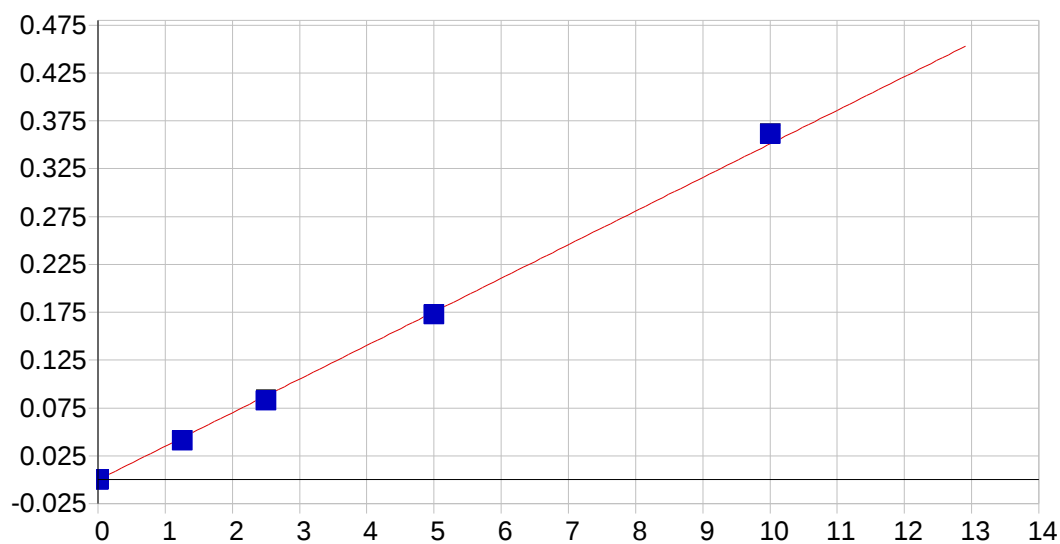


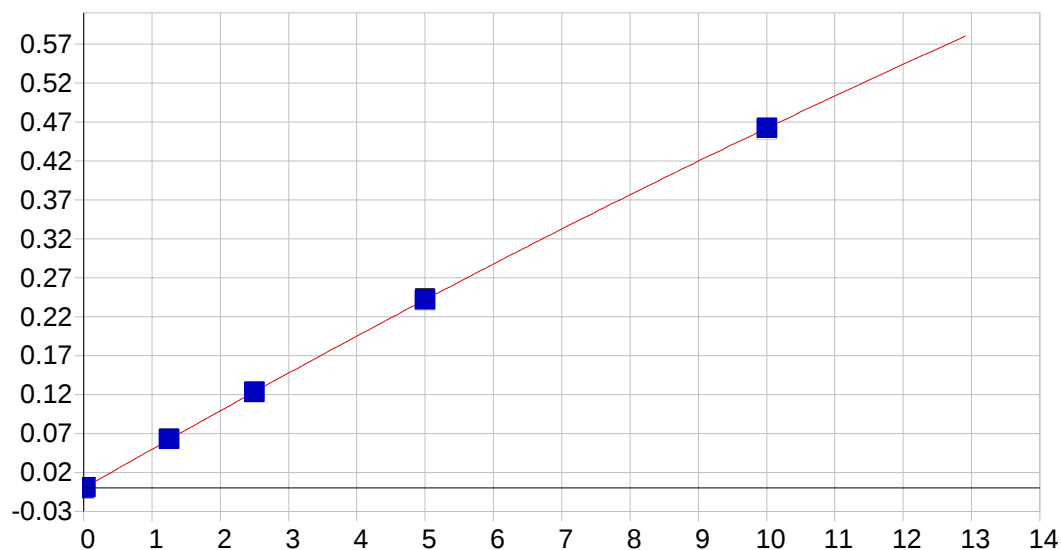


As 189.042 {479}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.035106 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999372 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003661
 Predicted MQL: 0.012202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.01299	.003	29.9	.00031	.000	1
S2	1.2500	1.1621	-.088	-7.03	.04066	.000	1
S3	2.5000	2.3669	-.133	-5.32	.08296	.000	1
S4	5.0000	4.9279	-.072	-1.44	.17288	.000	1
S5	10.000	10.290	.290	2.90	.36114	.001	1

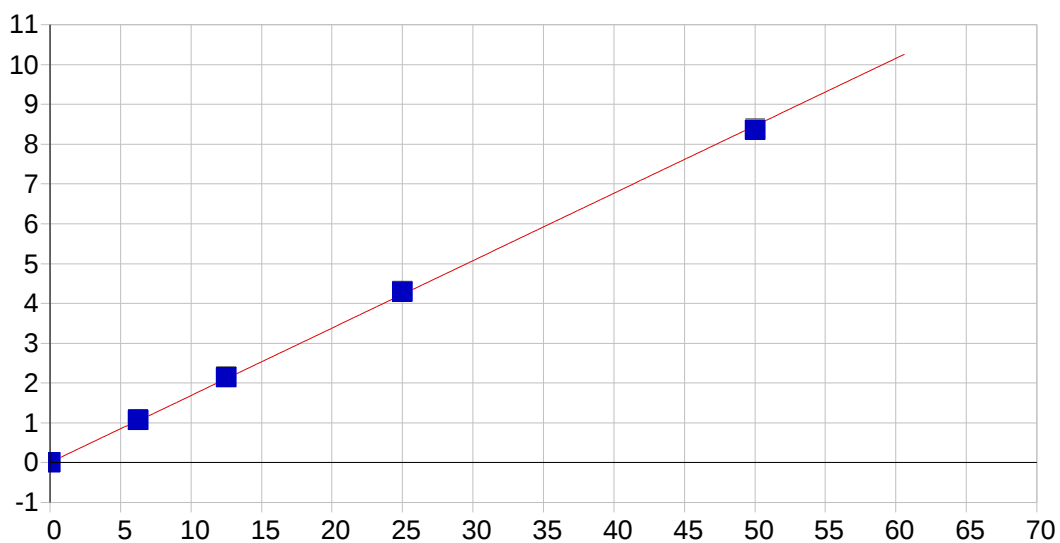


TI 190.856 {477}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000213 Re-Slope: 1.000000
 A1 (Gain): 0.050596 Y-int: 0.000000
 A2 (Curvature): -0.000438
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002033
 Predicted MQL: 0.006778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02500	.02633	.001	5.31	.00110	.000	1
S2	1.2500	1.2559	.006	.470	.06226	.000	1
S3	2.5000	2.4920	-.008	-.320	.12239	.000	1
S4	5.0000	4.9987	-.001	-.026	.24024	.001	1
S5	10.000	10.002	.002	.022	.45901	.000	1

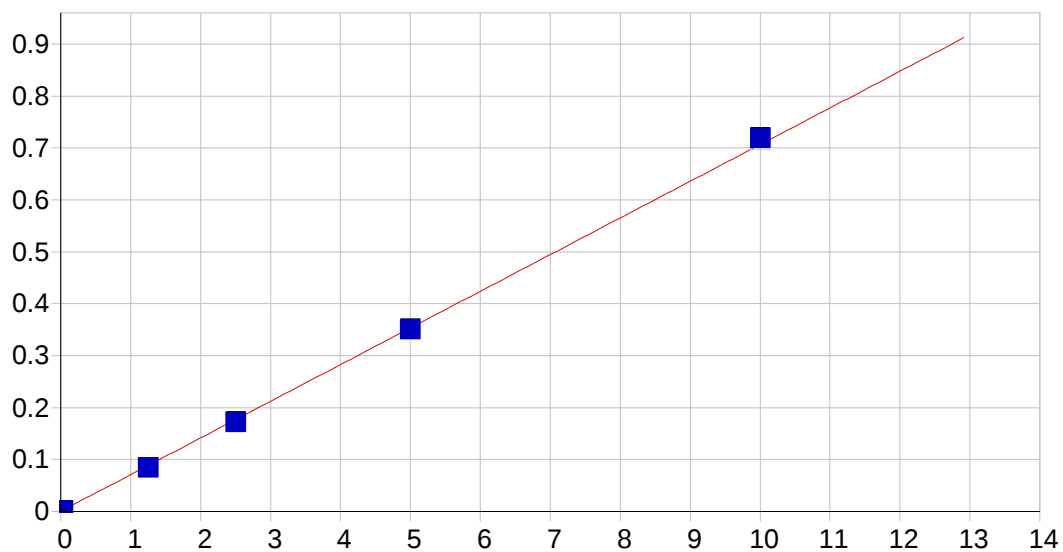


Pb 220.353 {453}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.169192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.001494
 Predicted MQL: 0.004980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.00892	-.001	-10.8	.00147	.000	1
S2	6.2500	6.3312	.081	1.30	1.0728	.001	1
S3	12.500	12.668	.168	1.34	2.1465	.002	1
S4	25.000	25.331	.331	1.33	4.2924	.018	1
S5	50.000	49.421	-.579	-1.16	8.3748	.012	1



Date of Fit: 12/26/2017 13:28:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000360

Re-Slope: 1.000000

A1 (Gain): 0.070597

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999750

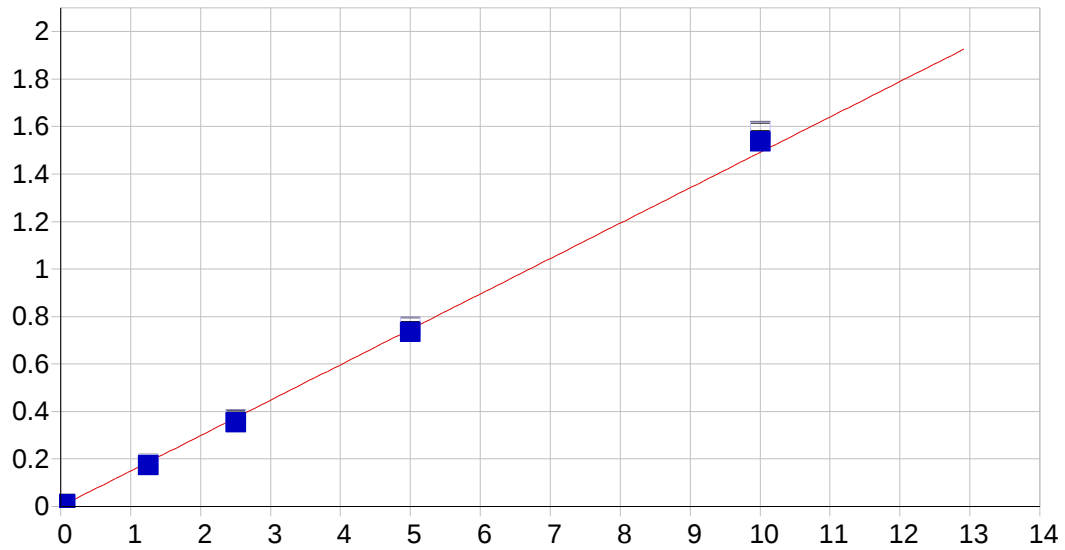
Status: OK.

Std Error of Est: 0.000049

Predicted MDL: 0.002683

Predicted MQL: 0.008943

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00036	.000	1
S1	.03500	.03058	-.004	-12.6	.00252	.000	1
S2	1.2500	1.1849	-.065	-5.20	.08360	.001	1
S3	2.5000	2.4287	-.071	-2.85	.17099	.001	1
S4	5.0000	4.9655	-.034	-.689	.34926	.001	1
S5	10.000	10.175	.175	1.75	.71539	.002	1

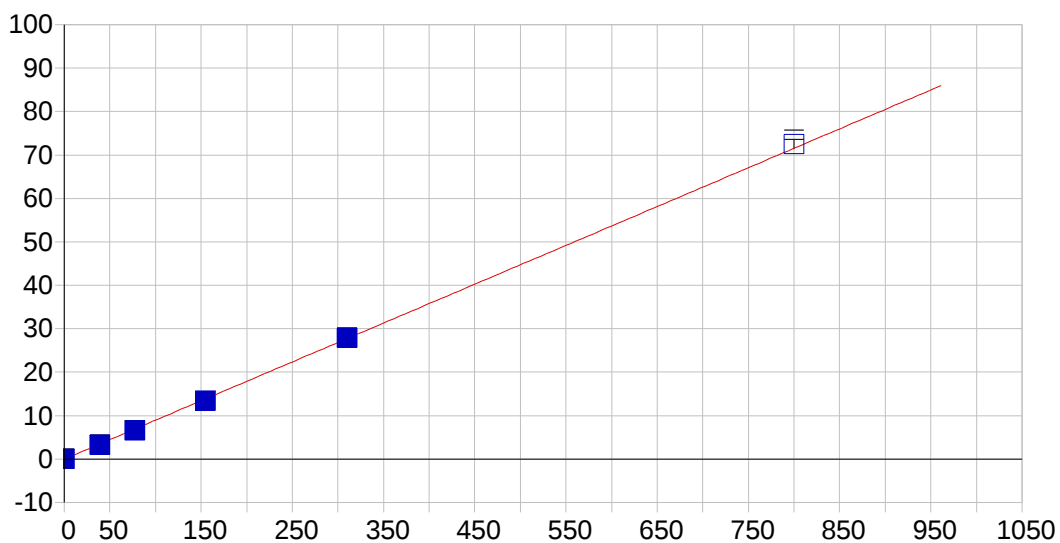


Sb 206.833 {463}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000500 Re-Slope: 1.000000
 A1 (Gain): 0.149079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999387 Status: OK.
 Std Error of Est: 0.000221
 Predicted MDL: 0.001406
 Predicted MQL: 0.004687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00050	.000	1
S1	.06000	.05557	-.004	-7.38	.00878	.000	1
S2	1.2500	1.1558	-.094	-7.53	.17788	.000	1
S3	2.5000	2.3726	-.127	-5.10	.36436	.001	1
S4	5.0000	4.9224	-.078	-1.55	.75462	.002	1
S5	10.000	10.304	.304	3.04	1.5771	.003	1

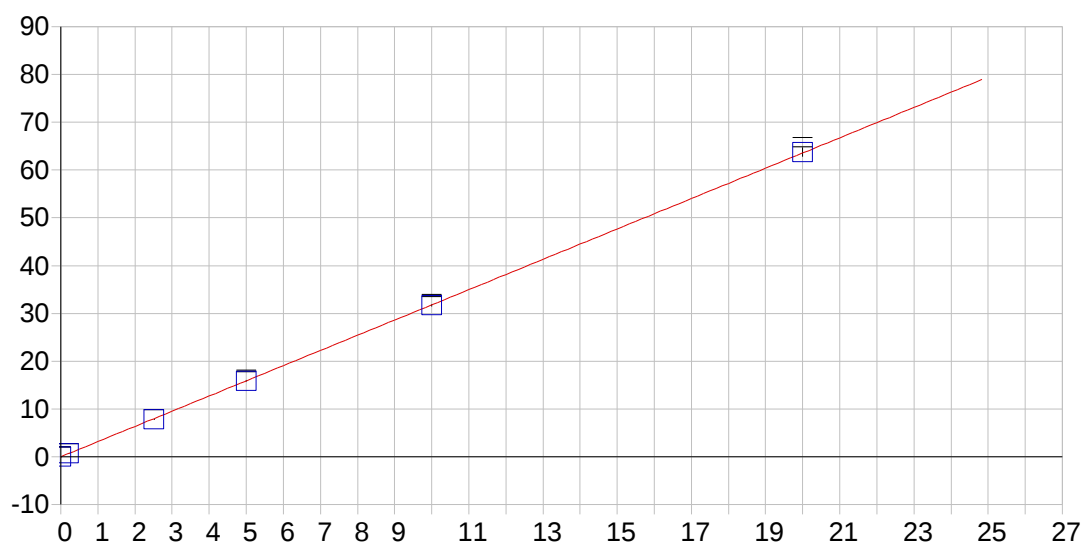


AI 396.152 { 85}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000550 Re-Slope: 1.000000
 A1 (Gain): 0.089436 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725 Status: OK.
 Std Error of Est: 0.001306
 Predicted MDL: 0.005459
 Predicted MQL: 0.018197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00055	.000	1
S1	.20000	.19630	-.004	-1.85	.01703	.000	1
S2	38.750	35.971	-2.78	-7.17	3.2198	.009	1
S3	77.500	72.962	-4.54	-5.86	6.5313	.013	1
S4	155.00	150.10	-4.90	-3.16	13.436	.010	1
S5	310.00	312.18	2.18	.703	27.945	.038	1
S6	800.00	810.06	10.1	1.26	72.447	1.07	1

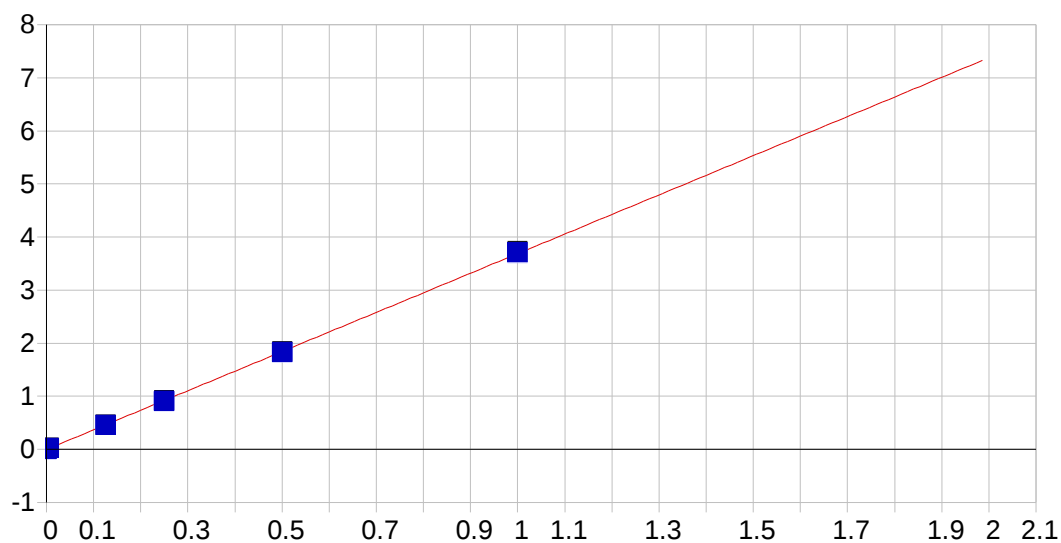


Ba 493.409 { 68}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011446 Re-Slope: 1.000000
 A1 (Gain): 3.178919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.001547
 Predicted MDL: 0.000312
 Predicted MQL: 0.001041

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01145	.001	1
S1	.20000	.20464	.005	2.32	.63909	.001	1
S2	2.5000	2.4685	-.031	-1.26	7.8358	.011	1
S3	5.0000	4.9930	-.007	-.139	15.861	.169	1
S4	10.000	9.9713	-.029	-.287	31.687	.236	1
S5	20.000	20.062	.062	.312	63.765	.966	1

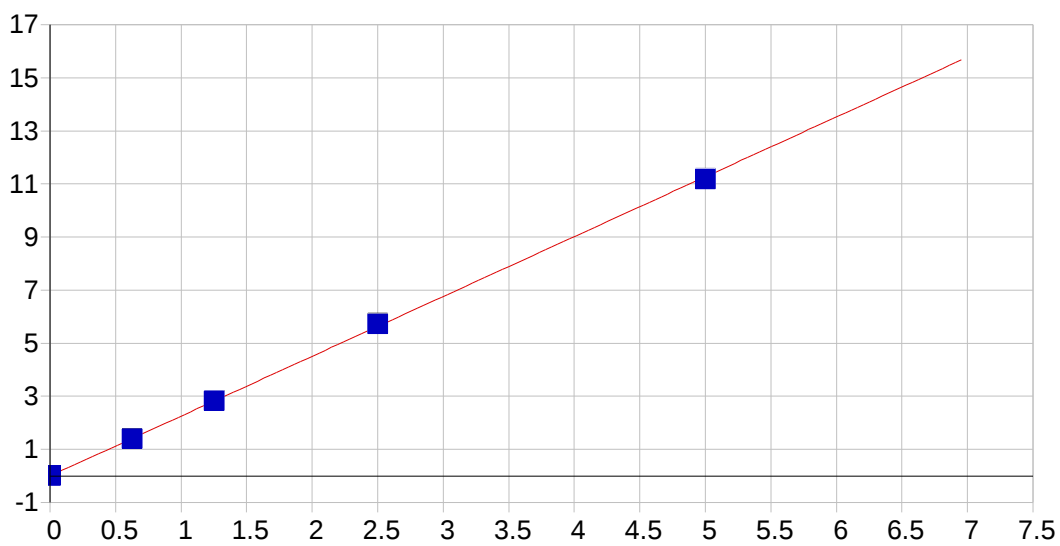


Be 234.861 {144}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001551	Re-Slope: 1.000000
A1 (Gain):	3.688922	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999961	Status: OK.
Std Error of Est:	0.000122	
Predicted MDL:	0.000070	
Predicted MQL:	0.000234	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00155	.000	1
S1	.00500	.00545	.000	8.92	.01852	.000	1
S2	.12500	.12511	.000	.090	.45796	.000	1
S3	.25000	.24691	-.003	-1.24	.90525	.009	1
S4	.50000	.49626	-.004	-.748	1.8211	.009	1
S5	1.0000	1.0063	.006	.627	3.6944	.022	1

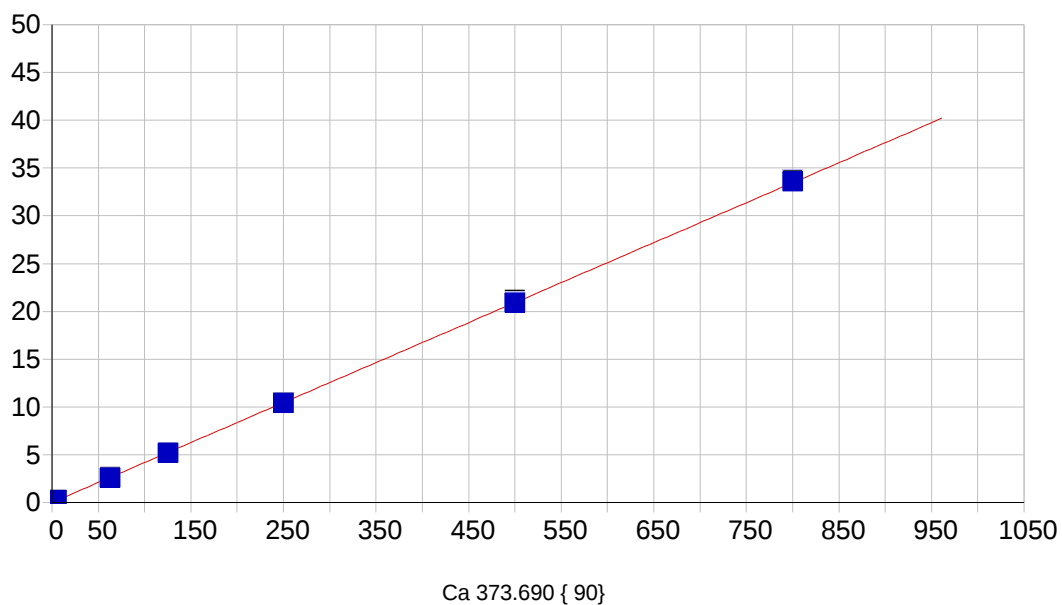


Cd 214.438 {457}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000246 Re-Slope: 1.000000
 A1 (Gain): 2.253969 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.000081
 Predicted MQL: 0.000272

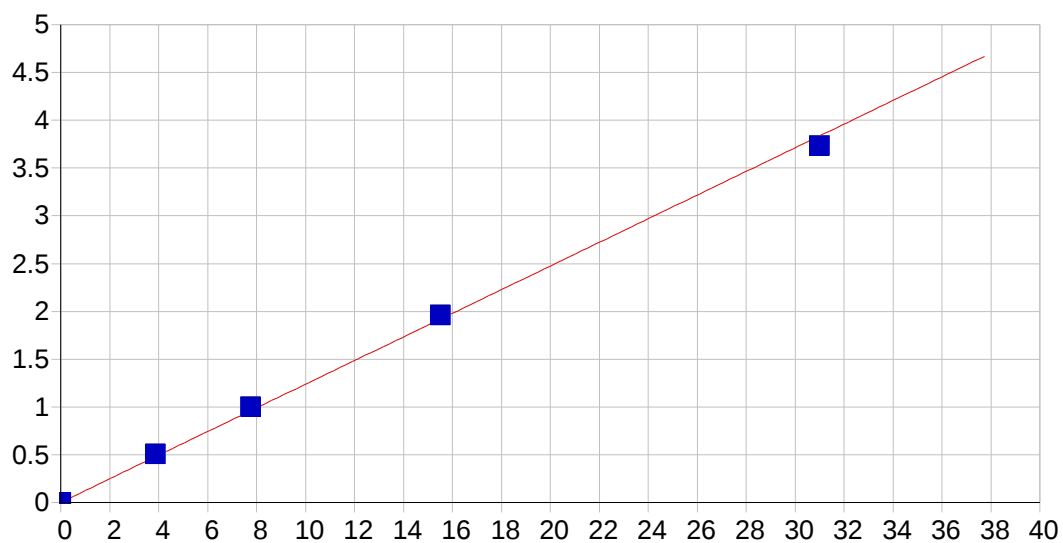
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.00500	.00503	.000	.628	.01110	.000	1
S2	.62500	.62086	-.004	-.663	1.4020	.001	1
S3	1.2500	1.2570	.007	.561	2.8388	.003	1
S4	2.5000	2.5367	.037	1.47	5.7290	.027	1
S5	5.0000	4.9604	-.040	-.793	11.203	.017	1



Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001814 Re-Slope: 1.000000
 A1 (Gain): 0.041826 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000819
 Predicted MDL: 0.009777
 Predicted MQL: 0.032589

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	.000	.000	.00180	.000	1
S1	5.0000	5.3302	.330	6.60	.22478	.001	1
S2	62.500	62.070	-.430	-.688	2.6073	.021	1
S3	125.00	123.99	-1.01	-.805	5.2066	.039	1
S4	250.00	248.32	-1.68	-.672	10.425	.032	1
S5	500.00	499.86	-.138	-.028	20.984	.198	1
S6	800.00	802.92	2.92	.365	33.783	.048	1

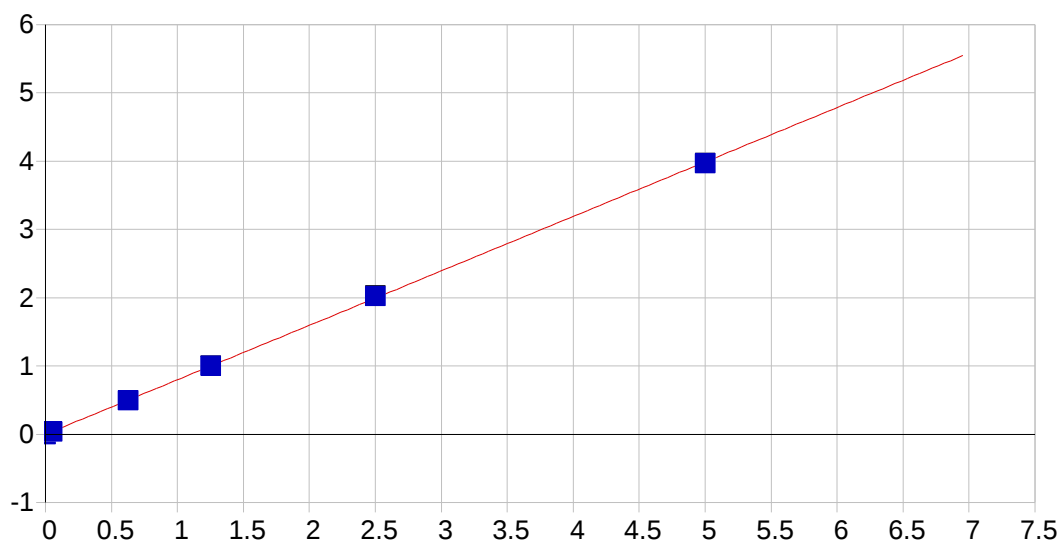


Cr 267.716 {126}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.123716 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999528 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000524
 Predicted MQL: 0.001747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01066	.001	6.56	.00135	.000	1
S2	3.8750	4.0893	.214	5.53	.50632	.001	1
S3	7.7500	8.0540	.304	3.92	.99720	.001	1
S4	15.500	15.839	.339	2.19	1.9611	.003	1
S5	31.000	30.142	-.858	-2.77	3.7321	.007	1

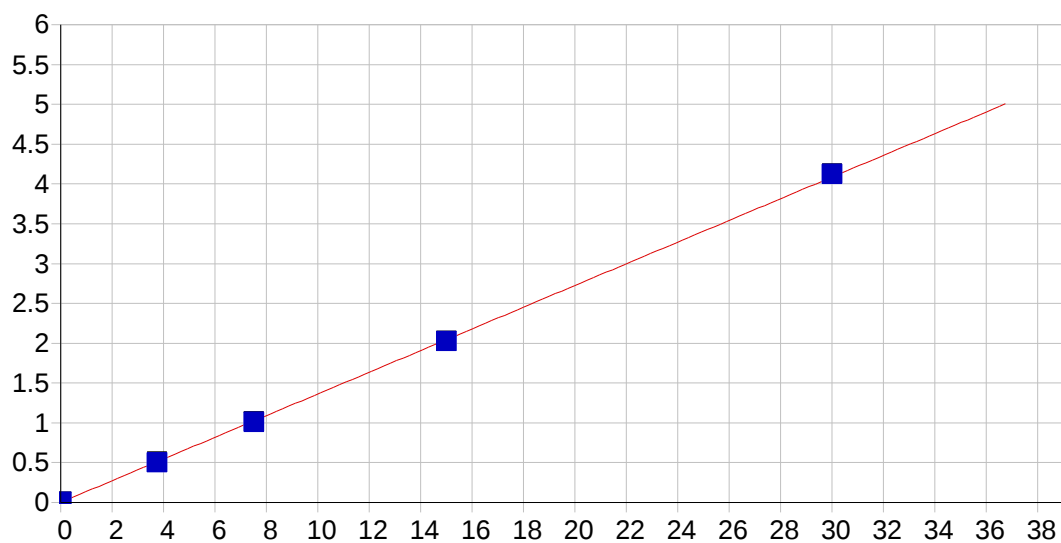


Co 228.616 {448}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.797869 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.000227
 Predicted MQL: 0.000756

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.05000	.04819	-.002	-3.61	.03821	.000	1
S2	.62500	.61967	-.005	-.853	.49501	.000	1
S3	1.2500	1.2565	.007	.522	1.0041	.001	1
S4	2.5000	2.5314	.031	1.26	2.0233	.007	1
S5	5.0000	4.9692	-.031	-.617	3.9723	.004	1

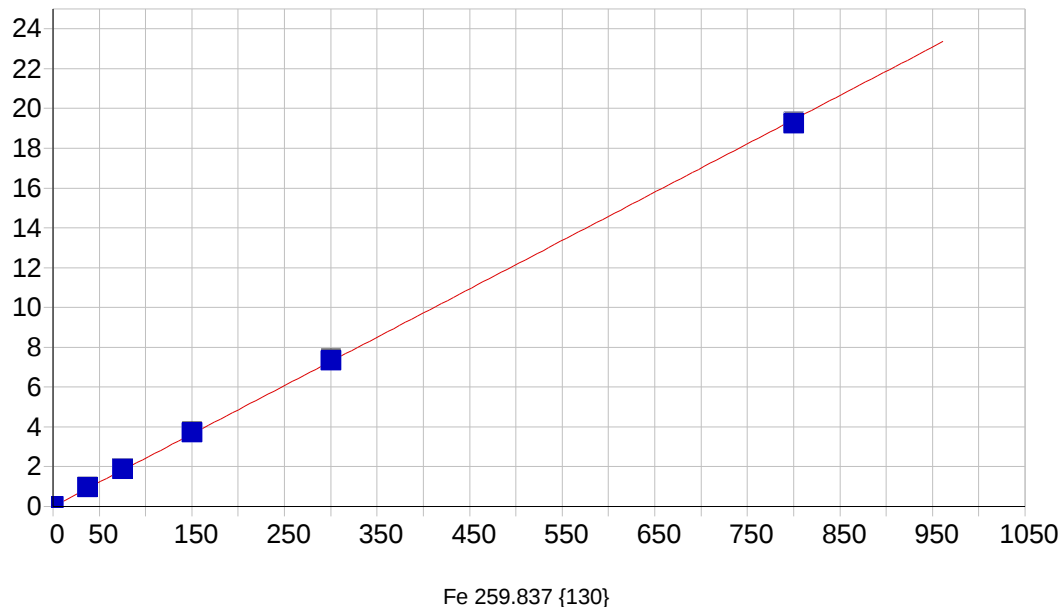


Cu 324.754 {104}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001228 Re-Slope: 1.000000
 A1 (Gain): 0.136172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001725
 Predicted MQL: 0.005749

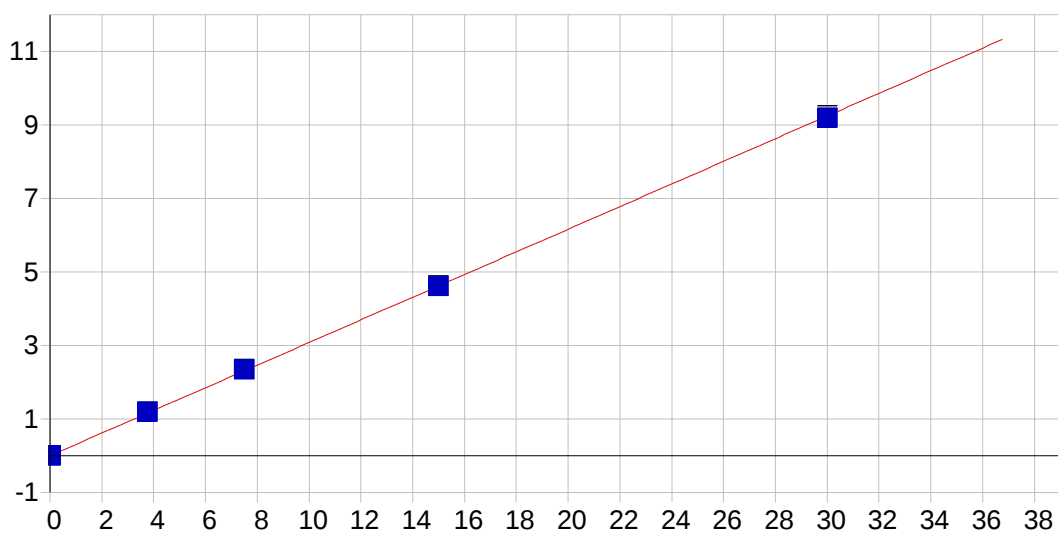
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00123	.000	1
S1	.02500	.02573	.001	2.93	.00472	.000	1
S2	3.7500	3.7091	-.041	-1.09	.50598	.001	1
S3	7.5000	7.4055	-.094	-1.26	1.0090	.001	1
S4	15.000	14.867	-.133	-.889	2.0244	.002	1
S5	30.000	30.268	.268	.893	4.1203	.003	1



Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000134 Re-Slope: 1.000000
 A1 (Gain): 0.024297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.006292
 Predicted MQL: 0.020973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00013	.000	1
S1	.10000	.11240	.012	12.4	.00292	.000	1
S2	37.500	39.450	1.95	5.20	.96350	.008	1
S3	75.000	77.435	2.44	3.25	1.8913	.008	1
S4	150.00	152.73	2.73	1.82	3.7304	.006	1
S5	300.00	301.58	1.58	.528	7.3666	.035	1
S6	800.00	791.28	-8.72	-1.09	19.314	.009	1

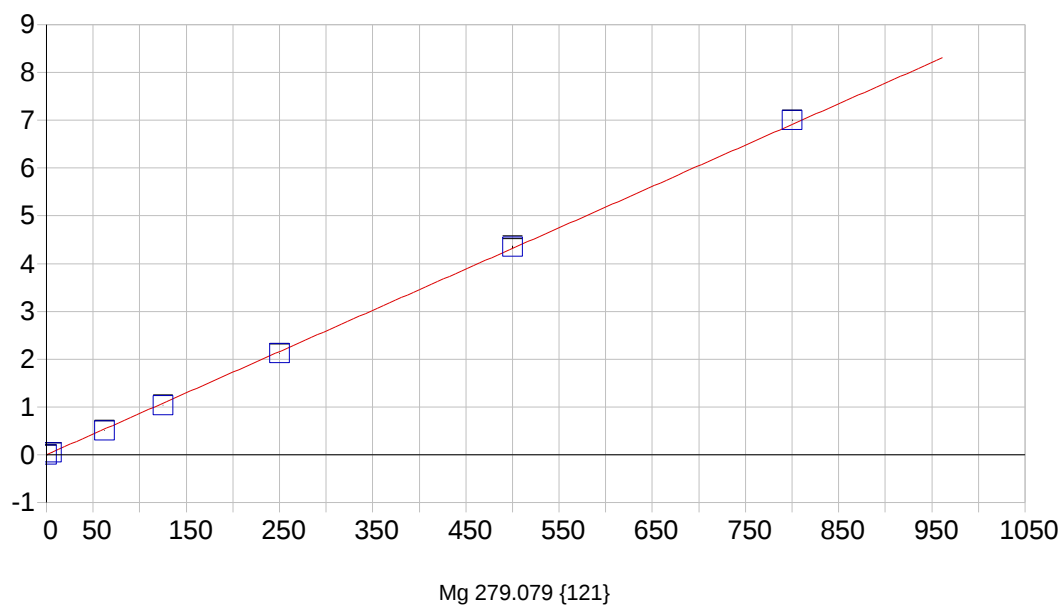


Mn 257.610 {131}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.308109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.000440
 Predicted MQL: 0.001465

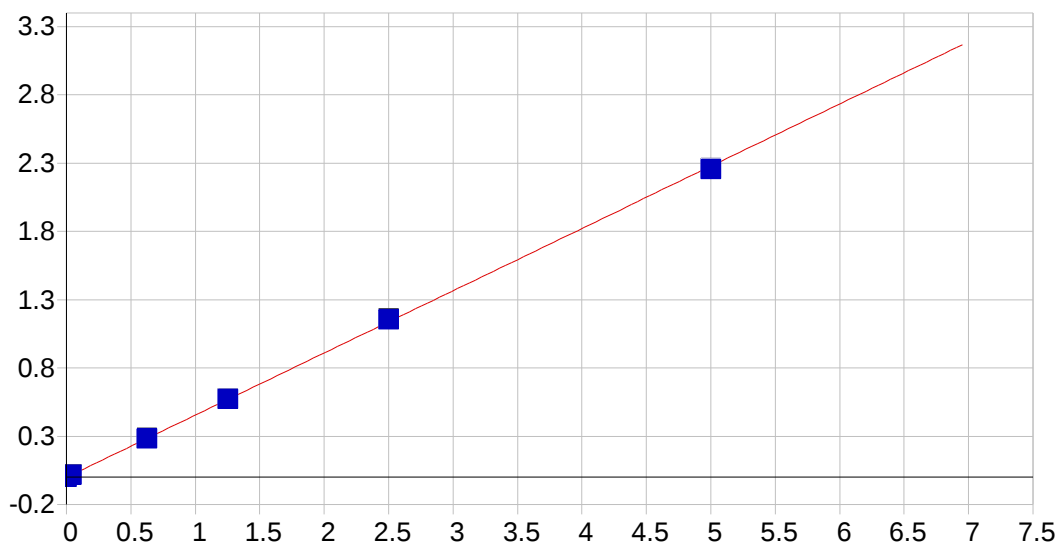
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01500	.01647	.001	9.80	.00508	.000	1
S2	3.7500	3.8523	.102	2.73	1.1872	.005	1
S3	7.5000	7.5860	.086	1.15	2.3378	.013	1
S4	15.000	14.982	-.018	-.123	4.6170	.013	1
S5	30.000	29.829	-.171	-.571	9.1926	.059	1



Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000221 Re-Slope: 1.000000
 A1 (Gain): 0.008639 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000596
 Predicted MDL: 0.020786
 Predicted MQL: 0.069288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00061	.001	.000	-.00022	.000	1
S1	5.0000	4.8878	-.112	-2.24	.04200	.000	1
S2	62.500	58.843	-3.66	-5.85	.50812	.004	1
S3	125.00	119.79	-5.21	-4.17	1.0346	.006	1
S4	250.00	245.31	-4.69	-1.88	2.1190	.005	1
S5	500.00	503.05	3.05	.609	4.3456	.024	1
S6	800.00	810.63	10.6	1.33	7.0027	.003	1

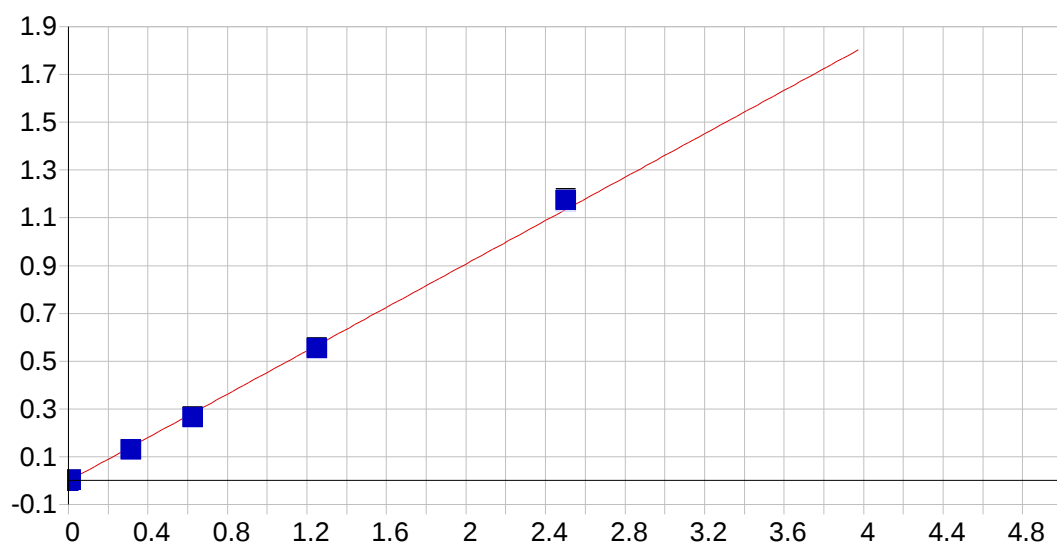


Ni 231.604 {446}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001029 Re-Slope: 1.000000
 A1 (Gain): 0.455698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000408
 Predicted MQL: 0.001359

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.04000	.03991	.000	-.226	.01717	.000	1
S2	.62500	.62518	.000	.029	.28445	.001	1
S3	1.2500	1.2595	.010	.764	.57411	.001	1
S4	2.5000	2.5360	.036	1.44	1.1570	.005	1
S5	5.0000	4.9543	-.046	-.913	2.2613	.002	1

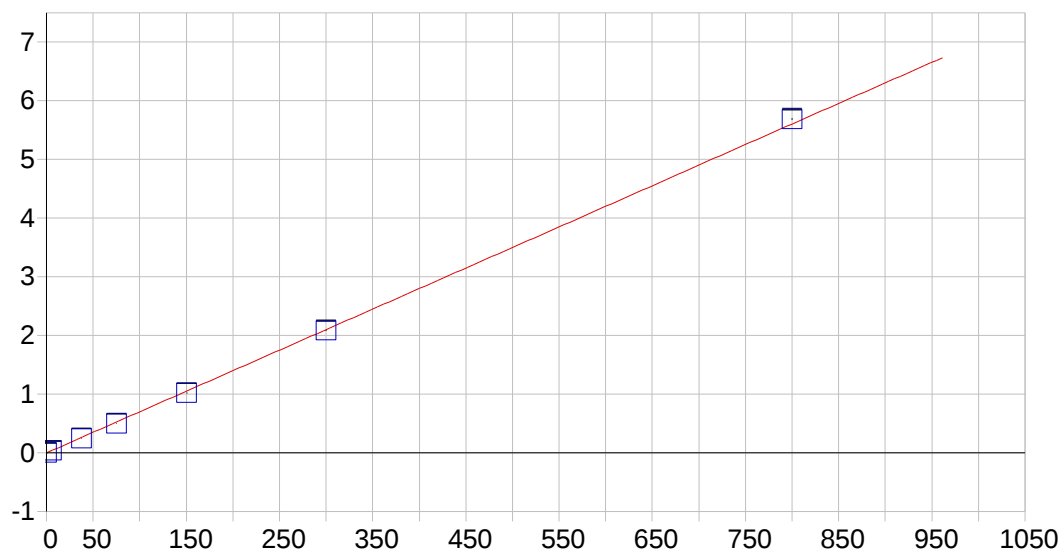


Ag 328.068 {103}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001270 Re-Slope: 1.000000
 A1 (Gain): 0.454019 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999126 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.000273
 Predicted MQL: 0.000911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00127	.000	1
S1	.01000	.00839	-.002	-16.1	.00251	.000	1
S2	.31250	.28767	-.025	-7.95	.12837	.000	1
S3	.62500	.58842	-.037	-5.85	.26395	.000	1
S4	1.2500	1.2238	-.026	-2.10	.55049	.002	1
S5	2.5000	2.5892	.089	3.57	1.1665	.007	1

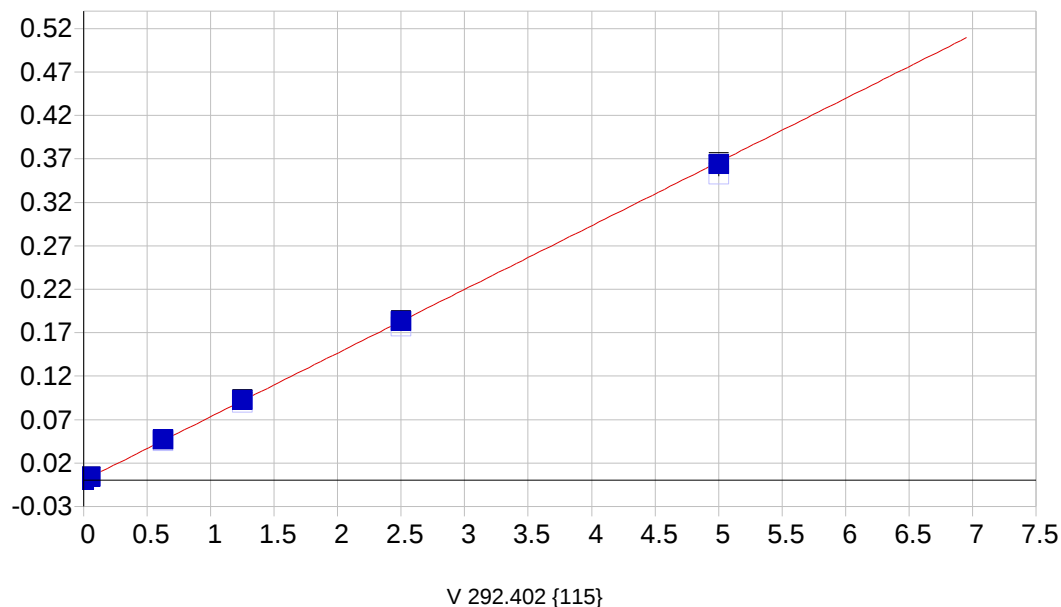


Na 818.326 { 41}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001101 Re-Slope: 1.000000
 A1 (Gain): 0.007006 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000461
 Predicted MDL: 0.147305
 Predicted MQL: 0.491017

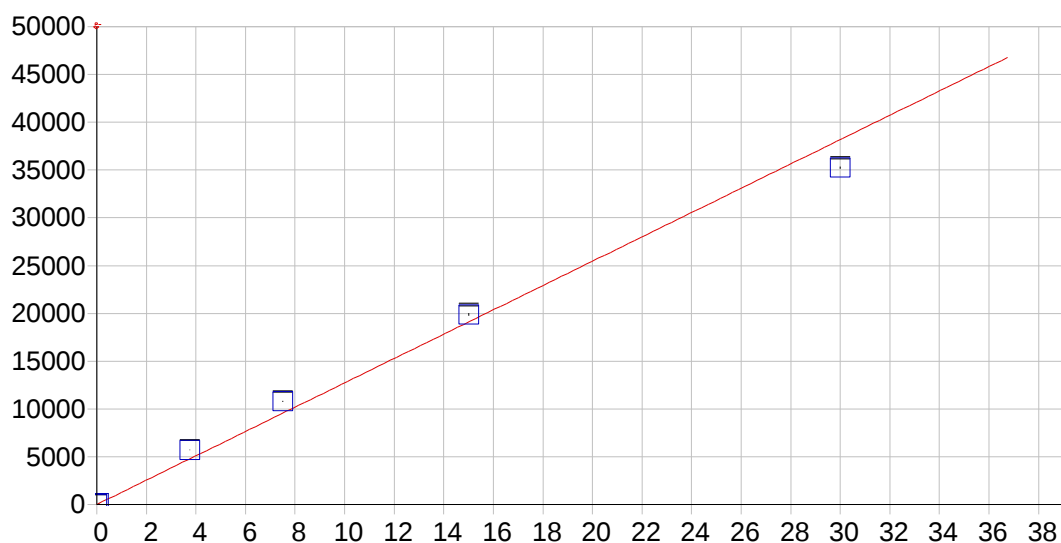
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00063	.001	.000	-.00110	.001	1
S1	5.0000	4.9823	-.018	-.354	.03381	.001	1
S2	37.500	35.538	-1.96	-5.23	.24789	.001	1
S3	75.000	71.588	-3.41	-4.55	.50048	.005	1
S4	150.00	145.11	-4.89	-3.26	1.0156	.000	1
S5	300.00	298.02	-1.98	-.659	2.0870	.009	1
S6	800.00	812.26	12.3	1.53	5.6899	.013	1



Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.073257 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002453
 Predicted MQL: 0.008176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.05000	.05251	.003	5.02	.00386	.000	1
S2	.62500	.63738	.012	1.98	.04520	.000	1
S3	1.2500	1.2621	.012	.972	.08946	.000	1
S4	2.5000	2.5018	.002	.073	.17725	.001	1
S5	5.0000	4.9710	-.029	-.579	.35210	.002	1

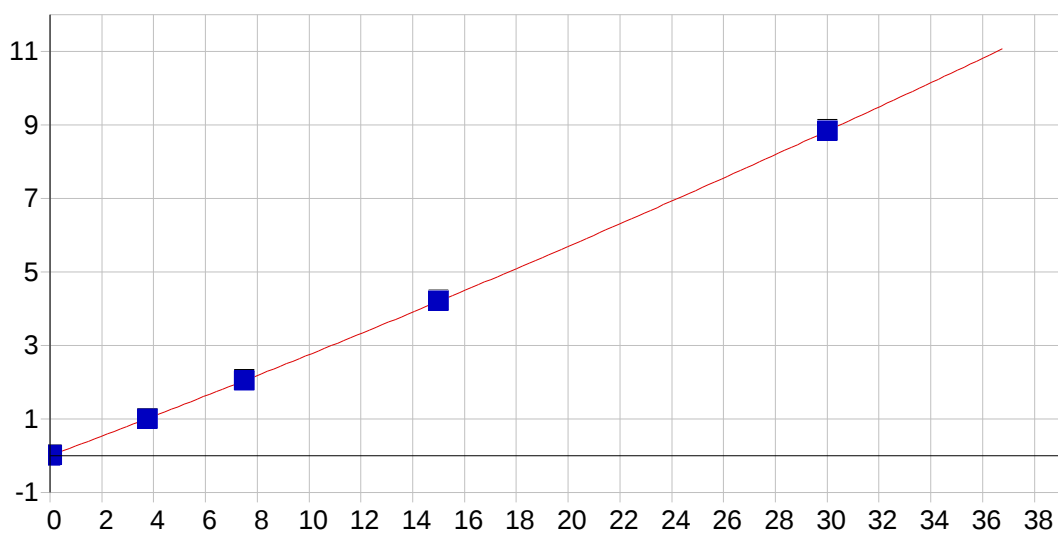


Zn 206.200 {464}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.804409 Re-Slope: 1.000000
 A1 (Gain): 1272.798594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995766 Status: OK.
 Std Error of Est: 8.360481
 Predicted MDL: 0.000406
 Predicted MQL: 0.001354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	2.7544	.293	1
S1	.06000	.08203	.022	36.7	107.22	.698	1
S2	3.7500	4.4840	.734	19.6	5710.1	24.6	1
S3	7.5000	8.4627	.963	12.8	10774.	51.1	1
S4	15.000	15.606	.606	4.04	19866.	142.	1
S5	30.000	27.676	-2.32	-7.75	35228.	125.	1



Zn 213.856 {158}

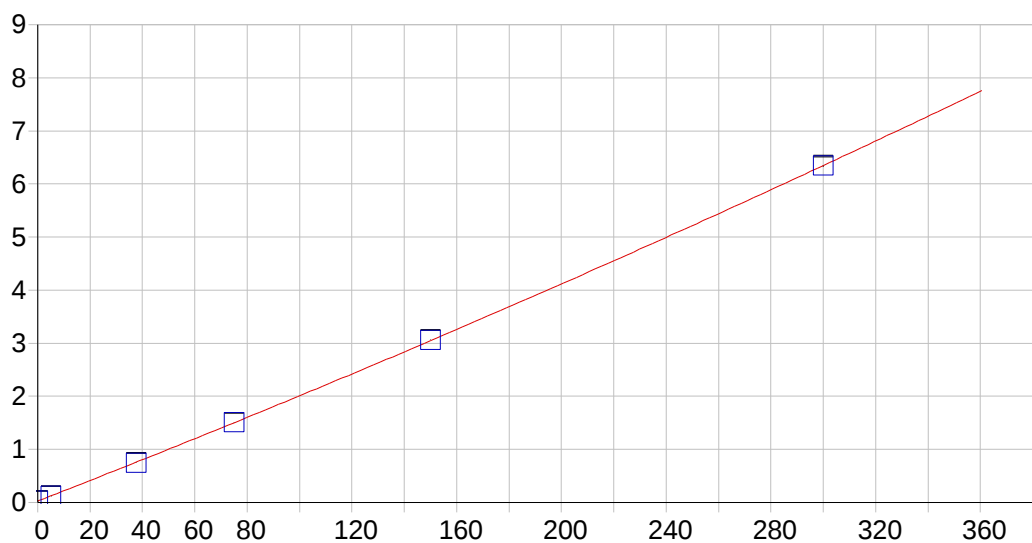
Date of Fit: 12/26/2017 13:28:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000475
 A1 (Gain): 0.265376
 A2 (Curvature): 0.000974
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000084
 Predicted MDL: 0.002738
 Predicted MQL: 0.009128

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.001	1
S1	.06000	.06306	.003	5.11	.01632	.000	1
S2	3.7500	3.7113	-.039	-1.03	1.0005	.007	1
S3	7.5000	7.5026	.003	.035	2.0508	.028	1
S4	15.000	15.053	.053	.356	4.2259	.010	1
S5	30.000	29.979	-.021	-.069	8.8524	.033	1

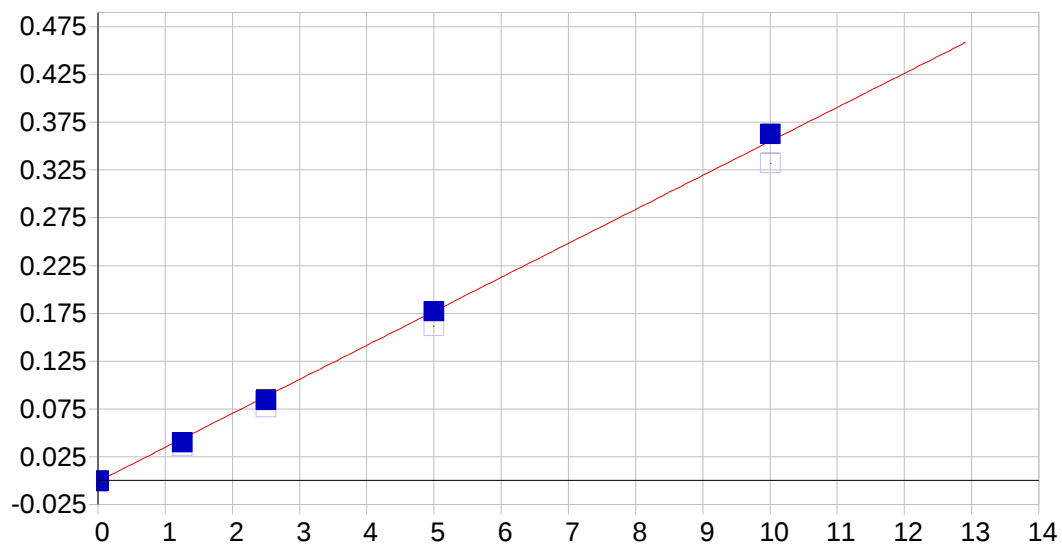


K 769.896 { 44}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.028589	Re-Slope: 1.000000
A1 (Gain):	0.019183	Y-int: 0.000000
A2 (Curvature):	0.000006	
n (Exponent):	1.000000	
Correlation:	0.999992	Status: Warning Positive Curvature
Std Error of Est:	0.000191	
Predicted MDL:	0.044600	
Predicted MQL:	0.148666	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.02859	.000	1
S1	5.0000	4.9702	-.030	-.596	.12408	.001	1
S2	37.500	37.039	-.461	-1.23	.74770	.002	1
S3	75.000	75.117	.117	.157	1.5049	.006	1
S4	150.00	150.64	.637	.425	3.0604	.006	1
S5	300.00	299.73	-.269	-.090	6.3412	.014	1



Date of Fit: 12/26/2017 13:28:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000826

Re-Slope: 1.000000

A1 (Gain): 0.035588

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999358

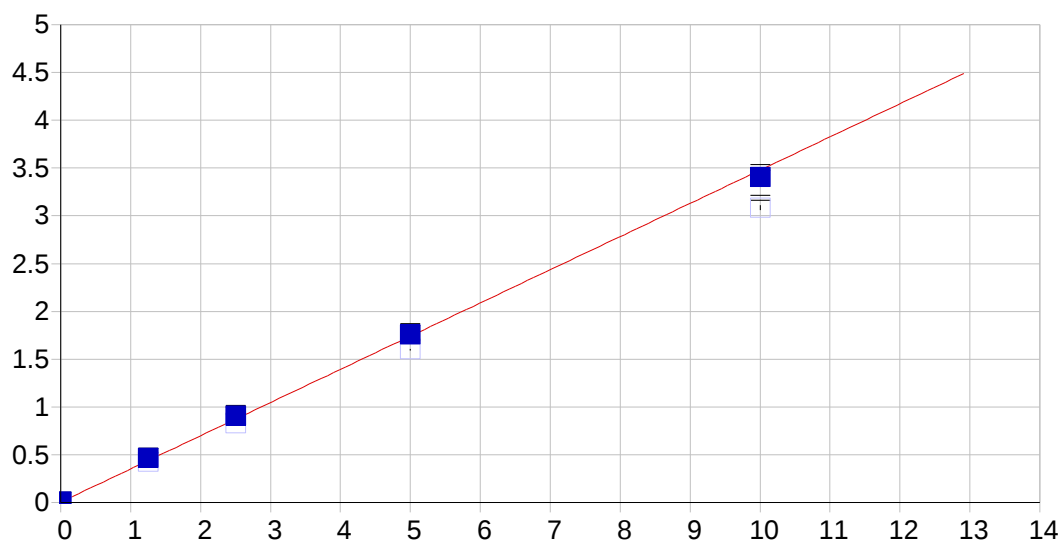
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.002336

Predicted MQL: 0.007787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00083	.000	1
S1	.01000	.01433	.004	43.3	-.00034	.000	1
S2	1.2500	1.1461	-.104	-8.32	.03612	.000	1
S3	2.5000	2.3889	-.111	-4.44	.07652	.000	1
S4	5.0000	4.9946	-.005	-.108	.16158	.000	1
S5	10.000	10.216	.216	2.16	.33205	.000	1

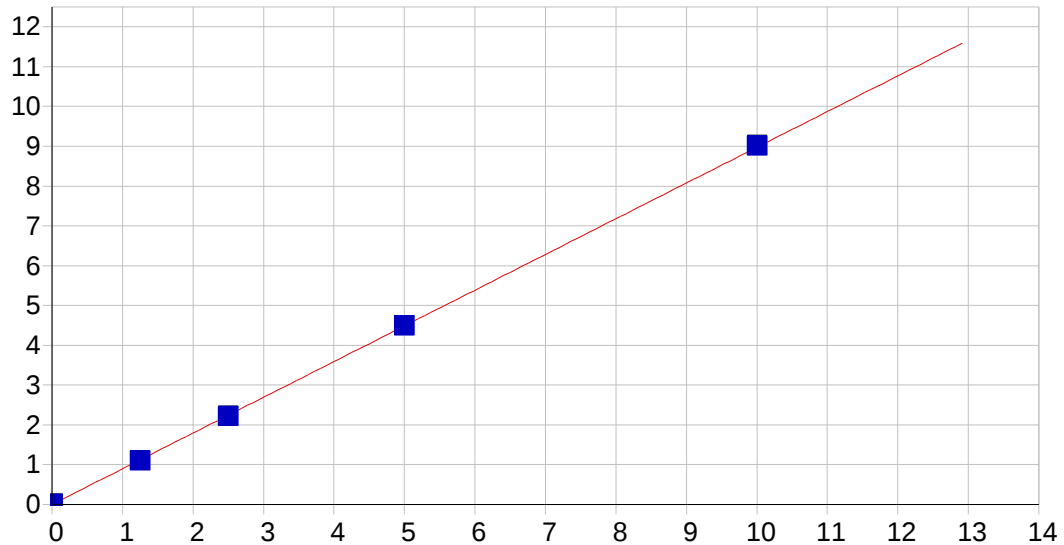


B 249.678 {135}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003976 Re-Slope: 1.000000
 A1 (Gain): 0.347405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999583 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.000825
 Predicted MQL: 0.002749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00398	.000	1
S1	.01000	.00779	-.002	-22.1	.00660	.000	1
S2	1.2500	1.3194	.069	5.55	.42235	.001	1
S3	2.5000	2.5929	.093	3.72	.82477	.007	1
S4	5.0000	5.0531	.053	1.06	1.5995	.008	1
S5	10.000	9.7870	-.213	-2.13	3.0840	.026	1

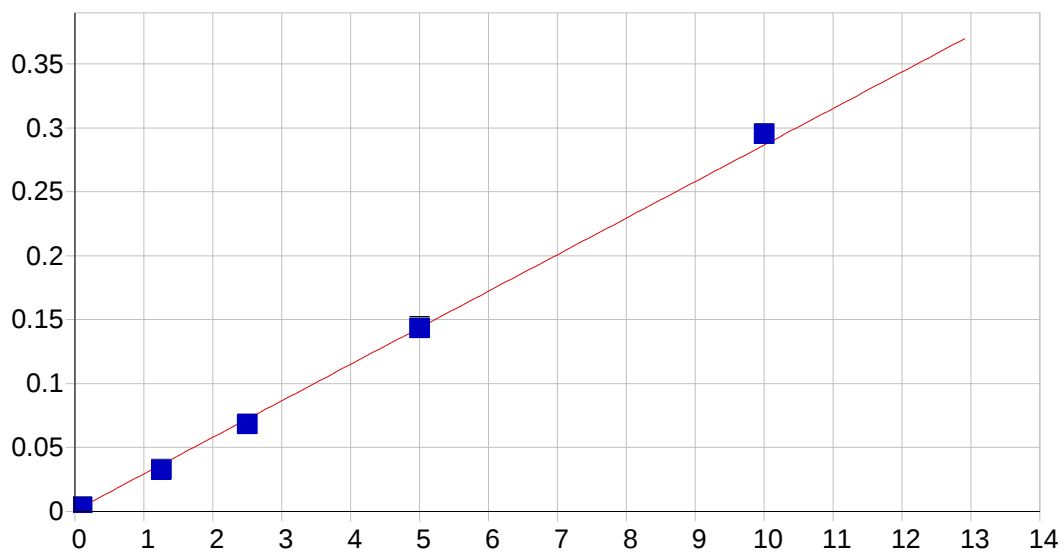


Mo 202.030 {467}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000133 Re-Slope: 1.000000
 A1 (Gain): 0.897378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.000240
 Predicted MQL: 0.000800

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01002	.000	.215	.00912	.000	1
S2	1.2500	1.2307	-.019	-1.54	1.1045	.004	1
S3	2.5000	2.4764	-.024	-.943	2.2223	.003	1
S4	5.0000	5.0035	.004	.071	4.4900	.006	1
S5	10.000	10.039	.039	.393	9.0088	.013	1

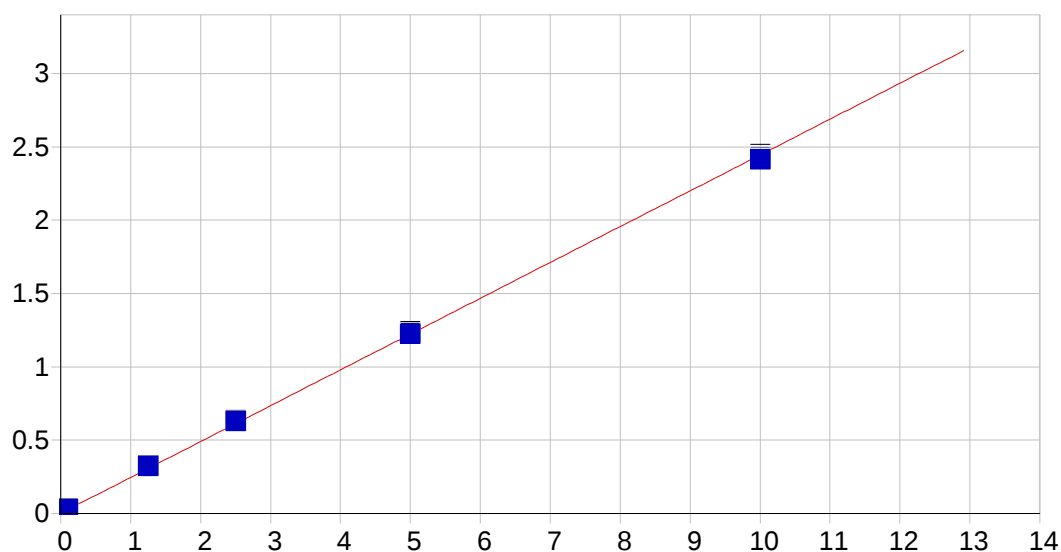


S 182.034 {485}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000782 Re-Slope: 1.000000
 A1 (Gain): 0.028583 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999131 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.003427
 Predicted MQL: 0.011424

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00078	.000	1
S1	.10000	.09094	-.009	-9.06	.00338	.000	1
S2	1.2500	1.1122	-.138	-11.0	.03258	.000	1
S3	2.5000	2.3598	-.140	-5.61	.06826	.000	1
S4	5.0000	4.9887	-.011	-.227	.14342	.001	1
S5	10.000	10.298	.298	2.98	.29524	.000	1

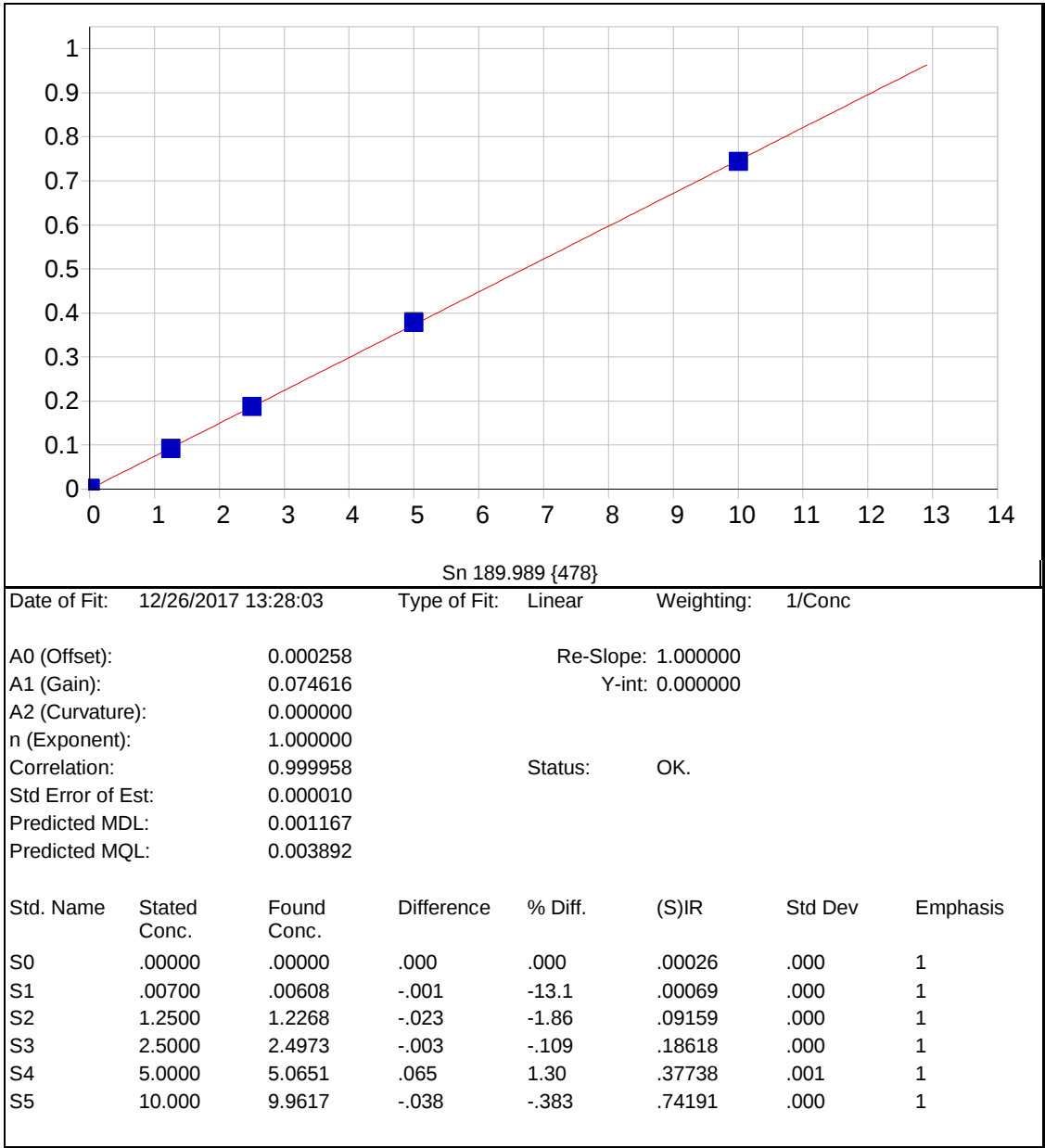


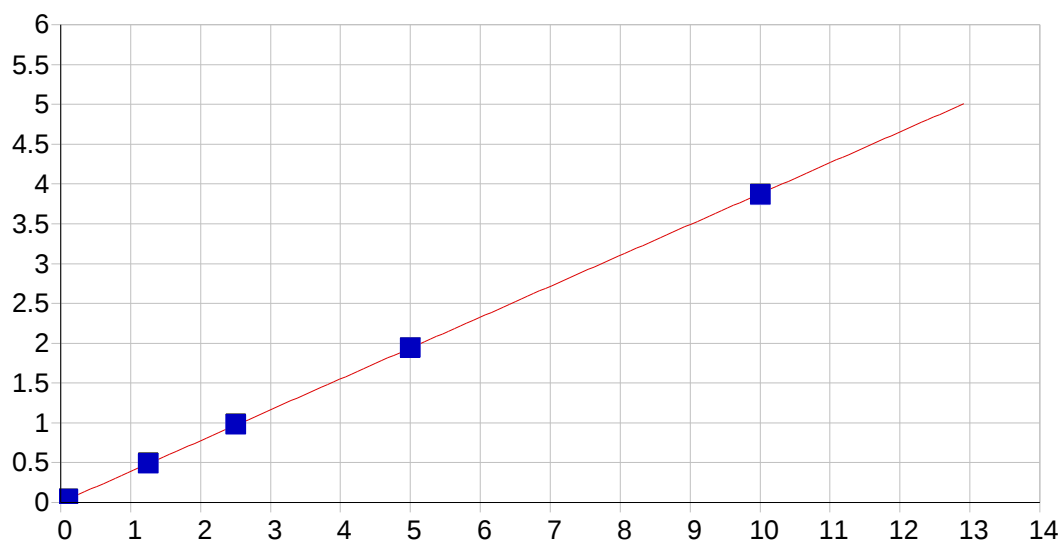
Si 251.611 {134}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001990 Re-Slope: 1.000000
 A1 (Gain): 0.244254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000256
 Predicted MDL: 0.001063
 Predicted MQL: 0.003544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00199	.000	1
S1	.10000	.10717	.007	7.17	.02825	.000	1
S2	1.2500	1.3157	.066	5.25	.32585	.000	1
S3	2.5000	2.5609	.061	2.44	.63251	.005	1
S4	5.0000	5.0025	.003	.051	1.2339	.008	1
S5	10.000	9.8637	-.136	-1.36	2.4313	.018	1



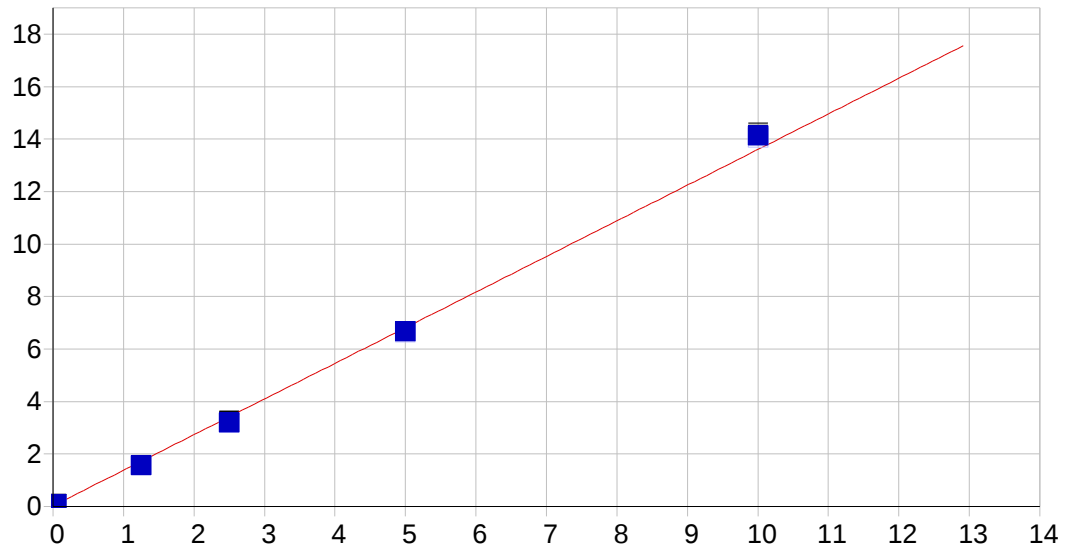


Ti 336.121 {100}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001046 Re-Slope: 1.000000
 A1 (Gain): 0.387716 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000765
 Predicted MQL: 0.002550

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00105	.000	1
S1	.10000	.09915	-.001	-.853	.03948	.000	1
S2	1.2500	1.2649	.015	1.19	.49127	.002	1
S3	2.5000	2.5275	.028	1.10	.98065	.005	1
S4	5.0000	5.0009	.001	.018	1.9393	.003	1
S5	10.000	9.9575	-.042	-.425	3.8603	.013	1

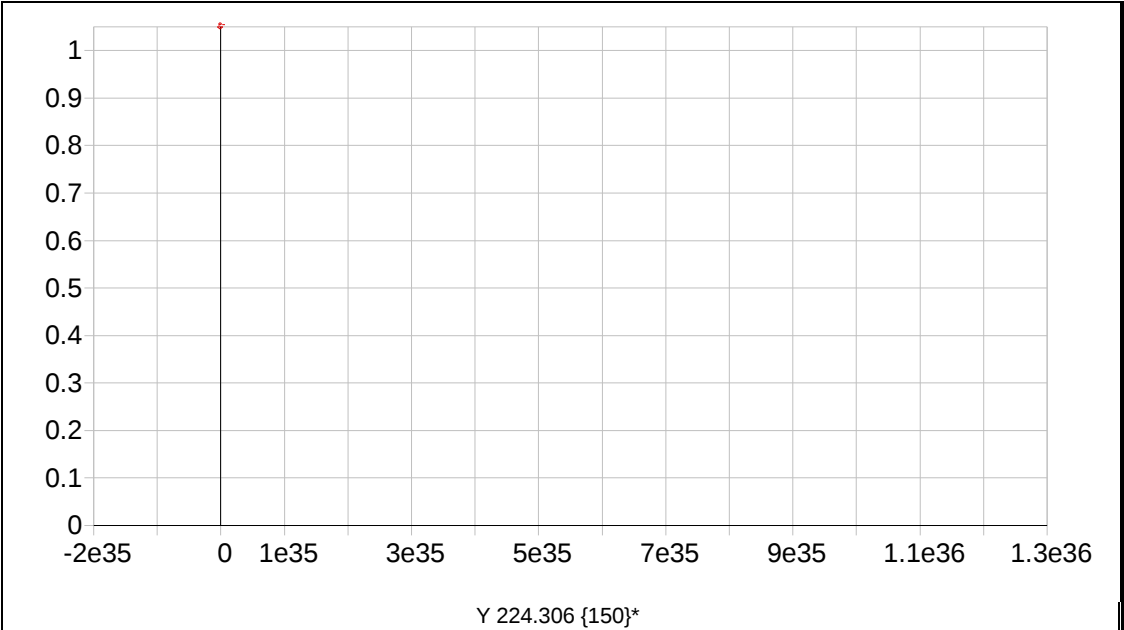


Li 670.784 { 50}

Date of Fit: 12/26/2017 13:28:03 Type of Fit: Linear Weighting: 1/Conc

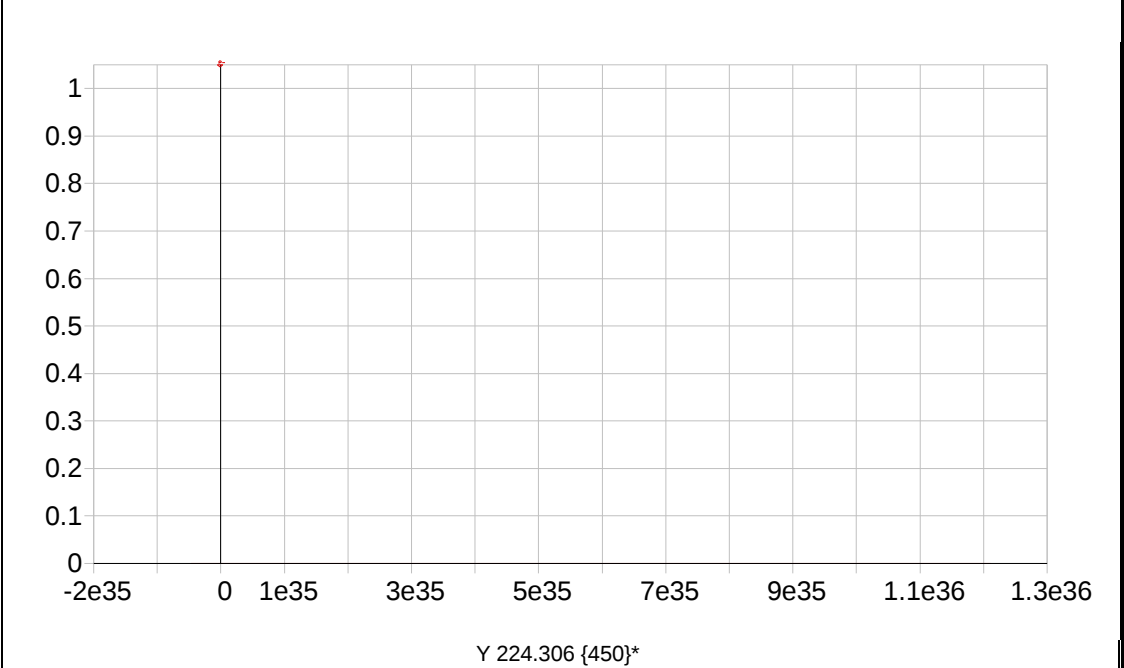
A0 (Offset): 0.022995 Re-Slope: 1.000000
 A1 (Gain): 1.357782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998962 Status: OK.
 Std Error of Est: 0.002311
 Predicted MDL: 0.000778
 Predicted MQL: 0.002594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02301	.001	1
S5	10.000	10.390	.390	3.90	14.054	.095	1
S4	5.0000	4.8868	-.113	-2.26	6.6200	.018	1
S3	2.5000	2.3428	-.157	-6.29	3.1849	.047	1
S2	1.2500	1.1373	-.113	-9.01	1.5577	.004	1
S1	.05000	.04345	-.007	-13.1	.08186	.001	1



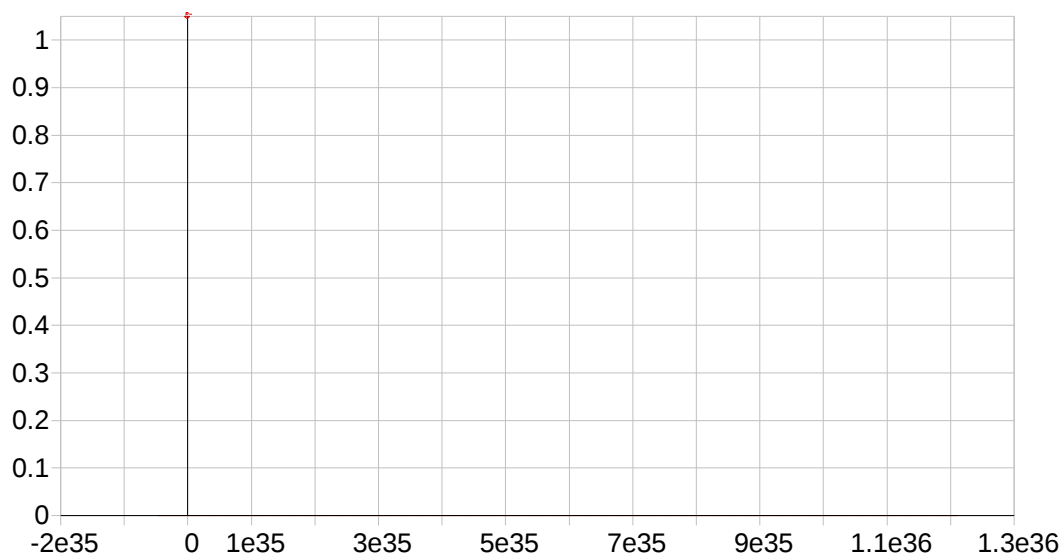
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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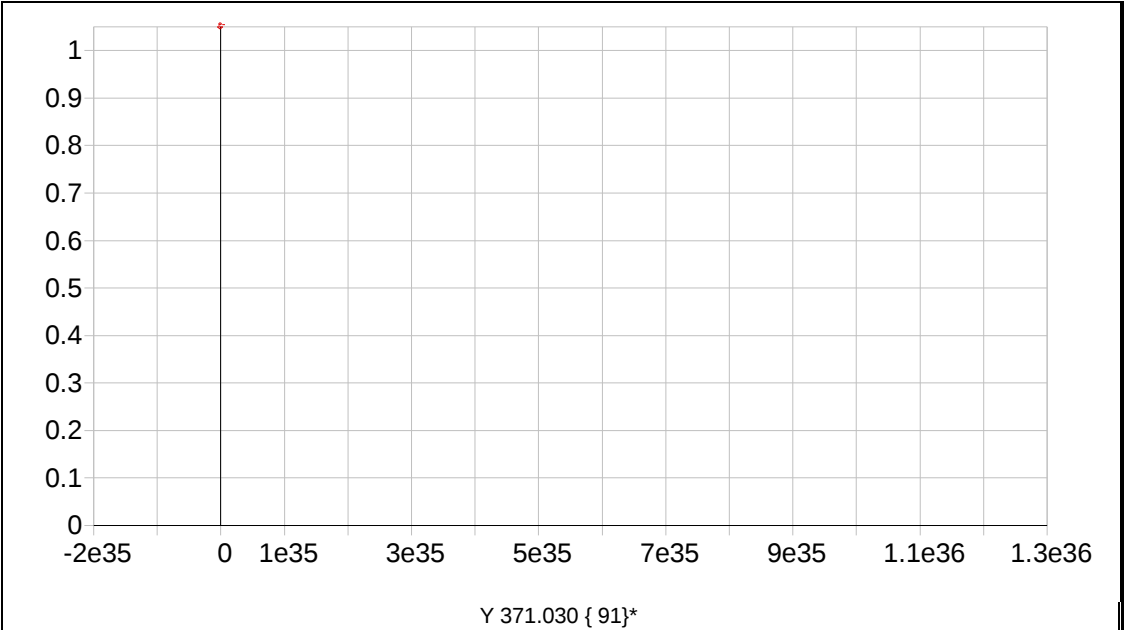
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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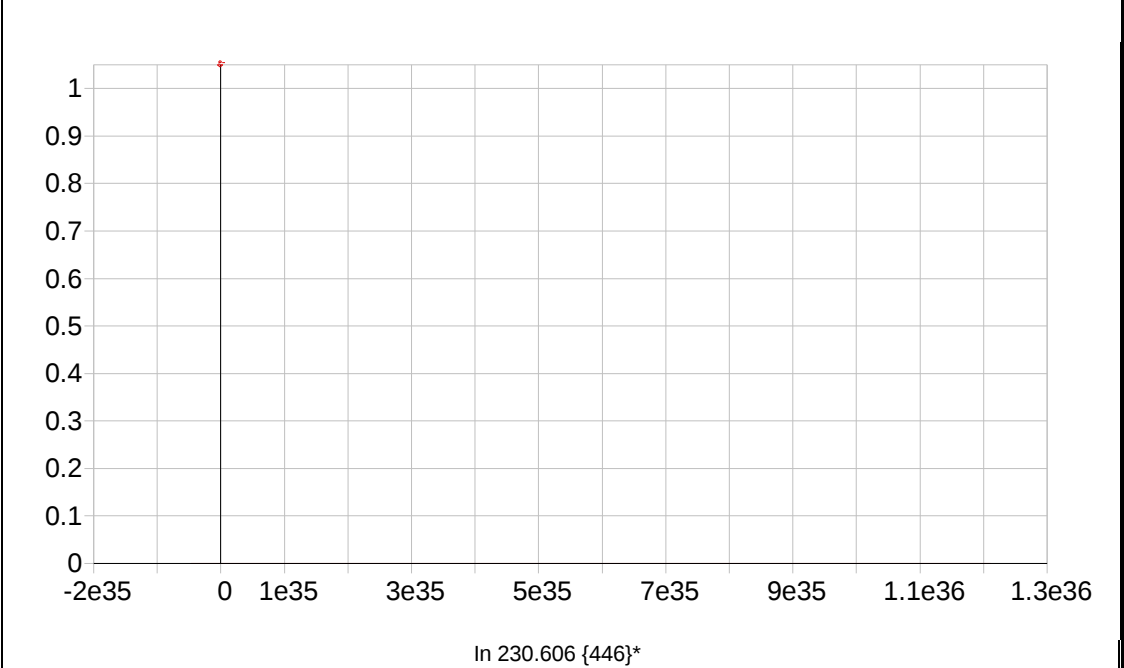
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

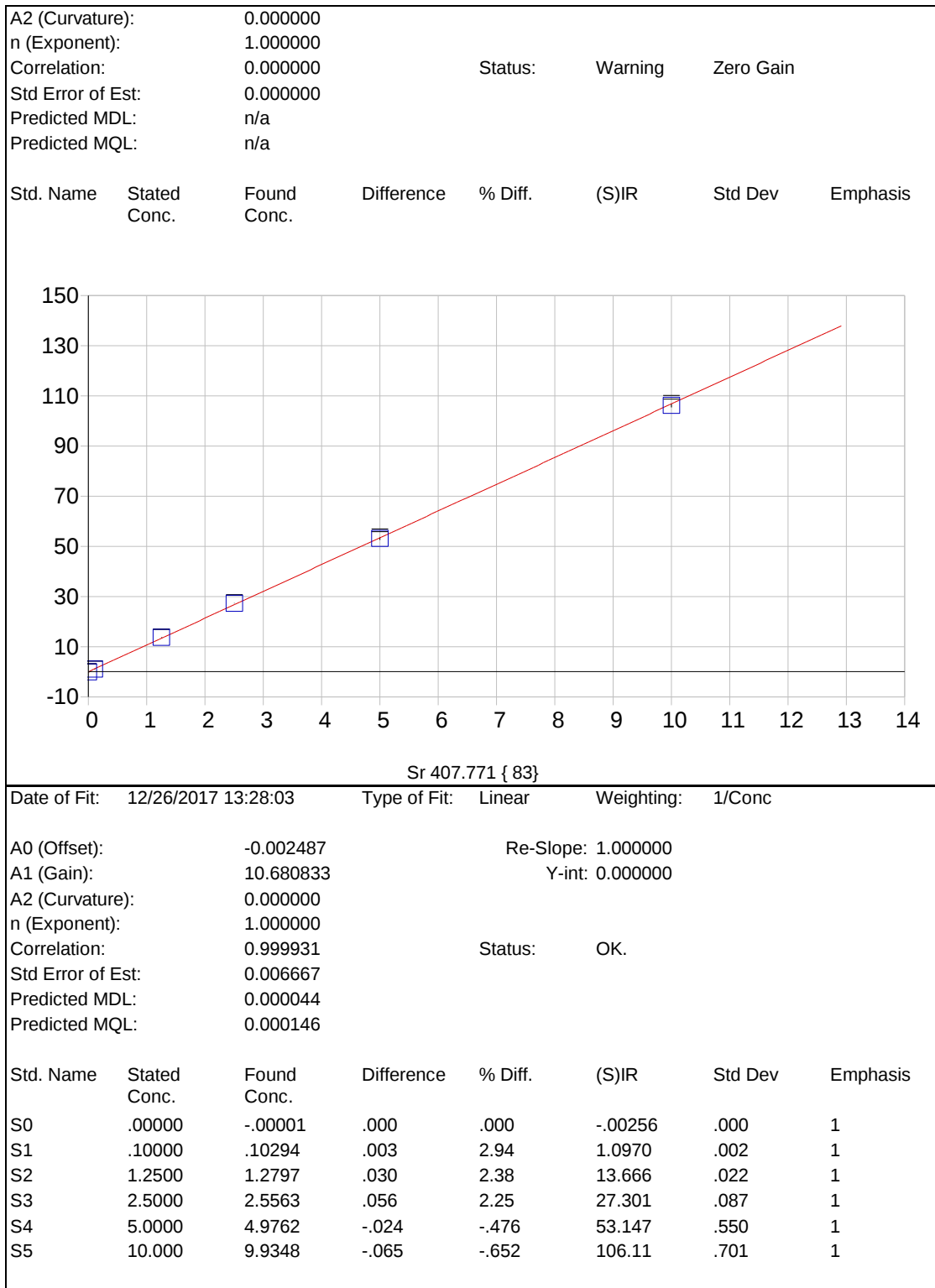
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



Sample Name: S0 Acquired: 12/26/2017 10:08:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	-.00021	-.00005	.00036	.00050	-.00055	-.01145	-.00155
Stddev	.00010	.00010	.00019	.00015	.00033	.00032	.00093	.00005
%RSD	69.381	45.327	365.78	40.990	66.130	58.698	8.1236	3.3571

#1	-.00025	-.00032	-.00027	.00020	.00087	-.00064	-.01172	-.00160
#2	-.00005	-.00019	.00007	.00050	.00042	-.00019	-.01222	-.00150
#3	-.00014	-.00013	.00004	.00038	.00022	-.00081	-.01042	-.00156

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	-.00025	.00180	.00002	-.00039	.00123	.00013	.00000	-.00022
Stddev	.00023	.00046	.00002	.00004	.00008	.00013	.00004	.00012
%RSD	93.941	25.253	73.113	10.259	6.6657	93.607	1347.6	54.560

#1	.00001	.00210	.00004	-.00042	.00113	.00002	-.00004	-.00034
#2	-.00044	.00128	.00002	-.00035	.00128	.00027	.00000	-.00019
#3	-.00032	.00203	.00001	-.00041	.00127	.00011	.00005	-.00011

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	-.00103	-.00127	-.00110	.00002	-.00048	.02859	-.00083	.00398
Stddev	.00011	.00007	.00056	.00010	.00064	.00047	.00008	.00039
%RSD	10.734	5.2989	51.197	620.93	135.56	1.6486	9.7753	9.7039

#1	-.00093	-.00130	-.00136	.00012	-.00066	.02872	-.00074	.00436
#2	-.00115	-.00132	-.00045	.00000	-.00100	.02807	-.00090	.00359
#3	-.00100	-.00119	-.00147	-.00007	.00024	.02899	-.00084	.00398

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	.00013	.00078	.00199	.00026	.00105	.02301	-.00256	
Stddev	.00007	.00005	.00005	.00005	.00018	.00084	.00037	
%RSD	49.232	5.7897	2.6423	18.484	16.763	3.6709	14.637	

#1	.00019	.00082	.00205	.00021	.00123	.02236	-.00248	
#2	.00006	.00073	.00197	.00030	.00103	.02397	-.00222	
#3	.00015	.00079	.00195	.00026	.00088	.02271	-.00296	

Sample Name: S0 Acquired: 12/26/2017 10:08:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	1298.8	2520.2	41703.	9364.8	3932.3
Stddev	18.2	9.7	221.	85.8	13.5
%RSD	1.4012	.38542	.52876	.91593	.34217
#1	1293.3	2509.2	41504.	9322.5	3917.0
#2	1283.9	2523.7	41665.	9308.4	3937.2
#3	1319.1	2527.6	41940.	9463.5	3942.6

Sample Name: S1 Acquired: 12/26/2017 10:13:06 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment: S01

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	.00110	.00147	.00252	.00878	.01703	.63909	.01852
Stddev	.00004	.00010	.00012	.00009	.00014	.00043	.00109	.00033
%RSD	13.567	9.2214	8.2207	3.4910	1.6140	2.5015	.17079	1.7587

#1	.00033	.00122	.00142	.00258	.00894	.01736	.63870	.01817
#2	.00034	.00105	.00160	.00256	.00867	.01655	.64032	.01859
#3	.00026	.00104	.00138	.00242	.00874	.01719	.63824	.01881

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	.01110	.22478	.00135	.03821	.00472	.00292	.00508	.04200
Stddev	.00010	.00053	.00005	.00027	.00017	.00006	.00008	.00013
%RSD	.91157	.23455	4.0000	.71698	3.6944	2.1660	1.4862	.31578

#1	.01112	.22417	.00139	.03789	.00465	.00290	.00512	.04213
#2	.01119	.22506	.00135	.03831	.00492	.00286	.00499	.04201
#3	.01099	.22511	.00129	.03841	.00460	.00298	.00513	.04187

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	.01717	.00251	.03381	.00386	.01632	.12408	-.00034	.00660
Stddev	.00017	.00006	.00117	.00018	.00042	.00076	.00002	.00021
%RSD	.97890	2.2331	3.4480	4.5518	2.5508	.60944	4.9765	3.1159

#1	.01708	.00253	.03340	.00373	.01598	.12373	-.00033	.00662
#2	.01736	.00245	.03512	.00406	.01619	.12357	-.00036	.00679
#3	.01706	.00255	.03290	.00378	.01678	.12495	-.00033	.00638

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	.00912	.00338	.02825	.00069	.03948	.08186	1.0970	
Stddev	.00030	.00010	.00021	.00006	.00018	.00050	.0018	
%RSD	3.3198	2.8248	.75346	9.3955	.44696	.61282	.16287	

#1	.00878	.00329	.02823	.00076	.03961	.08235	1.0976	
#2	.00934	.00348	.02848	.00069	.03928	.08186	1.0984	
#3	.00925	.00337	.02805	.00063	.03954	.08135	1.0950	

Sample Name: S1 Acquired: 12/26/2017 10:13:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment: S01

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.2	2488.1	41144.	9270.9	3773.7
Stddev	4.3	9.3	177.	53.7	6.1
%RSD	.33620	.37228	.43028	.57885	.16199
#1	1288.1	2480.2	40941.	9251.5	3767.3
#2	1295.5	2485.8	41224.	9229.5	3774.4
#3	1295.8	2498.3	41267.	9331.5	3779.5

Sample Name: S2 Acquired: 12/26/2017 10:17:15 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.04066	.06226	1.0728	.08360	.17788	3.2198	7.8358	.45796
Stddev	.00032	.00043	.0009	.00081	.00033	.0086	.0106	.00050
%RSD	.79161	.68412	.08220	.97396	.18444	.26771	.13495	.10823

#1	.04088	.06197	1.0735	.08440	.17817	3.2152	7.8461	.45744
#2	.04029	.06206	1.0731	.08277	.17795	3.2145	7.8250	.45843
#3	.04080	.06275	1.0718	.08363	.17753	3.2297	7.8363	.45803

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4020	2.6073	.50632	.49501	.50598	.96350	1.1872	.50812
Stddev	.0005	.0211	.00065	.00035	.00091	.00799	.0051	.00428
%RSD	.03656	.80776	.12758	.07122	.17958	.82954	.42933	.84282

#1	1.4015	2.5959	.50564	.49461	.50546	.95958	1.1825	.50497
#2	1.4021	2.5943	.50692	.49529	.50545	.95823	1.1864	.50640
#3	1.4025	2.6316	.50642	.49512	.50703	.97270	1.1926	.51300

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	.28445	.12837	.24789	.04520	1.0005	.74770	.03612	.42235
Stddev	.00110	.00030	.00138	.00020	.0075	.00213	.00013	.00064
%RSD	.38735	.23516	.55747	.43145	.74488	.28469	.35021	.15266

#1	.28357	.12804	.24945	.04507	.99685	.74557	.03614	.42227
#2	.28410	.12845	.24682	.04510	.99559	.74982	.03599	.42175
#3	.28568	.12863	.24740	.04542	1.0091	.74771	.03624	.42303

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	1.1045	.03258	.32585	.09159	.49127	1.5577	13.666	
Stddev	.0044	.00036	.00049	.00007	.00168	.0044	.022	
%RSD	.39554	1.1105	.15091	.07935	.34167	.28272	.16405	

#1	1.1089	.03265	.32555	.09155	.49065	1.5626	13.654	
#2	1.1001	.03220	.32559	.09154	.48999	1.5541	13.652	
#3	1.1045	.03291	.32642	.09167	.49317	1.5564	13.692	

Sample Name: S2 Acquired: 12/26/2017 10:17:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	1217.8	2336.9	38789.	9229.5	3247.9
Stddev	1.8	12.5	91.	32.0	9.1
%RSD	.14949	.53496	.23456	.34724	.28122
#1	1216.0	2322.5	38684.	9194.1	3237.9
#2	1219.6	2345.3	38837.	9256.6	3249.9
#3	1217.9	2342.7	38846.	9237.7	3255.8

Sample Name: S3 Acquired: 12/26/2017 10:21:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.08296	.12239	2.1465	.17099	.36436	6.5313	15.861	.90525
Stddev	.00022	.00036	.0018	.00091	.00103	.0130	.169	.00853
%RSD	.26114	.29219	.08159	.52943	.28315	.19930	1.0664	.94192

#1	.08274	.12210	2.1481	.17012	.36512	6.5276	15.886	.89866
#2	.08318	.12228	2.1447	.17093	.36318	6.5457	16.017	.91488
#3	.08295	.12279	2.1468	.17193	.36477	6.5205	15.681	.90219

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	2.8388	5.2066	.99720	1.0041	1.0090	1.8913	2.3378	1.0346
Stddev	.0032	.0395	.00062	.0008	.0007	.0080	.0130	.0063
%RSD	.11345	.75851	.06194	.08010	.06978	.42397	.55473	.60604

#1	2.8406	5.1754	.99678	1.0043	1.0096	1.8827	2.3266	1.0286
#2	2.8351	5.2510	.99791	1.0048	1.0092	1.8986	2.3520	1.0411
#3	2.8408	5.1934	.99690	1.0032	1.0082	1.8926	2.3348	1.0342

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	.57411	.26395	.50048	.08946	2.0508	1.5049	.07652	.82477
Stddev	.00094	.00044	.00502	.00045	.0283	.0058	.00027	.00671
%RSD	.16374	.16641	1.0028	.50329	1.3796	.38512	.35378	.81375

#1	.57519	.26361	.50072	.08930	2.0421	1.5049	.07640	.82052
#2	.57371	.26444	.50537	.08996	2.0278	1.5107	.07632	.83250
#3	.57344	.26379	.49534	.08911	2.0824	1.4991	.07683	.82127

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.2223	.06826	.63251	.18618	.98065	3.1849	27.301	
Stddev	.0029	.00008	.00458	.00020	.00486	.0474	.087	
%RSD	.13261	.11130	.72442	.10551	.49513	1.4889	.31724	

#1	2.2193	.06822	.63090	.18639	.97711	3.1999	27.318	
#2	2.2226	.06821	.63768	.18600	.98619	3.2230	27.378	
#3	2.2251	.06834	.62895	.18616	.97867	3.1318	27.208	

Sample Name: S3 Acquired: 12/26/2017 10:21:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	1161.2	2228.8	37478.	9186.2	3026.7
Stddev	5.0	5.9	56.	52.8	10.7
%RSD	.43477	.26447	.14814	.57444	.35280
#1	1160.2	2222.1	37414.	9212.9	3014.7
#2	1166.7	2231.1	37504.	9125.4	3029.9
#3	1156.8	2233.2	37516.	9220.2	3035.3

Sample Name: S4 Acquired: 12/26/2017 10:25:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.17288	.24024	4.2924	.34926	.75462	13.436	31.687	1.8211
Stddev	.00008	.00133	.0181	.00107	.00157	.010	.236	.0087
%RSD	.04415	.55437	.42216	.30681	.20817	.07113	.74609	.47842

#1	.17294	.23920	4.2792	.34847	.75535	13.429	31.757	1.8267
#2	.17290	.23977	4.2850	.35048	.75570	13.447	31.423	1.8110
#3	.17279	.24174	4.3131	.34883	.75282	13.432	31.880	1.8254

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	5.7290	10.425	1.9611	2.0233	2.0244	3.7304	4.6170	2.1190
Stddev	.0267	.032	.0034	.0066	.0016	.0064	.0134	.0045
%RSD	.46515	.30940	.17541	.32859	.07936	.17185	.28926	.21240

#1	5.7069	10.421	1.9573	2.0185	2.0255	3.7265	4.6095	2.1158
#2	5.7216	10.396	1.9620	2.0206	2.0250	3.7269	4.6090	2.1170
#3	5.7586	10.460	1.9640	2.0309	2.0225	3.7378	4.6324	2.1241

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	1.1570	.55049	1.0156	.17725	4.2259	3.0604	.16158	1.5995
Stddev	.0046	.00165	.0003	.00079	.0102	.0060	.00034	.0080
%RSD	.39671	.30043	.02880	.44299	.24140	.19450	.20959	.50015

#1	1.1521	.54885	1.0153	.17778	4.2272	3.0657	.16126	1.6058
#2	1.1576	.55044	1.0159	.17763	4.2353	3.0616	.16153	1.5905
#3	1.1612	.55216	1.0156	.17635	4.2150	3.0540	.16194	1.6020

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	4.4900	.14342	1.2339	.37738	1.9393	6.6200	53.147	
Stddev	.0057	.00115	.0081	.00147	.0027	.0178	.550	
%RSD	.12719	.80450	.65419	.38982	.13899	.26951	1.0346	

#1	4.4844	.14229	1.2423	.37616	1.9397	6.6391	53.481	
#2	4.4898	.14339	1.2263	.37696	1.9417	6.6170	52.513	
#3	4.4958	.14459	1.2331	.37901	1.9364	6.6038	53.448	

Sample Name: S4 Acquired: 12/26/2017 10:25:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	1080.1	2066.8	35607.	8957.3	2753.0
Stddev	8.6	5.6	37.	56.1	1.9
%RSD	.79363	.27022	.10353	.62576	.06844
#1	1072.1	2063.2	35636.	8898.3	2750.8
#2	1079.2	2064.0	35566.	9009.9	2754.4
#3	1089.1	2073.2	35619.	8963.6	2753.7

Sample Name: S5 Acquired: 12/26/2017 10:29:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.36114	.45901	8.3748	.71539	1.5771	27.945	63.765	3.6944
Stddev	.00080	.00035	.0125	.00175	.0035	.038	.966	.0216
%RSD	.22101	.07729	.14926	.24396	.21944	.13452	1.5149	.58552

#1	.36203	.45860	8.3629	.71734	1.5797	27.938	62.852	3.6855
#2	.36048	.45926	8.3878	.71396	1.5732	27.986	64.777	3.7190
#3	.36092	.45916	8.3737	.71488	1.5785	27.911	63.667	3.6786

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	11.203	20.984	3.7321	3.9723	4.1203	7.3666	9.1926	4.3456
Stddev	.017	.198	.0066	.0043	.0028	.0352	.0595	.0243
%RSD	.15592	.94536	.17808	.10917	.06895	.47744	.64711	.55862

#1	11.190	20.845	3.7383	3.9705	4.1199	7.3439	9.1542	4.3269
#2	11.223	21.211	3.7331	3.9772	4.1234	7.4071	9.2611	4.3730
#3	11.198	20.895	3.7251	3.9691	4.1177	7.3487	9.1624	4.3367

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	2.2613	1.1665	2.0870	.35210	8.8524	6.3412	.33205	3.0840
Stddev	.0019	.0071	.0086	.00191	.0326	.0144	.00004	.0264
%RSD	.08403	.60974	.41312	.54253	.36874	.22640	.01094	.85489

#1	2.2611	1.1689	2.0845	.35246	8.8864	6.3269	.33207	3.0748
#2	2.2633	1.1722	2.0966	.35380	8.8494	6.3557	.33201	3.1138
#3	2.2595	1.1585	2.0799	.35003	8.8213	6.3411	.33207	3.0635

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	9.0088	.29524	2.4313	.74191	3.8603	14.054	106.11	
Stddev	.0131	.00018	.0180	.00049	.0130	.095	.70	
%RSD	.14582	.06124	.74090	.06610	.33727	.67419	.66059	

#1	9.0211	.29509	2.4259	.74165	3.8562	14.035	106.49	
#2	8.9950	.29518	2.4514	.74248	3.8749	14.156	106.54	
#3	9.0104	.29544	2.4165	.74161	3.8498	13.969	105.30	

Sample Name: S5 Acquired: 12/26/2017 10:29:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	967.78	1879.2	33800.	8606.2	2494.8
Stddev	10.03	6.8	221.	65.5	8.0
%RSD	1.0363	.36121	.65388	.76114	.31909
#1	958.46	1871.4	33634.	8610.4	2488.0
#2	966.48	1882.1	33715.	8538.7	2492.9
#3	978.39	1884.0	34051.	8669.5	2503.5

Sample Name: S6 Acquired: 12/26/2017 10:33:15 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	72.447	33.783	19.314	7.0027	5.6899
Stddev	1.074	.048	.009	.0034	.0134
%RSD	1.4819	.14149	.04498	.04824	.23547

#1	71.237	33.777	19.304	6.9991	5.7047
#2	73.285	33.739	19.321	7.0032	5.6866
#3	72.819	33.834	19.316	7.0058	5.6785

Int. Std.	Y_3710
Units	Cts/S
Avg	8322.0
Stddev	21.8
%RSD	.26216

#1	8337.3
#2	8297.0
#3	8331.7

Sample Name: ICV Acquired: 12/26/2017 10:53:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.9766756	1.115341	.9750155	1.020607	.9739593	2.361435
Stddev	.0017814	.008073	.0058629	.009521	.0029681	.008007
%RSD	.1823952	.7238060	.6013079	.9328695	.3047488	.3390670

#1	.9780893	1.111314	.9682859	1.031597	.9772201	2.366957
#2	.9746748	1.110074	.9790186	1.014841	.9732429	2.352252
#3	.9772628	1.124635	.9777420	1.015385	.9714150	2.365095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253231	.5054924	.4737018	10.27857	.5098691	.4797861
Stddev	.0008658	.0021222	.0011568	.09151	.0039354	.0007981
%RSD	.1648210	.4198363	.2442130	.8902579	.7718368	.1663498

#1	.5243969	.5044964	.4723670	10.21699	.5066754	.4788693
#2	.5254601	.5040513	.4744154	10.23500	.5142655	.4801629
#3	.5261123	.5079294	.4743229	10.38372	.5086664	.4803260

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5023469	5.549031	.5458559	5.808178	.4986342	.4681075
Stddev	.0019504	.019410	.0032116	.043642	.0013228	.0014086
%RSD	.3882657	.3497937	.5883664	.7513897	.2652824	.3009098

#1	.5013629	5.555711	.5445032	5.768563	.4973164	.4675943
#2	.5010844	5.527163	.5435418	5.801012	.4986242	.4697008
#3	.5045933	5.564220	.5495226	5.854960	.4999619	.4670275

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.560484	.5182017	.9398909	9.512133	F .0127735	F -.005180
Stddev	.193712	.0052331	.0074680	.040673	.0012841	.000816
%RSD	2.026176	1.009859	.7945589	.4275921	10.05287	15.76025

#1	9.566998	.5154265	.9352844	9.506954	.0129250	-.005961
#2	9.750857	.5242379	.9358809	9.555148	.0139751	-.005246
#3	9.363597	.5149407	.9485073	9.474298	.0114203	-.004332

Sample Name: ICV Acquired: 12/26/2017 10:53:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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 -.000118	.0130800	.0001947	F -.001761	.0001677	-.004130
Stddev	.000398	.0023513	.0006201	.000900	.0002359	.000592
%RSD	336.7824	17.97598	318.4295	51.10087	140.6833	14.33783

#1	-.000531	.0104485	.0000514	-.000722	.0003778	-.004681
#2	.000263	.0149746	.0008740	-.002274	-.000088	-.004205
#3	-.000086	.0138168	-.000341	-.002287	.000213	-.003504

Elem	Sr4077
Units	ppm
Avg	.0115919
Stddev	.0000274
%RSD	.2367479

#1	.0115674
#2	.0116215
#3	.0115867

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1196.952	2287.874	38581.00	8976.118	3535.319
Stddev	9.940	18.986	230.51	59.639	21.612
%RSD	.8304701	.8298695	.5974697	.6644156	.6113176

#1	1185.709	2266.604	38346.45	8911.441	3512.201
#2	1200.568	2293.906	38589.31	9028.936	3538.740
#3	1204.578	2303.112	38807.24	8987.977	3555.017

Sample Name: ICB Acquired: 12/26/2017 10:58:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	-.002185	.0001626	-.001506	-.000862	-.001199	.0051608	-.001745
Stddev	.006117	.0006471	.000516	.001764	.000688	.0049857	.000461
%RSD	279.9041	397.9871	34.28822	204.5854	57.41738	96.60851	26.39661

#1	-.003678	.0009073	-.001746	.000875	-.000580	.0105118	-.002203
#2	-.007418	-.000263	-.001858	-.000810	-.001940	.0006460	-.001282
#3	.004540	-.000156	-.000913	-.002651	-.001076	.0043245	-.001751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000078	.0000606	-.000023	-.000264	.0002141	.0018371	.0000374
Stddev	.0000505	.0000180	.002011	.000494	.0001482	.0006647	.0025198
%RSD	646.3355	29.68663	8868.277	187.2640	69.24163	36.18011	6746.737

#1	.0000063	.0000401	-.002196	.000224	.0000925	.0020922	-.000185
#2	.0000591	.0000680	.000354	-.000764	.0003792	.0010827	.002661
#3	-.000042	.0000737	.001773	-.000251	.0001706	.0023364	-.002364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002621	.0137864	-.000160	.0003078	-.203373	-.001283	-.000400
Stddev	.0001473	.0184654	.000423	.0002157	.046881	.003419	.000771
%RSD	56.20624	133.9393	264.2232	70.07453	23.05165	266.5436	192.7844

#1	.0002994	-.007275	-.000352	.0005458	-.209288	-.001880	.000238
#2	.0000997	.021439	.000325	.0002521	-.153816	-.004363	-.001257
#3	.0003871	.027195	-.000452	.0001254	-.247016	.002395	-.000182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.380647	-.000635	-.006555	-.000136	.0018444	-.002492	-.001308
Stddev	.031453	.001159	.000315	.000165	.0024758	.000591	.000745
%RSD	8.262950	182.4077	4.803464	121.7094	134.2374	23.71789	56.92964

#1	-.411836	-.000097	-.006243	-.000326	.0005628	-.002696	-.002167
#2	-.348937	.000156	-.006873	-.000029	.0046983	-.001826	-.000869
#3	-.381167	-.001965	-.006551	-.000052	.0002721	-.002954	-.000887

Sample Name: ICB Acquired: 12/26/2017 10:58:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.0004928	-.005884	-.000043
Stddev	.0003274	.000440	.000046
%RSD	66.42261	7.477963	105.3342

#1	.0002951	-.005574	-.000007
#2	.0003127	-.006388	-.000095
#3	.0008707	-.005691	-.000028

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.844	2355.785	39908.04	9027.900	3803.543
Stddev	14.690	11.364	350.83	42.108	18.319
%RSD	1.192500	.4823717	.8790969	.4664204	.4816231

#1	1215.119	2345.686	39520.04	8979.475	3783.319
#2	1237.755	2353.578	40001.20	9048.325	3808.286
#3	1242.657	2368.090	40202.90	9055.900	3819.024

Sample Name: ICSA Acquired: 12/26/2017 11:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.0092225	-.009489	-.001990	-.002622	.0032323	249.7435
Stddev	.0052438	.006056	.003493	.002685	.0035841	.2537
%RSD	56.85835	63.81361	175.4939	102.4035	110.8861	.1015946

#1	.0152738	-.013922	-.004966	-.005723	.0028326	250.0318
#2	.0063786	-.011957	-.002860	-.001074	-.000135	249.6445
#3	.0060150	-.002590	.001855	-.001070	.006999	249.5542

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043849	.0009819	.0018884	257.2173	.0581362	.0009780
Stddev	.0003428	.0000582	.0002097	2.5932	.0002279	.0003866
%RSD	7.816824	5.927465	11.10388	1.008155	.3920683	39.52476

#1	.0041357	.0010089	.0020922	254.2359	.0579463	.0013012
#2	.0047758	.0010216	.0018997	258.9481	.0580734	.0005498
#3	.0042432	.0009151	.0016733	258.4680	.0583890	.0010831

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002462	106.5231	.0120117	265.7404	.0010172	.0075600
Stddev	.0018399	.5269	.0003203	1.2562	.0005910	.0002885
%RSD	747.2292	.4946464	2.666256	.4727140	58.10698	3.815835

#1	.0018668	106.0244	.0123625	264.2954	.0014167	.0075610
#2	.0006257	107.0743	.0119378	266.5733	.0003382	.0078480
#3	-.001754	106.4705	.0117348	266.3523	.0012966	.0072711

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047010	-.001956	.0034326	-.513720	-.001736	F .0114302
Stddev	.038847	.001455	.0003913	.039565	.004897	.0015510
%RSD	82.63430	74.39814	11.40063	7.701602	282.0781	13.56951

#1	-.010544	-.002613	.0037964	-.552048	-.007341	.0124638
#2	-.042623	-.002968	.0030186	-.516089	.000416	.0121800
#3	-.087865	-.000288	.0034830	-.473025	.001717	.0096467

Sample Name: ICSA Acquired: 12/26/2017 11:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.0004807	.0240002	-.007046	-.004671	.0008728	-.004607
Stddev	.0003355	.0020147	.001140	.001778	.0003390	.000659
%RSD	69.78286	8.394459	16.17235	38.05820	38.84036	14.29675

#1	.0006025	.0254305	-.005740	-.004739	.0012336	-.004693
#2	.0001014	.0216961	-.007837	-.006414	.0008240	-.005217
#3	.0007383	.0248739	-.007561	-.002860	.0005609	-.003909

Elem	Sr4077
Units	ppm
Avg	.1008090
Stddev	.0000977
%RSD	.0968655

#1	.1007715
#2	.1007358
#3	.1009199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.332	2063.548	34158.31	8526.500	2829.714
Stddev	15.878	15.257	173.04	22.464	15.211
%RSD	1.476600	.7393800	.5065749	.2634558	.5375364

#1	1061.591	2047.380	33981.53	8517.797	2813.310
#2	1071.690	2065.570	34166.04	8509.690	2832.480
#3	1092.715	2077.694	34327.35	8552.013	2843.351

Sample Name: ICSAB Acquired: 12/26/2017 11:17:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.1109615	.0936489	.0480830	.0485781	.6081489	247.0731
Stddev	.0004815	.0043087	.0029988	.0002560	.0021921	.4445
%RSD	.4339483	4.600956	6.236739	.5269521	.3604460	.1799226

#1	.1114884	.0961658	.0500294	.0483724	.6075170	247.2711
#2	.1105443	.0961072	.0495901	.0488647	.6063422	247.3843
#3	.1108519	.0886737	.0446296	.0484970	.6105875	246.5640

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5432175	.5182271	1.015066	256.7511	.5686973	.5054389
Stddev	.0025733	.0022781	.001080	.3527	.0020799	.0007132
%RSD	.4737193	.4395847	.1063484	.1373610	.3657237	.1411006

#1	.5450834	.5188838	1.013876	256.7193	.5667852	.5047147
#2	.5442873	.5201046	1.015337	257.1186	.5709118	.5054614
#3	.5402819	.5156928	1.015984	256.4154	.5683950	.5061405

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4985660	106.0414	.5563950	264.8036	1.028414	.1621310
Stddev	.0005499	.0616	.0006314	.2376	.002204	.0000393
%RSD	.1103006	.0581126	.1134876	.0897116	.2143012	.0242458

#1	.4979348	106.0373	.5561866	264.5343	1.029330	.1620856
#2	.4988220	106.1049	.5558941	264.9834	1.025900	.1621519
#3	.4989413	105.9819	.5571043	264.8931	1.030012	.1621554

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286847	.5116405	.9845592	-.627878	.0090059	F .0103541
Stddev	.0546894	.0009233	.0035665	.018422	.0045226	.0005662
%RSD	190.6569	.1804634	.3622476	2.933929	50.21875	5.468747

#1	.0222039	.5119753	.9863301	-.609352	.0138566	.0097609
#2	-.022475	.5105965	.9868936	-.628089	.0049051	.0104125
#3	.086326	.5123498	.9804538	-.646194	.0082558	.0108889

Sample Name: ICSAB Acquired: 12/26/2017 11:17:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) 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	.0005963	.0213555	-.006443	-.004876	.0001078	-.004834
Stddev	.0003370	.0055337	.000883	.000607	.0009252	.000450
%RSD	56.51610	25.91257	13.70468	12.44914	858.2166	9.308339

#1	.0009772	.0258117	-.005511	-.004978	-.000958	-.004481
#2	.0003370	.0230933	-.006551	-.004225	.000582	-.004680
#3	.0004746	.0151614	-.007267	-.005426	.000700	-.005340

Elem	Sr4077
Units	ppm
Avg	.0996631
Stddev	.0002430
%RSD	.2438256

#1	.0997542
#2	.0998474
#3	.0993877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1095.483	2088.680	34745.23	8701.826	2862.603
Stddev	8.084	6.746	187.67	58.887	11.892
%RSD	.7379039	.3229948	.5401376	.6767182	.4154231

#1	1086.411	2084.101	34531.42	8635.213	2849.186
#2	1101.922	2085.513	34882.71	8723.312	2866.779
#3	1098.115	2096.427	34821.56	8746.952	2871.843

Sample Name: CCV059 Acquired: 12/26/2017 11:26:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: VVB059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.034579	4.671562	23.56636	4.992244	5.011040	396.9287	10.17090
Stddev	.018825	.003027	.06759	.018993	.016091	.3523	.09870
%RSD	.3739199	.0647909	.2868068	.3804501	.3211145	.0887518	.9703823

#1	5.055559	4.675054	23.48975	5.000352	5.016826	397.0097	10.26910
#2	5.019165	4.669929	23.59179	4.970542	4.992856	397.2334	10.07171
#3	5.029011	4.669702	23.61755	5.005837	5.023438	396.5429	10.17191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4975784	2.426083	392.3541	14.74798	2.410251	14.49697	399.5442
Stddev	.0021260	.009603	1.5223	.00892	.006943	.02321	.8866
%RSD	.4272591	.3958126	.3879833	.0604937	.2880703	.1600846	.2219117

#1	.5000110	2.415767	390.7514	14.74855	2.405552	14.50035	398.5206
#2	.4960766	2.427719	393.7806	14.73879	2.406975	14.51831	400.0371
#3	.4966476	2.434762	392.5305	14.75661	2.418226	14.47227	400.0749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88577	401.3188	2.428623	1.326925	392.2719	2.412781	14.18621
Stddev	.03623	1.2564	.006563	.008331	1.3449	.006825	.14483
%RSD	.2434050	.3130780	.2702463	.6278139	.3428508	.2828648	1.020914

#1	14.84409	399.8680	2.422490	1.336334	392.2430	2.405010	14.02307
#2	14.90978	402.0448	2.427834	1.323951	393.6310	2.415531	14.29965
#3	14.90344	402.0437	2.435545	1.320489	390.9416	2.417802	14.23591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.5507	4.922469	4.785738	4.991704	5.023107	4.782847	4.901825
Stddev	.4809	.000365	.024957	.012087	.013893	.039351	.014079
%RSD	.3173322	.0074250	.5214788	.2421462	.2765811	.8227479	.2872261

#1	151.2536	4.922644	4.814490	4.988283	5.007189	4.825954	4.890110
#2	152.1055	4.922714	4.769679	4.981696	5.032789	4.748850	4.897919
#3	151.2929	4.922049	4.773046	5.005133	5.029343	4.773737	4.917444

Sample Name: CCV059 Acquired: 12/26/2017 11:26:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: VVB059 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.734232	5.406895	4.837286
Stddev	.009881	.028518	.022209
%RSD	.2087140	.5274361	.4591123

#1	4.726954	5.426526	4.859157
#2	4.745481	5.419975	4.837944
#3	4.730262	5.374183	4.814755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	982.2285	1892.268	32690.09	8393.354	2512.949
Stddev	6.5583	8.962	151.16	52.502	6.967
%RSD	.6676964	.4736118	.4623992	.6255191	.2772297

#1	979.0643	1882.392	32615.20	8339.539	2505.123
#2	977.8523	1899.883	32590.99	8396.087	2518.476
#3	989.7690	1894.529	32864.07	8444.436	2515.246

Sample Name: CCB059 Acquired: 12/26/2017 11:30:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: VVN059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002577	.0022545	-.000402	-.002129	-.001550	.0160392	-.001306
Stddev	.001924	.0012419	.000528	.002209	.000471	.0034285	.000115
%RSD	74.67259	55.08373	131.4821	103.7267	30.40348	21.37555	8.841658

#1	-.002946	.0011311	-.000002	-.002641	-.001926	.0198761	-.001184
#2	-.000495	.0020443	-.000203	-.004038	-.001701	.0132764	-.001320
#3	-.004290	.0035881	-.001001	.000290	-.001021	.0149651	-.001413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000172	.0000723	.0104445	-.000518	.0000677	.0037251	.0131443
Stddev	.0000385	.0000453	.0073335	.000303	.0003007	.0015289	.0082469
%RSD	223.4583	62.67755	70.21383	58.41707	443.8129	41.04171	62.74183

#1	.0000529	.0001174	.0104977	-.000344	-.000254	.0027110	.0220936
#2	-.000024	.0000268	.0177512	-.000867	.000342	.0054836	.0114882
#3	.000022	.0000726	.0030845	-.000343	.000115	.0029808	.0058510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006177	.0028066	-.000150	.0001716	-.224007	-.002545	.0008875
Stddev	.0003535	.0164448	.000538	.0001440	.115204	.001894	.0014473
%RSD	57.22344	585.9221	358.4451	83.93488	51.42880	74.42309	163.0883

#1	.0002601	-.003181	-.000051	.0000534	-.334573	-.004465	.0017547
#2	.0009669	.021406	.000332	.0003320	-.232782	-.000677	.0016910
#3	.0006261	-.009806	-.000731	.0001293	-.104667	-.002494	-.000783

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.390406	.0004934	-.003187	.0002032	.0053249	-.002204	-.001360
Stddev	.027451	.0022184	.000604	.0002137	.0019776	.000386	.001027
%RSD	7.031305	449.5937	18.96562	105.1707	37.13765	17.50477	75.49463

#1	-.410699	.0001128	-.002623	.0003675	.0037338	-.002637	-.002270
#2	-.359172	.0028775	-.003112	-.000038	.0075389	-.001897	-.001564
#3	-.401348	-.001510	-.003825	.000280	.0047022	-.002078	-.000247

Sample Name: CCB059 Acquired: 12/26/2017 11:30:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: VVN059 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011052	-.003121	.0001261
Stddev	.0006785	.000531	.0000722
%RSD	61.38813	17.02747	57.20669

#1	.0018672	-.002655	.0001837
#2	.0005667	-.003700	.0001494
#3	.0008817	-.003007	.0000452

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.616	2386.942	40084.39	8972.633	3844.216
Stddev	11.363	9.408	201.97	21.133	13.681
%RSD	.9092848	.3941462	.5038502	.2355270	.3558737

#1	1237.340	2381.488	39885.56	8949.825	3829.074
#2	1251.745	2397.806	40078.27	8976.525	3855.686
#3	1259.764	2381.533	40289.35	8991.550	3847.888

Sample Name: I6800-10 Acquired: 12/26/2017 11:34:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526787	-.023959	.2784476	.0116968	.0079484	69.49713	.8594739
Stddev	.0051825	.000720	.0026463	.0028536	.0012894	.16700	.0029209
%RSD	9.837991	3.003794	.9503820	24.39606	16.22161	.2402921	.3398420

#1	.0476837	-.024610	.2810156	.0149426	.0082890	69.37077	.8580840
#2	.0580303	-.024081	.2757294	.0095826	.0090332	69.68646	.8628301
#3	.0523222	-.023186	.2785978	.0105653	.0065229	69.43416	.8575075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126660	.0227262	134.9341	3.564446	.2333164	.2770098	275.3813
Stddev	.0000655	.0001127	.7385	.004154	.0004923	.0019167	.9071
%RSD	.5170534	.4958828	.5473369	.1165295	.2110002	.6919053	.3294121

#1	.0127409	.0227331	134.3586	3.561349	.2331625	.2749803	274.6209
#2	.0126380	.0228353	135.7669	3.569166	.2338672	.2787890	276.3854
#3	.0126193	.0226102	134.6768	3.562823	.2329193	.2772601	275.1377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.394695	79.47195	.8112042	.0214136	5.499621	.3197433	1.964497
Stddev	.025187	.26702	.0025020	.0002631	.032096	.0009278	.017191
%RSD	.3406121	.3359949	.3084265	1.228443	.5835962	.2901809	.8750931

#1	7.371204	79.19736	.8088724	.0211287	5.536245	.3204629	1.980103
#2	7.421291	79.73069	.8108932	.0214650	5.486220	.3200710	1.967318
#3	7.391589	79.48781	.8138472	.0216473	5.476397	.3186961	1.946070

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.68255	11.71539	.0894096	.0053558	6.752109	5.883617	.0188429
Stddev	.05493	.01822	.0050082	.0000580	.005669	.032550	.0016175
%RSD	.3292699	.1555235	5.601468	1.082365	.0839650	.5532366	8.583866

#1	16.63141	11.71222	.0951854	.0052993	6.751694	5.849073	.0169756
#2	16.74061	11.69896	.0867715	.0053529	6.746658	5.913717	.0197448
#3	16.67563	11.73498	.0862719	.0054151	6.757974	5.888060	.0198083

Sample Name: I6800-10 Acquired: 12/26/2017 11:34:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.364808	.1403428	.9086562
Stddev	.007140	.0007917	.0008491
%RSD	.5231654	.5641337	.0934478

#1	1.362545	.1405640	.9079110
#2	1.372805	.1410005	.9095806
#3	1.359073	.1394641	.9084769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.898	2442.568	42088.20	10336.89	3108.037
Stddev	8.970	3.127	216.13	28.13	3.313
%RSD	.7024854	.1280169	.5135183	.2721180	.1066010

#1	1269.575	2440.217	41897.31	10360.25	3104.590
#2	1274.215	2441.369	42044.44	10305.66	3108.325
#3	1286.903	2446.117	42322.87	10344.74	3111.198

Sample Name: I6800-11 Acquired: 12/26/2017 11:38:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0641779	-.026284	.2782809	.0073022	.0076222	70.01422	.8666762
Stddev	.0049155	.001940	.0035750	.0043087	.0005468	.19764	.0032690
%RSD	7.659111	7.382338	1.284659	59.00560	7.173578	.2822884	.3771830

#1	.0614330	-.026657	.2822040	.0120425	.0073361	70.10783	.8704242
#2	.0698527	-.028011	.2774319	.0062401	.0082527	69.78717	.8651901
#3	.0612479	-.024185	.2752069	.0036238	.0072778	70.14767	.8644143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128853	.0231171	134.9354	3.579505	.2348478	.2763999	276.7847
Stddev	.0000639	.0002019	.3620	.017319	.0001662	.0028034	.4702
%RSD	.4956177	.8735298	.2683020	.4838375	.0707621	1.014250	.1698862

#1	.0128691	.0230942	135.3491	3.578124	.2349314	.2736047	277.2604
#2	.0128311	.0233296	134.7807	3.562919	.2346564	.2763836	276.3202
#3	.0129557	.0229276	134.6765	3.597474	.2349556	.2792114	276.7735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.389708	79.83483	.8186285	-.009327	5.655203	.3246218	1.971832
Stddev	.010954	.05171	.0007312	.000183	.028667	.0035119	.014517
%RSD	.1482376	.0647723	.0893160	1.962942	.5069109	1.081850	.7362209

#1	7.402024	79.87514	.8178661	-.009130	5.665414	.3215748	1.956318
#2	7.381054	79.85283	.8186958	-.009358	5.622829	.3238278	1.974092
#3	7.386045	79.77653	.8193237	-.009492	5.677366	.3284627	1.985087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.84956	11.84914	.0877526	.0051979	6.899100	5.928142	.0174586
Stddev	.03295	.02201	.0073109	.0003665	.022149	.036938	.0018424
%RSD	.1955264	.1857688	8.331229	7.051231	.3210410	.6230906	10.55310

#1	16.85190	11.84225	.0848721	.0049951	6.899756	5.960984	.0155858
#2	16.81551	11.87377	.0823208	.0049776	6.920914	5.935289	.0175208
#3	16.88128	11.83140	.0960650	.0056210	6.876631	5.888153	.0192691

Sample Name: I6800-11 Acquired: 12/26/2017 11:38:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC02B3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.378339	.1413997	.9094460
Stddev	.003558	.0003093	.0003263
%RSD	.2581593	.2187441	.0358819

#1	1.381413	.1413407	.9091121
#2	1.374441	.1417342	.9094617
#3	1.379162	.1411241	.9097642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.476	2417.601	41829.97	10272.71	3084.585
Stddev	5.354	2.939	89.85	69.90	5.389
%RSD	.4241223	.1215505	.2147946	.6804193	.1746927

#1	1260.164	2416.891	41729.86	10199.42	3082.918
#2	1258.665	2415.082	41903.62	10280.09	3080.226
#3	1268.598	2420.829	41856.42	10338.63	3090.610

Sample Name: I6800-12 Acquired: 12/26/2017 11:42:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1562992	.0829555	.3306320	.1210093	.2307745	84.67078	5.633565
Stddev	.0032988	.0046312	.0019680	.0012065	.0033216	.52367	.049352
%RSD	2.110597	5.582757	.5952116	.9970258	1.439323	.6184733	.8760414

#1	.1590366	.0857616	.3317150	.1216968	.2296537	84.88987	5.675975
#2	.1572244	.0854947	.3283604	.1217150	.2281583	84.07315	5.579395
#3	.1526365	.0776100	.3318206	.1196162	.2345115	85.04931	5.645326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1194996	.1458880	144.6027	3.945232	1.464595	.8155105	307.7361
Stddev	.0005208	.0001136	.6188	.017558	.001580	.0035065	1.2446
%RSD	.4358021	.0778592	.4279179	.4450345	.1078492	.4299712	.4044517

#1	.1200519	.1458544	144.5786	3.965454	1.462887	.8190064	308.0563
#2	.1190175	.1457950	143.9964	3.933866	1.464893	.8119935	306.3626
#3	.1194295	.1460146	145.2332	3.936376	1.466004	.8155315	308.7893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.744460	91.02835	2.075627	.1403896	5.687291	1.504021	2.981822
Stddev	.042398	.50138	.002393	.0003447	.067738	.004828	.022894
%RSD	.4848565	.5507924	.1152824	.2455047	1.191034	.3209966	.7677951

#1	8.749748	90.96376	2.074082	.1407754	5.755351	1.509549	2.959963
#2	8.699666	90.56240	2.078384	.1401122	5.619880	1.500634	2.979876
#3	8.783966	91.55889	2.074416	.1402812	5.686642	1.501880	3.005628

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.31073	12.28408	.0920375	.0056421	7.558828	8.550654	.0199099
Stddev	.15777	.04902	.0026131	.0005397	.019752	.038773	.0014339
%RSD	.9114245	.3990130	2.839193	9.564888	.2613129	.4534487	7.201750

#1	17.31442	12.32010	.0916747	.0053626	7.559219	8.595331	.0194643
#2	17.15114	12.22826	.0896247	.0062641	7.538883	8.525807	.0215137
#3	17.46662	12.30387	.0948130	.0052994	7.578381	8.530823	.0187518

Sample Name: I6800-12 Acquired: 12/26/2017 11:42:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.660710	.1587689	.9837524
Stddev	.007545	.0028725	.0046190
%RSD	.4543389	1.809261	.4695300

#1	1.666533	.1612719	.9867808
#2	1.652186	.1556325	.9784360
#3	1.663413	.1594022	.9860404

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.395	2411.905	41800.38	10357.91	3022.440
Stddev	5.620	10.697	162.35	64.49	7.457
%RSD	.4455029	.4435282	.3883844	.6226417	.2467259

#1	1262.782	2399.558	41751.35	10301.36	3013.844
#2	1266.191	2417.752	41981.59	10428.15	3027.184
#3	1255.212	2418.403	41668.21	10344.22	3026.291

Sample Name: I6800-10LX5 Acquired: 12/26/2017 11:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170346	-.002624	.0572024	.0015989	-.000403	15.49250	.1925354
Stddev	.0040589	.000232	.0018592	.0021422	.000904	.03868	.0011127
%RSD	23.82756	8.845991	3.250193	133.9853	224.2402	.2497011	.5778914

#1	.0202680	-.002642	.0560477	-.000835	-.001283	15.53710	.1936961
#2	.0124796	-.002384	.0593471	.002433	-.000450	15.47231	.1914780
#3	.0183562	-.002847	.0562124	.003198	.000524	15.46808	.1924321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031288	.0042603	30.68999	.8316902	.0473736	.0654020	64.85777
Stddev	.0000705	.0001098	.04598	.0024466	.0000985	.0019690	.12433
%RSD	2.253647	2.576924	.1498310	.2941676	.2079460	3.010668	.1916968

#1	.0032099	.0041466	30.65728	.8300311	.0473163	.0664391	64.92099
#2	.0030821	.0042685	30.67012	.8345000	.0473171	.0631312	64.71454
#3	.0030943	.0043657	30.74256	.8305396	.0474873	.0666357	64.93779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.726329	17.77660	.1676754	-.002192	1.048545	.0733820	.4207248
Stddev	.005899	.11910	.0006086	.000163	.046058	.0010972	.0112828
%RSD	.3417073	.6700018	.3629307	7.430703	4.392596	1.495197	2.681760

#1	1.728181	17.69135	.1682598	-.002268	.998625	.0728380	.4176070
#2	1.719726	17.72576	.1670453	-.002005	1.089390	.0726630	.4113287
#3	1.731079	17.91269	.1677210	-.002302	1.057619	.0746448	.4332387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.226578	2.377437	.0130882	.0011581	1.377745	1.449939	.0034682
Stddev	.007855	.005852	.0014723	.0001242	.002044	.003002	.0010699
%RSD	.2434430	.2461655	11.24898	10.72556	.1483574	.2070127	30.84911

#1	3.220848	2.383117	.0116001	.0011759	1.377694	1.452284	.0027109
#2	3.235532	2.371426	.0131204	.0012726	1.375727	1.446556	.0030015
#3	3.223354	2.377769	.0145442	.0010260	1.379814	1.450976	.0046921

Sample Name: I6800-10LX5 Acquired: 12/26/2017 11:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3132224	.0246061	.2042988
Stddev	.0007406	.0007680	.0004652
%RSD	.2364561	3.121186	.2277175

#1	.3123725	.0247422	.2048058
#2	.3135649	.0237791	.2041990
#3	.3137299	.0252969	.2038915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.267	2395.372	39979.10	9277.888	3510.491
Stddev	9.063	11.612	244.59	74.279	14.673
%RSD	.7289960	.4847566	.6118041	.8006071	.4179617

#1	1234.755	2384.221	39698.25	9192.853	3494.212
#2	1252.796	2394.499	40145.38	9310.704	3514.563
#3	1242.251	2407.395	40093.67	9330.109	3522.697

Sample Name: I7016-16DLX10 Acquired: 12/26/2017 11:50:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA512 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123606	-.000217	15.67497	-.003981	-.000031	2.571583	.0542876
Stddev	.0009867	.002967	.04780	.001168	.001051	.004494	.0003699
%RSD	7.982340	1365.262	.3049519	29.33801	3403.527	.1747448	.6814366

#1	.0116292	.002405	15.67640	-.005138	-.001239	2.566712	.0541761
#2	.0119698	.000381	15.62647	-.004001	.000482	2.575567	.0547004
#3	.0134828	-.003438	15.72205	-.002803	.000665	2.572470	.0539861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010908	.0784564	228.0671	.0062766	.0286208	.1032912	32.89337
Stddev	.0000408	.0002179	.9890	.0008911	.0001559	.0011228	.08243
%RSD	3.735709	.2777127	.4336448	14.19793	.5448018	1.087034	.2505835

#1	.0010438	.0783693	226.9307	.0054100	.0284651	.1030411	32.79881
#2	.0011151	.0782955	228.5373	.0071904	.0287770	.1045180	32.95005
#3	.0011136	.0787043	228.7334	.0062292	.0286204	.1023146	32.93124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.638474	113.8736	.0223314	.0037682	.0471164	.0072717	3.252174
Stddev	.025619	.5620	.0003473	.0001877	.0469482	.0024127	.028403
%RSD	.5523178	.4935679	1.555341	4.982174	99.64297	33.17944	.8733514

#1	4.611411	113.2295	.0219538	.0039801	-.003147	.0098224	3.244133
#2	4.641659	114.1266	.0224032	.0037023	.089835	.0069666	3.228659
#3	4.662352	114.2647	.0226372	.0036224	.054662	.0050260	3.283731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1114572	.7950714	.0096653	.0008653	5.032538	1.122906	-.003823
Stddev	.0285517	.0039941	.0004003	.0000322	.018604	.005138	.001489
%RSD	25.61676	.5023607	4.141889	3.717542	.3696745	.4576024	38.95888

#1	.0966437	.7975941	.0092032	.0008308	5.019505	1.117888	-.003842
#2	.0933567	.7904664	.0099055	.0008706	5.053843	1.128156	-.005302
#3	.1443713	.7971536	.0098872	.0008944	5.024264	1.122673	-.002324

Sample Name: I7016-16DLX10 Acquired: 12/26/2017 11:50:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA512 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0244540	.0023784	.0617070
Stddev	.0002093	.0001709	.0000896
%RSD	.8561079	7.186357	.1452173

#1	.0246750	.0022876	.0618032
#2	.0242586	.0022720	.0616917
#3	.0244284	.0025755	.0616259

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.026	2211.378	36748.84	8867.581	3127.572
Stddev	8.463	8.103	120.10	35.106	9.919
%RSD	.7352190	.3664312	.3268253	.3958860	.3171618

#1	1144.646	2205.909	36635.24	8834.383	3117.215
#2	1147.806	2207.537	36736.75	8864.035	3128.516
#3	1160.626	2220.687	36874.54	8904.325	3136.986

Sample Name: I6754-10DLX20 Acquired: 12/26/2017 11:55:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024593	-.000338	-.001534	-.002724	-.001214	.0090376	-.001251
Stddev	.0039805	.002068	.002074	.000852	.001055	.0031822	.000198
%RSD	161.8576	611.8724	135.1888	31.26542	86.90947	35.21089	15.83883

#1	.0057664	.001722	-.002774	-.003644	-.001230	.0064597	-.001276
#2	-.001959	-.000322	.000860	-.001964	-.000151	.0080589	-.001042
#3	.003570	-.002414	-.002687	-.002563	-.002262	.0125943	-.001436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000569	.0000385	17.60961	-.000275	-.000610	.0026751	.0059929
Stddev	.0000743	.0000726	.01364	.000426	.000369	.0008523	.0066479
%RSD	130.4717	188.4371	.0774439	154.7168	60.56047	31.86030	110.9295

#1	.0000834	.0000192	17.60490	.000191	-.000191	.0018140	-.001683
#2	-.000027	.0001188	17.62497	-.000372	-.000888	.0035183	.009893
#3	.000114	-.000022	17.59894	-.000644	-.000751	.0026930	.009768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013138	51.98998	-.000580	.0000316	431.9699	-.001747	.0001414
Stddev	.0005796	.20786	.000295	.0001481	1.3119	.003060	.0007990
%RSD	44.11718	.3998081	50.95091	468.6469	.3036997	175.1447	565.0299

#1	.0018219	51.75013	-.000490	-.000014	430.6526	-.000879	-.000257
#2	.0014370	52.10226	-.000340	-.000089	433.2763	-.005146	.001061
#3	.0006825	52.11755	-.000910	.000197	431.9808	.000785	-.000380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.38537	.0003127	.1834960	.0004720	35.90240	.0782900	-.001137
Stddev	.07328	.0020862	.0035654	.0002666	.13290	.0014194	.001804
%RSD	.4472490	667.1769	1.943055	56.49140	.3701732	1.812967	158.7489

#1	16.31487	.0027194	.1794282	.0003383	35.76403	.0766886	.000478
#2	16.46115	-.000978	.1860792	.0007790	35.91412	.0793931	-.003084
#3	16.38010	-.000803	.1849808	.0002986	36.02906	.0787882	-.000803

Sample Name: I6754-10DLX20 Acquired: 12/26/2017 11:55:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010792	.0044573	.3046544
Stddev	.0007586	.0010714	.0004095
%RSD	70.28957	24.03764	.1344206

#1	.0007030	.0034344	.3042934
#2	.0019524	.0043661	.3050994
#3	.0005824	.0055715	.3045705

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1134.242	2181.235	34966.60	8611.309	3008.707
Stddev	14.105	13.334	211.53	46.637	7.927
%RSD	1.243534	.6112912	.6049403	.5415838	.2634550

#1	1118.258	2167.568	34722.37	8558.192	3000.729
#2	1139.527	2181.926	35091.51	8630.183	3008.810
#3	1144.940	2194.209	35085.93	8645.550	3016.582

Sample Name: I6755-10DLX20 Acquired: 12/26/2017 12:03:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035086	-.000058	-.001903	-.004687	-.001660	.0044877	-.001595
Stddev	.0035409	.001920	.001075	.002462	.000679	.0019740	.000122
%RSD	100.9202	3337.955	56.47079	52.53526	40.90475	43.98757	7.656271

#1	.0046167	-.000085	-.001962	-.007324	-.001600	.0052071	-.001732
#2	-.000454	.001876	-.000800	-.004290	-.001012	.0022549	-.001557
#3	.006363	-.001963	-.002947	-.002447	-.002366	.0060011	-.001497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000300	-.000011	17.35333	.0000229	-.000577	.0035238	-.005760
Stddev	.0000611	.000036	.16799	.0002951	.000472	.0019601	.006321
%RSD	203.7453	336.7120	.9680766	1291.649	81.79739	55.62339	109.7529

#1	-.000012	.000017	17.21236	-.000080	-.000033	.0050234	-.012821
#2	.000002	-.000051	17.30843	-.000207	-.000821	.0013059	-.003828
#3	.000100	.000003	17.53922	.000356	-.000878	.0042421	-.000630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006513	51.73440	-.000903	.0000829	432.7377	-.002196	-.000180
Stddev	.0005504	.28564	.000471	.0000990	1.3316	.000732	.002935
%RSD	84.50521	.5521351	52.09743	119.5190	.3077167	33.32674	1630.041

#1	.0003062	51.51174	-.001386	.0001568	431.5827	-.003030	.001791
#2	.0012860	51.63499	-.000446	.0001214	432.4362	-.001659	.001222
#3	.0003616	52.05646	-.000878	-.000030	434.1942	-.001901	-.003554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.42488	.0013478	.1825179	.0002201	35.94194	.0601699	-.002601
Stddev	.03189	.0039275	.0023895	.0002461	.18050	.0012734	.000243
%RSD	.1941353	291.4069	1.309169	111.7848	.5021934	2.116274	9.355666

#1	16.45050	-.001733	.1827519	-.000022	36.02290	.0596882	-.002337
#2	16.38917	.000006	.1800200	.000213	36.06779	.0592076	-.002652
#3	16.43497	.005770	.1847817	.000470	35.73514	.0616138	-.002816

Sample Name: I6755-10DLX20 Acquired: 12/26/2017 12:03:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007695	.0060064	.3052367
Stddev	.0005318	.0008638	.0005848
%RSD	69.10712	14.38101	.1915761

#1	.0006161	.0050641	.3056001
#2	.0003313	.0061944	.3055478
#3	.0013611	.0067607	.3045621

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.020	2154.931	34964.42	8647.717	2993.648
Stddev	8.452	12.426	128.99	45.472	14.584
%RSD	.7512684	.5766287	.3689254	.5258278	.4871631

#1	1116.242	2148.970	34817.70	8627.545	2983.697
#2	1125.717	2146.610	35060.00	8699.785	2986.858
#3	1133.103	2169.215	35015.55	8615.820	3010.389

Sample Name: I6755-14 Acquired: 12/26/2017 12:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090739	.0021197	-.005472	-.001340	-.001360	.0211134
Stddev	.0082984	.0028345	.003720	.002207	.001399	.0022598
%RSD	91.45314	133.7218	67.98386	164.6305	102.8645	10.70295

#1	.0185264	.0014763	-.009476	-.003096	-.002551	.0185253
#2	.0029871	-.000338	-.002124	-.002062	-.001710	.0221201
#3	.0057083	.005221	-.004815	.001137	.000181	.0226949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088883	.0001322	-.000183	335.1194	.0014822	-.001132
Stddev	.0001414	.0000834	.000079	.6170	.0002742	.000262
%RSD	1.590547	63.06808	42.98200	.1841097	18.49985	23.16083

#1	.0089854	.0000875	-.000212	335.3402	.0016176	-.000854
#2	.0087261	.0000807	-.000243	335.5956	.0016624	-.001375
#3	.0089533	.0002284	-.000094	334.4223	.0011667	-.001168

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064844	-.069742	.0078524	F 1043.306	-.001419	.0002282
Stddev	.0008590	.007484	.0003658	4.072	.000066	.0001842
%RSD	13.24784	10.73058	4.658445	.3903411	4.616303	80.72625

#1	.0057277	-.078200	.0082402	1046.598	-.001351	.0003128
#2	.0063073	-.063979	.0078035	1044.568	-.001482	.0003549
#3	.0074182	-.067047	.0075135	1038.752	-.001425	.0000169

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9322.064	-.000296	.0048502	F 378.9509	.1020071	3.445076
Stddev	65.745	.004500	.0030873	2.3709	.0003088	.010679
%RSD	.7052633	1521.985	63.65202	.6256528	.3026896	.3099887

#1	9279.873	.004488	.0072936	376.8124	.1019941	3.438516
#2	9397.817	-.000930	.0013805	378.5398	.1017051	3.457399
#3	9288.503	-.004445	.0058766	381.5005	.1023222	3.439315

Sample Name: I6755-14 Acquired: 12/26/2017 12:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087501	903.6629	1.385185	-.008603	-.005440	.2355603
Stddev	.0006091	2.4113	.005183	.001276	.000302	.0076112
%RSD	6.961160	.2668312	.3741888	14.82710	5.560633	3.231116

#1	.0090530	902.8834	1.383274	-.009656	-.005788	.2271244
#2	.0091483	906.3674	1.391052	-.008969	-.005295	.2376437
#3	.0080489	901.7378	1.381228	-.007185	-.005237	.2419130

Elem	Sr4077
Units	ppm
Avg	5.903778
Stddev	.075696
%RSD	1.282163

#1	5.831933
#2	5.896588
#3	5.982812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	899.2462	1668.015	26832.06	7894.091	1900.211
Stddev	7.5343	9.161	143.59	18.484	9.723
%RSD	.8378440	.5492266	.5351567	.2341556	.5116931

#1	897.3508	1677.251	26885.17	7910.828	1909.391
#2	907.5471	1667.862	26941.52	7897.192	1901.220
#3	892.8405	1658.930	26669.47	7874.252	1890.023

Sample Name: I7017-13 Acquired: 12/26/2017 12:15:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA528 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1209475	-.016896	4.606147	.0022630	.0057917	77.86039	1.344541
Stddev	.0020229	.004817	.010782	.0028733	.0011635	.03612	.005192
%RSD	1.672571	28.51175	.2340711	126.9647	20.08869	.0463952	.3861702

#1	.1196634	-.020525	4.595524	-.000623	.0056578	77.83533	1.344872
#2	.1232794	-.018734	4.617081	.005124	.0047010	77.90180	1.349560
#3	.1198997	-.011431	4.605836	.002288	.0070164	77.84404	1.339191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093390	.0171817	29.20969	.1534950	.1555129	.3209826	201.0325
Stddev	.0000611	.0001641	.17784	.0011228	.0009728	.0005148	.7951
%RSD	.6544754	.9553185	.6088253	.7314595	.6255645	.1603732	.3954904

#1	.0092771	.0169923	29.00598	.1522019	.1544444	.3210716	200.1777
#2	.0093407	.0172816	29.33396	.1540616	.1557470	.3204291	201.1699
#3	.0093993	.0172712	29.28912	.1542216	.1563474	.3214470	201.7499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87028	16.30908	.1631268	-.006486	.7909744	.3352371	1.397905
Stddev	.05667	.07698	.0009638	.000300	.0556311	.0039773	.011626
%RSD	.5213041	.4719931	.5908045	4.626063	7.033235	1.186424	.8317086

#1	10.80485	16.22096	.1621103	-.006193	.8542960	.3346382	1.410790
#2	10.90332	16.34307	.1640273	-.006793	.7499540	.3394799	1.388199
#3	10.90267	16.36321	.1632428	-.006473	.7686732	.3315932	1.394725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.712815	5.290730	.0488858	.0047738	3.058527	2.186982	.0064806
Stddev	.041657	.036786	.0035111	.0001790	.022667	.020303	.0006690
%RSD	.4781171	.6952914	7.182328	3.748938	.7411070	.9283347	10.32345

#1	8.703575	5.248266	.0518063	.0045978	3.040446	2.164492	.0057296
#2	8.758317	5.312877	.0449902	.0049556	3.051179	2.203957	.0066995
#3	8.676553	5.311047	.0498609	.0047680	3.083956	2.192498	.0070128

Sample Name: I7017-13 Acquired: 12/26/2017 12:15:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA528 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6832176	.0394774	.0517432
Stddev	.0040201	.0006382	.0000354
%RSD	.5884097	1.616655	.0684270

#1	.6822647	.0390273	.0517752
#2	.6797595	.0402078	.0517052
#3	.6876285	.0391971	.0517493

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.130	2547.523	45456.58	11476.79	3306.951
Stddev	12.451	13.427	177.73	78.51	12.719
%RSD	.9290924	.5270493	.3909846	.6840893	.3846204

#1	1328.322	2532.088	45295.48	11543.84	3292.830
#2	1338.931	2556.502	45427.03	11390.42	3310.516
#3	1353.137	2553.979	45647.23	11496.11	3317.507

Sample Name: I7017-14 Acquired: 12/26/2017 12:19:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA529 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000985	-.015194	14.42857	-.002251	.0042735	69.34596	6.241102
Stddev	.0010739	.002361	.05281	.003242	.0013309	.15764	.009680
%RSD	1.072867	15.53773	.3660130	144.0100	31.14366	.2273242	.1550932

#1	.0997600	-.013669	14.37602	.000737	.0052526	69.18855	6.231983
#2	.1013009	-.017913	14.42804	-.001793	.0048098	69.50383	6.251258
#3	.0992346	-.014000	14.48164	-.005698	.0027581	69.34549	6.240066

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096219	.0857385	332.4671	.1197003	.1962187	.2964654	198.8138
Stddev	.0000558	.0004085	1.0288	.0007837	.0004671	.0007286	.5317
%RSD	.5796972	.4764016	.3094451	.6546937	.2380494	.2457794	.2674564

#1	.0096742	.0852902	331.6569	.1205557	.1959976	.2965227	198.4470
#2	.0096284	.0860895	333.6246	.1195282	.1967553	.2957098	199.4237
#3	.0095632	.0858357	332.1197	.1190170	.1959031	.2971637	198.5709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.35430	169.6194	.2012627	-.002292	1.221633	.2676601	4.635102
Stddev	.04827	.4419	.0008982	.000400	.142460	.0018080	.030526
%RSD	.2630040	.2605156	.4462791	17.46317	11.66147	.6754804	.6585733

#1	18.31049	169.1398	.2002330	-.002533	1.117095	.2663121	4.669571
#2	18.40605	170.0101	.2018850	-.001830	1.383896	.2697147	4.611487
#3	18.34635	169.7082	.2016701	-.002513	1.163907	.2669537	4.624247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.412101	6.495613	.0492810	.0047225	5.382513	1.832978	.0042735
Stddev	.008462	.040682	.0004034	.0004259	.003332	.006333	.0020411
%RSD	.1005979	.6262999	.8185449	9.017478	.0619003	.3455180	47.76296

#1	8.409330	6.540827	.0488171	.0048887	5.379557	1.827403	.0028698
#2	8.421601	6.484042	.0495494	.0042387	5.386124	1.839864	.0066150
#3	8.405371	6.461970	.0494764	.0050403	5.381859	1.831668	.0033357

Sample Name: I7017-14 Acquired: 12/26/2017 12:19:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA529 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5303558	.0478331	.1540585
Stddev	.0025686	.0004675	.0003663
%RSD	.4843069	.9773581	.2377727

#1	.5331522	.0482557	.1536789
#2	.5281017	.0473309	.1540865
#3	.5298135	.0479127	.1544099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.123	2315.915	41298.03	10894.17	2825.270
Stddev	6.449	12.560	187.75	48.82	5.987
%RSD	.5289753	.5423518	.4546239	.4481003	.2119174

#1	1212.980	2301.442	41190.43	10909.46	2820.395
#2	1218.551	2322.339	41188.83	10839.53	2823.461
#3	1225.839	2323.964	41514.82	10933.50	2831.953

Sample Name: I7017-15 Acquired: 12/26/2017 12:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA530 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300866	-.013555	16.03488	.0021474	.0041601	84.97098	2.584949
Stddev	.0006727	.002542	.13463	.0015356	.0014083	1.00084	.030783
%RSD	.5171367	18.74973	.8396195	71.50714	33.85289	1.177863	1.190864

#1	.1301033	-.012361	16.15949	.0003751	.0025643	85.62953	2.607001
#2	.1294057	-.011831	16.05306	.0030791	.0052288	85.46415	2.598065
#3	.1307508	-.016474	15.89208	.0029881	.0046873	83.81926	2.549780

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099679	.0401430	105.7988	.1413701	.2191081	.4346147	201.5283
Stddev	.0001905	.0004347	.6180	.0008691	.0011908	.0048175	1.5512
%RSD	1.911254	1.082888	.5841543	.6147549	.5434886	1.108454	.7697013

#1	.0101627	.0406311	106.0928	.1418691	.2199780	.4390708	202.2406
#2	.0097820	.0397975	106.2149	.1418746	.2195953	.4352704	202.5954
#3	.0099590	.0400004	105.0886	.1403666	.2177509	.4295029	199.7490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.21252	49.71381	.2479068	-.004835	.6557915	.2669338	2.324429
Stddev	.12194	.34833	.0030622	.000094	.0970206	.0019942	.005892
%RSD	.6347124	.7006698	1.235211	1.934935	14.79443	.7470824	.2534677

#1	19.26462	49.84788	.2505752	-.004729	.5447402	.2679567	2.320103
#2	19.29976	49.97518	.2485816	-.004872	.7241117	.2682090	2.331139
#3	19.07318	49.31836	.2445634	-.004905	.6985226	.2646357	2.322044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.12907	7.265380	.0534773	.0040550	4.614156	2.057739	.0058724
Stddev	.17876	.063966	.0030533	.0001670	.046783	.013626	.0013343
%RSD	1.606266	.8804274	5.709613	4.119713	1.013909	.6621651	22.72114

#1	11.24843	7.333493	.0518098	.0040212	4.667747	2.068231	.0051705
#2	11.21524	7.256065	.0570013	.0039074	4.593245	2.062646	.0074111
#3	10.92354	7.206581	.0516208	.0042364	4.581475	2.042339	.0050355

Sample Name: I7017-15 Acquired: 12/26/2017 12:24:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA530 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5725664	.0534881	.0848612
Stddev	.0055840	.0009405	.0009043
%RSD	.9752534	1.758429	1.065596

#1	.5755457	.0541643	.0853553
#2	.5760288	.0538859	.0854107
#3	.5661246	.0524140	.0838175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.337	2539.780	45067.29	11561.08	3103.795
Stddev	5.423	14.233	17.66	69.37	24.365
%RSD	.4088754	.5603971	.0391958	.6000105	.7850087

#1	1322.213	2525.844	45057.83	11496.93	3079.451
#2	1332.480	2539.205	45056.36	11551.62	3103.754
#3	1324.318	2554.292	45087.67	11634.70	3128.181

Sample Name: I7017-16 Acquired: 12/26/2017 12:27:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA531 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301595	-.024393	21.76131	.0086040	.0130211	74.95910	7.343476
Stddev	.0014546	.003389	.04594	.0026869	.0011598	.34476	.023150
%RSD	1.117568	13.89514	.2111053	31.22804	8.906651	.4599337	.3152485

#1	.1316786	-.021960	21.74828	.0057488	.0117121	74.58133	7.370186
#2	.1287793	-.028264	21.72329	.0089805	.0134309	75.25675	7.331048
#3	.1300205	-.022954	21.81236	.0110828	.0139203	75.03921	7.329193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139101	.0652364	353.8323	.1404479	.3879388	1.246389	319.6562
Stddev	.0001193	.0001795	1.4600	.0009509	.0000740	.003588	1.6793
%RSD	.8572705	.2751310	.4126193	.6770736	.0190887	.2878570	.5253529

#1	.0138721	.0653984	352.2519	.1408307	.3878964	1.247682	317.7185
#2	.0138145	.0650435	354.1143	.1411477	.3878958	1.249152	320.6883
#3	.0140437	.0652672	355.1308	.1393652	.3880244	1.242334	320.5618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.52326	152.7408	.4094475	-.007127	2.014701	.3078045	6.669873
Stddev	.09743	.8604	.0011443	.000108	.103610	.0038736	.043037
%RSD	.4747331	.5633318	.2794658	1.513029	5.142688	1.258462	.6452508

#1	20.41106	151.7542	.4085968	-.007114	2.023142	.3051444	6.621208
#2	20.57222	153.3355	.4107484	-.007241	1.907129	.3060205	6.685490
#3	20.58651	153.1328	.4089974	-.007027	2.113832	.3122487	6.702922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16013	13.96289	.2089684	.0437379	18.58062	2.007789	.0698046
Stddev	.06412	.06516	.0028471	.0001819	.08817	.003003	.0010784
%RSD	.5745286	.4666396	1.362455	.4157951	.4745449	.1495824	1.544928

#1	11.09366	14.01265	.2057162	.0438354	18.57876	2.006021	.0703697
#2	11.22160	13.88914	.2101783	.0438501	18.49339	2.011257	.0685610
#3	11.16514	13.98687	.2110107	.0435280	18.66971	2.006090	.0704830

Sample Name: I7017-16 Acquired: 12/26/2017 12:27:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA531 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.219944	.0704782	.3368436
Stddev	.002443	.0004015	.0008241
%RSD	.2002661	.5696637	.2446541

#1	1.217501	.0700591	.3358920
#2	1.222387	.0705163	.3373172
#3	1.219942	.0708593	.3373216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.583	2247.191	40350.54	10577.81	2798.811
Stddev	6.163	15.065	12.36	19.54	8.687
%RSD	.5224451	.6703764	.0306219	.1847672	.3103772

#1	1174.418	2232.769	40353.49	10555.46	2789.241
#2	1186.405	2245.980	40336.98	10591.71	2800.990
#3	1177.926	2262.825	40361.16	10586.26	2806.200

Sample Name: I7017-17 Acquired: 12/26/2017 12:32:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA532 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870150	-.016961	3.500413	.0064944	.0056358	79.83996	1.559620
Stddev	.0036643	.001055	.009054	.0002285	.0010169	.12534	.002118
%RSD	4.211084	6.221829	.2586667	3.519021	18.04299	.1569893	.1358214

#1	.0833189	-.015984	3.494495	.0066000	.0054274	79.91010	1.560199
#2	.0906466	-.016821	3.495908	.0066510	.0067407	79.91452	1.557272
#3	.0870794	-.018080	3.510837	.0062321	.0047393	79.69525	1.561389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076488	.0608482	202.2362	.1099054	.1729624	.1711887	180.0501
Stddev	.0001426	.0003596	1.2950	.0005987	.0010241	.0021029	.7790
%RSD	1.864268	.5910507	.6403629	.5447420	.5920816	1.228387	.4326676

#1	.0074874	.0604929	200.7523	.1103440	.1725360	.1730866	179.1506
#2	.0077011	.0608398	202.8179	.1092233	.1722206	.1689281	180.4966
#3	.0077579	.0612120	203.1385	.1101490	.1741309	.1715514	180.5031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.28775	85.52970	.1494246	-.002243	.6300944	.2614815	3.418401
Stddev	.05101	.27585	.0006117	.000221	.1592551	.0044027	.034043
%RSD	.4518875	.3225189	.4093465	9.859505	25.27480	1.683732	.9958855

#1	11.23044	85.25624	.1488915	-.002239	.6727221	.2576374	3.387925
#2	11.30466	85.52498	.1492899	-.002466	.7636977	.2605224	3.455142
#3	11.32816	85.80788	.1500924	-.002024	.4538633	.2662846	3.412135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.068932	4.352005	.0858481	.0093172	6.686176	2.897017	.0063241
Stddev	.009289	.023867	.0006676	.0001066	.023036	.011908	.0013637
%RSD	.1151152	.5484164	.7776462	1.144016	.3445352	.4110306	21.56331

#1	8.077135	4.337571	.0858154	.0094272	6.677158	2.884375	.0078900
#2	8.070813	4.338890	.0851974	.0092144	6.669013	2.898656	.0056850
#3	8.058846	4.379554	.0865314	.0093100	6.712357	2.908020	.0053974

Sample Name: I7017-17 Acquired: 12/26/2017 12:32:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA532 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9632054	.0639141	.1747651
Stddev	.0065483	.0006364	.0002738
%RSD	.6798465	.9957650	.1566475

#1	.9623446	.0638584	.1747127
#2	.9701415	.0645765	.1750613
#3	.9571300	.0633073	.1745213

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.992	2261.958	40015.17	10254.51	3009.441
Stddev	4.149	9.317	43.56	35.78	1.947
%RSD	.3497921	.4118970	.1088670	.3489154	.0646959

#1	1187.212	2251.933	40041.18	10295.72	3007.569
#2	1181.370	2263.589	39964.88	10236.44	3011.455
#3	1189.393	2270.351	40039.45	10231.37	3009.298

Sample Name: I7017-18 Acquired: 12/26/2017 12:36:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA533 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482810	-.025288	12.15125	.0046864	.0100071	82.14845	19.33379
Stddev	.0070841	.005041	.02839	.0022791	.0015746	.03535	.19526
%RSD	4.777455	19.93564	.2336376	48.63191	15.73438	.0430308	1.009943

#1	.1515660	-.020357	12.14366	.0070520	.0094579	82.13184	19.13853
#2	.1531261	-.030432	12.12742	.0045024	.0117827	82.12446	19.52905
#3	.1401507	-.025074	12.18266	.0025049	.0087807	82.18905	19.33380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085212	.0727313	450.8974	.1569285	.1634890	.4306035	253.1158
Stddev	.0001498	.0000745	2.5633	.0005462	.0008451	.0016427	1.1346
%RSD	1.758178	.1023769	.5684780	.3480820	.5168911	.3814942	.4482498

#1	.0084154	.0726459	448.1518	.1572548	.1634684	.4324978	251.9826
#2	.0086926	.0727657	453.2275	.1572329	.1626544	.4295706	254.2518
#3	.0084555	.0727824	451.3129	.1562979	.1643442	.4297422	253.1129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.36463	208.5482	.1851980	-.006014	1.216679	.3527409	4.496530
Stddev	.07401	.8794	.0004430	.000297	.111048	.0021460	.007046
%RSD	.5537394	.4216937	.2391953	4.934506	9.127127	.6083722	.1566914

#1	13.29316	207.7331	.1848409	-.006295	1.276930	.3546813	4.489555
#2	13.44093	209.4803	.1850593	-.005704	1.088528	.3504360	4.496390
#3	13.35979	208.4311	.1856937	-.006043	1.284578	.3531055	4.503644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.896735	6.007259	.0810412	.0096871	12.70859	2.704343	.0033253
Stddev	.046042	.078202	.0005249	.0003022	.14197	.007982	.0025213
%RSD	.5830478	1.301788	.6477175	3.119462	1.117142	.2951364	75.82292

#1	7.900704	6.096214	.0804352	.0099506	12.85736	2.697196	.0012254
#2	7.848838	5.949333	.0813372	.0093572	12.57457	2.712956	.0026288
#3	7.940664	5.976231	.0813513	.0097534	12.69384	2.702877	.0061217

Sample Name: I7017-18 Acquired: 12/26/2017 12:36:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA533 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6995997	.0527286	.4387169
Stddev	.0019052	.0007698	.0001189
%RSD	.2723216	1.460025	.0270906

#1	.6977282	.0524601	.4388383
#2	.6995341	.0521289	.4387118
#3	.7015368	.0535967	.4386007

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1141.562	2176.588	38392.35	10086.89	2764.358
Stddev	2.605	1.103	48.28	70.34	2.416
%RSD	.2281645	.0506789	.1257440	.6973155	.0874035

#1	1143.315	2176.011	38428.32	10137.45	2762.401
#2	1138.569	2177.860	38337.49	10006.56	2767.059
#3	1142.802	2175.893	38411.24	10116.65	2763.614

Sample Name: I7017-19 Acquired: 12/26/2017 12:40:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA534 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935163	-.017736	22.94497	.0023867	.0055847	66.21406	1.414156
Stddev	.0052016	.006555	.05253	.0016418	.0005308	.19691	.005529
%RSD	5.562247	36.95924	.2289270	68.78863	9.505301	.2973867	.3909738

#1	.0911587	-.010658	22.93024	.0039927	.0061645	66.08096	1.417642
#2	.0994793	-.023597	22.90138	.0024558	.0054669	66.44026	1.417045
#3	.0899110	-.018953	23.00329	.0007114	.0051226	66.12097	1.407781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087793	.2098115	513.6766	.1624334	.2308997	.3472813	209.1842
Stddev	.0000738	.0003318	1.4271	.0006678	.0010334	.0006795	.3289
%RSD	.8404664	.1581406	.2778284	.4111046	.4475388	.1956620	.1572530

#1	.0087786	.2097080	515.3234	.1629475	.2305568	.3478962	209.4406
#2	.0088535	.2095437	512.9057	.1616787	.2300813	.3473959	209.2988
#3	.0087059	.2101827	512.8006	.1626742	.2320609	.3465518	208.8133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.07940	271.0486	.2100105	.0077433	1.495889	.2185430	9.897766
Stddev	.03851	.3913	.0010733	.0003385	.043283	.0034823	.050698
%RSD	.1827105	.1443695	.5110466	4.371564	2.893476	1.593400	.5122205

#1	21.11769	271.2311	.2088005	.0078908	1.465642	.2169549	9.945556
#2	21.07983	271.3154	.2103838	.0079831	1.545469	.2161379	9.903153
#3	21.04066	270.5994	.2108473	.0073561	1.476556	.2225362	9.844590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.865794	4.972908	.0432777	.0046820	6.591204	2.867057	.0047370
Stddev	.052953	.058808	.0016628	.0003667	.055301	.011499	.0027811
%RSD	.7712522	1.182563	3.842097	7.831572	.8390099	.4010824	58.71011

#1	6.804666	4.940966	.0414973	.0049652	6.560095	2.878864	.0015892
#2	6.895151	4.936985	.0447903	.0048129	6.558465	2.855892	.0068614
#3	6.897566	5.040775	.0435455	.0042678	6.655053	2.866414	.0057602

Sample Name: I7017-19 Acquired: 12/26/2017 12:40:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA534 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5249348	.0498020	.1636507
Stddev	.0017347	.0007155	.0006170
%RSD	.3304585	1.436605	.3770099

#1	.5255099	.0506175	.1630658
#2	.5229856	.0492797	.1642954
#3	.5263089	.0495089	.1635909

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.806	2257.354	39783.58	10405.98	2709.641
Stddev	10.185	4.358	213.33	56.05	10.208
%RSD	.8546062	.1930476	.5362388	.5386142	.3767275

#1	1182.223	2260.132	39618.90	10344.61	2713.059
#2	1190.693	2259.598	39707.25	10418.85	2717.702
#3	1202.502	2252.331	40024.58	10454.47	2698.163

Sample Name: I7017-20 Acquired: 12/26/2017 12:44:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA535 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8687731	-.014651	.4070918	.1677523	.7138077	18.79773	.0701747
Stddev	.0052912	.002014	.0006431	.0016613	.0023288	.13185	.0005057
%RSD	.6090467	13.74460	.1579753	.9903254	.3262542	.7014335	.7205898

#1	.8736169	-.015475	.4078277	.1662629	.7163999	18.66023	.0695911
#2	.8695761	-.012356	.4066377	.1695440	.7118921	18.80984	.0704521
#3	.8631263	-.016121	.4068101	.1674502	.7131310	18.92310	.0704810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2721189	.1827104	9.051692	.0332297	.3515796	.3039512	45.30359
Stddev	.0014742	.0012161	.121316	.0009507	.0010017	.0029052	.46014
%RSD	.5417493	.6655631	1.340254	2.861139	.2849119	.9558121	1.015678

#1	.2711190	.1822001	8.919724	.0321319	.3511465	.3006753	44.87906
#2	.2714258	.1818327	9.076985	.0337759	.3508673	.3049631	45.23917
#3	.2738119	.1840985	9.158367	.0337814	.3527249	.3062151	45.79254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4812723	61.48631	.3943676	.0612441	40.10068	1.461268	.0458679
Stddev	.0051895	.74288	.0003119	.0000836	.12750	.013291	.0018996
%RSD	1.078283	1.208202	.0790779	.1365678	.3179444	.9095531	4.141478

#1	.4762099	60.70233	.3942154	.0612269	39.95456	1.448822	.0479172
#2	.4810269	61.57683	.3941612	.0613350	40.15815	1.459714	.0455207
#3	.4865801	62.17979	.3947264	.0611704	40.18932	1.475267	.0441659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.161843	.1137454	.0590288	.0048463	.5804433	2.134670	.0020371
Stddev	.034460	.0019371	.0012618	.0002024	.0036133	.048603	.0009064
%RSD	1.593992	1.702973	2.137582	4.176837	.6225026	2.276838	44.49585

#1	2.147680	.1140326	.0592116	.0047026	.5794697	2.080175	.0025087
#2	2.136722	.1116807	.0576856	.0050778	.5844436	2.150298	.0026104
#3	2.201127	.1155228	.0601893	.0047585	.5774166	2.173536	.0009921

Sample Name: I7017-20 Acquired: 12/26/2017 12:44:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA535 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6851500	-.002039	.0223882
Stddev	.0051413	.000550	.0001048
%RSD	.7503924	26.99979	.4681410

#1	.6794665	-.002348	.0222817
#2	.6865064	-.002365	.0224912
#3	.6894772	-.001403	.0223916

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1176.633	2244.380	38656.09	9430.974	3319.966
Stddev	7.406	12.401	39.96	18.526	17.142
%RSD	.6293900	.5525244	.1033627	.1964369	.5163421

#1	1182.010	2232.754	38624.82	9416.093	3300.499
#2	1168.186	2242.953	38642.34	9451.723	3326.596
#3	1179.702	2257.432	38701.10	9425.105	3332.803

Sample Name: I6754-14 Acquired: 12/26/2017 12:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084561	.0009616	-.002405	-.000872	-.001120	.2748753
Stddev	.0036657	.0038987	.002908	.003741	.000937	.0026103
%RSD	43.35013	405.4126	120.9168	428.8761	83.64125	.9496174

#1	.0047887	-.003084	-.000573	.001687	-.000810	.2718624
#2	.0084594	.004695	-.000883	-.005166	-.000377	.2763086
#3	.0121202	.001274	-.005758	.000862	-.002173	.2764549

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100834	.0001299	-.000082	335.8696	.0011035	-.001004
Stddev	.0001965	.0000064	.000094	.3355	.0001398	.000525
%RSD	1.948370	4.932894	114.7774	.0998811	12.67203	52.31630

#1	.0101654	.0001226	-.000100	335.8460	.0009996	-.000948
#2	.0102255	.0001346	-.000165	335.5466	.0012625	-.001556
#3	.0098592	.0001323	.000020	336.2163	.0010484	-.000509

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078002	.2893840	.0246272	F 1042.471	-.000900	.0001336
Stddev	.0017352	.0098403	.0004697	1.589	.000582	.0003144
%RSD	22.24481	3.400418	1.907232	.1524688	64.68936	235.3749

#1	.0085135	.2906289	.0251225	1042.331	-.000796	.0004036
#2	.0058221	.2985425	.0241882	1040.956	-.000377	.0002087
#3	.0090650	.2789805	.0245708	1044.126	-.001527	-.000212

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9269.060	.0050571	.0057496	F 376.6533	.1192471	3.479035
Stddev	20.368	.0010819	.0029907	.8136	.0028999	.015451
%RSD	.2197424	21.39422	52.01507	.2160067	2.431859	.4441049

#1	9287.041	.0058964	.0029790	375.7494	.1214303	3.481363
#2	9273.197	.0054389	.0089201	377.3272	.1203542	3.462552
#3	9246.941	.0038361	.0053497	376.8832	.1159567	3.493189

Sample Name: I6754-14 Acquired: 12/26/2017 12:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083339	897.5291	2.067765	-.008489	.0063644	.2176737
Stddev	.0000713	2.7361	.036775	.001922	.0015319	.0051206
%RSD	.8560599	.3048468	1.778484	22.64612	24.06948	2.352410

#1	.0082541	896.9334	2.086794	-.006354	.0080482	.2128447
#2	.0083562	895.1399	2.025375	-.010082	.0050532	.2171335
#3	.0083915	900.5139	2.091127	-.009030	.0059919	.2230430

Elem	Sr4077
Units	ppm
Avg	5.911218
Stddev	.024177
%RSD	.4089947

#1	5.919385
#2	5.884016
#3	5.930254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.3605	1713.831	27227.35	7882.946	1935.253
Stddev	8.8768	7.588	243.35	38.311	7.201
%RSD	.9697583	.4427330	.8937855	.4860011	.3721169

#1	925.1674	1720.169	27353.07	7910.629	1939.992
#2	907.8752	1715.901	26946.85	7898.988	1938.801
#3	913.0390	1705.423	27382.12	7839.221	1926.966

Sample Name: I6754-14DLX20 Acquired: 12/26/2017 12:56:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000897	.0010875	-.001675	-.003422	-.000902	.0254427
Stddev	.006725	.0002838	.002443	.001963	.001493	.0007324
%RSD	749.3384	26.10141	145.8777	57.35706	165.5027	2.878664

#1	-.007240	.0008252	-.002495	-.005678	-.001464	.0248751
#2	.006154	.0010484	.001073	-.002473	-.002032	.0251835
#3	-.001606	.0013888	-.003602	-.002113	.000790	.0262695

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001259	.0000763	.0000194	33.35160	-.000158	-.000802
Stddev	.000325	.0000506	.0000589	.20269	.000655	.000235
%RSD	25.78426	66.34153	303.3092	.6077378	413.6038	29.26837

#1	-.000939	.0000193	-.000035	33.14846	.000225	-.000986
#2	-.001251	.0001159	.000082	33.35251	-.000914	-.000882
#3	-.001588	.0000938	.000011	33.55384	.000214	-.000538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028068	.0314069	.0024584	101.8170	-.000740	.0004110
Stddev	.0009601	.0086080	.0006757	.7110	.000563	.0000716
%RSD	34.20406	27.40795	27.48585	.6983442	76.07197	17.41609

#1	.0020107	.0341521	.0024551	101.1842	-.000364	.0003769
#2	.0038730	.0217611	.0031358	101.6805	-.000470	.0004933
#3	.0025369	.0383074	.0017844	102.5864	-.001388	.0003629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 868.1521	.0000742	-.000894	35.60076	.0092429	.3509729
Stddev	.3527	.0038337	.004000	.00880	.0017178	.0014421
%RSD	.0406210	5164.435	447.3855	.0247243	18.58504	.4108883

#1	868.0087	-.003551	-.004829	35.59068	.0073288	.3524756
#2	867.8938	-.000314	-.001021	35.60465	.0097495	.3496002
#3	868.5539	.004087	.003168	35.60695	.0106504	.3508429

Sample Name: I6754-14DLX20 Acquired: 12/26/2017 12:56:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007944	75.19834	.1835677	-.000908	.0011168	.0310735
Stddev	.0001630	.12802	.0170494	.000177	.0002320	.0000376
%RSD	20.51942	.1702407	9.287818	19.51788	20.77651	.1210758

#1	.0007452	75.14194	.1694311	-.001088	.0013346	.0310512
#2	.0009763	75.10819	.2025020	-.000902	.0008727	.0310523
#3	.0006616	75.34487	.1787700	-.000733	.0011433	.0311169

Elem	Sr4077
Units	ppm
Avg	.6137856
Stddev	.0007665
%RSD	.1248785

#1	.6133455
#2	.6146707
#3	.6133407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1062.765	2033.203	33775.88	8876.637	2786.617
Stddev	10.027	6.650	115.48	47.469	9.420
%RSD	.9434832	.3270922	.3418943	.5347678	.3380375

#1	1051.704	2029.712	33643.07	8821.831	2776.973
#2	1071.260	2029.024	33831.96	8904.798	2787.083
#3	1065.329	2040.872	33852.61	8903.283	2795.795

Sample Name: I6755-14DLX20 Acquired: 12/26/2017 13:00:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000107	-.000915	-.004413	-.003869	-.001804	.0042286
Stddev	.003019	.001436	.001702	.003185	.000807	.0017503
%RSD	2832.798	156.8716	38.56158	82.31700	44.70248	41.39153

#1	-.003160	-.002573	-.006376	-.003715	-.001049	.0022124
#2	.002877	-.000043	-.003355	-.007129	-.001710	.0051155
#3	-.000037	-.000131	-.003509	-.000764	-.002654	.0053579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001016	.0000938	.0000231	33.45175	-.000132	-.000763
Stddev	.000121	.0000342	.0001049	.21396	.000224	.000032
%RSD	11.90495	36.46550	453.7545	.6396220	169.0634	4.133377

#1	-.001027	.0001126	.0000496	33.20716	-.000324	-.000799
#2	-.001131	.0000543	.0001123	33.54389	.000114	-.000738
#3	-.000890	.0001144	-.000092	33.60422	-.000187	-.000754

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041205	-.008185	.0012074	101.6779	-.000663	.0003424
Stddev	.0002072	.003559	.0001805	.3117	.000330	.0001825
%RSD	5.028677	43.49005	14.94993	.3065644	49.71361	53.31808

#1	.0040049	-.008849	.0012055	101.3277	-.000919	.0001386
#2	.0043597	-.011365	.0013889	101.9251	-.000779	.0004909
#3	.0039969	-.004340	.0010279	101.7808	-.000291	.0003975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 863.2116	.0004990	-.001938	34.94149	.0050849	.3557040
Stddev	.9430	.0027762	.002653	.10681	.0018311	.0004848
%RSD	.1092401	556.4012	136.8869	.3056888	36.00959	.1363073

#1	862.3645	-.002482	-.001043	34.84901	.0032065	.3557302
#2	863.0427	.003010	-.004922	35.05840	.0051836	.3561753
#3	864.2276	.000969	.000152	34.91706	.0068646	.3552066

Sample Name: I6755-14DLX20 Acquired: 12/26/2017 13:00:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008833	74.21772	.1152568	-.003845	.0003084	.0258855
Stddev	.0002871	.47351	.0004951	.000814	.0006784	.0008968
%RSD	32.50782	.6380001	.4295806	21.16356	219.9535	3.464573

#1	.0009544	73.68602	.1151249	-.004750	.0005380	.0249645
#2	.0005673	74.37323	.1158046	-.003175	.0008423	.0259358
#3	.0011281	74.59392	.1148410	-.003610	-.000455	.0267560

Elem	Sr4077
Units	ppm
Avg	.6082698
Stddev	.0005485
%RSD	.0901825

#1	.6084098
#2	.6087347
#3	.6076648

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1079.499	2077.864	34054.15	8856.433	2820.895
Stddev	4.039	8.823	35.55	23.437	12.357
%RSD	.3741300	.4245991	.1043978	.2646320	.4380689

#1	1075.089	2069.940	34071.72	8860.304	2807.262
#2	1083.017	2076.280	34013.23	8831.301	2824.063
#3	1080.392	2087.371	34077.49	8877.693	2831.360

Sample Name: I6800-10A Acquired: 12/26/2017 13:05:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC02B3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1557168	-.031473	.2777108	.0084853	.0082852	75.68939	.8918120
Stddev	.0058873	.001446	.0020502	.0013591	.0026826	.19622	.0020699
%RSD	3.780791	4.594076	.7382602	16.01712	32.37889	.2592386	.2321049

#1	.1554728	-.032481	.2800763	.0098113	.0113645	75.59084	.8912052
#2	.1617223	-.029816	.2766112	.0070953	.0070369	75.56199	.8901132
#3	.1499552	-.032122	.2764450	.0085492	.0064541	75.91535	.8941175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124144	.0231887	136.5704	3.446070	.2368009	.2824675	285.1849
Stddev	.0002223	.0000548	1.0416	.014576	.0008648	.0017386	1.7430
%RSD	1.790682	.2365155	.7627057	.4229692	.3651977	.6155193	.6111938

#1	.0123903	.0231344	135.4086	3.441522	.2360055	.2817276	283.3836
#2	.0122052	.0232441	136.8816	3.462377	.2377215	.2812211	285.3080
#3	.0126478	.0231876	137.4209	3.434310	.2366758	.2844537	286.8631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.303669	83.89024	.8131084	-.010272	5.861512	.3477267	1.884586
Stddev	.051461	.60113	.0016154	.000249	.182576	.0021404	.017937
%RSD	.7045932	.7165719	.1986750	2.426267	3.114836	.6155407	.9517779

#1	7.251916	83.26424	.8113719	-.010349	6.046635	.3453545	1.874327
#2	7.304257	83.94350	.8133866	-.010474	5.856307	.3483121	1.874133
#3	7.354834	84.46296	.8145666	-.009994	5.681594	.3495134	1.905297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.68554	12.11272	.0912027	.0055120	7.235929	7.203628	.0170342
Stddev	.12141	.03744	.0042697	.0002227	.026852	.005322	.0007974
%RSD	.6865108	.3091005	4.681520	4.040821	.3710870	.0738841	4.681327

#1	17.79947	12.11000	.0880974	.0057539	7.214426	7.201251	.0172828
#2	17.55782	12.15145	.0894390	.0054667	7.266026	7.209724	.0176778
#3	17.69933	12.07672	.0960717	.0053154	7.227336	7.199908	.0161421

Sample Name: I6800-10A Acquired: 12/26/2017 13:05:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC02B3A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.546232	.1573701	.9590923
Stddev	.008423	.0002365	.0023711
%RSD	.5447270	.1502569	.2472240

#1	1.538955	.1575667	.9598450
#2	1.544282	.1571077	.9564362
#3	1.555458	.1574360	.9609957

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.965	2408.550	42601.42	10773.75	3090.686
Stddev	2.569	10.260	114.49	28.28	9.125
%RSD	.2048500	.4259799	.2687528	.2624575	.2952519

#1	1251.987	2398.906	42545.53	10797.45	3081.180
#2	1256.868	2419.331	42525.61	10781.35	3099.375
#3	1253.040	2407.414	42733.13	10742.45	3091.503

Sample Name: I6754-14DL2X20 Acquired: 12/26/2017 13:11:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017766	-.000268	-.002883	-.001218	-.002016	.0226870	-.001869
Stddev	.0021598	.000328	.000950	.004133	.000683	.0037418	.000145
%RSD	121.5718	122.0539	32.96742	339.4611	33.86413	16.49299	7.773587

#1	.0029413	-.000581	-.002850	-.004920	-.001228	.0257287	-.002013
#2	-.000716	.000072	-.003850	.003241	-.002405	.0238236	-.001722
#3	.003104	-.000297	-.001950	-.001973	-.002416	.0185088	-.001871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000360	.0000386	16.89965	-.000417	-.000327	.0040584	.0195074
Stddev	.0000094	.0000828	.21247	.001041	.000163	.0009379	.0072138
%RSD	26.00442	214.8091	1.257234	249.4808	49.82849	23.10929	36.97976

#1	.0000353	-.000003	16.65449	-.000980	-.000160	.0043484	.0243488
#2	.0000456	-.000015	17.01425	.000784	-.000485	.0048171	.0112165
#3	.0000270	.000134	17.03022	-.001055	-.000337	.0030098	.0229569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014669	50.59539	-.000503	.0001280	434.3602	-.002708	.0186835
Stddev	.0002495	.52304	.000814	.0001181	1.7878	.001239	.0022149
%RSD	17.00782	1.033775	161.9096	92.27013	.4115925	45.74450	11.85513

#1	.0012929	49.99238	-.001361	.0001831	432.3061	-.001539	.0189188
#2	.0013550	50.86765	-.000406	-.000008	435.5651	-.004006	.0163602
#3	.0017527	50.92614	.000258	.000209	435.2095	-.002579	.0207713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.91505	.0069243	.1762396	.0003606	35.72687	.0865516	.0000573
Stddev	.05327	.0028217	.0004000	.0001504	.26014	.0021804	.0006952
%RSD	.3149208	40.75148	.2269427	41.71062	.7281436	2.519233	1214.360

#1	16.87440	.0039560	.1757779	.0004369	35.55666	.0884593	-.000697
#2	16.89540	.0072446	.1764804	.0001874	35.59763	.0841748	.000672
#3	16.97536	.0095722	.1764604	.0004576	36.02632	.0870207	.000198

Sample Name: I6754-14DL2X20 Acquired: 12/26/2017 13:11:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013801	.0067816	.3089350
Stddev	.0008047	.0006595	.0003585
%RSD	58.30846	9.724836	.1160270

#1	.0014182	.0060606	.3091244
#2	.0005570	.0073544	.3091591
#3	.0021650	.0069297	.3085216

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1112.668	2132.445	35400.98	9006.631	3010.453
Stddev	10.168	12.667	212.80	30.777	10.737
%RSD	.9138465	.5940148	.6011132	.3417152	.3566644

#1	1101.985	2119.304	35207.31	9035.657	2999.096
#2	1113.791	2133.452	35366.85	8974.360	3011.823
#3	1122.228	2144.578	35628.79	9009.874	3020.439

Sample Name: I6755-14DL2X20 Acquired: 12/26/2017 13:15:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031391	-.002200	-.002480	-.001537	-.000739	.0053527	-.001517
Stddev	.0038726	.001929	.002489	.002511	.001630	.0058783	.000278
%RSD	123.3654	87.68341	100.3641	163.3981	220.5756	109.8195	18.28839

#1	.0064197	-.004328	-.005273	-.001355	-.001861	.0050786	-.001832
#2	.0041304	-.001705	-.001671	.000878	.001130	-.000384	-.001412
#3	-.001133	-.000567	-.000496	-.004134	-.001485	.011363	-.001308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000608	-.000050	17.01194	.0000232	-.000510	.0031997	-.003947
Stddev	.0000364	.000090	.15013	.0004190	.000145	.0013338	.004868
%RSD	59.80244	182.3825	.8824807	1804.451	28.35177	41.68522	123.3474

#1	.0000823	.000044	16.92338	-.000222	-.000525	.0020876	.001388
#2	.0000813	-.000056	16.92716	-.000216	-.000358	.0046786	-.005081
#3	.0000188	-.000137	17.18528	.000507	-.000646	.0028331	-.008148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005175	50.90131	-.001053	.0002831	435.3989	-.001839	-.000998
Stddev	.0000642	.34703	.000141	.0003747	1.6467	.000352	.003173
%RSD	12.41278	.6817758	13.40858	132.3403	.3781956	19.13631	318.0686

#1	.0005075	50.65179	-.001215	.0006778	433.9316	-.001758	-.004151
#2	.0005862	50.75453	-.000958	-.000068	435.0854	-.002224	-.001037
#3	.0004589	51.29762	-.000986	.000239	437.1798	-.001535	.002195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.84594	.0027745	.1764427	.0005255	35.79428	.0567539	-.001353
Stddev	.02130	.0019924	.0002043	.0000785	.08991	.0005887	.000526
%RSD	.1264241	71.81122	.1157965	14.94556	.2511907	1.037230	38.88755

#1	16.87053	.0025673	.1766657	.0005076	35.69860	.0570396	-.001814
#2	16.83347	.0008938	.1763980	.0004575	35.87702	.0571452	-.000780
#3	16.83382	.0048624	.1762645	.0006115	35.80722	.0560769	-.001464

Sample Name: I6755-14DL2X20 Acquired: 12/26/2017 13:15:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA4ZC3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008416	.0075666	.3084357
Stddev	.0003923	.0001203	.0004013
%RSD	46.61615	1.589244	.1300954

#1	.0009177	.0074447	.3087046
#2	.0011904	.0076851	.3086281
#3	.0004168	.0075701	.3079745

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1115.556	2136.088	35431.85	9030.086	3016.679
Stddev	3.684	6.396	37.28	19.524	7.422
%RSD	.3302154	.2994325	.1052079	.2162153	.2460408

#1	1111.378	2128.775	35389.03	9007.694	3008.210
#2	1118.336	2138.855	35457.06	9039.013	3022.055
#3	1116.953	2140.636	35449.47	9043.552	3019.771

Sample Name: CCV060 Acquired: 12/26/2017 13:19:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.309454	4.805782	23.90741	5.346061	5.322702	397.8761	10.54999
Stddev	.024050	.010456	.08408	.026853	.015205	.2403	.05808
%RSD	.4529652	.2175796	.3516744	.5022981	.2856711	.0604033	.5505545

#1	5.329065	4.797840	23.81383	5.368161	5.339399	398.0679	10.50027
#2	5.316676	4.817629	23.93181	5.353846	5.309650	397.6065	10.61383
#3	5.282620	4.801877	23.97659	5.316175	5.319058	397.9538	10.53587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4887781	2.423973	388.4321	14.76272	2.452158	15.06688	390.6449
Stddev	.0017185	.010523	2.2528	.03452	.007822	.01120	1.4085
%RSD	.3515996	.4341294	.5799843	.2338220	.3189638	.0743526	.3605559

#1	.4882688	2.412618	385.9195	14.74426	2.444021	15.07968	389.0247
#2	.4873717	2.425903	389.1050	14.74136	2.452831	15.06205	391.3317
#3	.4906937	2.433397	390.2718	14.80255	2.459621	15.05889	391.5782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94204	396.0361	2.470196	1.323127	394.3104	2.454590	13.94363
Stddev	.08184	2.3208	.008880	.001337	1.0933	.002687	.05943
%RSD	.5477161	.5860195	.3594669	.1010534	.2772645	.1094789	.4262362

#1	14.84773	393.4328	2.461584	1.323374	394.1067	2.457328	13.95544
#2	14.98402	396.7865	2.469683	1.324323	393.3334	2.454485	13.99626
#3	14.99437	397.8888	2.479321	1.321684	395.4913	2.451956	13.87917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.6186	5.139787	4.785942	5.219418	5.151061	4.773997	4.983530
Stddev	.2791	.029229	.015963	.001451	.032396	.020890	.018051
%RSD	.1770894	.5686796	.3335483	.0278068	.6289117	.4375842	.3622214

#1	157.3691	5.156857	4.768209	5.219633	5.121863	4.755408	4.963355
#2	157.5667	5.156467	4.790450	5.220750	5.185911	4.769978	4.998153
#3	157.9201	5.106037	4.799166	5.217871	5.145409	4.796605	4.989083

Sample Name: CCV060 Acquired: 12/26/2017 13:19:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.876350	5.651168	4.983580
Stddev	.011621	.008937	.015146
%RSD	.2383172	.1581521	.3039144

#1	4.871725	5.661488	4.989808
#2	4.867753	5.646089	4.994619
#3	4.889571	5.645927	4.966313

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	983.8783	1877.890	33469.69	8786.601	2524.979
Stddev	10.1638	5.578	153.94	31.314	1.600
%RSD	1.033033	.2970148	.4599526	.3563843	.0633861

#1	977.3046	1872.987	33463.77	8814.659	2526.398
#2	978.7454	1876.725	33318.80	8752.820	2523.244
#3	995.5849	1883.958	33626.51	8792.324	2525.294

Sample Name: CCB060 Acquired: 12/26/2017 13:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002900	.0016601	-.001377	-.003373	-.002087	.0120494	-.001454
Stddev	.001688	.0010883	.000926	.000734	.001680	.0026437	.000298
%RSD	58.21645	65.55656	67.29383	21.75331	80.47856	21.94008	20.46129

#1	-.001419	.0004280	-.001361	-.002575	-.002425	.0111167	-.001750
#2	-.002542	.0024902	-.002311	-.004018	-.000264	.0150330	-.001456
#3	-.004738	.0020621	-.000458	-.003527	-.003572	.0099985	-.001155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000109	.0001121	.0022750	-.000332	.0001438	.0030932	.0097471
Stddev	.0000549	.0000370	.0051682	.000228	.0002509	.0007375	.0010126
%RSD	505.8894	32.97266	227.1717	68.73635	174.5117	23.84323	10.38890

#1	.0000356	.0000968	-.003692	-.000405	.0004282	.0032416	.0094036
#2	.0000491	.0001542	.005200	-.000516	.0000494	.0022928	.0108868
#3	-.000052	.0000852	.005317	-.000076	-.000046	.0037453	.0089509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	.0119023	.0000793	.0002180	-.119861	.0000432	-.001827
Stddev	.000336	.0073281	.0001480	.0001433	.097699	.0018809	.000538
%RSD	6808.048	61.56899	186.6930	65.72352	81.51016	4350.914	29.43718

#1	.000236	.0184209	.0001613	.0002480	-.008033	.0008509	-.001232
#2	.000137	.0039705	.0001680	.0003439	-.188655	.0013854	-.002277
#3	-.000388	.0133154	-.000092	.0000621	-.162895	-.002107	-.001973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.305745	-.000192	-.004325	.0000681	.0090219	-.003109	-.000787
Stddev	.030108	.000157	.000747	.0000735	.0023170	.000534	.001005
%RSD	9.847491	81.84656	17.27257	107.8685	25.68141	17.16483	127.7949

#1	-.282950	-.000365	-.003463	.0000102	.0103477	-.002842	-.000732
#2	-.339876	-.000151	-.004744	.0001508	.0063466	-.003723	-.001818
#3	-.294410	-.000059	-.004769	.0000434	.0103715	-.002761	.000190

Sample Name: CCB060 Acquired: 12/26/2017 13:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v389) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007052	-.003191	.0000401
Stddev	.0002354	.000406	.0000313
%RSD	33.38337	12.71058	77.83767

#1	.0007813	-.002753	.0000762
#2	.0008932	-.003553	.0000240
#3	.0004412	-.003268	.0000203

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.154	2396.396	41140.09	9355.533	3911.473
Stddev	16.176	3.937	125.79	75.676	7.713
%RSD	1.288789	.1642963	.3057529	.8088907	.1971851

#1	1249.264	2391.998	40999.50	9274.875	3902.572
#2	1242.748	2397.596	41178.79	9366.750	3916.182
#3	1273.450	2399.593	41241.98	9424.975	3915.666