	.1717707	1.337936	9.620628

#1	.0019651	.0009633	.0034749	240.2658	.0478055	-.000911
#2	.0029560	.0008467	.0036783	240.1881	.0469650	-.000870
#3	.0042308	.0008079	.0032538	240.9392	.0465715	-.001044

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189645	106.0285	.0146636	263.2525	.0010072	-.002770
Stddev	.0009587	.2437	.0006185	.3433	.0000911	.000109
%RSD	5.055228	.2298196	4.217879	.1304060	9.047105	3.936163

#1	.0196322	106.0996	.0148248	263.6481	.0010183	-.002750
#2	.0193954	106.2288	.0139805	263.0337	.0010922	-.002673
#3	.0178660	105.7572	.0151855	263.0755	.0009110	-.002888

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2302012	.0004706	-.007702	-.064227	-.011988	F -.290877
Stddev	.0916872	.0033559	.016781	.031652	.001981	.002664
%RSD	39.82917	713.0322	217.8862	49.28108	16.52667	.9158275

#1	.1325512	-.002526	.010001	-.027948	-.009782	-.289880
#2	.3144508	-.000159	-.009731	-.078531	-.013615	-.288856
#3	.2436016	.004097	-.023375	-.086202	-.012568	-.293896

Sample Name: ICSA Acquired: 5/19/2017 15:55:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.0001868	.0547624	-.011384	-.003243	-.000858	.0035212
Stddev	.0001879	.0111809	.000431	.000897	.002065	.0003391
%RSD	100.5758	20.41701	3.784758	27.65799	240.7428	9.630442

#1	.0003712	.0671504	-.011696	-.003579	.000070	.0034098
#2	.0001935	.0454198	-.010893	-.003923	.000581	.0032519
#3	-.000004	.0517171	-.011565	-.002226	-.003224	.0039020

Elem	Sr4077
Units	ppm
Avg	.1017019
Stddev	.0002698
%RSD	.2653219

#1	.1018866
#2	.1018270
#3	.1013923

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1603.158	2387.844	50257.87	4473.266	2960.440
Stddev	9.146	2.836	80.29	15.804	3.779
%RSD	.5704880	.1187574	.1597538	.3532887	.1276473

#1	1594.337	2387.235	50174.92	4460.448	2957.688
#2	1602.540	2385.362	50335.20	4468.426	2958.885
#3	1612.597	2390.935	50263.50	4490.923	2964.749

Sample Name: ICSAB Acquired: 5/19/2017 15:59:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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	.0938143	.1096086	.0481230	.0244531	.5729609	237.5762
Stddev	.0018335	.0035120	.0019184	.0036357	.0050385	.4642
%RSD	1.954393	3.204121	3.986541	14.86794	.8793752	.1953758

#1	.0939012	.1126368	.0459218	.0226039	.5787225	237.6416
#2	.0919389	.1057586	.0494392	.0286416	.5707794	237.0828
#3	.0956028	.1104303	.0490082	.0221137	.5693807	238.0042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4928513	.5036972	.9733301	240.9709	.5571517	.4899995
Stddev	.0003502	.0022859	.0019561	.5802	.0027559	.0004268
%RSD	.0710549	.4538316	.2009715	.2407960	.4946435	.0870975

#1	.4925185	.5030529	.9727976	241.6263	.5568635	.4904137
#2	.4932166	.5062362	.9754974	240.7640	.5545512	.4900237
#3	.4928188	.5018026	.9716955	240.5225	.5600403	.4895612

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5272013	106.1214	.5266033	263.0154	.9707024	.1714640
Stddev	.0013622	.0862	.0024929	.3089	.0012658	.0005483
%RSD	.2583915	.0811815	.4733914	.1174355	.1303959	.3197564

#1	.5257139	106.2164	.5293667	263.0425	.9713364	.1714509
#2	.5283883	106.0994	.5259197	263.3099	.9715259	.1709224
#3	.5275015	106.0484	.5245236	262.6939	.9692450	.1720187

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2573166	.5089041	1.121172	-.175242	-.021966	F .3456340
Stddev	.1279873	.0053285	.011106	.015986	.000463	.0024467
%RSD	49.73925	1.047053	.9905507	9.122242	2.105928	.7078920

#1	.2941948	.5032758	1.126037	-.193567	-.021449	.3448942
#2	.1149390	.5138710	1.129015	-.168001	-.022341	.3483652
#3	.3628160	.5095656	1.108464	-.164157	-.022107	.3436425

Sample Name: ICSAB Acquired: 5/19/2017 15:59:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) 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 .5594110	.0348752	.5483128	F .5464134	.5767120	.0040219
Stddev	.0010218	.0050092	.0013312	.0019340	.0029794	.0010346
%RSD	.1826582	14.36338	.2427859	.3539481	.5166165	25.72370

#1	.5593261	.0406104	.5496552	.5468524	.5773469	.0052039
#2	.5604726	.0326578	.5482899	.5442976	.5734664	.0032811
#3	.5584343	.0313573	.5469931	.5480901	.5793228	.0035807

Elem	Sr4077
Units	ppm
Avg	.1019321
Stddev	.0002262
%RSD	.2219162

#1	.1021782
#2	.1017332
#3	.1018850

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.090	2381.068	50173.04	4480.048	2954.856
Stddev	13.598	10.521	196.36	11.394	13.531
%RSD	.8519761	.4418706	.3913663	.2543165	.4579268

#1	1589.734	2371.599	50060.84	4471.232	2941.867
#2	1611.703	2379.211	50399.77	4476.000	2953.830
#3	1586.834	2392.394	50058.50	4492.913	2968.871

Sample Name: CCV028 Acquired: 5/19/2017 16:03:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971732	4.761676	24.58997	4.803304	4.853339	388.3483
Stddev	.011941	.010895	.04010	.013425	.009462	.3725
%RSD	.2401817	.2288012	.1630602	.2794975	.1949503	.0959225

#1	4.967708	4.753184	24.58844	4.815486	4.862593	388.6848
#2	4.962324	4.773960	24.63081	4.788910	4.843683	387.9480
#3	4.985166	4.757884	24.55066	4.805516	4.853742	388.4119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.708933	.4940848	2.437849	388.8913	14.82555	2.442001
Stddev	.005957	.0020531	.005511	.6791	.04245	.006605
%RSD	.0613508	.4155400	.2260511	.1746133	.2863135	.2704820

#1	9.703508	.4955851	2.438314	388.7500	14.82142	2.445599
#2	9.715307	.4949245	2.443113	389.6298	14.86991	2.446027
#3	9.707985	.4917450	2.432121	388.2940	14.78532	2.434379

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01045	413.3668	14.30017	414.5967	2.409553	1.232007
Stddev	.02747	.9270	.02820	1.0977	.005195	.000396
%RSD	.1830233	.2242654	.1972284	.2647554	.2155868	.0321317

#1	15.04214	413.9069	14.27730	415.7306	2.407267	1.231912
#2	14.99340	412.2963	14.33168	413.5393	2.415499	1.232442
#3	14.99581	413.8971	14.29151	414.5201	2.405895	1.231668

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.9206	2.444022	15.89017	154.0216	5.057813	F 4.164076
Stddev	1.1851	.011839	.06665	.3168	.027169	.024982
%RSD	.2919434	.4844161	.4194544	.2056569	.5371784	.5999472

#1	406.5970	2.438843	15.81751	154.3870	5.026882	4.177050
#2	404.5523	2.457568	15.90452	153.8252	5.068738	4.179901
#3	406.6126	2.435655	15.94848	153.8526	5.077819	4.135276

Sample Name: CCV028 Acquired: 5/19/2017 16:03:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.814181	4.620317	5.049369	4.801563	5.009527	5.124514
Stddev	.004228	.037308	.032775	.014796	.010717	.004910
%RSD	.0878281	.8074794	.6490854	.3081419	.2139246	.0958204

#1	4.818427	4.626012	5.075781	4.804396	5.021739	5.130064
#2	4.809971	4.580488	5.059637	4.814737	5.005150	5.120733
#3	4.814144	4.654449	5.012690	4.785555	5.001692	5.122745

Elem	Sr4077
Units	ppm
Avg	5.036606
Stddev	.012902
%RSD	.2561712

#1	5.051488
#2	5.029751
#3	5.028577

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.727	2136.737	46928.81	4290.898	2513.016
Stddev	5.963	2.500	42.94	14.370	5.266
%RSD	.4144345	.1170002	.0915051	.3349029	.2095594

#1	1437.886	2134.026	46967.03	4276.734	2511.752
#2	1445.066	2138.951	46937.08	4290.495	2508.497
#3	1433.230	2137.235	46882.34	4305.466	2518.799

Sample Name: CCB028 Acquired: 5/19/2017 16:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001653	.0020451	-.000530	.0008852	.0000949	.0124424	-.002996
Stddev	.001018	.0013581	.001212	.0015248	.0010982	.0095381	.000461
%RSD	61.61600	66.40626	228.7809	172.2521	1157.084	76.65806	15.38084

#1	-.000738	.0036131	-.000427	.0026171	.0012242	.0181361	-.002531
#2	-.002750	.0012844	.000628	-.000255	-.000969	.0014309	-.003452
#3	-.001470	.0012379	-.001790	.000294	.000030	.0177601	-.003005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000067	.0175306	-.000690	-.000245	.0007159	.0114620
Stddev	.000043	.000021	.0051158	.000078	.000073	.0004366	.0058993
%RSD	86.57473	30.84169	29.18200	11.34422	29.70489	60.98528	51.46785

#1	-.000016	-.000089	.0181572	-.000613	-.000327	.0002616	.0126153
#2	-.000099	-.000063	.0121304	-.000770	-.000190	.0011324	.0166995
#3	-.000035	-.000048	.0223042	-.000687	-.000217	.0007538	.0050713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021187	.0322622	.0000101	.0004589	-.017936	-.000807	-.014520
Stddev	.0005171	.0445762	.0002969	.0003989	.072784	.001629	.006459
%RSD	24.40794	138.1684	2926.779	86.93053	405.8002	201.9419	44.48336

#1	.0020028	.0830543	.0001840	-.000001	-.101928	.001007	-.020025
#2	.0016694	.0140884	-.000333	.000714	.026622	-.002146	-.016126
#3	.0026840	-.000356	.000179	.000663	.021498	-.001281	-.007410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497524	-.002366	.0084478	.0006957	-.003772	-.007150	.0001362
Stddev	.0428238	.002726	.0013279	.0001195	.013512	.001060	.0010524
%RSD	86.07385	115.2116	15.71879	17.16999	358.2521	14.82886	772.4272

#1	.0987748	-.002383	.0097433	.0007080	-.018295	-.006818	.0012834
#2	.0196300	.000368	.0085105	.0008086	-.001447	-.006295	-.000090
#3	.0308525	-.005083	.0070897	.0005706	.008427	-.008336	-.000784

Sample Name: CCB028 Acquired: 5/19/2017 16:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017228	.0004335	.0000764
Stddev	.0009433	.0002345	.0000693
%RSD	54.75540	54.08728	90.68968

#1	.0013408	.0005747	.0001564
#2	.0027972	.0005629	.0000392
#3	.0010304	.0001629	.0000336

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.490	2661.310	56124.39	4620.204	3832.644
Stddev	12.332	8.828	110.99	15.428	8.424
%RSD	.6918477	.3317137	.1977655	.3339313	.2198020

#1	1768.453	2651.123	56014.78	4609.596	3824.661
#2	1787.433	2666.071	56121.66	4637.903	3841.449
#3	1791.584	2666.734	56236.72	4613.114	3831.822

Sample Name: PB99066BL Acquired: 5/19/2017 16:11:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001023	.0011378	-.000149	-.004245	-.000441	.0032386	-.003198
Stddev	.001335	.0015953	.000526	.004613	.000629	.0032952	.000891
%RSD	130.4499	140.2183	352.1299	108.6880	142.5704	101.7484	27.86172

#1	-.002020	.0010730	-.000679	-.000881	-.001020	.0017462	-.004195
#2	.000493	-.000424	-.000141	-.002350	-.000532	.0070160	-.002481
#3	-.001542	.002765	.000372	-.009504	.000228	.0009536	-.002917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	-.000084	.0072665	-.000476	.0000062	-.000818	-.010195
Stddev	.000033	.000068	.0029076	.000279	.0000153	.000733	.019890
%RSD	401.4092	79.98091	40.01381	58.66215	246.5832	89.70221	195.1058

#1	.000014	-.000053	.0103168	-.000696	-.000011	-.000969	-.028926
#2	-.000046	-.000038	.0069563	-.000571	.000011	-.001464	-.012339
#3	.000007	-.000162	.0045265	-.000162	.000018	-.000020	.010681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014875	.0509608	.0002641	.0006149	-.070867	.0006654	-.013482
Stddev	.0005864	.0222422	.0001339	.0003437	.105523	.0034149	.010491
%RSD	39.42028	43.64567	50.70198	55.89080	148.9036	513.2131	77.81387

#1	.0010548	.0691532	.0003929	.0009232	-.162014	.0046045	-.005072
#2	.0012529	.0261645	.0002737	.0006770	.044737	-.001461	-.010136
#3	.0021549	.0575646	.0001256	.0002444	-.095323	-.001147	-.025237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861222	-.002368	.0022120	.0004026	-.010981	-.007131	-.000289
Stddev	.0132528	.000326	.0005638	.0000787	.001738	.000793	.000318
%RSD	15.38831	13.75799	25.49062	19.54859	15.82598	11.11985	110.0781

#1	.0770862	-.002344	.0023337	.0004903	-.012392	-.007550	-.000212
#2	.1013359	-.002055	.0027050	.0003792	-.009040	-.006216	-.000016
#3	.0799445	-.002705	.0015972	.0003383	-.011513	-.007626	-.000639

Sample Name: PB99066BL Acquired: 5/19/2017 16:11:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010924	-.000945	-.000069
Stddev	.0005194	.000658	.000030
%RSD	47.54747	69.62977	43.99146

#1	.0016090	-.000218	-.000041
#2	.0005702	-.001117	-.000101
#3	.0010979	-.001499	-.000065

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.925	2662.431	56237.53	4624.509	3837.094
Stddev	2.056	7.972	107.94	1.221	6.615
%RSD	.1148717	.2994161	.1919294	.0263981	.1723872

#1	1792.265	2655.566	56339.76	4625.665	3829.564
#2	1788.406	2660.552	56124.68	4624.631	3839.755
#3	1789.105	2671.174	56248.15	4623.233	3841.965

Sample Name: PB99066BS Acquired: 5/19/2017 16:15:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168637	.0549072	.0208513	.0639660	.1135116	.3855605
Stddev	.0010394	.0006124	.0009809	.0030272	.0009178	.0084578
%RSD	6.163403	1.115396	4.704237	4.732521	.8085834	2.193626

#1	.0159005	.0555532	.0217738	.0672621	.1140193	.3935158
#2	.0167253	.0543350	.0198209	.0613101	.1140635	.3766769
#3	.0179654	.0548336	.0209590	.0633258	.1124521	.3864889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3941359	.0101388	.0093761	9.801183	.0226250	.0925427
Stddev	.0012042	.0002005	.0000577	.027680	.0005165	.0005236
%RSD	.3055320	1.977432	.6153036	.2824182	2.282632	.5658434

#1	.3955248	.0100050	.0093913	9.773298	.0222672	.0930398
#2	.3933851	.0103693	.0094246	9.828654	.0223908	.0925924
#3	.3934977	.0100422	.0093123	9.801598	.0232171	.0919960

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512367	.2339830	.0327417	10.02094	.0757241	.0193499
Stddev	.0018830	.0239257	.0015325	.09187	.0003529	.0004982
%RSD	3.675156	10.22539	4.680669	.9167614	.4660329	2.574492

#1	.0494779	.2601518	.0309737	9.95442	.0760049	.0197610
#2	.0532232	.2132283	.0335587	9.98264	.0758395	.0187959
#3	.0510088	.2285690	.0336926	10.12576	.0753280	.0194928

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14563	.1115987	.1401714	8.985160	F .0316542	F .0221514
Stddev	.05689	.0023570	.0373769	.035755	.0026673	.0008739
%RSD	.5607087	2.111989	26.66513	.3979327	8.426300	3.945069

#1	10.20483	.1091237	.1190911	9.025982	.0321958	.0214329
#2	10.14067	.1138166	.1180964	8.959400	.0340091	.0218970
#3	10.09138	.1118558	.1833266	8.970099	.0287577	.0231243

Sample Name: PB99066BS Acquired: 5/19/2017 16:15:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217736	.5020327	.1950904	F .0181287	.2118305	.0946935
Stddev	.0003455	.0178316	.0009043	.0005523	.0006452	.0003072
%RSD	1.586590	3.551880	.4635103	3.046434	.3045867	.3243770

#1	.0220261	.5001573	.1940983	.0184452	.2116160	.0944407
#2	.0219148	.4852129	.1953046	.0174910	.2125556	.0946046
#3	.0213799	.5207278	.1958683	.0184498	.2113198	.0950354

Elem	Sr4077
Units	ppm
Avg	.2140853
Stddev	.0003264
%RSD	.1524585

#1	.2141440
#2	.2143783
#3	.2137335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.038	2577.007	55019.44	4662.220	3643.964
Stddev	27.992	16.412	614.55	7.616	20.739
%RSD	1.629302	.6368628	1.116963	.1633558	.5691194

#1	1732.830	2560.175	55206.51	4668.830	3622.680
#2	1735.530	2577.883	55518.70	4653.891	3645.104
#3	1685.753	2592.964	54333.09	4663.937	3664.110

Sample Name: I3211-01 Acquired: 5/19/2017 16:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001802	-.000334	.0197035	-.003200	.0000625	2.592630	.0061357
Stddev	.0011516	.000968	.0003775	.004424	.0010328	.013634	.0004104
%RSD	638.8690	289.3419	1.916165	138.2322	1652.751	.5258573	6.688103

#1	.0012066	-.000057	.0200429	.001830	.0008778	2.583810	.0057614
#2	.0003992	-.001410	.0192968	-.004944	-.001099	2.585746	.0060712
#3	-.001065	.000464	.0197708	-.006487	.000409	2.608333	.0065745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002895	.0006156	.2326062	.0369874	.0002364	.0095290	23.33121
Stddev	.0000285	.0000281	.0035349	.0003882	.0003169	.0005509	.04876
%RSD	9.848486	4.561976	1.519698	1.049445	134.0697	5.781535	.2090033

#1	.0002577	.0006479	.2313827	.0374312	.0001050	.0101215	23.38673
#2	.0003128	.0005970	.2298457	.0368199	.0005979	.0090322	23.29530
#3	.0002979	.0006019	.2365904	.0367111	.0000063	.0094334	23.31160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102385	.0572396	.0008523	.0000313	.0889381	.0352629	.0027173
Stddev	.0010693	.0126127	.0002713	.0000892	.0778667	.0038090	.0211744
%RSD	10.44398	22.03488	31.83537	284.6897	87.55157	10.80177	779.2507

#1	.0091468	.0428774	.0005404	.0001057	.1088685	.0373546	-.004330
#2	.0102847	.0665120	.0010335	.0000559	.0030433	.0375678	.026517
#3	.0112839	.0623296	.0009832	-.000068	.1549025	.0308663	-.014034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.547793	.0640507	-.065368	.0013887	2.486304	.7395065	.0053742
Stddev	.035428	.0015680	.000563	.0002842	.013111	.0108941	.0004894
%RSD	6.467458	2.448074	.8614969	20.46866	.5273243	1.473154	9.105473

#1	-.515445	.0653464	-.066018	.0010892	2.471708	.7520626	.0048898
#2	-.585655	.0644981	-.065018	.0014220	2.497082	.7325661	.0053645
#3	-.542279	.0623076	-.065069	.0016548	2.490122	.7338908	.0058683

Sample Name: I3211-01 Acquired: 5/19/2017 16:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5664292	-.003214	.0033393
Stddev	.0024499	.000472	.0000638
%RSD	.4325234	14.69890	1.909511

#1	.5677699	-.003014	.0034082
#2	.5636015	-.002875	.0033275
#3	.5679161	-.003754	.0032823

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.106	2654.646	57307.97	4782.856	3810.141
Stddev	10.507	4.168	122.49	20.589	1.340
%RSD	.5853040	.1570058	.2137462	.4304691	.0351771

#1	1800.614	2651.263	57168.57	4767.331	3808.704
#2	1782.991	2659.302	57356.93	4806.211	3811.357
#3	1801.714	2653.373	57398.42	4775.026	3810.362

Sample Name: I3211-02 Acquired: 5/19/2017 16:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736624	.1285379	.0559799	.0867709	.1873453	6.433762	4.033840
Stddev	.0019964	.0017003	.0019701	.0020162	.0014646	.036978	.057142
%RSD	2.710255	1.322795	3.519282	2.323646	.7817625	.5747522	1.416559

#1	.0748169	.1278286	.0576310	.0887561	.1877341	6.430980	4.011800
#2	.0748132	.1304780	.0565098	.0868317	.1885762	6.472053	4.098719
#3	.0713571	.1273071	.0537991	.0847250	.1857255	6.398253	3.991000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979513	.0872086	.2494903	.4642974	.9191652	.5251782	25.16961
Stddev	.0008655	.0005408	.0055633	.0052859	.0048899	.0042705	.18187
%RSD	.8836501	.6201398	2.229874	1.138470	.5319878	.8131578	.7225872

#1	.0985482	.0867660	.2430953	.4606344	.9167190	.5237171	25.21577
#2	.0983471	.0878114	.2532154	.4619007	.9247954	.5299876	25.32395
#3	.0969586	.0870484	.2521603	.4703571	.9159812	.5218301	24.96910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.077714	.0444487	.9260777	.0408025	-.010772	1.113104	1.012178
Stddev	.008498	.0210479	.0055544	.0004059	.093921	.010193	.043695
%RSD	.7885093	47.35323	.5997743	.9948970	871.9178	.9157627	4.316944

#1	1.077730	.0534937	.9220064	.0404118	-.029579	1.107416	.962683
#2	1.086205	.0203902	.9324051	.0407736	-.093866	1.124872	1.028443
#3	1.069209	.0594623	.9238215	.0412222	.091130	1.107023	1.045409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.534537	.0515944	-.069405	.0012723	2.429851	1.016409	.0059824
Stddev	.026099	.0011009	.001217	.0001608	.009999	.001515	.0006303
%RSD	4.882638	2.133798	1.753851	12.64012	.4115090	.1490466	10.53613

#1	-.563726	.0503320	-.069361	.0014505	2.422514	1.016447	.0054717
#2	-.513449	.0523552	-.070644	.0012287	2.441240	1.014876	.0057886
#3	-.526434	.0520960	-.068210	.0011378	2.425799	1.017905	.0066868

Sample Name: I3211-02 Acquired: 5/19/2017 16:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5678894	-.003018	.0034141
Stddev	.0067327	.000589	.0000840
%RSD	1.185569	19.50506	2.459875

#1	.5665334	-.002338	.0033389
#2	.5751970	-.003360	.0035047
#3	.5619379	-.003356	.0033986

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.419	2665.756	56669.21	4759.848	3811.764
Stddev	19.176	8.638	445.73	42.686	19.201
%RSD	1.080062	.3240508	.7865393	.8967832	.5037272

#1	1782.867	2661.692	56968.76	4723.367	3813.640
#2	1789.752	2659.899	56881.89	4749.385	3791.694
#3	1753.636	2675.677	56156.98	4806.792	3829.958

Sample Name: I3211-03 Acquired: 5/19/2017 16:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022761	-.001084	.0194266	-.002672	.0001735	2.595919	.0062228
Stddev	.0019958	.001598	.0005674	.002418	.0007522	.020829	.0001778
%RSD	87.68306	147.3992	2.920659	90.46032	433.5864	.8023692	2.856667

#1	.0040983	-.001020	.0188169	-.003934	.0009438	2.587255	.0062156
#2	.0001432	-.002712	.0199392	.000115	.0001359	2.619682	.0064041
#3	.0025869	.000481	.0195235	-.004198	-.000559	2.580821	.0060488

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001863	.0006684	.2393101	.0369709	.0002253	.0094529	23.32682
Stddev	.0000713	.0000745	.0207158	.0005525	.0001808	.0012353	.05421
%RSD	38.29607	11.14243	8.656454	1.494487	80.24693	13.06814	.2324130

#1	.0001338	.0007472	.2157720	.0375142	.0000246	.0085401	23.36535
#2	.0002675	.0006590	.2547687	.0369888	.0003755	.0089600	23.35027
#3	.0001575	.0005991	.2473895	.0364096	.0002758	.0108586	23.26482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108524	.0321142	.0007878	.0000672	.0793620	.0327890	-.021920
Stddev	.0008550	.0192955	.0001346	.0003759	.2663337	.0059780	.022370
%RSD	7.878143	60.08409	17.08172	559.4479	335.5936	18.23156	102.0542

#1	.0100346	.0514734	.0008977	-.000067	-.077624	.0368412	-.041036
#2	.0117403	.0319863	.0006377	-.000223	.386875	.0259234	-.027406
#3	.0107825	.0128830	.0008279	.000492	-.071165	.0356025	.002683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.562734	.0639092	-.066417	.0014194	2.501737	.7458507	.0055024
Stddev	.037854	.0006758	.001576	.0001633	.007113	.0036549	.0003983
%RSD	6.726849	1.057421	2.372705	11.50787	.2843420	.4900253	7.238782

#1	-.593518	.0631292	-.066802	.0016040	2.493523	.7494494	.0055032
#2	-.520468	.0642785	-.064684	.0012936	2.505826	.7421422	.0059003
#3	-.574218	.0643198	-.067764	.0013605	2.505861	.7459604	.0051037

Sample Name: I3211-03 Acquired: 5/19/2017 16:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5641399	-.002787	.0034476
Stddev	.0029708	.000725	.0000553
%RSD	.5266114	26.01604	1.602995

#1	.5635436	-.002008	.0034624
#2	.5673637	-.002912	.0033864
#3	.5615125	-.003442	.0034939

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.304	2627.084	56748.22	4757.346	3772.585
Stddev	1.903	7.855	195.75	29.184	9.136
%RSD	.1077458	.2990190	.3449518	.6134486	.2421583

#1	1764.682	2634.849	56679.39	4738.652	3777.456
#2	1765.831	2627.263	56596.18	4742.413	3778.252
#3	1768.399	2619.141	56969.09	4790.975	3762.046

Sample Name: I3211-01LX5 Acquired: 5/19/2017 16:32:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002410	-.000188	.0043014	-.000789	.0001798	.5226065	-.001039
Stddev	.001259	.000818	.0012134	.002099	.0007457	.0041082	.001018
%RSD	52.22388	436.1445	28.20911	265.8390	414.8392	.7860967	97.96643

#1	-.002005	.000731	.0048298	.001627	.0006332	.5205569	-.002179
#2	-.001404	-.000456	.0029134	-.001845	.0005869	.5199264	-.000719
#3	-.003822	-.000838	.0051610	-.002151	-.000681	.5273363	-.000220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000346	.0000851	.0585879	.0072837	-.000169	.0008648	4.765713
Stddev	.0000279	.0000315	.0051344	.0001348	.000092	.0027593	.057251
%RSD	80.68340	37.07315	8.763570	1.850568	54.59444	319.0815	1.201305

#1	.0000039	.0001013	.0642035	.0073821	-.000269	-.002191	4.829102
#2	.0000415	.0000487	.0541337	.0073390	-.000088	.001612	4.717771
#3	.0000584	.0001052	.0574264	.0071301	-.000150	.003173	4.750264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032543	.0198723	.0004932	.0003813	-.154021	.0061363	-.020017
Stddev	.0008752	.0115715	.0002598	.0002752	.147545	.0022395	.011660
%RSD	26.89461	58.22915	52.67987	72.17069	95.79556	36.49627	58.24980

#1	.0038786	.0328131	.0005192	.0006991	-.323774	.0064436	-.007552
#2	.0022539	.0162829	.0007390	.0002235	-.056596	.0037590	-.021844
#3	.0036304	.0105209	.0002213	.0002213	-.081692	.0082064	-.030656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105258	.0113277	-.015382	.0002427	.5256495	.1490443	.0004893
Stddev	.043769	.0011848	.001124	.0001875	.0012714	.0012545	.0003193
%RSD	41.58288	10.45900	7.308347	77.27024	.2418697	.8417241	65.26267

#1	-.154665	.0100612	-.015691	.0000514	.5269683	.1497726	.0008331
#2	-.089768	.0115130	-.016320	.0004261	.5244315	.1475957	.0002020
#3	-.071340	.0124089	-.014136	.0002505	.5255488	.1497646	.0004328

Sample Name: I3211-01LX5 Acquired: 5/19/2017 16:32:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1160569	-.002327	.0006637
Stddev	.0010065	.000841	.0000496
%RSD	.8672231	36.14947	7.478696

#1	.1167994	-.002699	.0006364
#2	.1149114	-.002917	.0006338
#3	.1164599	-.001364	.0007210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.465	2656.765	56235.33	4639.853	3809.018
Stddev	6.855	5.521	28.39	34.909	3.264
%RSD	.3841421	.2078217	.0504811	.7523769	.0856795

#1	1791.118	2659.752	56262.34	4599.729	3806.463
#2	1777.425	2660.149	56237.93	4663.267	3807.897
#3	1784.851	2650.393	56205.74	4656.562	3812.695

Sample Name: I3211-04 Acquired: 5/19/2017 16:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013159	.0000580	.0234358	-.004786	-.000487	2.707291	.0068252
Stddev	.0025780	.0001547	.0014701	.001254	.000691	.024687	.0004195
%RSD	195.9112	266.8033	6.272906	26.19418	141.8147	.9118823	6.145860

#1	.0002091	.0002248	.0222623	-.006087	.000179	2.680656	.0065710
#2	.0042625	-.000081	.0250848	-.004686	-.001201	2.729406	.0073094
#3	-.000524	.000030	.0229602	-.003585	-.000440	2.711811	.0065953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003074	.0006207	.2236514	.0385800	.0003646	.0104893	22.90790
Stddev	.0000141	.0001091	.0030477	.0006748	.0001476	.0029754	.11861
%RSD	4.582440	17.58042	1.362703	1.748949	40.48027	28.36577	.5177823

#1	.0002949	.0007459	.2264733	.0378269	.0002292	.0074981	22.83396
#2	.0003227	.0005702	.2240613	.0391295	.0003426	.0105212	23.04471
#3	.0003047	.0005460	.2204194	.0387837	.0005219	.0134486	22.84503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108441	.0440336	.0007978	.0000305	-.016463	.0403829	-.007689
Stddev	.0002424	.0238244	.0001387	.0002167	.047922	.0035511	.019951
%RSD	2.235504	54.10504	17.38023	710.1389	291.0954	8.793653	259.4844

#1	.0107684	.0221463	.0007318	-.000220	.030008	.0443909	.014541
#2	.0111154	.0405444	.0007044	.000162	-.013681	.0376290	-.024040
#3	.0106486	.0694103	.0009571	.000149	-.065714	.0391287	-.013567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.540677	.0685343	-.066877	.0011982	2.092487	.7851616	.0071075
Stddev	.014738	.0003512	.000379	.0004998	.008016	.0038039	.0003314
%RSD	2.725756	.5124846	.5667042	41.70843	.3830820	.4844677	4.663032

#1	-.523721	.0684513	-.067253	.0014566	2.101553	.7820743	.0067797
#2	-.547910	.0682320	-.066881	.0015158	2.086339	.7894109	.0074424
#3	-.550402	.0689196	-.066495	.0006222	2.089568	.7839995	.0071004

Sample Name: I3211-04 Acquired: 5/19/2017 16:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6262713	-.003076	.0031269
Stddev	.0042275	.000179	.0000314
%RSD	.6750326	5.826905	1.005718

#1	.6251583	-.002869	.0031160
#2	.6309440	-.003183	.0031624
#3	.6227116	-.003177	.0031024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.773	2658.807	57893.79	4828.591	3816.531
Stddev	13.571	4.886	48.15	21.871	5.018
%RSD	.7507176	.1837531	.0831657	.4529464	.1314896

#1	1817.344	2653.233	57883.04	4830.299	3810.806
#2	1792.242	2660.839	57851.93	4805.916	3820.171
#3	1813.733	2662.348	57946.41	4849.557	3818.616

Sample Name: I3211-05 Acquired: 5/19/2017 16:40:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF002-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017625	.0003023	.0232370	-.004706	-.000797	3.405508	.0083459
Stddev	.0018911	.0024092	.0006752	.001597	.001324	.031182	.0006140
%RSD	107.2965	797.0881	2.905746	33.94090	166.1604	.9156463	7.357315

#1	.0001104	.0028413	.0234198	-.006093	-.001906	3.378790	.0088321
#2	.0013520	.0000173	.0238020	-.002960	.000669	3.439770	.0085497
#3	.0038252	-.001952	.0224892	-.005064	-.001154	3.397965	.0076559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002137	.0005911	.2273510	.0438283	.0004934	.0098266	23.44742
Stddev	.0000096	.0000849	.0133778	.0001781	.0001562	.0026369	.11668
%RSD	4.476130	14.36203	5.884183	.4063495	31.65314	26.83394	.4976139

#1	.0002181	.0006512	.2152934	.0439605	.0003261	.0073076	23.33559
#2	.0002202	.0006281	.2417419	.0436258	.0005189	.0096048	23.56841
#3	.0002027	.0004940	.2250176	.0438987	.0006353	.0125674	23.43828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129259	.0521665	.0009291	.0000563	.0637376	.0450735	-.000782
Stddev	.0008480	.0210292	.0003083	.0000800	.0890826	.0024873	.027655
%RSD	6.560233	40.31179	33.18546	142.1798	139.7646	5.518227	3537.534

#1	.0135357	.0400615	.0012804	.0001340	-.028836	.0451454	-.032647
#2	.0132844	.0764489	.0007036	.0000608	.148861	.0475240	.016959
#3	.0119576	.0399890	.0008032	-.000026	.071188	.0425510	.013342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.482278	.0878099	-.067783	.0015765	1.470618	1.017279	.0079449
Stddev	.024197	.0009682	.000504	.0004649	.020946	.013108	.0001925
%RSD	5.017221	1.102618	.7442346	29.48995	1.424330	1.288524	2.423097

#1	-.502412	.0866919	-.068112	.0013271	1.479522	1.005468	.0079975
#2	-.488987	.0883638	-.067202	.0021129	1.446690	1.031382	.0081056
#3	-.455434	.0883740	-.068036	.0012895	1.485641	1.014987	.0077315

Sample Name: I3211-05 Acquired: 5/19/2017 16:40:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF002-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6960852	-.002672	.0037526
Stddev	.0075343	.000625	.0000285
%RSD	1.082376	23.41086	.7601279

#1	.6883956	-.003391	.0037221
#2	.7034539	-.002260	.0037787
#3	.6964060	-.002364	.0037569

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.316	2658.128	57277.40	4807.060	3805.177
Stddev	5.791	5.433	45.05	26.379	8.632
%RSD	.3223622	.2043900	.0786535	.5487523	.2268617

#1	1789.713	2651.940	57225.63	4834.344	3795.214
#2	1798.707	2660.329	57307.67	4781.691	3810.416
#3	1800.528	2662.115	57298.91	4805.145	3809.903

Sample Name: I3211-06 Acquired: 5/19/2017 16:44:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF003-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018743	-.000169	.0184771	-.004296	-.000520	2.222164	.0042912
Stddev	.0010824	.000775	.0011344	.005513	.000471	.004267	.0005614
%RSD	57.75200	458.0964	6.139235	128.3293	90.52054	.1920300	13.08228

#1	.0019086	-.000501	.0193309	-.000788	-.001034	2.226356	.0049334
#2	.0029391	-.000723	.0171900	-.010650	-.000111	2.222311	.0038941
#3	.0007751	.000717	.0189106	-.001450	-.000414	2.217826	.0040461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002425	.0005606	.2249713	.0360870	.0003672	.0095636	24.81075
Stddev	.0000354	.0000252	.0134247	.0000414	.0000239	.0003061	.14114
%RSD	14.59598	4.496880	5.967306	.1147569	6.505641	3.201244	.5688662

#1	.0002779	.0005894	.2194461	.0360837	.0003461	.0096664	24.82359
#2	.0002426	.0005425	.2151909	.0361300	.0003931	.0098050	24.66363
#3	.0002071	.0005498	.2402769	.0360473	.0003623	.0092192	24.94503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105266	.0359732	.0008161	.0004301	.0514089	.0335490	-.021923
Stddev	.0003485	.0194885	.0001565	.0004298	.1801866	.0034143	.021462
%RSD	3.311175	54.17497	19.17395	99.93355	350.4971	10.17708	97.90006

#1	.0108929	.0470601	.0007112	.0001468	-.015143	.0356448	-.004310
#2	.0104878	.0473888	.0009960	.0002189	-.086035	.0353930	-.015631
#3	.0101991	.0134706	.0007412	.0009247	.255405	.0296092	-.045828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.607520	.0603623	-.072302	.0010673	4.007888	.6892566	.0051211
Stddev	.011857	.0014135	.001977	.0002024	.016988	.0007403	.0007808
%RSD	1.951643	2.341686	2.734994	18.96103	.4238548	.1074019	15.24766

#1	-.615812	.0616014	-.072773	.0011369	4.026529	.6897461	.0046436
#2	-.612808	.0588228	-.074001	.0008393	4.003853	.6896187	.0046975
#3	-.593940	.0606628	-.070131	.0012256	3.993280	.6884050	.0060222

Sample Name: I3211-06 Acquired: 5/19/2017 16:44:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF003-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6177607	-.002170	.0031648
Stddev	.0016049	.000318	.0000264
%RSD	.2597970	14.67667	.8338766

#1	.6176725	-.001903	.0031935
#2	.6162017	-.002522	.0031593
#3	.6194079	-.002084	.0031416

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.547	2654.448	57183.70	4803.398	3824.815
Stddev	10.831	9.412	104.52	32.998	10.614
%RSD	.6021886	.3545596	.1827813	.6869777	.2774984

#1	1792.424	2644.017	57196.69	4785.373	3816.353
#2	1811.052	2657.022	57281.13	4841.483	3821.367
#3	1792.165	2662.305	57073.30	4783.337	3836.723

Sample Name: I3211-07 Acquired: 5/19/2017 16:48:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF004-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019120	-.000187	.0246564	-.003836	.0007495	3.799548	.0116816
Stddev	.0027744	.001671	.0001097	.001759	.0009252	.025488	.0000641
%RSD	145.1011	892.5936	.4448271	45.86714	123.4526	.6708256	.5483635

#1	.0021732	.000607	.0247485	-.004421	.0003261	3.828826	.0117058
#2	.0045466	.000938	.0246856	-.005228	.0018107	3.782313	.0116090
#3	-.000984	-.002107	.0245350	-.001858	.0001116	3.787505	.0117301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003322	.0006189	.4118837	.0441882	.0003004	.0105029	21.28641
Stddev	.0000349	.0000579	.0118852	.0003701	.0001724	.0016192	.10758
%RSD	10.49507	9.350531	2.885569	.8374578	57.40810	15.41675	.5054088

#1	.0003376	.0005598	.4179223	.0437634	.0001198	.0122823	21.27233
#2	.0003640	.0006754	.3981916	.0444403	.0004633	.0101104	21.18656
#3	.0002949	.0006216	.4195373	.0443610	.0003181	.0091160	21.40034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188278	.1106315	.0010409	.0001207	-.120189	.0441986	-.012323
Stddev	.0012341	.0211240	.0000524	.0003345	.093223	.0037076	.006507
%RSD	6.554620	19.09400	5.036552	277.0949	77.56415	8.388610	52.80707

#1	.0201640	.0862476	.0010941	.0001585	-.227216	.0480810	-.006697
#2	.0185886	.1233614	.0009892	.0004347	-.056704	.0438199	-.019450
#3	.0177309	.1222856	.0010393	-.000231	-.076646	.0406948	-.010822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.474415	.0891573	-.063784	.0018175	.2789815	.9230394	.0050892
Stddev	.026447	.0005173	.000225	.0000999	.0098952	.0064842	.0006853
%RSD	5.574736	.5802714	.3521918	5.497391	3.546912	.7024849	13.46526

#1	-.461449	.0886717	-.063992	.0017496	.2688502	.9202996	.0043556
#2	-.456952	.0897015	-.063546	.0019322	.2886224	.9304438	.0051993
#3	-.504843	.0890988	-.063816	.0017706	.2794718	.9183748	.0057128

Sample Name: I3211-07 Acquired: 5/19/2017 16:48:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF004-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6255293	-.002732	.0063493
Stddev	.0008975	.000625	.0000748
%RSD	.1434798	22.86744	1.177234

#1	.6253123	-.002728	.0063398
#2	.6247602	-.003358	.0062797
#3	.6265154	-.002109	.0064283

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.480	2660.439	57364.33	4801.636	3804.700
Stddev	4.918	5.913	32.50	8.969	4.257
%RSD	.2745195	.2222644	.0566632	.1867866	.1118781

#1	1787.267	2655.576	57388.32	4791.422	3799.867
#2	1796.884	2658.719	57327.34	4805.266	3806.343
#3	1790.288	2667.021	57377.34	4808.222	3807.891

Sample Name: I3211-08 Acquired: 5/19/2017 16:52:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF005-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008832	-.000469	.0178570	-.004175	-.000619	2.407668	.0053813
Stddev	.0013815	.001253	.0003313	.001661	.000896	.009018	.0001125
%RSD	156.4121	266.9844	1.855192	39.77829	144.7320	.3745714	2.089673

#1	.0004363	-.000034	.0175440	-.005602	-.000086	2.418009	.0052522
#2	.0024328	-.001882	.0182040	-.002352	-.001654	2.403567	.0054580
#3	-.000219	.000508	.0178230	-.004570	-.000118	2.401430	.0054336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002595	.0004790	.2775472	.0334172	.0006672	.0096347	20.00935
Stddev	.0000016	.0000393	.0075608	.0001460	.0000466	.0009975	.04331
%RSD	.6114437	8.199539	2.724160	.4368924	6.985233	10.35324	.2164323

#1	.0002594	.0004510	.2723527	.0333080	.0007210	.0107853	19.95934
#2	.0002580	.0004622	.2862213	.0335831	.0006389	.0091051	20.03421
#3	.0002612	.0005239	.2740674	.0333606	.0006417	.0090137	20.03450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153121	.0482259	.0009699	.0002469	.0502571	.0337482	-.000807
Stddev	.0004050	.0167282	.0002900	.0002282	.0599906	.0032329	.007321
%RSD	2.644992	34.68713	29.89630	92.46050	119.3673	9.579451	907.4843

#1	.0155240	.0479883	.0013043	.0005104	.0863550	.0374737	-.006287
#2	.0155672	.0316178	.0008173	.0001136	-.018993	.0320905	-.003640
#3	.0148451	.0650717	.0007881	.0001166	.083410	.0316805	.007507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.543807	.0617687	-.059557	.0012760	.7893831	.7953668	.0055422
Stddev	.040759	.0010664	.000632	.0000284	.0071068	.0006090	.0004386
%RSD	7.495049	1.726385	1.061281	2.227872	.9002955	.0765750	7.913299

#1	-.577555	.0606710	-.059134	.0012519	.7909159	.7948348	.0050388
#2	-.555343	.0628007	-.059253	.0013074	.7955984	.7960312	.0058413
#3	-.498524	.0618345	-.060284	.0012688	.7816350	.7952344	.0057466

Sample Name: I3211-08 Acquired: 5/19/2017 16:52:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: EME-BF005-01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5395035	-.003075	.0040391
Stddev	.0045292	.000604	.0000535
%RSD	.8395026	19.62837	1.324687

#1	.5425211	-.003515	.0040033
#2	.5342955	-.003322	.0041006
#3	.5416939	-.002387	.0040134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.962	2642.945	57089.78	4770.813	3806.132
Stddev	7.028	.143	97.77	6.555	4.698
%RSD	.3939347	.0054230	.1712547	.1373968	.1234401

#1	1777.564	2643.088	56989.10	4764.218	3802.692
#2	1791.484	2642.948	57095.87	4770.892	3804.218
#3	1782.837	2642.801	57184.35	4777.327	3811.485

Sample Name: I3211-09 Acquired: 5/19/2017 16:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF006-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029346	-.000859	.0214496	-.003128	-.000198	3.848795	.0056186
Stddev	.0015905	.000761	.0011751	.001965	.000637	.004841	.0005063
%RSD	54.19812	88.57898	5.478372	62.81030	322.0696	.1257772	9.011539

#1	.0012116	-.001679	.0209752	-.002253	-.000476	3.848478	.0057867
#2	.0032454	-.000178	.0227877	-.001753	-.000647	3.844120	.0060196
#3	.0043467	-.000719	.0205858	-.005379	.000531	3.853786	.0050496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002188	.0005449	.3155725	.0404541	.0001636	.0096094	25.13876
Stddev	.0000383	.0000499	.0075947	.0002269	.0001060	.0019526	.13356
%RSD	17.49164	9.150095	2.406647	.5610089	64.76346	20.31960	.5312976

#1	.0001761	.0005852	.3071091	.0402932	.0001745	.0084173	25.27377
#2	.0002501	.0005602	.3217937	.0407137	.0000526	.0085481	25.13582
#3	.0002301	.0004891	.3178146	.0403554	.0002637	.0118628	25.00669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099176	.0377702	.0006057	.0000809	-.021757	.0417224	.0043878
Stddev	.0019493	.0717539	.0001636	.0002181	.175301	.0015364	.0222202
%RSD	19.65516	189.9748	27.00341	269.5030	805.7405	3.682412	506.4084

#1	.0116752	-.027181	.0004455	.0000033	-.219102	.0424880	-.006244
#2	.0102567	.114795	.0005993	-.000088	.115925	.0399536	-.010519
#3	.0078210	.025697	.0007725	.000327	.037907	.0427256	.029926

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.456655	.0650827	-.072656	.0015155	.6974454	3.038312	.0032395
Stddev	.016246	.0009239	.000429	.0002146	.0116474	.038202	.0008523
%RSD	3.557537	1.419613	.5898687	14.16267	1.670009	1.257331	26.30758

#1	-.463390	.0640988	-.072532	.0012799	.6841525	3.045556	.0036884
#2	-.438125	.0652176	-.072304	.0015667	.7058627	2.997007	.0037735
#3	-.468450	.0659318	-.073133	.0016999	.7023211	3.072372	.0022567

Sample Name: I3211-09 Acquired: 5/19/2017 16:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF006-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5599102	-.002474	.0029298
Stddev	.0042827	.000200	.0001125
%RSD	.7648974	8.079891	3.838623

#1	.5552392	-.002313	.0030524
#2	.5636521	-.002412	.0029057
#3	.5608394	-.002698	.0028313

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.660	2608.001	56349.21	4689.887	3740.413
Stddev	14.642	4.004	242.48	25.334	6.566
%RSD	.8330620	.1535325	.4303131	.5401924	.1755359

#1	1740.763	2604.089	56070.13	4660.738	3732.900
#2	1766.623	2607.822	56469.32	4706.596	3743.288
#3	1765.594	2612.092	56508.20	4702.328	3745.051

Sample Name: I3211-10 Acquired: 5/19/2017 17:01:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF007-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036083	.0014222	.0236125	-.004789	-.000127	3.220962	.0073807
Stddev	.0025627	.0005993	.0004412	.001474	.000800	.022558	.0004000
%RSD	71.02273	42.13974	1.868561	30.77325	630.3230	.7003447	5.419460

#1	.0017007	.0014348	.0233462	-.004887	-.000372	3.197811	.0070890
#2	.0065213	.0020151	.0233695	-.003268	-.000776	3.242876	.0078367
#3	.0026030	.0008167	.0241218	-.006210	.000767	3.222198	.0072165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003086	.0006534	.2688932	.0462486	.0003319	.0117226	24.43938
Stddev	.0000593	.0000405	.0098996	.0003248	.0004245	.0008407	.14253
%RSD	19.21279	6.189806	3.681612	.7023652	127.8809	7.171850	.5831928

#1	.0003691	.0006580	.2585820	.0465976	.0006527	.0114475	24.30542
#2	.0003062	.0006109	.2783221	.0461933	-.000149	.0110539	24.58916
#3	.0002506	.0006915	.2697756	.0459550	.000493	.0126664	24.42355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143623	.0907248	.0009818	-.000047	-.055296	.0468198	-.007230
Stddev	.0002435	.0166691	.0003125	.000081	.100543	.0019845	.024829
%RSD	1.695703	18.37331	31.82861	172.1822	181.8276	4.238662	343.4130

#1	.0140933	.0875681	.0008360	.000037	.033468	.0478772	-.008668
#2	.0144260	.1087465	.0007688	-.000123	-.164483	.0445305	.018286
#3	.0145677	.0758596	.0013405	-.000054	-.034873	.0480517	-.031308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.520010	.0815678	-.071827	.0019918	.8156042	.7315503	.0067634
Stddev	.022081	.0016711	.001434	.0001439	.0065744	.0073927	.0007016
%RSD	4.246221	2.048731	1.996107	7.223335	.8060787	1.010556	10.37306

#1	-.531866	.0817729	-.073342	.0021533	.8227790	.7293641	.0074569
#2	-.533629	.0831269	-.071650	.0018772	.8141650	.7397896	.0067794
#3	-.494533	.0798036	-.070491	.0019449	.8098686	.7254972	.0060540

Sample Name: I3211-10 Acquired: 5/19/2017 17:01:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: EME-BF007-01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6955324	-.002999	.0032711
Stddev	.0032343	.000058	.0000617
%RSD	.4650161	1.942214	1.887149

#1	.6922204	-.002940	.0032719
#2	.6956938	-.002999	.0032089
#3	.6986831	-.003057	.0033324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.477	2655.400	57025.80	4798.232	3816.317
Stddev	14.055	14.091	445.04	9.795	13.450
%RSD	.7876429	.5306608	.7804152	.2041349	.3524377

#1	1771.050	2647.424	56549.57	4796.272	3806.701
#2	1799.086	2647.107	57431.13	4789.565	3810.562
#3	1783.295	2671.670	57096.69	4808.858	3831.687

Sample Name: I3130-05A Acquired: 5/19/2017 17:05:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC16A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4436765	-.043740	4.545874	-.082714	.0058927	106.0171	2.317265
Stddev	.0030092	.000763	.006832	.005270	.0013560	.3391	.009402
%RSD	.6782488	1.744816	.1502936	6.371749	23.01127	.3198230	.4057207

#1	.4468327	-.043639	4.553006	-.076813	.0073775	105.8327	2.319263
#2	.4408397	-.043031	4.539387	-.084373	.0047200	106.4084	2.325508
#3	.4433569	-.044548	4.545228	-.086954	.0055804	105.8101	2.307025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147922	.0526737	167.9764	.4270314	.1122773	.8577121	446.1804
Stddev	.0003181	.0003243	.9025	.0015413	.0002606	.0023940	2.7304
%RSD	2.150745	.6156961	.5372516	.3609295	.2321046	.2791083	.6119598

#1	.0144316	.0529134	166.9464	.4266077	.1122867	.8604723	443.0570
#2	.0150335	.0523047	168.6282	.4257464	.1120121	.8562021	448.1141
#3	.0149113	.0528030	168.3546	.4287403	.1125331	.8564619	447.3702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.165395	52.70702	.1661291	-.004203	2.658861	.3710296	8.070847
Stddev	.038893	.62783	.0009033	.000213	.104476	.0034464	.047216
%RSD	.4243406	1.191173	.5437490	5.071995	3.929357	.9288705	.5850168

#1	9.128772	51.98737	.1650941	-.004065	2.692032	.3724499	8.076628
#2	9.206217	52.99104	.1665348	-.004448	2.541827	.3735389	8.114906
#3	9.161196	53.14266	.1667585	-.004096	2.742725	.3671001	8.021007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.906220	15.52343	-1.19063	.0082900	25.68764	4.905191	1.037708
Stddev	.032183	.03478	.00567	.0002728	.07128	.025755	.001293
%RSD	.3248717	.2240601	.4761227	3.290380	.2774742	.5250572	.1245613

#1	9.900146	15.56053	-1.18680	.0085331	25.74295	4.883822	1.037690
#2	9.941007	15.49155	-1.19715	.0079950	25.60721	4.933787	1.036424
#3	9.877507	15.51823	-1.18795	.0083419	25.71277	4.897963	1.039009

Sample Name: I3130-05A Acquired: 5/19/2017 17:05:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC16A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7166208	.0983267	.5040074
Stddev	.0029255	.0007096	.0016575
%RSD	.4082305	.7216590	.3288556

#1	.7145127	.0979272	.5048598
#2	.7199607	.0991460	.5050652
#3	.7153890	.0979069	.5020972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.178	2666.656	58105.61	5211.838	3000.846
Stddev	12.177	15.598	190.51	18.214	14.517
%RSD	.6813725	.5849448	.3278697	.3494725	.4837594

#1	1780.577	2649.221	57888.89	5225.346	2984.548
#2	1779.726	2671.459	58181.28	5191.123	3005.603
#3	1801.230	2679.288	58246.66	5219.045	3012.388

Sample Name: I3135-02A Acquired: 5/19/2017 17:09:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5254329	-.039582	1.220190	-.083761	.0123787	84.02713	1.469108
Stddev	.0036366	.002808	.006156	.001477	.0014584	.15691	.008645
%RSD	.6921118	7.094362	.5044933	1.763825	11.78147	.1867389	.5884791

#1	.5215332	-.037602	1.214211	-.082119	.0125711	84.16321	1.474963
#2	.5287315	-.042796	1.226508	-.084983	.0137314	83.85549	1.459178
#3	.5260340	-.038349	1.219851	-.084181	.0108337	84.06271	1.473183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144611	.0274378	40.62648	.4419290	.1767865	.3422752	464.3523
Stddev	.0002272	.0000707	.10158	.0031581	.0007001	.0042074	1.3671
%RSD	1.571174	.2578132	.2500394	.7146096	.3960110	1.229246	.2944005

#1	.0141991	.0275195	40.58395	.4424950	.1771669	.3455368	464.1748
#2	.0145805	.0273972	40.74242	.4385262	.1772140	.3375261	465.7995
#3	.0146038	.0273968	40.55307	.4447658	.1759786	.3437627	463.0827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.00382	11.82784	.1390548	-.008516	2.087422	.4776086	1.948412
Stddev	.06995	.06598	.0011480	.000172	.090464	.0031719	.015610
%RSD	.3040746	.5578591	.8255576	2.020432	4.333753	.6641148	.8011689

#1	23.02310	11.78312	.1384488	-.008497	1.983072	.4769578	1.930751
#2	23.06211	11.90363	.1403788	-.008354	2.135477	.4748126	1.960363
#3	22.92626	11.79679	.1383369	-.008697	2.143718	.4810554	1.954122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.686006	8.225302	-1.29209	.0131716	15.40590	5.518260	.0412468
Stddev	.015895	.015045	.00379	.0002408	.07716	.011917	.0012424
%RSD	.2377414	.1829083	.2934245	1.828138	.5008215	.2159621	3.012093

#1	6.677041	8.231057	-1.28858	.0128936	15.37314	5.505372	.0417990
#2	6.676618	8.236619	-1.29611	.0133125	15.49403	5.528881	.0398240
#3	6.704359	8.208229	-1.29159	.0133088	15.35053	5.520528	.0421174

Sample Name: I3135-02A Acquired: 5/19/2017 17:09:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC22A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8988279	.0467347	.1113799
Stddev	.0030627	.0008191	.0004338
%RSD	.3407498	1.752613	.3894356

#1	.9022324	.0475150	.1118324
#2	.8962965	.0458817	.1109677
#3	.8979547	.0468075	.1113395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.119	2785.222	60510.21	5328.629	3251.772
Stddev	10.810	1.765	285.15	18.152	5.682
%RSD	.5780329	.0633582	.4712457	.3406464	.1747216

#1	1877.319	2786.922	60268.03	5335.828	3256.064
#2	1875.349	2785.345	60824.49	5307.982	3245.329
#3	1857.689	2783.399	60438.10	5342.078	3253.924

Sample Name: I3078-20DLX10 Acquired: 5/19/2017 17:13:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082148	-.003605	3.991048	-.007976	-.000515	7.263003	1.019761
Stddev	.0022800	.000326	.004391	.003112	.002308	.010042	.001096
%RSD	27.75511	9.057280	.1100256	39.02390	447.9732	.1382676	.1074489

#1	.0093854	-.003979	3.994533	-.005117	.000469	7.251759	1.018527
#2	.0055872	-.003455	3.992495	-.007519	.001138	7.271080	1.020620
#3	.0096717	-.003380	3.986116	-.011291	-.003152	7.266170	1.020135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013623	.0170654	71.91862	.0115716	.0366647	.1392550	31.74605
Stddev	.0000452	.0001324	.36151	.0003820	.0000832	.0006613	.16135
%RSD	3.319592	.7760897	.5026717	3.301128	.2268369	.4748973	.5082459

#1	.0014038	.0171120	71.52703	.0119825	.0366811	.1397154	31.56716
#2	.0013691	.0169159	72.23966	.0115050	.0367385	.1395523	31.79042
#3	.0013141	.0171683	71.98917	.0112273	.0365746	.1384972	31.88057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.336381	35.46201	.0368710	.0015545	-.022392	.0208881	1.045026
Stddev	.015394	.07924	.0002823	.0000349	.079805	.0060988	.029800
%RSD	.4614041	.2234564	.7657125	2.242254	356.3989	29.19740	2.851624

#1	3.318688	35.37828	.0371788	.0015558	-.113923	.0138529	1.077155
#2	3.343744	35.47191	.0366241	.0015191	.014134	.0241318	1.018292
#3	3.346712	35.53584	.0368102	.0015888	.032613	.0246796	1.039631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7142998	.5391400	-.086566	-.000753	2.639935	.7582147	-.000584
Stddev	.0448907	.0031526	.000714	.000310	.018662	.0014571	.000335
%RSD	6.284568	.5847360	.8246647	41.24060	.7069178	.1921738	57.48535

#1	.6892372	.5392365	-.087137	-.000491	2.643536	.7578785	-.000790
#2	.7661258	.5422432	-.085766	-.000671	2.619735	.7569552	-.000764
#3	.6875364	.5359403	-.086796	-.001096	2.656535	.7598106	-.000196

Sample Name: I3078-20DLX10 Acquired: 5/19/2017 17:13:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0695721	.0039138	.0294067
Stddev	.0002921	.0015570	.0001292
%RSD	.4197782	39.78202	.4394857

#1	.0699087	.0056822	.0293274
#2	.0693858	.0033102	.0295558
#3	.0694218	.0027490	.0293368

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.300	2590.680	54705.94	4635.479	3444.254
Stddev	10.266	4.198	36.22	9.373	4.534
%RSD	.5940110	.1620233	.0662153	.2021979	.1316380

#1	1719.193	2585.899	54687.04	4645.802	3439.299
#2	1726.281	2593.758	54683.08	4627.503	3445.269
#3	1739.425	2592.384	54747.71	4633.131	3448.195

Sample Name: I3078-21DLX10 Acquired: 5/19/2017 17:17:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071414	-.003313	2.271763	-.006098	-.000775	6.647517	.9052651
Stddev	.0006756	.002889	.003422	.002699	.000677	.027252	.0018860
%RSD	9.460259	87.17750	.1506321	44.25867	87.26661	.4099565	.2083396

#1	.0072913	-.000096	2.275625	-.005527	-.000328	6.655048	.9031851
#2	.0064034	-.004162	2.270553	-.009036	-.001554	6.617292	.9068639
#3	.0077294	-.005683	2.269110	-.003730	-.000444	6.670212	.9057464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012100	.0124631	52.77809	.0115348	.0254265	.0800135	27.34378
Stddev	.0000331	.0001699	.31803	.0003223	.0001019	.0013754	.18160
%RSD	2.738635	1.363491	.6025791	2.794264	.4008842	1.718980	.6641250

#1	.0011750	.0126512	52.44069	.0111761	.0253176	.0790286	27.45942
#2	.0012408	.0123208	52.82125	.0116283	.0255196	.0794269	27.13447
#3	.0012142	.0124172	53.07234	.0118000	.0254422	.0815849	27.43745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.481214	25.56505	.0284600	.0012531	.1183703	.0230747	.9214610
Stddev	.013851	.02595	.0005420	.0002423	.0092211	.0038114	.0208129
%RSD	.5582359	.1015129	1.904526	19.33777	7.790011	16.51751	2.258683

#1	2.468625	25.54002	.0278393	.0009908	.1244233	.0213352	.9079882
#2	2.478966	25.56330	.0288403	.0012997	.1229299	.0204434	.9109627
#3	2.496052	25.59184	.0287004	.0014687	.1077577	.0274454	.9454322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6220323	.6037082	-.075648	-.000303	2.473130	1.782781	.0000470
Stddev	.0403968	.0006318	.000657	.000179	.017743	.018897	.0010203
%RSD	6.494322	.1046566	.8683231	59.00897	.7174493	1.059967	2172.749

#1	.6632827	.6033976	-.076282	-.000497	2.487207	1.804586	-.000144
#2	.5825470	.6032919	-.074970	-.000144	2.478983	1.771170	.001149
#3	.6202672	.6044352	-.075692	-.000268	2.453199	1.772588	-.000864

Sample Name: I3078-21DLX10 Acquired: 5/19/2017 17:17:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0786271	.0029934	.0254816
Stddev	.0016376	.0001155	.0001014
%RSD	2.082691	3.857891	.3977645

#1	.0803889	.0031203	.0255167
#2	.0783410	.0029657	.0255607
#3	.0771515	.0028943	.0253673

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.528	2603.461	55053.91	4638.381	3496.966
Stddev	7.660	8.728	115.17	20.555	10.301
%RSD	.4400739	.3352461	.2091925	.4431539	.2945659

#1	1732.004	2595.347	54954.88	4617.909	3491.165
#2	1746.834	2602.340	55026.55	4659.019	3490.874
#3	1742.745	2612.695	55180.29	4638.215	3508.859

Sample Name: I3080-21DLX10 Acquired: 5/19/2017 17:21:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA5587 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114217	-.002845	5.924908	-.009457	.0015844	6.422146	.8591928
Stddev	.0024788	.001988	.022298	.001992	.0011887	.035805	.0053014
%RSD	21.70275	69.87629	.3763395	21.06096	75.02573	.5575180	.6170213

#1	.0135061	-.004166	5.901531	-.008444	.0025952	6.443185	.8651777
#2	.0086807	-.000559	5.927252	-.011752	.0002748	6.442449	.8573142
#3	.0120783	-.003809	5.945942	-.008176	.0018833	6.380805	.8550866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013513	.0169341	80.79759	.0076934	.0395388	.1435177	31.77971
Stddev	.0000240	.0001135	.16682	.0002690	.0003748	.0040716	.05709
%RSD	1.778570	.6701892	.2064644	3.496650	.9478226	2.836977	.1796280

#1	.0013577	.0168092	80.91627	.0078424	.0391609	.1397613	31.72635
#2	.0013715	.0170310	80.86964	.0078550	.0395450	.1429475	31.77288
#3	.0013248	.0169622	80.60685	.0073829	.0399104	.1478443	31.83991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.855157	42.21492	.0423787	.0020407	.0903549	.0177519	1.129479
Stddev	.010074	.15296	.0005625	.0001982	.1990674	.0015010	.008945
%RSD	.3528517	.3623457	1.327371	9.710168	220.3173	8.455255	.7919236

#1	2.863584	42.17033	.0421588	.0020324	.2531782	.0174367	1.122527
#2	2.857888	42.08921	.0430179	.0022429	.1494575	.0193854	1.139570
#3	2.843999	42.38523	.0419593	.0018469	-.131571	.0164336	1.126341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5660534	.3776940	-.087622	-.000260	1.524387	.9138604	-.001388
Stddev	.0183264	.0018716	.000867	.000058	.014444	.0058967	.000667
%RSD	3.237576	.4955413	.9898465	22.40364	.9475421	.6452486	48.01308

#1	.5529157	.3762097	-.088494	-.000327	1.508257	.9086781	-.001553
#2	.5582553	.3770756	-.087613	-.000233	1.536127	.9126267	-.000655
#3	.5869891	.3797965	-.086759	-.000220	1.528779	.9202763	-.001958

Sample Name: I3080-21DLX10 Acquired: 5/19/2017 17:21:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA5587 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0725361	.0034492	.0294459
Stddev	.0003985	.0002837	.0001890
%RSD	.5494265	8.226555	.6416932

#1	.0728484	.0037758	.0296639
#2	.0720873	.0032635	.0293460
#3	.0726728	.0033082	.0293280

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.577	2568.453	54300.27	4614.511	3407.979
Stddev	8.981	2.620	119.46	16.478	2.883
%RSD	.5231971	.1019984	.2199933	.3571010	.0845907

#1	1722.633	2570.957	54193.79	4596.935	3410.921
#2	1706.259	2568.671	54277.57	4616.986	3407.857
#3	1720.841	2565.731	54429.45	4629.611	3405.159

Sample Name: I3080-22DLX10 Acquired: 5/19/2017 17:25:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124551	-.003708	6.168488	-.008918	.0006542	6.600111	.9036077
Stddev	.0012493	.001614	.007056	.002679	.0007918	.029892	.0022305
%RSD	10.03049	43.53040	.1143893	30.03510	121.0310	.4528950	.2468485

#1	.0133968	-.005522	6.176634	-.011724	.0009379	6.584150	.9011242
#2	.0110378	-.002431	6.164307	-.008642	.0012650	6.634595	.9042581
#3	.0129307	-.003171	6.164521	-.006389	-.000240	6.581588	.9054407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013890	.0178107	84.74863	.0078610	.0413885	.1495662	33.35208
Stddev	.0001250	.0001283	.36429	.0003523	.0002431	.0030294	.14898
%RSD	9.000510	.7201053	.4298423	4.481869	.5872512	2.025489	.4466876

#1	.0015271	.0179561	84.73246	.0080236	.0416421	.1467624	33.30311
#2	.0013564	.0177623	84.39270	.0074568	.0411576	.1491567	33.23375
#3	.0012836	.0177137	85.12073	.0081027	.0413656	.1527796	33.51939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.984640	44.54971	.0444016	.0020769	.0453468	.0155671	1.210841
Stddev	.017520	.35167	.0006383	.0003720	.1467150	.0056834	.015602
%RSD	.5870005	.7893802	1.437484	17.90900	323.5397	36.50881	1.288528

#1	2.977596	44.27585	.0436662	.0024984	.2124520	.0092488	1.196803
#2	2.971739	44.42698	.0448112	.0019379	-.014077	.0202626	1.208081
#3	3.004586	44.94629	.0447274	.0017945	-.062334	.0171900	1.227638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5985942	.3908693	-.091967	-.000024	1.586300	1.074392	-.000861
Stddev	.0301643	.0056504	.001912	.000128	.013868	.006710	.000796
%RSD	5.039188	1.445590	2.079039	544.4746	.8742330	.6245225	92.48933

#1	.5738225	.3943397	-.093421	.000020	1.588100	1.077477	-.000835
#2	.5897750	.3939189	-.089801	.000077	1.599180	1.066694	-.001670
#3	.6321851	.3843494	-.092678	-.000168	1.571620	1.079004	-.000078

Sample Name: I3080-22DLX10 Acquired: 5/19/2017 17:25:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0Y7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0753869	.0040577	.0308326
Stddev	.0005471	.0001246	.0002523
%RSD	.7256877	3.069929	.8182214

#1	.0747606	.0039148	.0307331
#2	.0756284	.0041439	.0306452
#3	.0757716	.0041143	.0311195

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.830	2571.365	54368.29	4578.585	3407.030
Stddev	3.118	15.847	273.55	22.934	14.870
%RSD	.1804518	.6163038	.5031454	.5009046	.4364469

#1	1730.804	2556.122	54558.39	4579.356	3391.139
#2	1728.099	2570.217	54491.70	4601.124	3409.344
#3	1724.586	2587.755	54054.77	4555.275	3420.607

Sample Name: I3077-11A Acquired: 5/19/2017 17:38:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405476	-.023203	3.901589	-.043494	.0029339	8.023059	.5629157
Stddev	.0009560	.003707	.005028	.001379	.0010818	.013553	.0009031
%RSD	2.357679	15.97544	.1288742	3.170374	36.87374	.1689294	.1604367

#1	.0394919	-.020919	3.906076	-.045085	.0039983	8.020827	.5637558
#2	.0407960	-.027480	3.896155	-.042749	.0029677	8.037590	.5630306
#3	.0413548	-.021210	3.902537	-.042649	.0018355	8.010761	.5619606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057869	.0261670	583.6572	.0667766	.0727689	.0914112	192.3451
Stddev	.0000435	.0002003	.4790	.0008653	.0003143	.0009311	.6566
%RSD	.7518251	.7654922	.0820766	1.295787	.4318766	1.018570	.3413514

#1	.0057488	.0261215	583.8694	.0668312	.0724182	.0908348	192.2177
#2	.0057775	.0259933	583.1087	.0658853	.0730250	.0909134	191.7616
#3	.0058343	.0263861	583.9935	.0676133	.0728635	.0924854	193.0561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.78794	315.3396	.0700538	-.001573	1.536905	.1008353	4.479424
Stddev	.03811	1.2489	.0004720	.000397	.122675	.0014526	.006387
%RSD	.2413877	.3960594	.6738058	25.22342	7.981951	1.440541	.1425743

#1	15.82993	314.7472	.0703111	-.001310	1.467734	.1019864	4.481789
#2	15.75553	314.4971	.0703413	-.002029	1.464436	.0992032	4.472192
#3	15.77837	316.7745	.0695091	-.001379	1.678545	.1013161	4.484291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3584418	1.817533	-.522690	-.001293	8.179872	4.000865	.0026383
Stddev	.0190628	.005549	.003573	.000137	.025645	.023338	.0006303
%RSD	5.318252	.3052920	.6836107	10.60311	.3135189	.5833115	23.89190

#1	.3804421	1.823002	-.526526	-.001388	8.193440	4.020378	.0025065
#2	.3468249	1.811908	-.522087	-.001136	8.150293	3.975013	.0033240
#3	.3480583	1.817688	-.519456	-.001356	8.195884	4.007206	.0020842

Sample Name: I3077-11A Acquired: 5/19/2017 17:38:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2555512	.0132595	.1517048
Stddev	.0004554	.0008027	.0002806
%RSD	.1782035	6.053578	.1849706

#1	.2550258	.0139604	.1520023
#2	.2557942	.0123839	.1514449
#3	.2558335	.0134343	.1516671

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1534.408	2304.333	50049.88	4535.745	2763.575
Stddev	9.819	6.892	110.58	14.524	6.178
%RSD	.6399239	.2990971	.2209342	.3202098	.2235371

#1	1525.614	2298.005	49942.75	4520.153	2757.001
#2	1532.608	2303.318	50043.27	4548.890	2764.463
#3	1545.003	2311.677	50163.61	4538.192	2769.260

Sample Name: I3073-02 Acquired: 5/19/2017 17:42:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB11116 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664714	-.017480	11.25217	-.035489	.0041283	81.06277	7.698691
Stddev	.0015850	.003169	.17770	.002731	.0014561	.12020	.017632
%RSD	2.384421	18.12671	1.579241	7.696795	35.27067	.1482823	.2290199

#1	.0652716	-.013872	11.44080	-.037999	.0043149	81.15707	7.719009
#2	.0682682	-.019812	11.22777	-.035888	.0025879	80.92742	7.687414
#3	.0658744	-.018755	11.08793	-.032580	.0054821	81.10382	7.689649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091248	.0504382	118.7111	.1205716	.1868157	.3626279	191.5412
Stddev	.0001784	.0007755	.2897	.0001932	.0028655	.0032877	.5608
%RSD	1.955293	1.537566	.2440645	.1602599	1.533858	.9066391	.2927954

#1	.0090640	.0513038	118.7991	.1204471	.1895439	.3651622	192.0325
#2	.0089848	.0502041	118.3876	.1204735	.1870729	.3589129	190.9302
#3	.0093257	.0498067	118.9467	.1207942	.1838303	.3638087	191.6608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.91366	65.44948	.2198434	-.000183	1.138674	.2535277	3.182546
Stddev	.02521	.24382	.0042405	.000298	.122081	.0017791	.058877
%RSD	.1811928	.3725262	1.928864	162.6587	10.72133	.7017522	1.850008

#1	13.90885	65.35939	.2243875	-.000527	1.250076	.2514739	3.183431
#2	13.89119	65.26353	.2191510	-.000015	1.157779	.2545136	3.240976
#3	13.94092	65.72552	.2159918	-.000008	1.008167	.2545956	3.123231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.871111	4.270144	-.513297	.0009692	9.481463	29.80333	.0088855
Stddev	.024581	.056079	.001515	.0001610	.148212	.08231	.0002874
%RSD	.3577458	1.313284	.2952426	16.61098	1.563174	.2761796	3.234266

#1	6.895350	4.329931	-.514433	.0009611	9.645636	29.86745	.0087419
#2	6.846201	4.261793	-.511576	.0011341	9.441235	29.71051	.0092164
#3	6.871782	4.218710	-.513882	.0008124	9.357518	29.83204	.0086983

Sample Name: I3073-02 Acquired: 5/19/2017 17:42:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB11116 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8787600	.0522729	.1289715
Stddev	.0058539	.0007279	.0005171
%RSD	.6661534	1.392532	.4009088

#1	.8838278	.0528417	.1295033
#2	.8723523	.0525244	.1284706
#3	.8801000	.0514526	.1289406

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.898	2795.455	60245.28	5334.038	3149.429
Stddev	7.016	32.573	181.86	13.926	47.091
%RSD	.3755943	1.165208	.3018635	.2610721	1.495230

#1	1863.804	2760.852	60124.75	5324.859	3100.675
#2	1863.890	2799.990	60454.46	5350.062	3152.952
#3	1875.998	2825.523	60156.62	5327.194	3194.660

Sample Name: I3071-18A Acquired: 5/19/2017 17:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0E5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559045	-.012883	10.26711	-.027497	.0020266	66.85788	4.390739
Stddev	.0006609	.000844	.02987	.003982	.0019264	.63993	.033409
%RSD	1.182116	6.547956	.2908969	14.48216	95.05398	.9571541	.7608888

#1	.0559735	-.013334	10.29856	-.027473	.0017914	66.25798	4.359554
#2	.0565282	-.013405	10.23913	-.031490	.0002287	67.53147	4.425998
#3	.0552119	-.011910	10.26365	-.023526	.0040598	66.78418	4.386665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075587	.0315809	93.73121	.1057408	.1427040	.3052402	156.1719
Stddev	.0000449	.0003330	1.09136	.0006015	.0001377	.0038660	1.2830
%RSD	.5944433	1.054506	1.164349	.5688042	.0964697	1.266540	.8215387

#1	.0075498	.0319403	92.75010	.1063812	.1428445	.3040404	155.0253
#2	.0076073	.0312829	94.90669	.1051879	.1426982	.3095638	157.5577
#3	.0075188	.0315194	93.53683	.1056531	.1425694	.3021163	155.9327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29250	44.04198	.1742258	-.000416	.8210944	.2191513	5.219965
Stddev	.10443	.42389	.0001810	.000252	.1122808	.0065101	.013969
%RSD	1.014582	.9624663	.1038891	60.59112	13.67453	2.970580	.2676153

#1	10.19660	43.69596	.1742317	-.000134	.9463037	.2121392	5.207352
#2	10.40375	44.51480	.1744037	-.000496	.7293528	.2203115	5.234979
#3	10.27714	43.91517	.1740419	-.000618	.7876268	.2250033	5.217563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.154079	3.735356	-.408036	.0007179	10.26619	35.82955	.0074154
Stddev	.060681	.009793	.002321	.0005009	.02726	.31938	.0010821
%RSD	.8481959	.2621713	.5687724	69.77109	.2654948	.8913880	14.59222

#1	7.117830	3.745331	-.408503	.0004903	10.29766	35.73586	.0063280
#2	7.224132	3.734982	-.410088	.0003712	10.25051	36.18529	.0074261
#3	7.120274	3.725755	-.405517	.0012922	10.25039	35.56749	.0084921

Sample Name: I3071-18A Acquired: 5/19/2017 17:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0E5A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.007018	.0420695	.1088953
Stddev	.023441	.0007369	.0009112
%RSD	2.327776	1.751646	.8367439

#1	.979968	.0412521	.1081965
#2	1.021389	.0426829	.1099259
#3	1.019698	.0422736	.1085635

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.153	2762.979	58983.89	5164.699	3251.901
Stddev	4.105	3.085	104.64	38.252	5.017
%RSD	.2223767	.1116534	.1774032	.7406524	.1542733

#1	1841.496	2764.415	59042.50	5180.793	3246.144
#2	1849.247	2759.438	58863.08	5121.029	3254.220
#3	1847.716	2765.085	59046.10	5192.274	3255.338

Sample Name: I3211-01A Acquired: 5/19/2017 17:50:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000436	.0661817	.0209393	-.001885	-.000260	3.490738	.0081914
Stddev	.0019479	.0001607	.0008040	.001697	.000211	.017712	.0005550
%RSD	4463.837	.2428418	3.839428	90.02955	80.95018	.5074023	6.775356

#1	-.000440	.0660115	.0200859	-.003693	-.000163	3.478658	.0075507
#2	.002188	.0663309	.0216824	-.001637	-.000115	3.482485	.0085237
#3	-.001617	.0662028	.0210495	-.000326	-.000502	3.511070	.0084999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002832	.0005948	.2501827	.0378836	.0003375	.0105540	23.60592
Stddev	.0000288	.0000995	.0018526	.0004270	.0001802	.0017572	.07152
%RSD	10.17658	16.72842	.7404910	1.127137	53.40661	16.64937	.3029842

#1	.0002533	.0004855	.2486223	.0375844	.0001461	.0085293	23.68409
#2	.0003107	.0006802	.2522301	.0383725	.0005039	.0116801	23.54375
#3	.0002855	.0006187	.2496956	.0376937	.0003624	.0114527	23.58992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126845	.0883981	.0009423	.0001365	-.068167	.0378000	-.002748
Stddev	.0007873	.0290637	.0002481	.0004656	.084565	.0032309	.016046
%RSD	6.206988	32.87816	26.33007	341.2238	124.0548	8.547360	583.9762

#1	.0129889	.0616235	.0011126	-.000363	-.152310	.0348947	-.004384
#2	.0117904	.0842628	.0006576	.000558	-.069006	.0412795	.014054
#3	.0132742	.1193079	.0010566	.000215	.016814	.0372258	-.017914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.500139	.0637990	-.070359	.0012026	2.494697	2.157875	.0059715
Stddev	.013005	.0029099	.001655	.0000543	.013974	.003639	.0010495
%RSD	2.600352	4.561006	2.352263	4.518000	.5601502	.1686612	17.57521

#1	-.513772	.0666686	-.072256	.0011404	2.498139	2.159603	.0050879
#2	-.487868	.0608505	-.069612	.0012410	2.479323	2.160328	.0071316
#3	-.498776	.0638779	-.069209	.0012262	2.506628	2.153693	.0056949

Sample Name: I3211-01A Acquired: 5/19/2017 17:50:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: EME-BF001-01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6308812	-.002206	.0038717
Stddev	.0043919	.000685	.0000969
%RSD	.6961597	31.04441	2.502359

#1	.6258529	-.001423	.0038806
#2	.6339667	-.002502	.0039638
#3	.6328240	-.002693	.0037706

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.827	2636.886	56683.51	4723.173	3786.921
Stddev	11.784	8.915	89.21	17.030	9.964
%RSD	.6647144	.3380905	.1573871	.3605544	.2631117

#1	1764.560	2631.512	56654.37	4704.202	3780.176
#2	1767.601	2631.969	56612.51	4737.142	3782.223
#3	1786.321	2647.177	56783.65	4728.174	3798.366

Sample Name: CCV029 Acquired: 5/19/2017 17:54:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.896824	4.687912	24.36381	4.740797	4.771959	382.1235
Stddev	.020881	.002781	.02596	.019717	.023239	.7057
%RSD	.4264114	.0593177	.1065476	.4159097	.4869866	.1846861

#1	4.919737	4.687047	24.39367	4.759301	4.798097	382.8536
#2	4.891870	4.685666	24.35118	4.720057	4.753632	381.4450
#3	4.878866	4.691022	24.34658	4.743032	4.764147	382.0720

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.495939	.4899673	2.385766	380.4300	14.54536	2.401987
Stddev	.040391	.0004179	.002511	.5540	.02239	.001014
%RSD	.4253509	.0852832	.1052339	.1456266	.1539568	.0422246

#1	9.541947	.4901753	2.385358	381.0580	14.56276	2.400819
#2	9.479557	.4894863	2.388456	380.0107	14.55322	2.402640
#3	9.466313	.4902404	2.383484	380.2212	14.52010	2.402503

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80446	407.0075	13.85126	411.8403	2.355616	1.211240
Stddev	.04441	.8552	.03751	1.3936	.001932	.000307
%RSD	.2999623	.2101240	.2708363	.3383756	.0820043	.0253486

#1	14.85517	406.8967	13.89427	412.2180	2.357843	1.211499
#2	14.78574	406.2131	13.83427	410.2968	2.354600	1.211321
#3	14.77249	407.9127	13.82525	413.0061	2.354404	1.210901

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.3816	2.385514	15.05446	152.2874	5.061297	F 4.111229
Stddev	1.5729	.013833	.09341	.7729	.003887	.011168
%RSD	.3908962	.5798933	.6204623	.5075251	.0767894	.2716357

#1	404.0173	2.401132	14.95265	153.0970	5.065278	4.101394
#2	400.8801	2.374803	15.07452	151.5573	5.057513	4.108922
#3	402.2475	2.380606	15.13620	152.2079	5.061099	4.123369

Sample Name: CCV029 Acquired: 5/19/2017 17:54:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.747458	4.565405	5.032820	4.699370	4.954053	5.077735
Stddev	.012013	.025652	.014923	.004199	.009817	.022289
%RSD	.2530459	.5618878	.2965200	.0893521	.1981686	.4389637
#1	4.760301	4.593751	5.041442	4.694807	4.965197	5.103472
#2	4.736497	4.558675	5.015588	4.703072	4.946682	5.064702
#3	4.745577	4.543788	5.041430	4.700230	4.950279	5.065032

Elem	Sr4077
Units	ppm
Avg	4.974133
Stddev	.014828
%RSD	.2981088
#1	4.990248
#2	4.961065
#3	4.971085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.581	2137.642	46733.08	4268.613	2513.694
Stddev	4.436	9.795	59.45	5.654	5.923
%RSD	.3105411	.4582038	.1272052	.1324518	.2356230
#1	1424.328	2126.447	46734.04	4264.805	2507.263
#2	1428.236	2144.635	46673.17	4275.109	2514.894
#3	1433.180	2141.843	46792.05	4265.924	2518.925

Sample Name: CCB029 Acquired: 5/19/2017 17:58:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009095	.0014470	.0003029	-.001290	.0006127	.0050397	-.003214
Stddev	.0015366	.0008443	.0006480	.001042	.0006624	.0033960	.000826
%RSD	168.9643	58.34835	213.9595	80.76882	108.1187	67.38620	25.69403

#1	.0023255	.0014374	-.000397	-.000704	.0010087	.0013895	-.003008
#2	.0011273	.0022960	.000882	-.002493	-.000152	.0081058	-.004124
#3	-.000724	.0006075	.000424	-.000674	.000981	.0056237	-.002511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	-.000044	.0167649	-.000429	-.000121	-.000058	.0031117
Stddev	.000044	.000035	.0048658	.000295	.000275	.000713	.0108346
%RSD	125.8610	78.19081	29.02369	68.68321	226.7951	1235.066	348.1926

#1	.000015	-.000082	.0213241	-.000637	-.000356	.000540	.0077124
#2	-.000069	-.000015	.0173287	-.000092	.000181	-.000846	.0108866
#3	-.000052	-.000036	.0116417	-.000558	-.000187	.000133	-.009264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011871	.0292557	.0001080	.0004941	-.162119	-.002925	-.022620
Stddev	.0005003	.0139563	.0002123	.0002498	.171803	.002557	.008089
%RSD	42.14339	47.70462	196.6345	50.56121	105.9736	87.44588	35.76030

#1	.0017596	.0420075	.0003436	.0002681	-.183230	-.002028	-.021405
#2	.0008335	.0143462	.0000486	.0007623	.019264	-.005809	-.015207
#3	.0009683	.0314135	-.000068	.0004518	-.322391	-.000936	-.031247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124326	-.000646	.0052511	.0003634	-.013964	-.006370	.0003504
Stddev	.0226241	.001578	.0004063	.0002557	.004875	.000546	.0009293
%RSD	181.9743	244.3158	7.737442	70.34704	34.91440	8.575377	265.2024

#1	-.008079	.001175	.0056003	.0004741	-.015105	-.006619	.0011709
#2	.008678	-.001489	.0053479	.0000711	-.008619	-.005744	.0005390
#3	.036699	-.001624	.0048052	.0005451	-.018168	-.006748	-.000659

Sample Name: CCB029 Acquired: 5/19/2017 17:58:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB029 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011644	-.001014	.0000811
Stddev	.0008171	.000664	.0000078
%RSD	70.16948	65.43347	9.635503

#1	.0002210	-.000876	.0000803
#2	.0016261	-.000430	.0000737
#3	.0016462	-.001736	.0000892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.401	2689.867	56838.16	4611.073	3874.786
Stddev	8.932	3.745	47.98	9.658	1.366
%RSD	.4941885	.1392399	.0844152	.2094541	.0352430

#1	1812.775	2685.555	56848.48	4619.156	3873.280
#2	1797.090	2692.314	56785.86	4600.378	3875.136
#3	1812.338	2691.731	56880.14	4613.687	3875.943

Sample Name: I3135-08 Acquired: 5/19/2017 18:11:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1554754	-.015574	2.688987	-.034385	.0168090	73.23625	1.693122
Stddev	.0040775	.002065	.008155	.002353	.0002553	.40121	.009825
%RSD	2.622582	13.26085	.3032796	6.843949	1.519046	.5478265	.5802832

#1	.1520822	-.013202	2.688290	-.031740	.0170949	73.63444	1.704330
#2	.1543452	-.016547	2.681202	-.036245	.0166036	73.24221	1.685998
#3	.1599987	-.016973	2.697468	-.035171	.0167284	72.83209	1.689039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072723	.0246765	86.99884	.2253922	.0487233	.4667243	211.9021
Stddev	.0000750	.0000435	.18208	.0005455	.0003197	.0031101	1.2394
%RSD	1.031696	.1762439	.2092922	.2420401	.6560920	.6663577	.5849146

#1	.0073580	.0246376	87.15261	.2255948	.0486172	.4703114	212.2363
#2	.0072184	.0246686	87.04613	.2258073	.0490825	.4650788	212.9401
#3	.0072404	.0247235	86.79778	.2247743	.0484701	.4647827	210.5298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.372393	7.084923	.0945634	-.000732	1.943576	.2374648	4.375130
Stddev	.018171	.079609	.0005627	.000635	.189515	.0049289	.032466
%RSD	.2851570	1.123645	.5950808	86.81144	9.750858	2.075611	.7420469

#1	6.385372	7.004968	.0951575	-.000364	2.150821	.2317753	4.337722
#2	6.380182	7.164182	.0944945	-.001466	1.779101	.2401865	4.395953
#3	6.351626	7.085619	.0940384	-.000366	1.900805	.2404327	4.391715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.137995	26.06572	-.555524	.0081225	14.03013	2.661028	.0886734
Stddev	.049874	.04174	.004569	.0001579	.03518	.024914	.0014382
%RSD	.9706881	.1601167	.8224256	1.944125	.2507282	.9362590	1.621903

#1	5.176915	26.09743	-.557212	.0080515	14.07018	2.679950	.0882117
#2	5.155294	26.01844	-.559009	.0080125	14.00423	2.670334	.0902858
#3	5.081774	26.08129	-.550352	.0083034	14.01599	2.632801	.0875228

Sample Name: I3135-08 Acquired: 5/19/2017 18:11:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6799321	.0581233	.2772537
Stddev	.0022376	.0007358	.0015025
%RSD	.3290955	1.265970	.5419327

#1	.6822895	.0588737	.2788246
#2	.6796693	.0580931	.2771060
#3	.6778374	.0574030	.2758305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.085	2647.576	57432.63	4998.833	3327.251
Stddev	9.324	.351	152.26	27.519	5.741
%RSD	.5217305	.0132406	.2651052	.5505127	.1725558

#1	1794.864	2647.193	57581.21	4988.083	3324.697
#2	1789.642	2647.653	57276.95	4978.312	3333.827
#3	1776.750	2647.881	57439.72	5030.105	3323.230

Sample Name: I3135-09 Acquired: 5/19/2017 18:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972498	-.014986	2.418517	-.032140	.0094998	59.50484	1.480722
Stddev	.0027190	.000577	.015988	.001269	.0013444	.33801	.003727
%RSD	2.795909	3.849225	.6610460	3.949183	14.15156	.5680310	.2516950

#1	.0970045	-.015247	2.427207	-.031956	.0091650	59.35867	1.480558
#2	.1000832	-.015386	2.400067	-.033492	.0083544	59.26452	1.477081
#3	.0946618	-.014325	2.428278	-.030974	.0109799	59.89133	1.484529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068142	.0535198	31.18093	.1436136	.0414721	1.412139	193.6614
Stddev	.0002137	.0003591	.16152	.0004473	.0005176	.004560	1.9491
%RSD	3.136611	.6708763	.5180000	.3114884	1.248118	.3228889	1.006438

#1	.0067637	.0539214	31.21125	.1440548	.0410446	1.413377	194.0018
#2	.0066302	.0534083	31.00641	.1436258	.0413240	1.407088	191.5646
#3	.0070487	.0532297	31.32515	.1431603	.0420476	1.415952	195.4179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.333234	4.549579	.2186318	-.002089	1.115787	.1773319	4.149408
Stddev	.029071	.070511	.0011971	.000567	.057070	.0033002	.047079
%RSD	.5450939	1.549838	.5475420	27.16343	5.114795	1.861006	1.134603

#1	5.353827	4.478646	.2192085	-.001753	1.075586	.1804684	4.097990
#2	5.299979	4.550430	.2172555	-.002744	1.090665	.1776379	4.159832
#3	5.345895	4.619660	.2194314	-.001769	1.181108	.1738894	4.190401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.582685	8.539690	-.522088	.0108539	10.43663	6.860193	.0634397
Stddev	.012952	.059220	.006838	.0003877	.10038	.056547	.0015592
%RSD	.5014979	.6934727	1.309792	3.572074	.9618374	.8242822	2.457775

#1	2.573321	8.574600	-.527050	.0112153	10.52686	6.873789	.0652135
#2	2.597466	8.471314	-.514287	.0109021	10.32850	6.798087	.0622857
#3	2.577267	8.573157	-.524926	.0104444	10.45453	6.908702	.0628199

Sample Name: I3135-09 Acquired: 5/19/2017 18:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7423172	.0463058	.1070187
Stddev	.0053526	.0002705	.0007607
%RSD	.7210625	.5842501	.7107923

#1	.7455274	.0463241	.1071792
#2	.7361382	.0460266	.1061906
#3	.7452861	.0465667	.1076864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.773	2615.795	57226.58	4971.649	3350.581
Stddev	1.892	8.274	129.69	36.721	15.369
%RSD	.1069815	.3162950	.2266259	.7386018	.4587038

#1	1767.946	2607.070	57088.96	4962.026	3336.480
#2	1770.937	2623.528	57346.53	5012.223	3366.963
#3	1767.434	2616.789	57244.25	4940.697	3348.299

Sample Name: I3135-10 Acquired: 5/19/2017 18:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1389644	-.013234	2.161900	-.032092	.0129364	73.76472	1.489156
Stddev	.0028051	.001503	.008544	.001743	.0005618	.40481	.007361
%RSD	2.018542	11.35579	.3952190	5.429769	4.342522	.5487914	.4942755

#1	.1410585	-.011722	2.163792	-.033753	.0125580	73.30373	1.482005
#2	.1400574	-.014728	2.152569	-.030278	.0135819	74.06220	1.496710
#3	.1357774	-.013252	2.169340	-.032244	.0126692	73.92825	1.488752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083629	.0276058	70.13012	.1611010	.0381315	5.172358	210.9842
Stddev	.0001886	.0002926	.13322	.0002711	.0006050	.020648	.6659
%RSD	2.255573	1.059895	.1899570	.1682550	1.586494	.3992082	.3156073

#1	.0083686	.0275809	69.99798	.1610665	.0381814	5.152137	210.5647
#2	.0081714	.0273265	70.12799	.1613877	.0375031	5.171527	210.6360
#3	.0085486	.0279101	70.26439	.1608488	.0387099	5.193409	211.7520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.340719	6.979788	.1062737	-.002340	1.142419	.2393381	3.289644
Stddev	.032674	.125066	.0011029	.000392	.126844	.0038131	.059511
%RSD	.6117937	1.791827	1.037840	16.76285	11.10315	1.593164	1.809044

#1	5.302998	7.038292	.1061329	-.001905	.995953	.2356029	3.278389
#2	5.360264	7.064880	.1052478	-.002666	1.214976	.2432245	3.353979
#3	5.358894	6.836193	.1074402	-.002451	1.216327	.2391870	3.236564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.799411	14.13630	-.564440	.0159790	11.38217	12.64161	.0620962
Stddev	.028364	.05024	.005034	.0001762	.03181	.05810	.0027725
%RSD	.7465239	.3554048	.8917706	1.102632	.2794692	.4595791	4.464791

#1	3.800891	14.16547	-.570204	.0158141	11.37705	12.60028	.0637501
#2	3.770337	14.07829	-.560911	.0159584	11.35323	12.61650	.0588954
#3	3.827006	14.16515	-.562206	.0161646	11.41623	12.70804	.0636430

Sample Name: I3135-10 Acquired: 5/19/2017 18:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC38 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8608523	.0481374	.2253172
Stddev	.0057003	.0009788	.0004108
%RSD	.6621644	2.033333	.1823194

#1	.8674052	.0478507	.2249632
#2	.8570393	.0473340	.2252208
#3	.8581124	.0492276	.2257676

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.391	2550.389	56046.80	4857.458	3268.895
Stddev	13.042	5.365	83.47	7.457	11.016
%RSD	.7515148	.2103528	.1489260	.1535132	.3370076

#1	1728.085	2546.083	55994.11	4853.848	3263.450
#2	1727.640	2556.399	56003.24	4866.033	3281.574
#3	1750.448	2548.684	56143.03	4852.494	3261.662

Sample Name: I3135-11 Acquired: 5/19/2017 18:23:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703107	-.011283	1.008860	-.020469	.0073786	80.42615	1.047700
Stddev	.0039238	.001210	.001884	.002590	.0006299	.16802	.003132
%RSD	5.580646	10.72101	.1867110	12.65528	8.537346	.2089119	.2989710

#1	.0684705	-.010024	1.011003	-.021411	.0077925	80.60445	1.051074
#2	.0748163	-.012436	1.007464	-.017540	.0076895	80.27076	1.047141
#3	.0676452	-.011388	1.008114	-.022457	.0066536	80.40326	1.044885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060112	.0527019	71.18158	.1537467	.0758976	.3397295	176.7266
Stddev	.0000596	.0000725	.09057	.0006035	.0001740	.0053198	.6508
%RSD	.9916375	.1374984	.1272357	.3925507	.2292910	1.565887	.3682523

#1	.0059426	.0527832	71.28248	.1532335	.0757221	.3440404	177.3617
#2	.0060406	.0526783	71.15495	.1535950	.0759007	.3337843	176.0612
#3	.0060504	.0526442	71.10732	.1544116	.0760701	.3413639	176.7568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.630966	10.30161	.0922971	.0007465	1.288862	.1927510	2.904341
Stddev	.013947	.14093	.0003811	.0001113	.222009	.0013642	.025776
%RSD	.2476895	1.368003	.4129464	14.90555	17.22519	.7077538	.8874895

#1	5.643695	10.41906	.0926184	.0006880	1.487274	.1911770	2.877712
#2	5.616057	10.14534	.0918760	.0008748	1.049077	.1935917	2.906140
#3	5.633145	10.34042	.0923969	.0006767	1.330234	.1934844	2.929169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.222231	18.00388	-.470150	.0055061	10.19691	7.778643	.0456397
Stddev	.021097	.03897	.000746	.0003868	.03637	.029256	.0002535
%RSD	.4039822	.2164260	.1587294	7.024983	.3566319	.3761005	.5554032

#1	5.225030	18.04661	-.470616	.0050994	10.23208	7.790617	.0453471
#2	5.199875	17.97031	-.470545	.0055496	10.15946	7.745299	.0457813
#3	5.241789	17.99473	-.469289	.0058693	10.19918	7.800012	.0457908

Sample Name: I3135-11 Acquired: 5/19/2017 18:23:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7587371	.0527949	.1676151
Stddev	.0023166	.0011289	.0001826
%RSD	.3053247	2.138208	.1089394

#1	.7592383	.0515174	.1677144
#2	.7607622	.0532095	.1674043
#3	.7562110	.0536579	.1677265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.426	2585.538	56123.23	4844.947	3298.040
Stddev	4.104	8.850	67.54	15.684	7.175
%RSD	.2339415	.3423006	.1203458	.3237174	.2175653

#1	1752.491	2584.739	56176.91	4830.685	3290.459
#2	1759.140	2594.761	56047.39	4861.744	3304.726
#3	1751.647	2577.114	56145.39	4842.411	3298.934

Sample Name: I3135-12 Acquired: 5/19/2017 18:27:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166279	-.013448	5.264373	-.036103	.0067145	69.16084	2.394581
Stddev	.0032016	.001129	.014536	.006072	.0019793	.23655	.004281
%RSD	2.745171	8.396392	.2761164	16.81962	29.47791	.3420248	.1787795

#1	.1170052	-.012270	5.260051	-.031560	.0083654	69.33860	2.394096
#2	.1132543	-.014521	5.280580	-.033749	.0072578	69.25157	2.399083
#3	.1196242	-.013553	5.252489	-.043000	.0045203	68.89236	2.390563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061169	.0216311	150.9648	.2239685	.0588195	.3560365	192.5400
Stddev	.0000745	.0002114	.2301	.0009250	.0002118	.0032754	.2431
%RSD	1.217817	.9774413	.1524143	.4130259	.3600698	.9199692	.1262445

#1	.0060466	.0214017	150.8049	.2230907	.0587691	.3529874	192.7549
#2	.0061093	.0216734	151.2285	.2249345	.0590520	.3594990	192.5890
#3	.0061950	.0218182	150.8610	.2238802	.0586375	.3556232	192.2762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.827175	31.06217	.0885117	-.002759	1.237928	.2163625	5.427128
Stddev	.022095	.09758	.0004910	.000217	.200890	.0025770	.032824
%RSD	.3236391	.3141562	.5546945	7.864711	16.22791	1.191043	.6048148

#1	6.829434	31.16177	.0879448	-.002519	1.413998	.2142077	5.457258
#2	6.848054	31.05802	.0887983	-.002940	1.019102	.2156628	5.431977
#3	6.804037	30.96673	.0887919	-.002819	1.280685	.2192171	5.392149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.114573	8.700835	-.492162	.0079277	19.03956	4.216788	.0309231
Stddev	.031548	.013113	.002695	.0003034	.03675	.005080	.0007832
%RSD	.4434234	.1507044	.5475123	3.827253	.1930299	.1204712	2.532612

#1	7.129003	8.696652	-.495004	.0076027	19.03830	4.216990	.0301194
#2	7.078391	8.715528	-.491836	.0079771	19.07693	4.221765	.0316839
#3	7.136325	8.690324	-.489645	.0082035	19.00345	4.211610	.0309661

Sample Name: I3135-12 Acquired: 5/19/2017 18:27:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAC40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.072266	.0593360	.2693778
Stddev	.003978	.0001845	.0011025
%RSD	.3709471	.3109474	.4092684

#1	1.073150	.0595364	.2699083
#2	1.075727	.0592984	.2701146
#3	1.067920	.0591732	.2681103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.471	2527.438	55365.79	4876.456	3201.538
Stddev	5.064	5.846	154.76	9.108	5.648
%RSD	.2939675	.2313187	.2795294	.1867845	.1764148

#1	1719.293	2522.485	55411.00	4868.881	3202.800
#2	1719.809	2525.941	55193.45	4873.925	3195.366
#3	1728.310	2533.887	55492.91	4886.563	3206.448

Sample Name: I3135-13 Acquired: 5/19/2017 18:31:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979195	-.021710	3.158819	-.045254	.0064194	80.74765	1.986330
Stddev	.0029735	.002695	.010289	.002810	.0005491	1.79122	.044000
%RSD	3.036649	12.41281	.3257382	6.208859	8.554028	2.218294	2.215131

#1	.1012626	-.023568	3.160727	-.043503	.0064783	79.41755	1.954121
#2	.0955702	-.018619	3.147709	-.043764	.0069367	82.78441	2.036463
#3	.0969257	-.022942	3.168022	-.048495	.0058432	80.04099	1.968406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093668	.0259989	209.3181	.2212326	.0670257	.4708235	248.4994
Stddev	.0003006	.0002968	4.4047	.0050040	.0002548	.0113331	5.4235
%RSD	3.208639	1.141590	2.104305	2.261858	.3801331	2.407084	2.182501

#1	.0091883	.0261951	206.7382	.2237189	.0669149	.4623086	245.5439
#2	.0097138	.0256574	214.4041	.2154724	.0668452	.4836869	254.7586
#3	.0091982	.0261442	206.8121	.2245065	.0673172	.4664751	245.1955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.408912	38.82232	.1287140	-.004143	1.835840	.1926460	5.509253
Stddev	.155245	.85852	.0008566	.000667	.058330	.0116378	.077538
%RSD	2.095380	2.211399	.6654999	16.10692	3.177306	6.041022	1.407421

#1	7.324041	38.26530	.1288442	-.004763	1.787794	.1863409	5.538279
#2	7.588090	39.81100	.1277997	-.003437	1.900742	.2060758	5.421390
#3	7.314605	38.39066	.1294980	-.004228	1.818983	.1855213	5.568092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.582666	9.863036	-.646555	.0102344	21.69769	12.32570	.0531382
Stddev	.268683	.006779	.015633	.0001299	.03848	.23933	.0015932
%RSD	3.130526	.0687362	2.417907	1.268815	.1773460	1.941713	2.998134

#1	8.419347	9.860171	-.630433	.0100855	21.70496	12.13193	.0548232
#2	8.892767	9.858159	-.661649	.0102938	21.65609	12.59323	.0529349
#3	8.435884	9.870777	-.647583	.0103240	21.73201	12.25196	.0516564

Sample Name: I3135-13 Acquired: 5/19/2017 18:31:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAC41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.157691	.0712277	.3732174
Stddev	.021662	.0011876	.0083527
%RSD	1.871094	1.667376	2.238034

#1	1.144649	.0700975	.3679296
#2	1.182696	.0724655	.3828468
#3	1.145729	.0711200	.3688758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.058	2522.590	55510.97	4848.311	3078.860
Stddev	16.714	10.191	691.57	106.794	12.163
%RSD	.9638590	.4039721	1.245833	2.202704	.3950440

#1	1733.801	2519.370	55361.47	4910.940	3074.552
#2	1750.898	2534.002	56265.07	4725.002	3092.591
#3	1717.474	2514.399	54906.38	4908.993	3069.438

Sample Name: CCV030 Acquired: 5/19/2017 18:35:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.891695	4.661393	24.30090	4.747988	4.793913	386.5684
Stddev	.017855	.019355	.15084	.019171	.016876	1.2827
%RSD	.3650164	.4152230	.6207240	.4037694	.3520211	.3318186

#1	4.896023	4.656887	24.21815	4.763305	4.790660	386.1075
#2	4.872073	4.644688	24.20955	4.726489	4.778900	388.0178
#3	4.906988	4.682603	24.47501	4.754169	4.812178	385.5797

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.538902	.4976122	2.380707	380.2349	14.52537	2.395301
Stddev	.033832	.0001092	.015102	1.9320	.11990	.014615
%RSD	.3546748	.0219464	.6343611	.5081154	.8254181	.6101587

#1	9.534646	.4977080	2.369486	378.2734	14.57766	2.384959
#2	9.574661	.4974933	2.374756	382.1361	14.38821	2.388923
#3	9.507400	.4976353	2.397878	380.2953	14.61024	2.412021

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87415	410.9772	13.75010	417.1590	2.352093	1.201490
Stddev	.04164	1.6817	.03746	1.7218	.012473	.008288
%RSD	.2799587	.4091930	.2724630	.4127552	.5303142	.6898050

#1	14.88688	409.5431	13.74401	417.0191	2.342577	1.205521
#2	14.90795	412.8281	13.79024	418.9465	2.347488	1.191957
#3	14.82763	410.5604	13.71606	415.5114	2.366214	1.206991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.8467	2.425907	14.85765	154.2668	5.058949	F 4.177249
Stddev	1.1253	.006640	.06707	.3975	.021981	.013331
%RSD	.2759117	.2737065	.4513942	.2576930	.4344946	.3191300

#1	408.6701	2.424125	14.90506	154.0810	5.053933	4.173260
#2	408.3055	2.433256	14.88698	154.7232	5.039909	4.192119
#3	406.5645	2.420340	14.78092	153.9962	5.083004	4.166367

Sample Name: CCV030 Acquired: 5/19/2017 18:35:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.766853	4.562827	5.096586	4.724872	4.973709	5.119977
Stddev	.017509	.024191	.008064	.038157	.023944	.015058
%RSD	.3673135	.5301760	.1582289	.8075668	.4814055	.2941083

#1	4.763943	4.535450	5.099885	4.714233	4.963451	5.129642
#2	4.750982	4.571712	5.102478	4.693163	5.001073	5.127661
#3	4.785636	4.581319	5.087396	4.767218	4.956604	5.102627

Elem	Sr4077
Units	ppm
Avg	5.003532
Stddev	.011918
%RSD	.2381828

#1	5.005735
#2	5.014194
#3	4.990667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.702	2142.198	46987.95	4269.194	2531.258
Stddev	7.952	3.557	268.45	7.252	8.761
%RSD	.5550103	.1660272	.5713069	.1698648	.3461032

#1	1423.728	2139.830	46807.81	4263.472	2533.741
#2	1438.871	2146.288	47296.48	4266.761	2538.510
#3	1435.506	2140.476	46859.55	4277.350	2521.524

Sample Name: CCB030 Acquired: 5/19/2017 18:39:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000398	.0002183	.0001410	-.000150	.0010214	.0148798	-.003762
Stddev	.001260	.0004569	.0007897	.001834	.0004839	.0044485	.000703
%RSD	316.6839	209.2790	559.9185	1223.297	47.37792	29.89646	18.69280

#1	-.001439	.0000033	-.000508	-.000330	.0006254	.0138782	-.004211
#2	-.000758	.0007431	.001020	-.001887	.0008779	.0197438	-.002952
#3	.001003	-.000091	-.000089	.001767	.0015608	.0110175	-.004125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.000015	.0198698	-.000144	-.000163	.0000372	.0151002
Stddev	.000076	.000062	.0069683	.000048	.000319	.0014811	.0093538
%RSD	118.7809	429.9200	35.06988	33.55781	195.1580	3979.226	61.94500

#1	-.000115	.000041	.0195462	-.000131	.000112	-.001666	.0212344
#2	.000023	-.000082	.0269943	-.000198	-.000513	.001021	.0043342
#3	-.000099	-.000003	.0130689	-.000104	-.000089	.000757	.0197321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014422	.0384372	.0001596	.0006767	-.061005	-.001802	-.029599
Stddev	.0006846	.0276196	.0004330	.0001623	.025427	.000540	.006364
%RSD	47.46912	71.85650	271.3173	23.98674	41.68000	29.99400	21.50059

#1	.0006763	.0065472	.0003973	.0005721	-.063284	-.001530	-.033901
#2	.0019947	.0540458	.0004216	.0008636	-.034516	-.001451	-.032608
#3	.0016555	.0547186	-.000340	.0005942	-.085217	-.002424	-.022289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125116	-.001776	.0051770	.0008166	-.000115	-.006676	.0000224
Stddev	.0388464	.001641	.0006173	.0001591	.008164	.000798	.0004420
%RSD	310.4838	92.37576	11.92436	19.47920	7100.427	11.95618	1972.234

#1	-.020429	.000087	.0046042	.0009712	-.006761	-.006043	.0003187
#2	.002615	-.002410	.0058309	.0008252	.008998	-.007572	.0002342
#3	.055349	-.003005	.0050960	.0006534	-.002582	-.006411	-.000486

Sample Name: CCB030 Acquired: 5/19/2017 18:39:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v14) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024518	-.000305	.0001822
Stddev	.0013815	.000528	.0000337
%RSD	56.34798	173.0102	18.48343

#1	.0040357	-.000806	.0001986
#2	.0014958	-.000355	.0002045
#3	.0018237	.000246	.0001435

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.984	2667.892	56424.12	4549.605	3856.786
Stddev	10.366	9.348	160.37	18.470	8.985
%RSD	.5755961	.3503931	.2842139	.4059780	.2329629

#1	1789.017	2663.925	56240.28	4567.302	3856.819
#2	1806.739	2661.182	56496.88	4530.448	3847.784
#3	1807.197	2678.569	56535.21	4551.065	3865.754