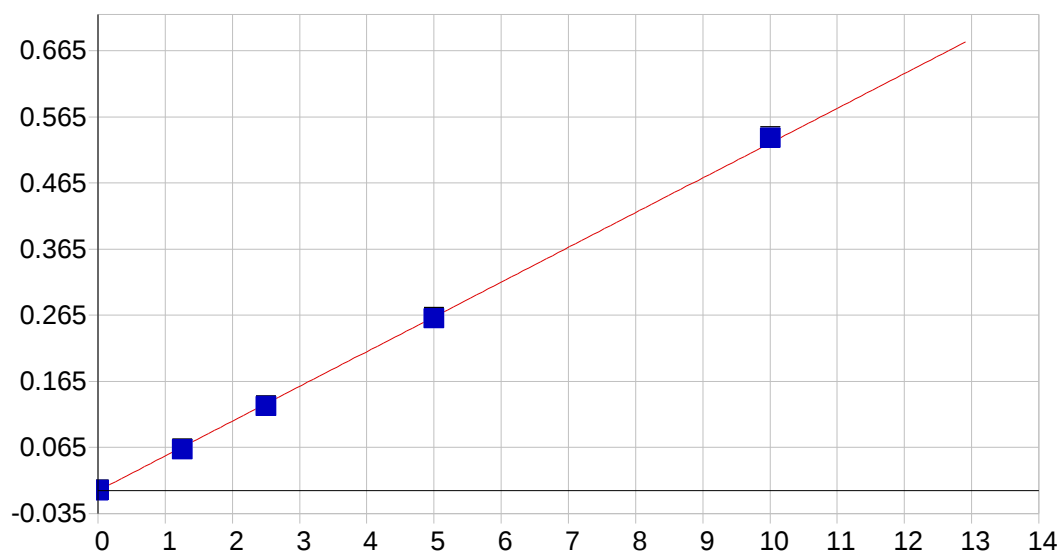




As 189.042 {479}

Date of Fit: 5/17/2017 11:49:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000231

Re-Slope: 1.000000

A1 (Gain): 0.052567

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999802

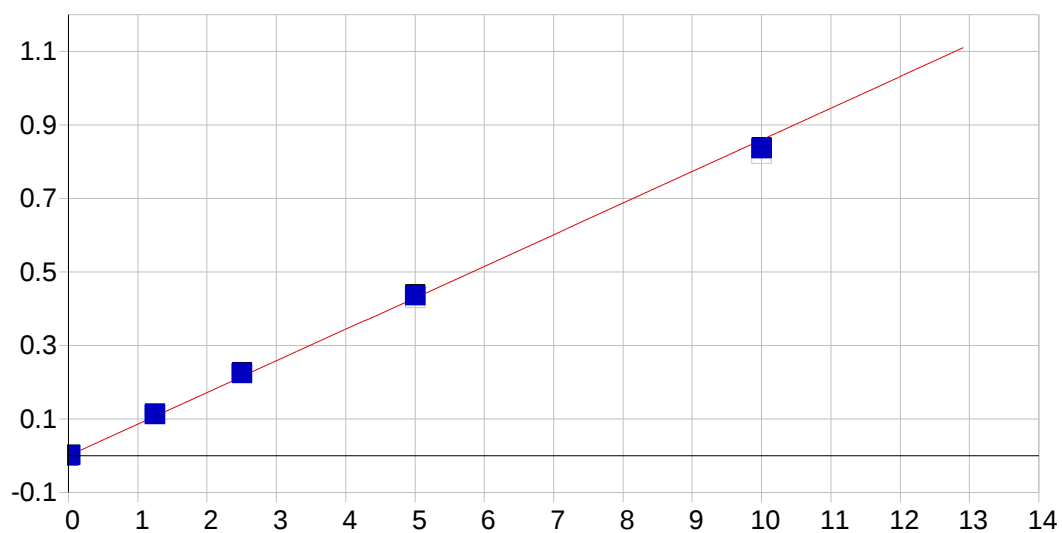
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.002663

Predicted MQL: 0.008876

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01000	.01251	.003	25.1	.00043	.000	1
S2	1.2500	1.1926	-.057	-4.59	.06244	.000	1
S3	2.5000	2.4388	-.061	-2.45	.12793	.000	1
S4	5.0000	4.9614	-.039	-.771	.26050	.002	1
S5	10.000	10.155	.155	1.55	.53341	.001	1

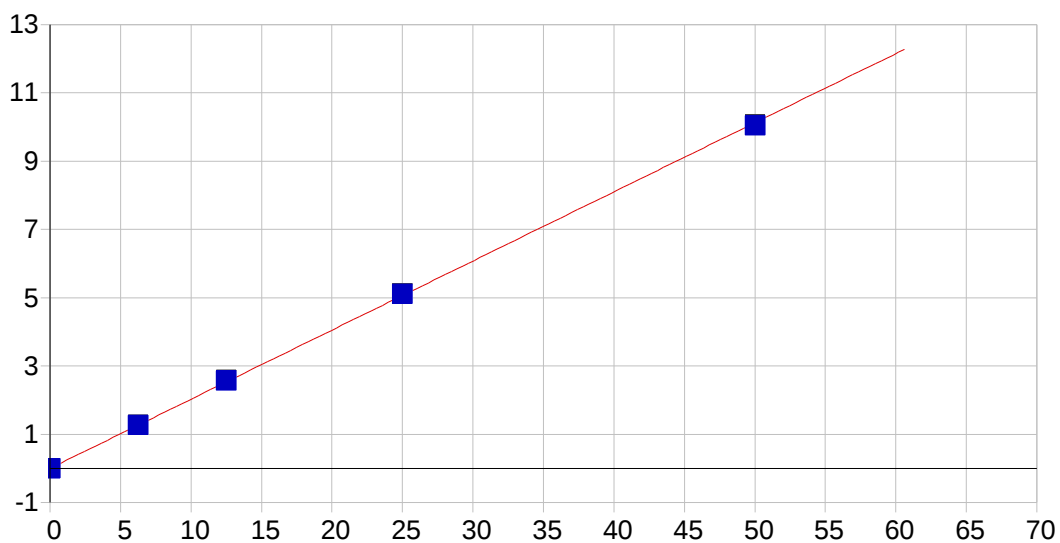


TI 190.856 {477}

Date of Fit: 5/17/2017 11:49:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.086005 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999464 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001379
 Predicted MQL: 0.004595

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00030	.000	1
S1	.02500	.02873	.004	14.9	.00199	.000	1
S2	1.2500	1.3178	.068	5.42	.11108	.000	1
S3	2.5000	2.6262	.126	5.05	.22165	.001	1
S4	5.0000	5.0783	.078	1.57	.42864	.002	1
S5	10.000	9.7243	-.276	-2.76	.82041	.003	1

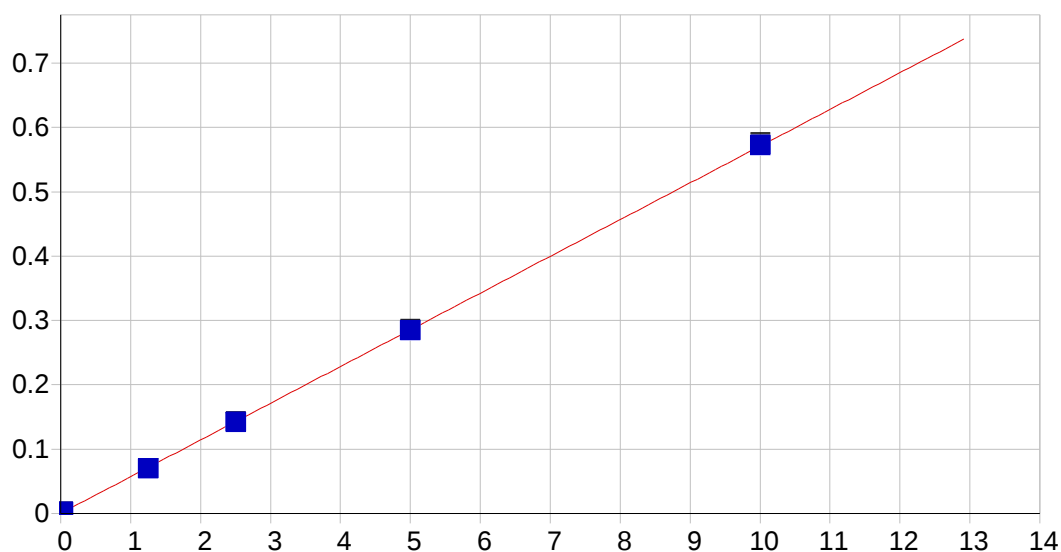


Pb 220.353 {453}

Date of Fit: 5/17/2017 11:49:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000235 Re-Slope: 1.000000
 A1 (Gain): 0.202536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001231
 Predicted MQL: 0.004105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.01000	.01081	.001	8.13	.00242	.000	1
S2	6.2500	6.2257	-.024	-.389	1.2615	.003	1
S3	12.500	12.682	.182	1.46	2.5696	.008	1
S4	25.000	25.228	.228	.913	5.1114	.019	1
S5	50.000	49.613	-.387	-.774	10.052	.022	1

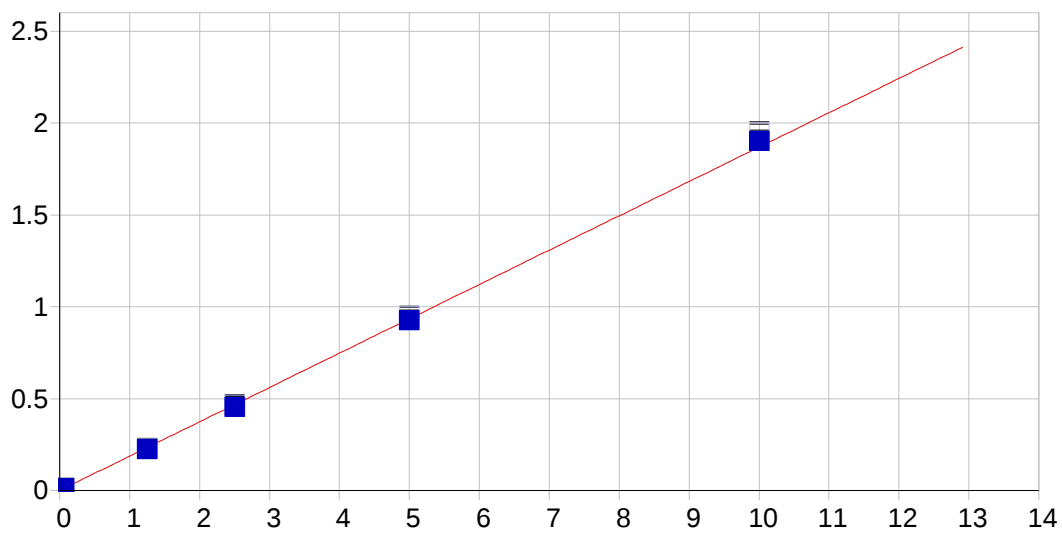


Se 196.090 {472}

Date of Fit: 5/17/2017 11:49:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.057078 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002754
 Predicted MQL: 0.009181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.03500	.03551	.001	1.46	.00215	.000	1
S2	1.2500	1.2277	-.022	-1.78	.06993	.000	1
S3	2.5000	2.4855	-.015	-.581	.14146	.001	1
S4	5.0000	4.9938	-.006	-.123	.28410	.001	1
S5	10.000	10.042	.042	.424	.57121	.003	1

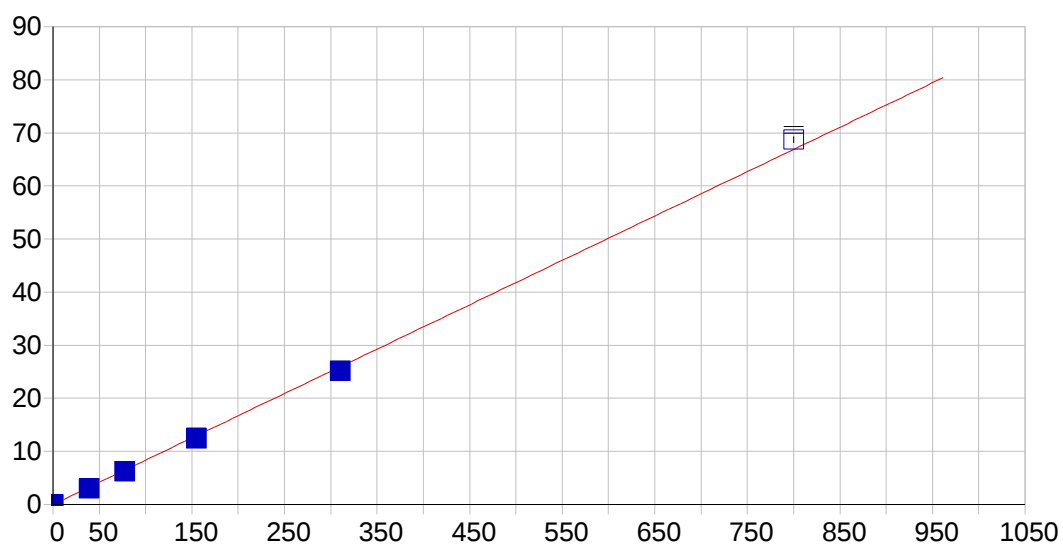


Sb 206.833 {463}

Date of Fit: 5/17/2017 11:49:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.186831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999789 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.001160
 Predicted MQL: 0.003865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.06000	.06018	.000	.293	.01135	.000	1
S2	1.2500	1.1901	-.060	-4.79	.22807	.000	1
S3	2.5000	2.4322	-.068	-2.71	.46575	.002	1
S4	5.0000	4.9510	-.049	-.980	.94756	.003	1
S5	10.000	10.177	.177	1.77	1.9463	.007	1

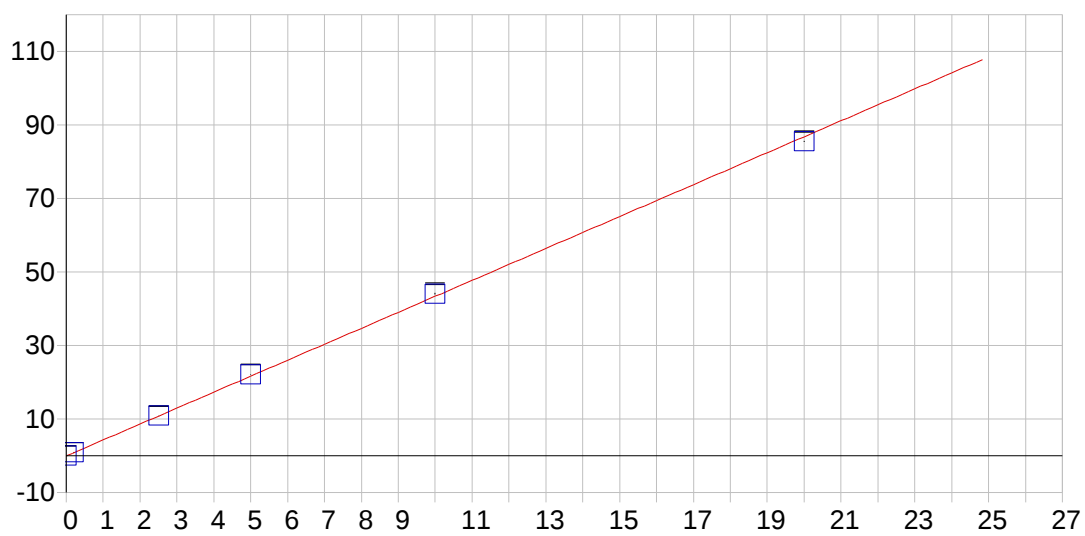


AI 396.152 { 85}

Date of Fit: 5/17/2017 11:53:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000584 Re-Slope: 1.000000
 A1 (Gain): 0.083602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999458 Status: OK.
 Std Error of Est: 0.001712
 Predicted MDL: 0.008462
 Predicted MQL: 0.028208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00059	.000	1
S1	.20000	.19049	-.010	-4.75	.01654	.000	1
S2	38.750	36.040	-2.71	-6.99	3.0174	.006	1
S3	77.500	73.909	-3.59	-4.63	6.1872	.003	1
S4	155.00	148.63	-6.37	-4.11	12.442	.028	1
S5	310.00	300.73	-9.27	-2.99	25.173	.058	1
S6	800.00	821.98	22.0	2.75	68.719	.656	1

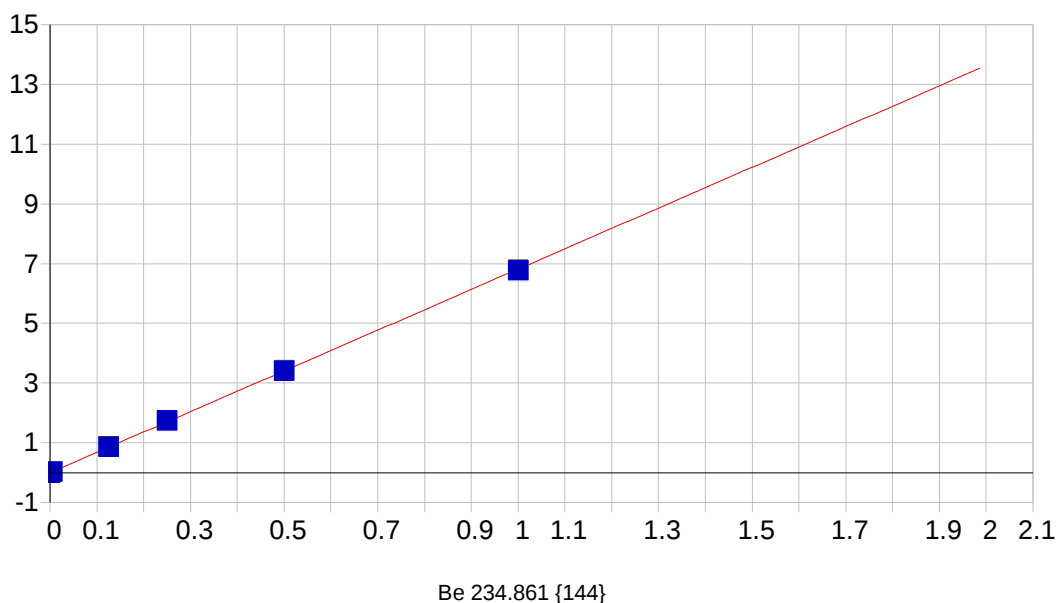


Ba 493.409 { 68}

Date of Fit: 5/17/2017 11:49:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.059961 Re-Slope: 1.000000
 A1 (Gain): 4.342324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.007445
 Predicted MDL: 0.000637
 Predicted MQL: 0.002124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.06001	.001	1
S1	.20000	.20629	.006	3.14	.83581	.005	1
S2	2.5000	2.5098	.010	.394	10.839	.027	1
S3	5.0000	5.1081	.108	2.16	22.121	.054	1
S4	10.000	10.170	.170	1.70	44.102	.175	1
S5	20.000	19.706	-.294	-1.47	85.508	.206	1



Date of Fit: 5/17/2017 11:49:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002747

Re-Slope: 1.000000

A1 (Gain): 6.817606

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999944

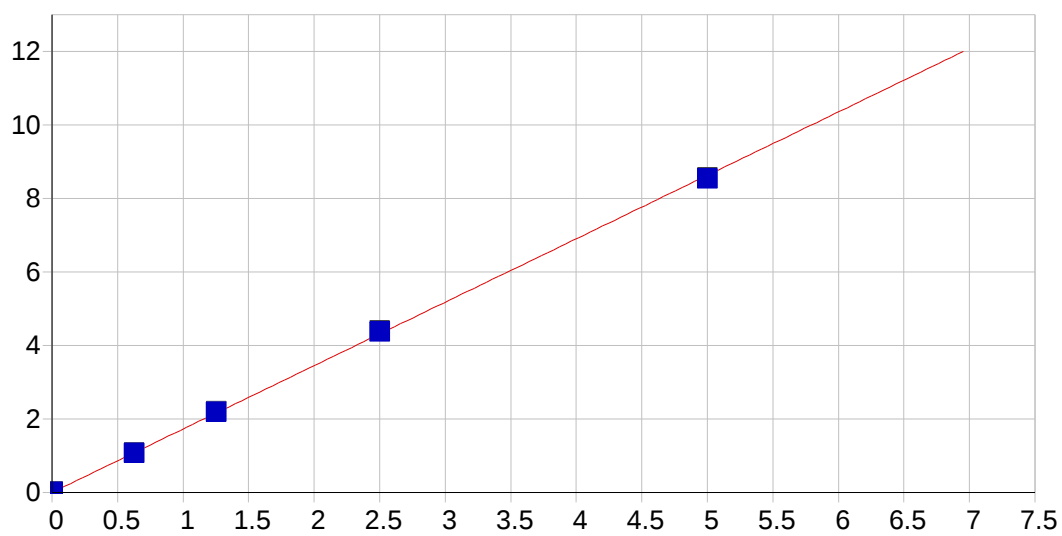
Status: OK.

Std Error of Est: 0.000271

Predicted MDL: 0.000074

Predicted MQL: 0.000245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00275	.000	1
S1	.00500	.00547	.000	9.39	.03452	.000	1
S2	.12500	.12662	.002	1.29	.85761	.008	1
S3	.25000	.25460	.005	1.84	1.7273	.011	1
S4	.50000	.50099	.001	.198	3.4014	.005	1
S5	1.0000	.99233	-.008	-.767	6.7396	.022	1



Cd 214.438 {457}

Date of Fit: 5/17/2017 11:49:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000235

Re-Slope: 1.000000

A1 (Gain): 1.725683

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999921

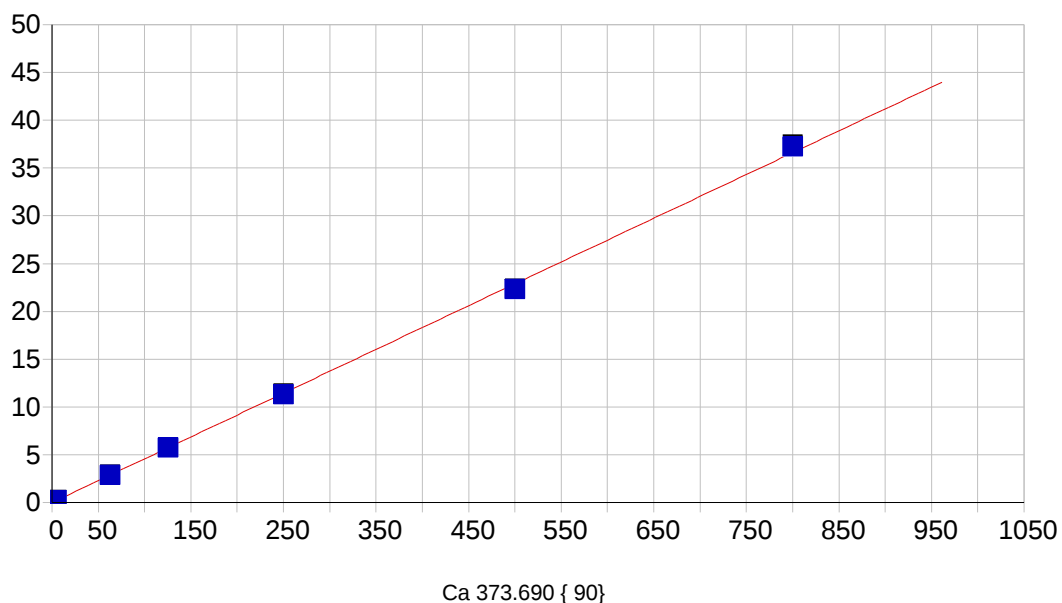
Status: OK.

Std Error of Est: 0.000182

Predicted MDL: 0.000089

Predicted MQL: 0.000297

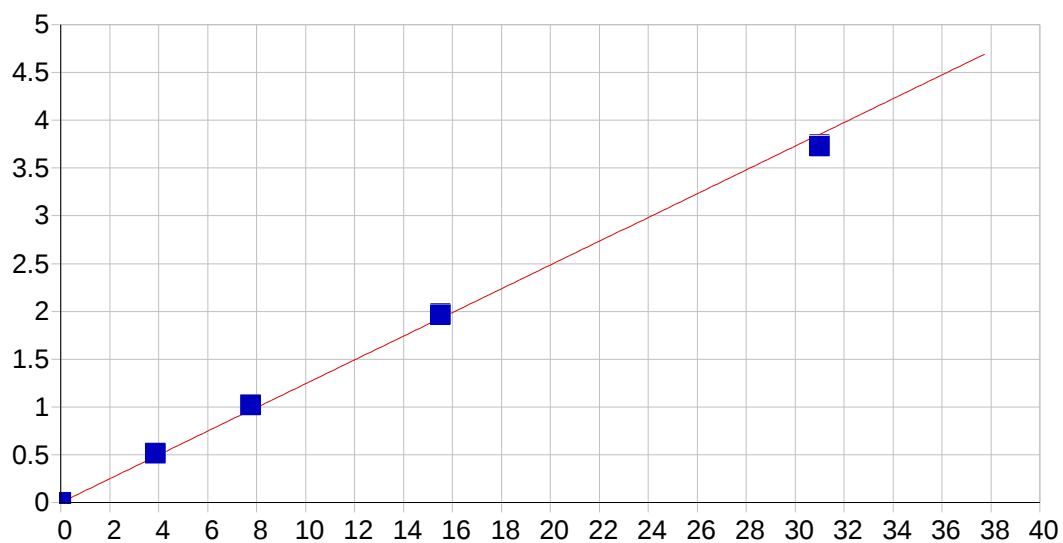
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.00500	.00510	.000	1.96	.00904	.000	1
S2	.62500	.62087	-.004	-.660	1.0736	.003	1
S3	1.2500	1.2715	.021	1.72	2.1982	.009	1
S4	2.5000	2.5359	.036	1.44	4.3840	.016	1
S5	5.0000	4.9466	-.053	-1.07	8.5516	.009	1



Date of Fit: 5/17/2017 11:53:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001746 Re-Slope: 1.000000
 A1 (Gain): 0.045759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.002949
 Predicted MDL: 0.013751
 Predicted MQL: 0.045835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	.000	.000	.00174	.001	1
S1	5.0000	5.1761	.176	3.52	.23859	.002	1
S2	62.500	62.657	.157	.251	2.8654	.017	1
S3	125.00	125.52	.521	.417	5.7385	.017	1
S4	250.00	247.38	-2.62	-1.05	11.308	.044	1
S5	500.00	487.61	-12.4	-2.48	22.286	.031	1
S6	800.00	814.16	14.2	1.77	37.183	.168	1

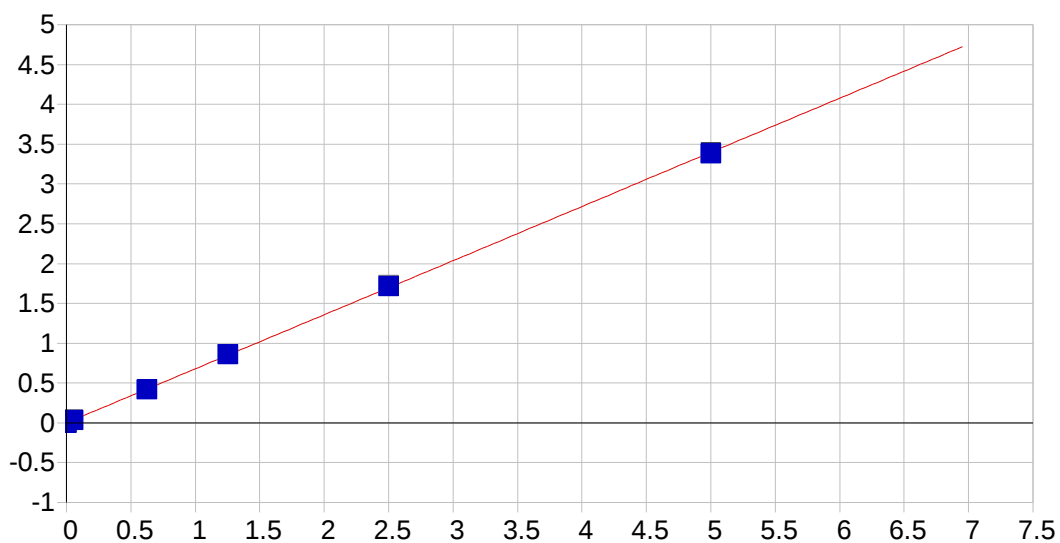


Cr 267.716 {126}

Date of Fit: 5/17/2017 11:49:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.124255 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999324 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.000445
 Predicted MQL: 0.001482

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01125	.001	12.5	.00147	.000	1
S2	3.8750	4.1274	.252	6.51	.51416	.000	1
S3	7.7500	8.1804	.430	5.55	1.0190	.003	1
S4	15.500	15.814	.314	2.03	1.9701	.006	1
S5	31.000	30.001	-.999	-3.22	3.7379	.003	1



Co 228.616 {448}

Date of Fit: 5/17/2017 11:49:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000257

Re-Slope: 1.000000

A1 (Gain): 0.679364

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999954

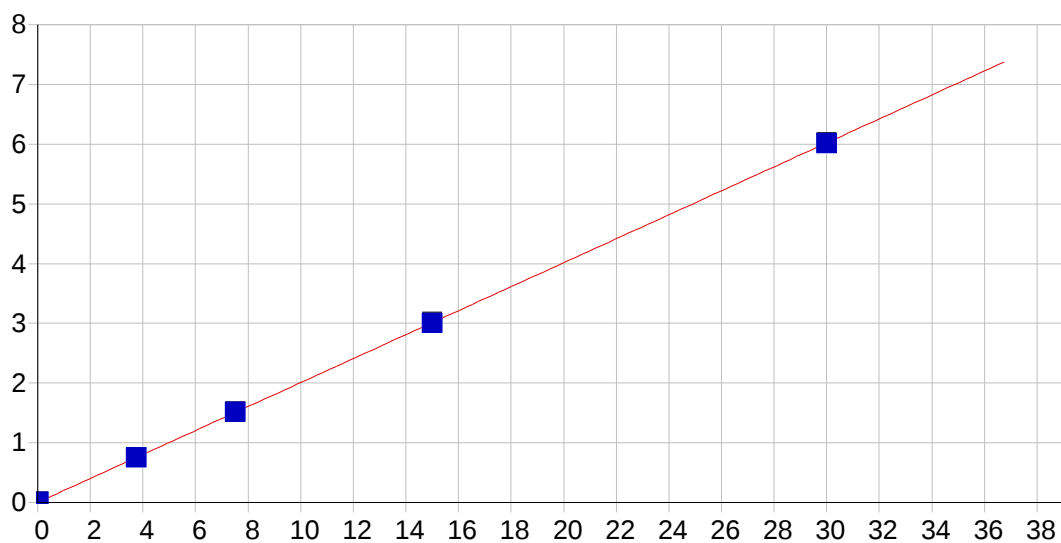
Status: OK.

Std Error of Est: 0.000173

Predicted MDL: 0.000232

Predicted MQL: 0.000774

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.05000	.04783	-.002	-4.34	.03236	.000	1
S2	.62500	.61405	-.011	-1.75	.41779	.002	1
S3	1.2500	1.2623	.012	.987	.85910	.003	1
S4	2.5000	2.5278	.028	1.11	1.7206	.004	1
S5	5.0000	4.9730	-.027	-.539	3.3853	.009	1

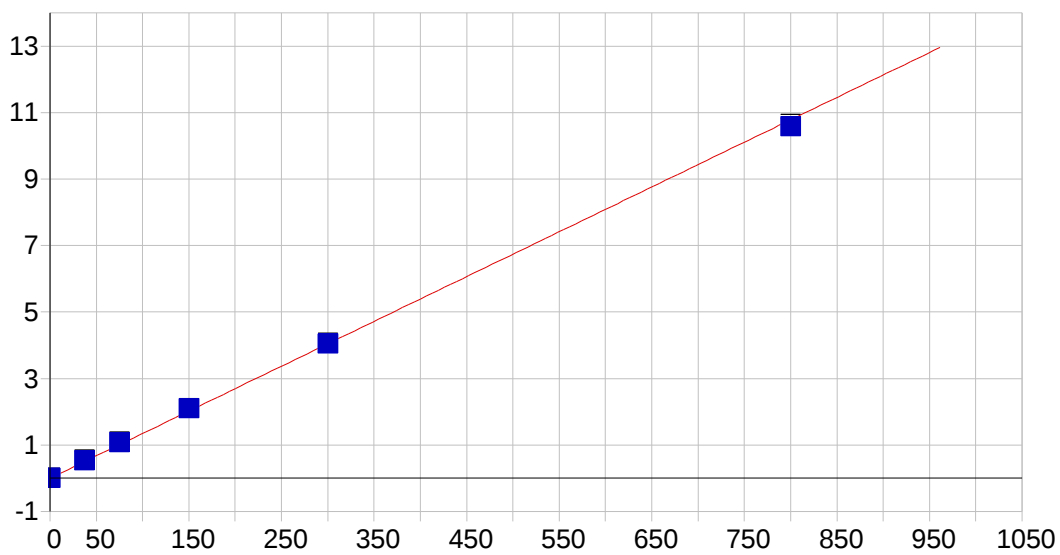


Cu 324.754 {104}

Date of Fit: 5/17/2017 11:49:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000820 Re-Slope: 1.000000
 A1 (Gain): 0.200681 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002164
 Predicted MQL: 0.007214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.02500	.02591	.001	3.62	.00599	.000	1
S2	3.7500	3.7361	-.014	-.371	.74844	.002	1
S3	7.5000	7.5475	.048	.634	1.5112	.007	1
S4	15.000	14.982	-.018	-.118	2.9989	.010	1
S5	30.000	29.983	-.017	-.056	6.0007	.010	1

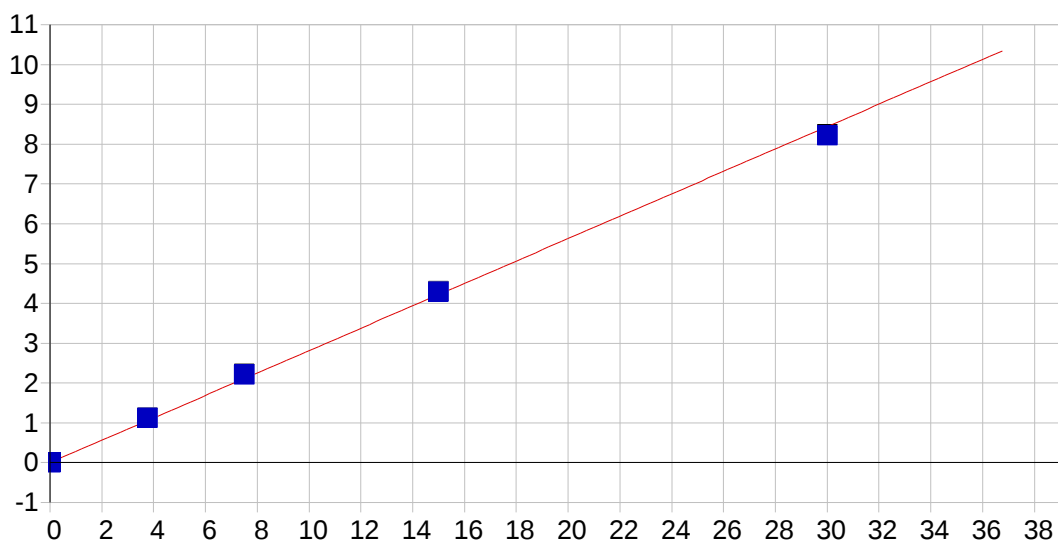


Fe 259.837 {130}

Date of Fit: 5/17/2017 11:53:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.013479 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999596 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.016131
 Predicted MQL: 0.053768

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00014	.000	1
S1	.10000	.10322	.003	3.22	.00154	.000	1
S2	37.500	40.146	2.65	7.06	.54185	.002	1
S3	75.000	80.507	5.51	7.34	1.0865	.002	1
S4	150.00	156.08	6.08	4.05	2.1063	.003	1
S5	300.00	300.35	.355	.118	4.0533	.019	1
S6	800.00	785.40	-14.6	-1.82	10.592	.057	1

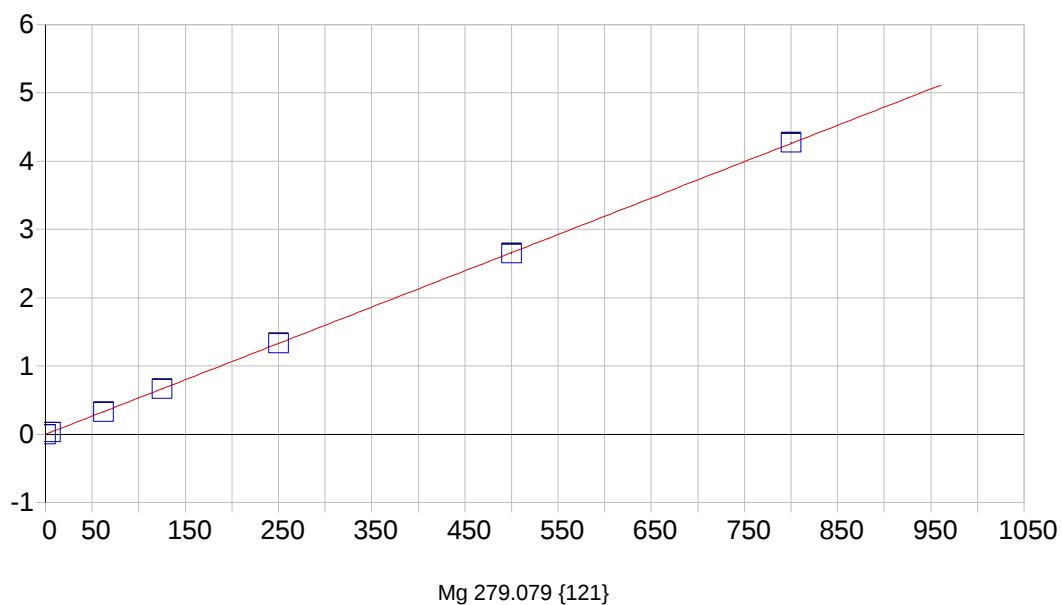


Mn 257.610 {131}

Date of Fit: 5/17/2017 11:49:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.281417 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999499 Status: OK.
 Std Error of Est: 0.000317
 Predicted MDL: 0.000863
 Predicted MQL: 0.002876

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01500	.01727	.002	15.2	.00474	.000	1
S2	3.7500	3.9639	.214	5.70	1.1156	.005	1
S3	7.5000	7.8730	.373	4.97	2.2159	.002	1
S4	15.000	15.223	.223	1.49	4.2848	.020	1
S5	30.000	29.188	-.812	-2.71	8.2157	.028	1



Date of Fit: 5/17/2017 11:53:32

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000396

Re-Slope: 1.000000

A1 (Gain): 0.005324

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999989

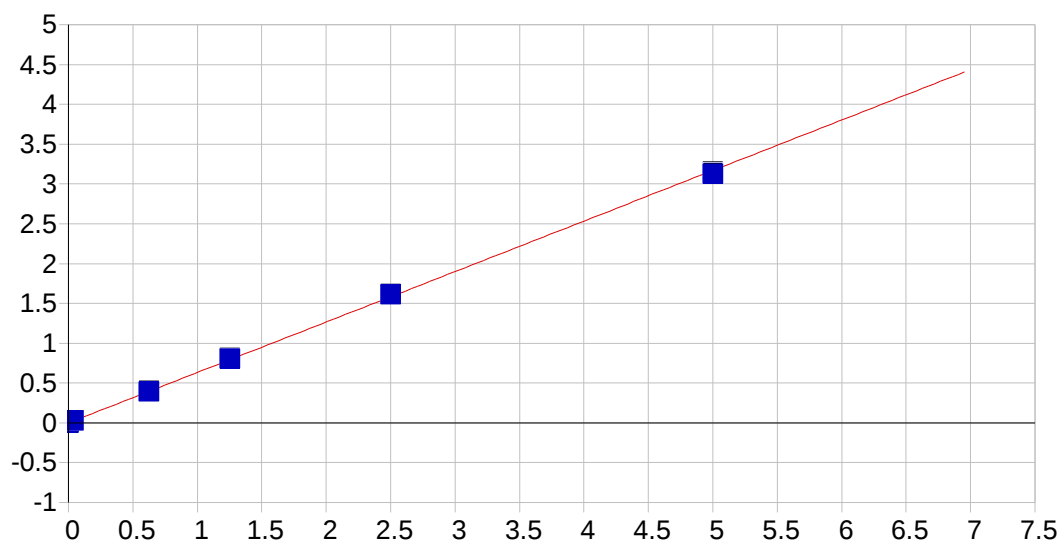
Status: OK.

Std Error of Est: 0.000087

Predicted MDL: 0.046049

Predicted MQL: 0.153498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00040	.000	1
S1	5.0000	5.0637	.064	1.27	.02656	.000	1
S2	62.500	61.546	-.954	-1.53	.32728	.001	1
S3	125.00	125.09	.089	.071	.66559	.001	1
S4	250.00	250.53	.530	.212	1.3335	.005	1
S5	500.00	497.53	-2.47	-.495	2.6485	.005	1
S6	800.00	802.74	2.74	.343	4.2735	.010	1

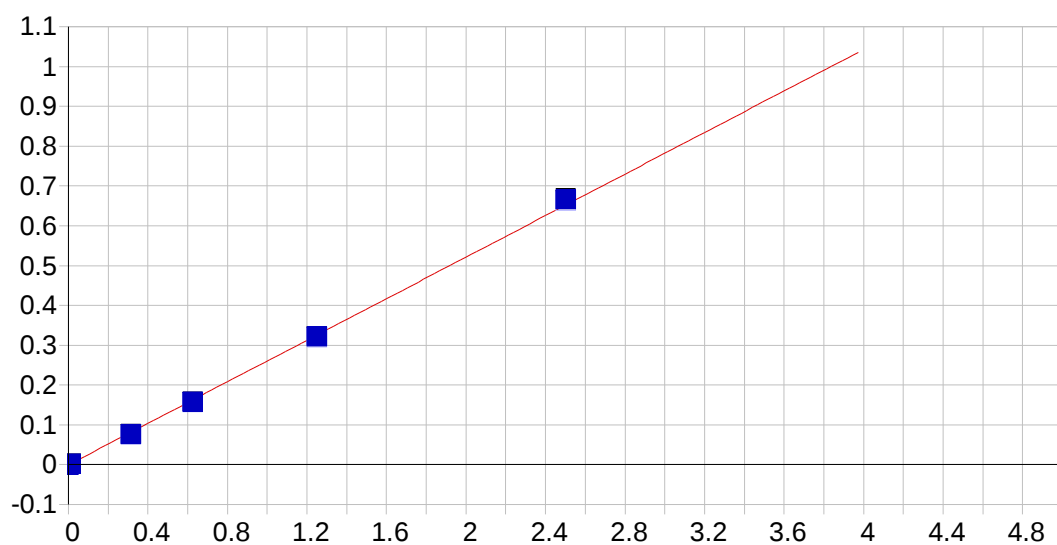


Ni 231.604 {446}

Date of Fit: 5/17/2017 11:49:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000782 Re-Slope: 1.000000
 A1 (Gain): 0.633761 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000211
 Predicted MDL: 0.000326
 Predicted MQL: 0.001088

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00078	.000	1
S1	.04000	.04011	.000	.265	.02467	.000	1
S2	.62500	.62395	-.001	-.169	.39674	.001	1
S3	1.2500	1.2749	.025	1.99	.81136	.002	1
S4	2.5000	2.5382	.038	1.53	1.6162	.004	1
S5	5.0000	4.9378	-.062	-1.24	3.1453	.005	1

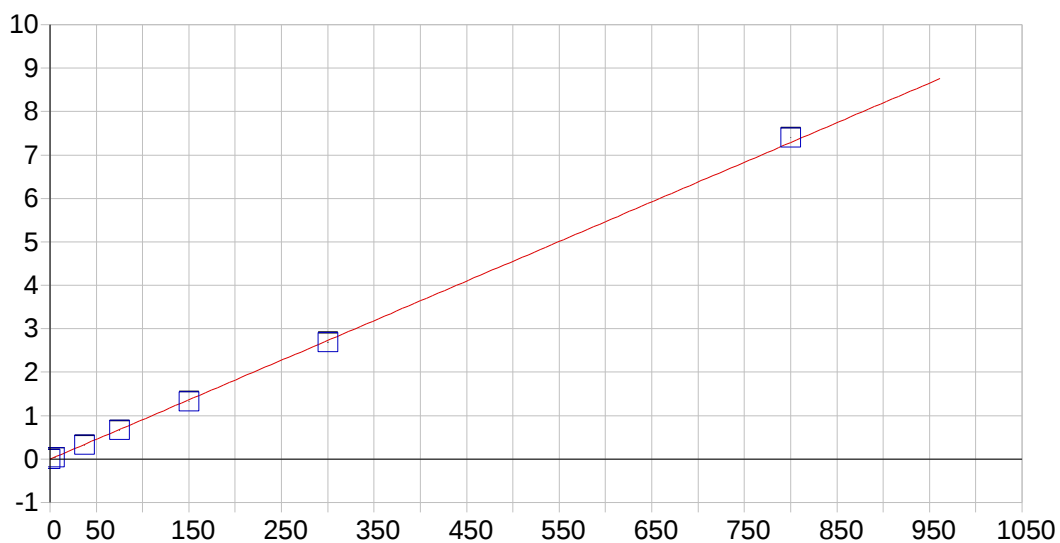


Ag 328.068 {103}

Date of Fit: 5/17/2017 11:49:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000451 Re-Slope: 1.000000
 A1 (Gain): 0.260829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999626 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.000340
 Predicted MQL: 0.001133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.01000	.00997	.000	-.339	.00214	.000	1
S2	.31250	.29270	-.020	-6.34	.07534	.000	1
S3	.62500	.60416	-.021	-3.33	.15602	.000	1
S4	1.2500	1.2336	-.016	-1.31	.31909	.000	1
S5	2.5000	2.5571	.057	2.28	.66205	.002	1

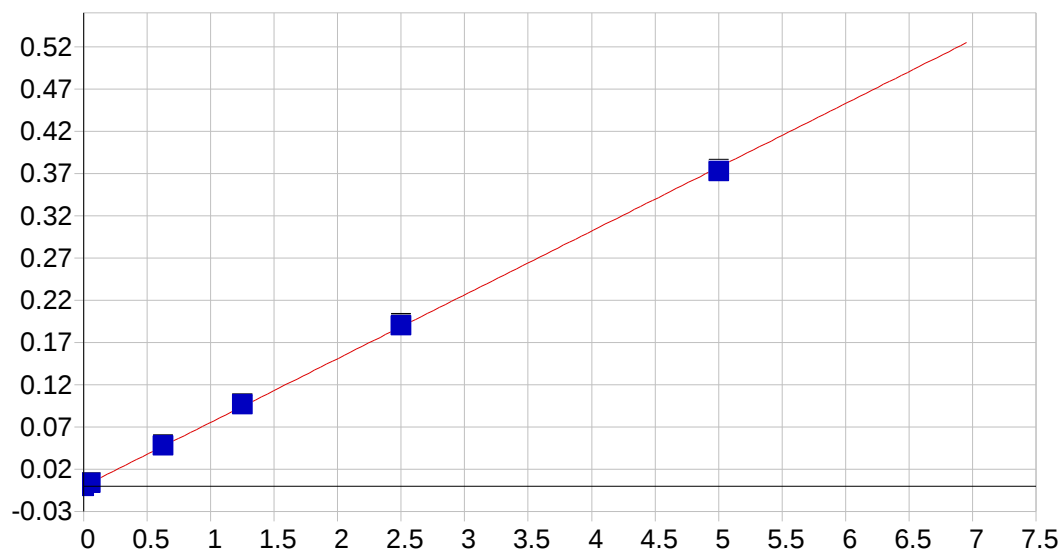


Na 818.326 { 41}

Date of Fit: 5/17/2017 11:53:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003523 Re-Slope: 1.000000
 A1 (Gain): 0.009114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000564
 Predicted MDL: 0.197411
 Predicted MQL: 0.658036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00083	.001	.000	-.00351	.001	1
S1	5.0000	4.6763	-.324	-6.47	.03910	.000	1
S2	37.500	35.593	-1.91	-5.09	.32086	.002	1
S3	75.000	73.059	-1.94	-2.59	.66231	.003	1
S4	150.00	146.21	-3.79	-2.53	1.3290	.002	1
S5	300.00	295.16	-4.84	-1.61	2.6865	.008	1
S6	800.00	812.80	12.8	1.60	7.4041	.007	1



V 292.402 {115}

Date of Fit: 5/17/2017 11:49:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000053

Re-Slope: 1.000000

A1 (Gain): 0.075460

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999879

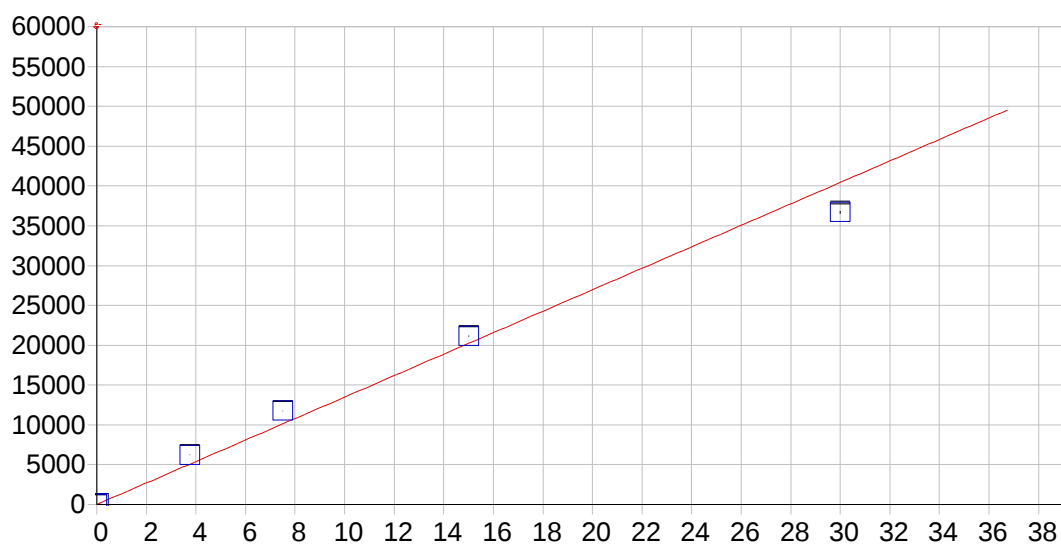
Status: OK.

Std Error of Est: 0.000031

Predicted MDL: 0.004192

Predicted MQL: 0.013973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.05000	.05233	.002	4.67	.00391	.000	1
S2	.62500	.63923	.014	2.28	.04838	.001	1
S3	1.2500	1.2818	.032	2.55	.09706	.001	1
S4	2.5000	2.5192	.019	.769	.19083	.002	1
S5	5.0000	4.9324	-.068	-1.35	.37370	.001	1

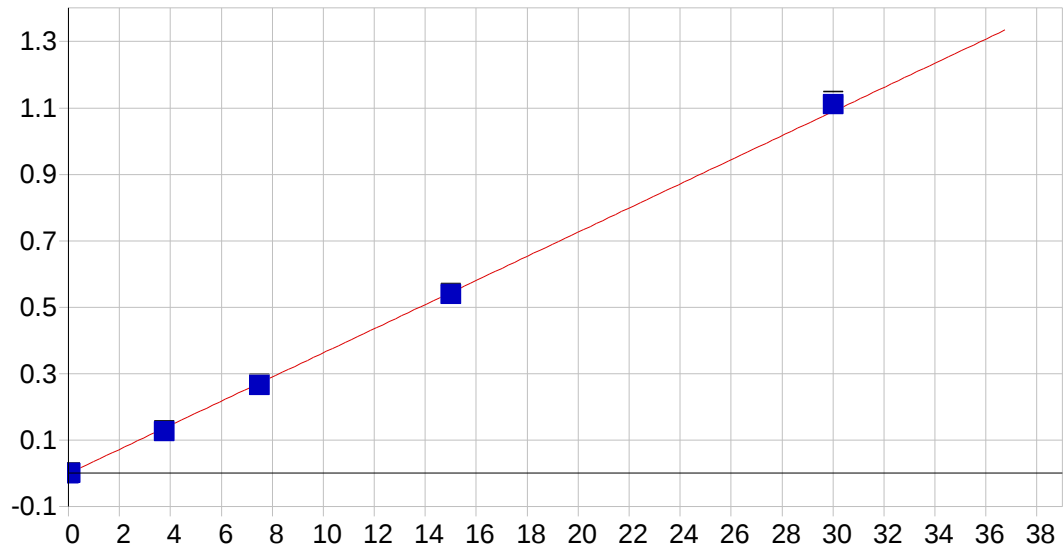


Zn 206.200 {464}

Date of Fit: 5/17/2017 11:49:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.085040 Re-Slope: 1.000000
 A1 (Gain): 1348.150183 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.993864 Status: OK.
 Std Error of Est: 10.675141
 Predicted MDL: 0.000378
 Predicted MQL: 0.001261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	2.0231	.122	1
S1	.06000	.08525	.025	42.1	117.02	1.07	1
S2	3.7500	4.6160	.866	23.1	6225.1	31.1	1
S3	7.5000	8.7131	1.21	16.2	11749.	38.6	1
S4	15.000	15.685	.685	4.56	21147.	50.8	1
S5	30.000	27.211	-2.79	-9.30	36687.	168.	1

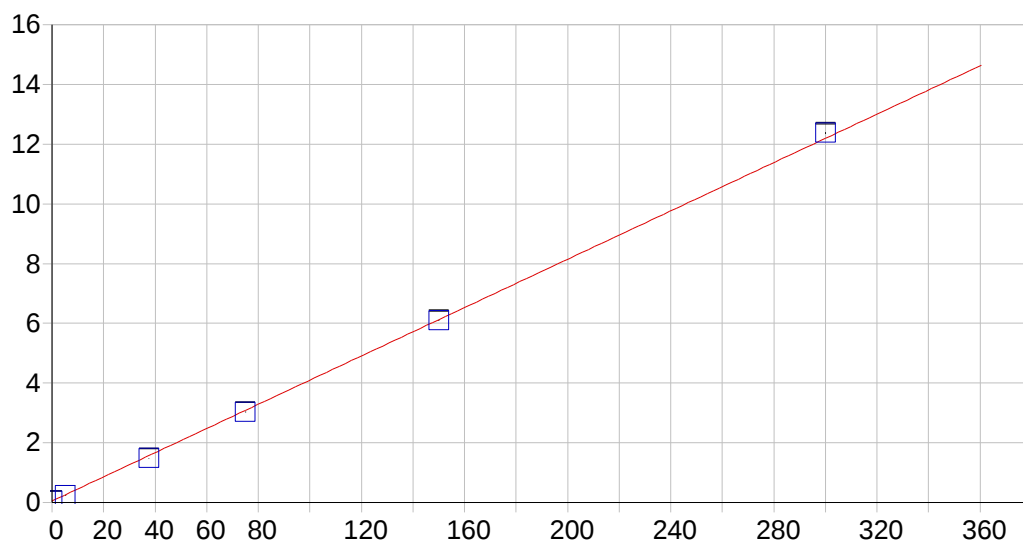


Zn 213.856 {158}

Date of Fit: 5/17/2017 11:49:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000770 Re-Slope: 1.000000
 A1 (Gain): 0.036335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.013187
 Predicted MQL: 0.043955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.06000	.06244	.002	4.07	.00151	.000	1
S2	3.7500	3.4898	-.260	-6.94	.12636	.002	1
S3	7.5000	7.3307	-.169	-2.26	.26625	.003	1
S4	15.000	14.846	-.154	-1.02	.53999	.002	1
S5	30.000	30.581	.581	1.94	1.1130	.008	1

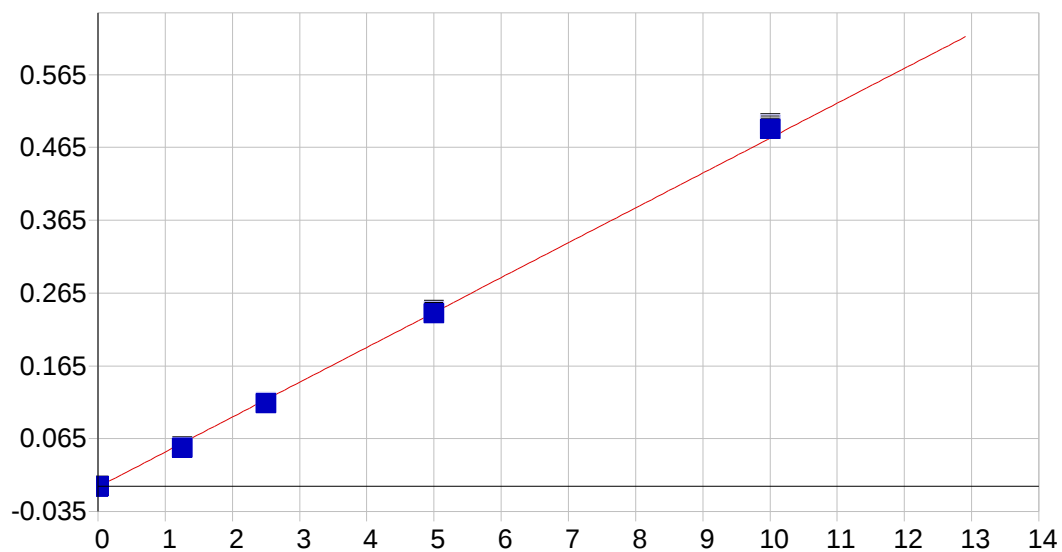


K 769.896 { 44}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.049163 Re-Slope: 1.000000
 A1 (Gain): 0.040487 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.001699
 Predicted MDL: 0.040503
 Predicted MQL: 0.135010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00061	.001	.000	.04919	.001	1
S1	5.0000	4.7136	-.286	-5.73	.24000	.001	1
S2	37.500	35.333	-2.17	-5.78	1.4797	.004	1
S3	75.000	73.574	-1.43	-1.90	3.0279	.002	1
S4	150.00	149.49	-.514	-.343	6.1013	.024	1
S5	300.00	304.39	4.39	1.46	12.373	.030	1

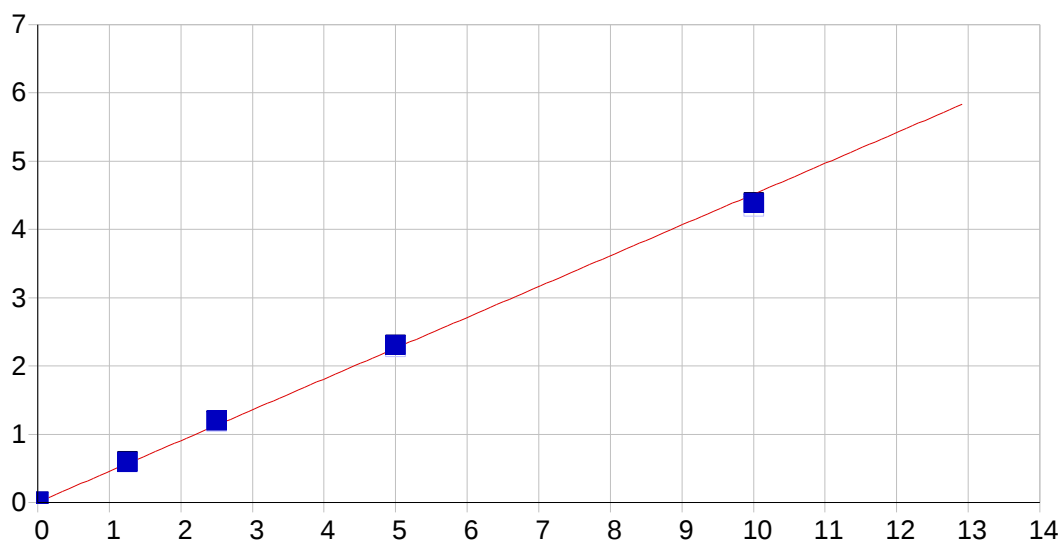


P 177.495 {490}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001174 Re-Slope: 1.000000
 A1 (Gain): 0.047905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999337 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002075
 Predicted MQL: 0.006916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00117	.000	1
S1	.01000	.01417	.004	41.7	-.00049	.000	1
S2	1.2500	1.1253	-.125	-9.97	.05351	.000	1
S3	2.5000	2.3902	-.110	-4.39	.11488	.000	1
S4	5.0000	4.9764	-.024	-.472	.24032	.001	1
S5	10.000	10.254	.254	2.54	.49623	.002	1

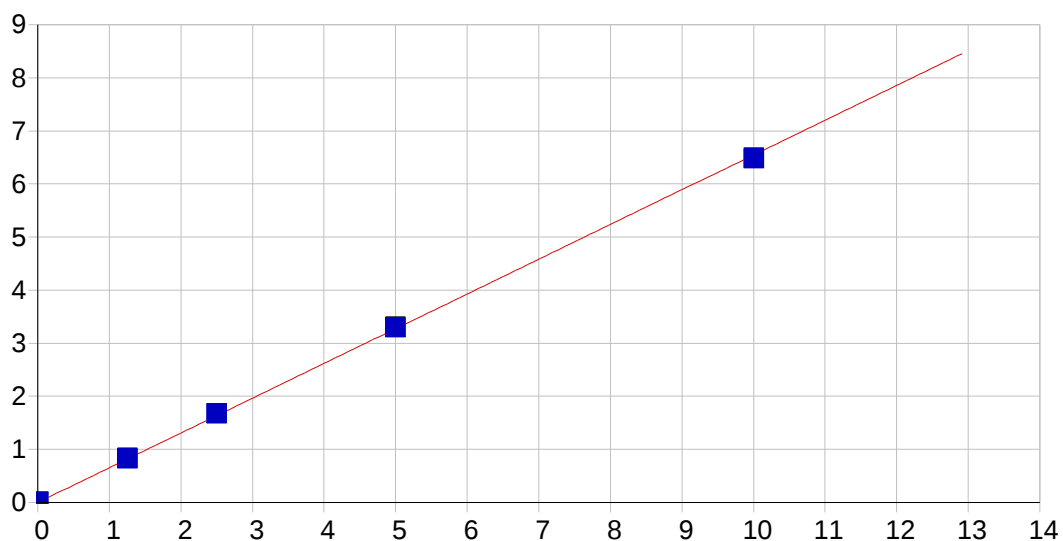


B 249.678 {135}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004464 Re-Slope: 1.000000
 A1 (Gain): 0.451248 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999436 Status: OK.
 Std Error of Est: 0.000251
 Predicted MDL: 0.001054
 Predicted MQL: 0.003513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00446	.000	1
S1	.01000	.00992	.000	-.775	.00895	.001	1
S2	1.2500	1.3089	.059	4.71	.58804	.007	1
S3	2.5000	2.6373	.137	5.49	1.1804	.001	1
S4	5.0000	5.0956	.096	1.91	2.2756	.003	1
S5	10.000	9.7083	-.292	-2.92	4.3288	.010	1

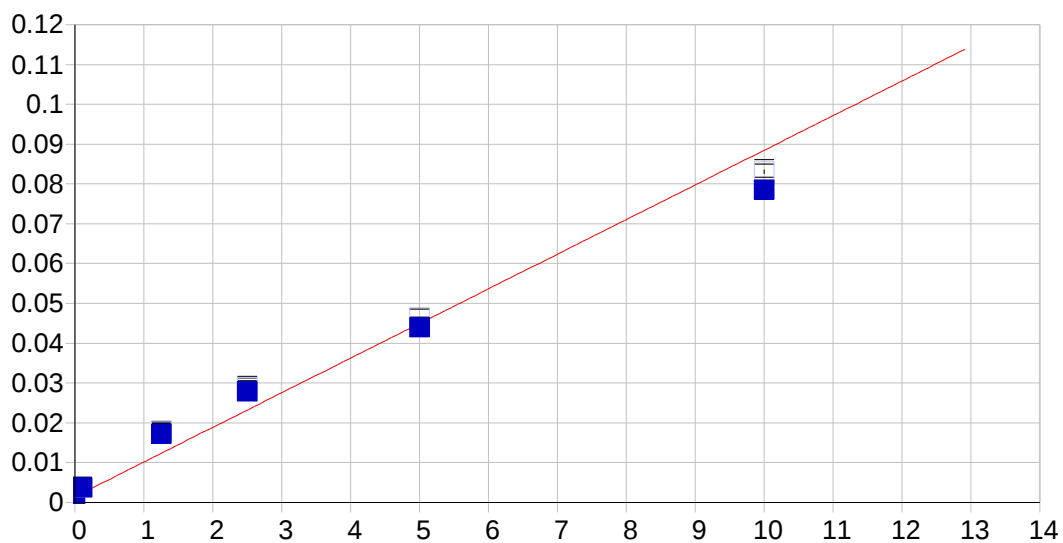


Mo 202.030 {467}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000313 Re-Slope: 1.000000
 A1 (Gain): 0.654594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000266
 Predicted MQL: 0.000887

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.01000	.01080	.001	7.99	.00740	.000	1
S2	1.2500	1.2690	.019	1.52	.83173	.001	1
S3	2.5000	2.5495	.049	1.98	1.6707	.004	1
S4	5.0000	5.0344	.034	.688	3.2988	.009	1
S5	10.000	9.8963	-.104	-1.04	6.4843	.013	1

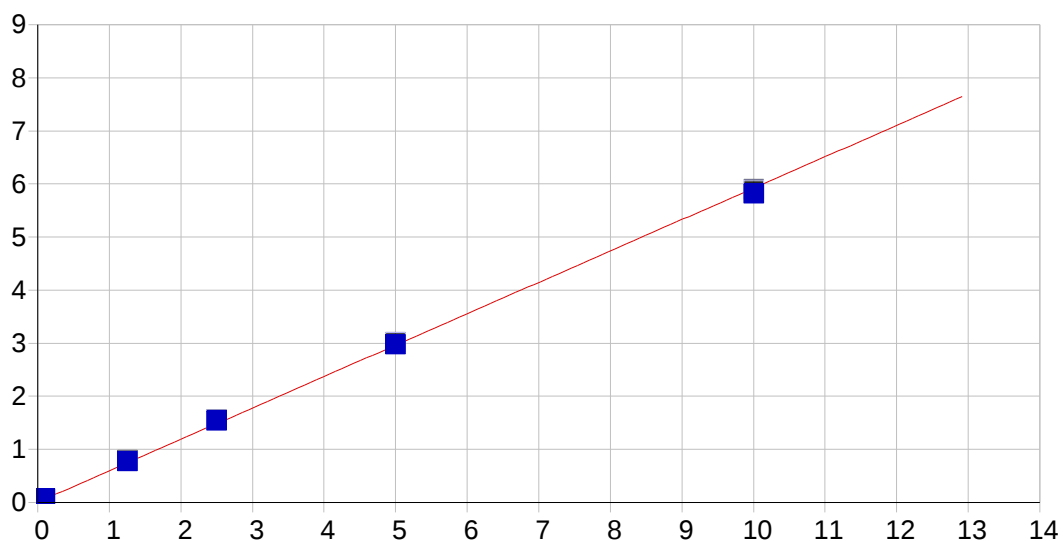


S 182.034 {485}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001466 Re-Slope: 1.000000
 A1 (Gain): 0.008699 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.982354 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.010343
 Predicted MQL: 0.034478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	.00146	.000	1
S1	.10000	.25977	.160	160.	.00373	.000	1
S2	1.2500	1.8106	.561	44.8	.01777	.000	1
S3	2.5000	3.0380	.538	21.5	.02900	.000	1
S4	5.0000	4.8824	-.118	-2.35	.04615	.000	1
S5	10.000	8.8667	-1.13	-11.3	.08302	.001	1

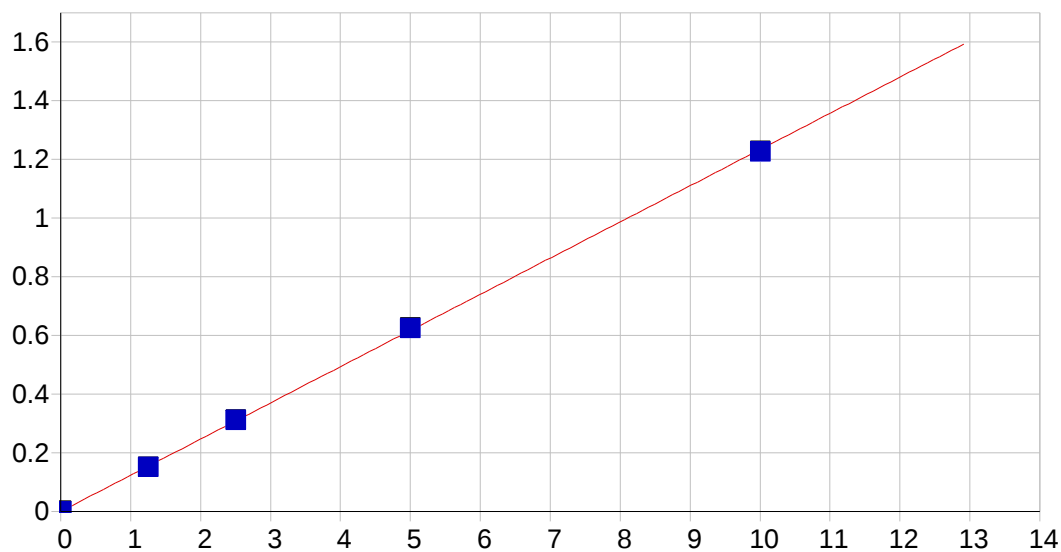


Si 251.611 {134}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006544 Re-Slope: 1.000000
 A1 (Gain): 0.591415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000691
 Predicted MDL: 0.000950
 Predicted MQL: 0.003165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00654	.000	1
S1	.10000	.10255	.003	2.55	.06741	.000	1
S2	1.2500	1.3054	.055	4.43	.78728	.007	1
S3	2.5000	2.5921	.092	3.69	1.5570	.003	1
S4	5.0000	5.0249	.025	.499	3.0132	.004	1
S5	10.000	9.8250	-.175	-1.75	5.8868	.018	1

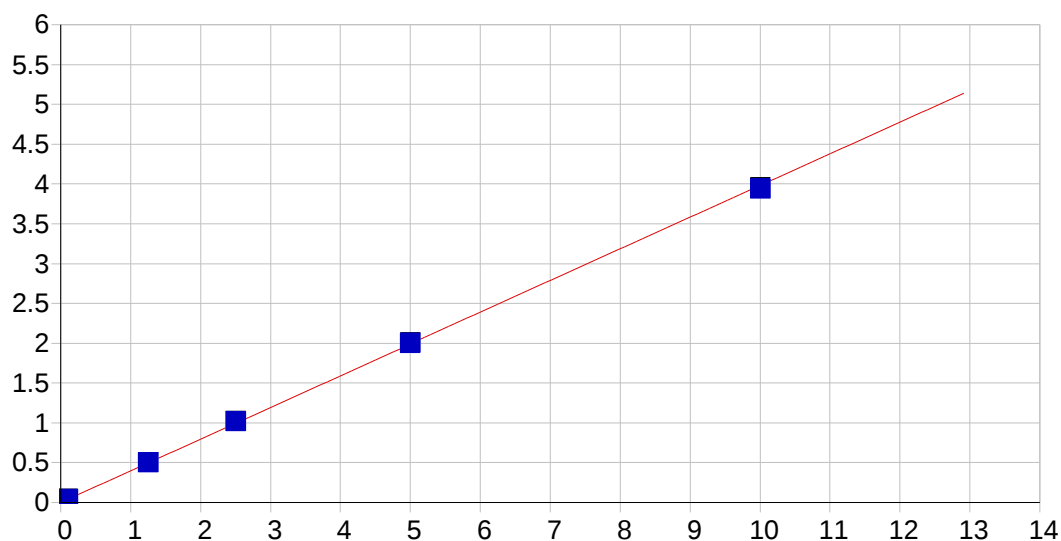


Sn 189.989 {478}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.123402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.000835
 Predicted MQL: 0.002782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.00700	.00645	-.001	-7.82	.00086	.000	1
S2	1.2500	1.2240	-.026	-2.08	.15100	.001	1
S3	2.5000	2.5245	.025	.981	.31137	.001	1
S4	5.0000	5.0664	.066	1.33	.62480	.001	1
S5	10.000	9.9355	-.064	-.645	1.2252	.003	1

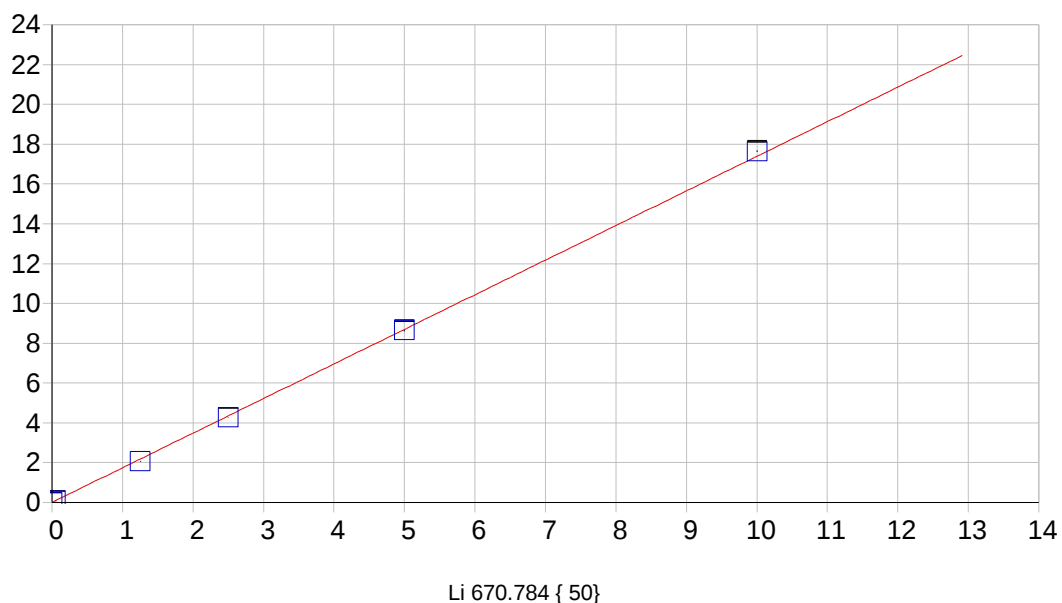


Ti 336.121 {100}

Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001251 Re-Slope: 1.000000
 A1 (Gain): 0.397857 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000260
 Predicted MDL: 0.001196
 Predicted MQL: 0.003986

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00125	.000	1
S1	.10000	.10420	.004	4.20	.04270	.001	1
S2	1.2500	1.2632	.013	1.05	.50365	.001	1
S3	2.5000	2.5577	.058	2.31	1.0185	.000	1
S4	5.0000	5.0273	.027	.545	2.0007	.005	1
S5	10.000	9.8977	-.102	-1.02	3.9378	.013	1



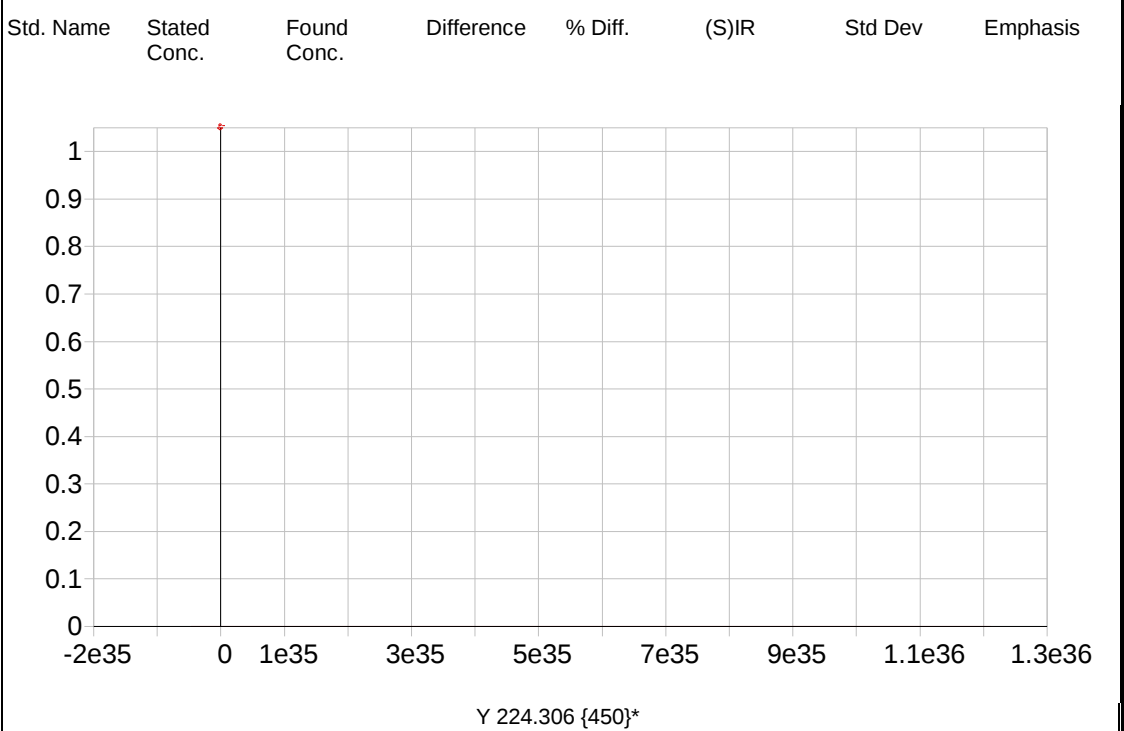
Date of Fit: 5/17/2017 11:49:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007725 Re-Slope: 1.000000
 A1 (Gain): 1.738004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.001287
 Predicted MDL: 0.000950
 Predicted MQL: 0.003167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00774	.001	1
S5	10.000	10.149	.149	1.49	17.647	.033	1
S4	5.0000	4.9713	-.029	-.574	8.6478	.041	1
S3	2.5000	2.4506	-.049	-1.97	4.2669	.015	1
S2	1.2500	1.1829	-.067	-5.37	2.0636	.009	1
S1	.05000	.04581	-.004	-8.37	.08735	.001	1

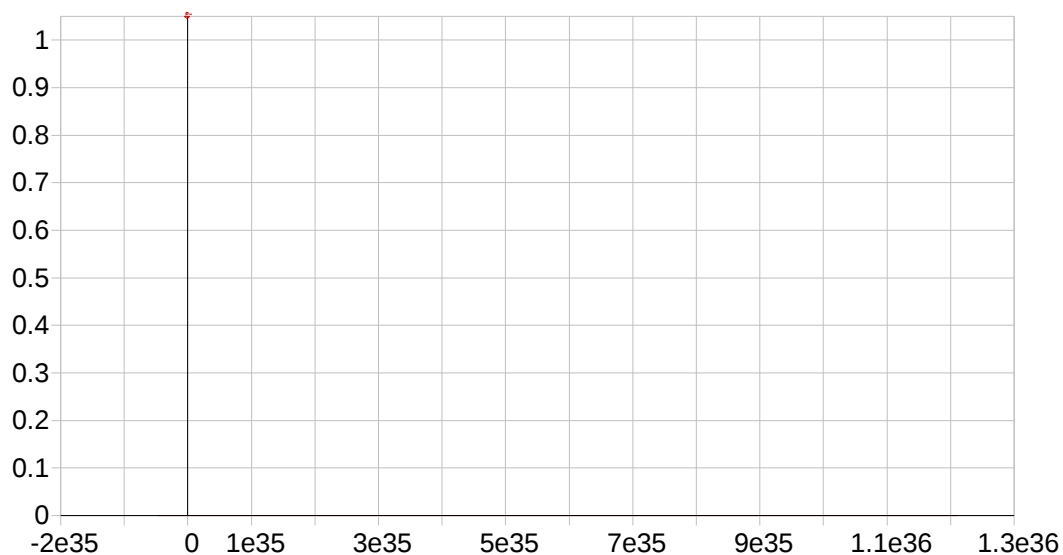


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	



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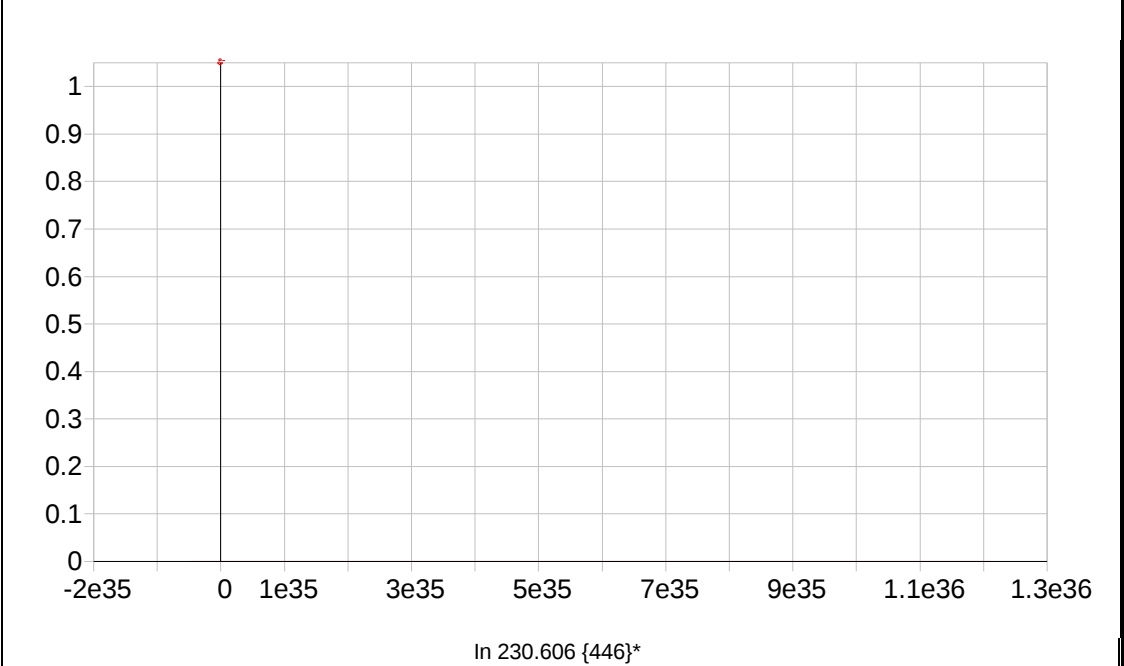
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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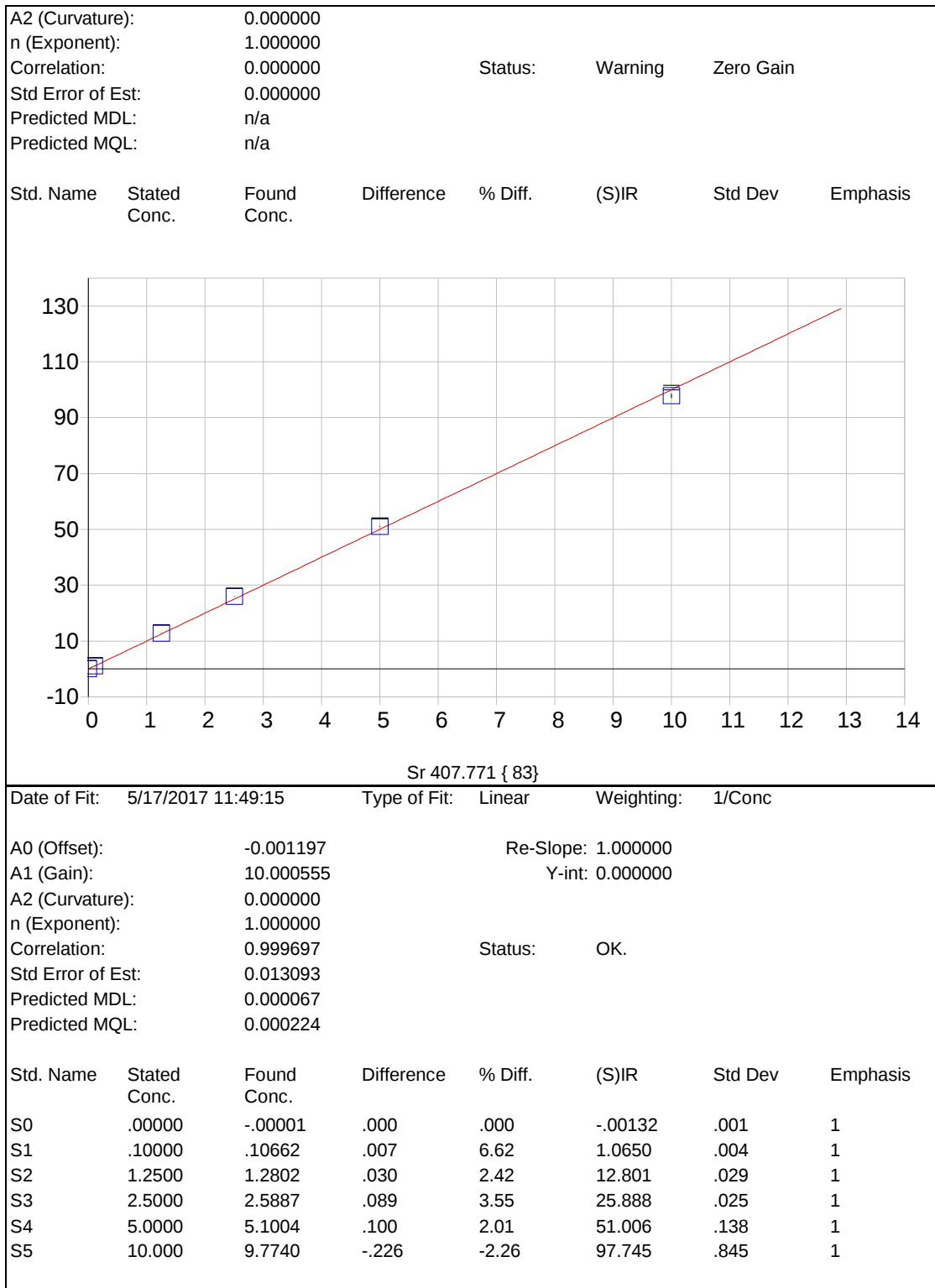


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 5/17/2017 11:25:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	-.00023	-.00030	.00023	.00012	.00011	.00059	-.06001	-.00275
Stddev	.00004	.00001	.00029	.00007	.00008	.00044	.00145	.00023
%RSD	18.411	3.7319	122.09	54.156	75.572	75.098	2.4123	8.5157

#1	-.00026	-.00030	.00007	.00020	.00004	.00109	-.06001	-.00250
#2	-.00025	-.00032	.00007	.00010	.00020	.00038	-.06146	-.00296
#3	-.00018	-.00029	.00057	.00007	.00010	.00029	-.05857	-.00280

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	.00024	.00174	.00006	-.00026	.00082	.00014	-.00012	-.00040
Stddev	.00001	.00071	.00001	.00003	.00041	.00015	.00013	.00012
%RSD	6.2628	41.030	18.613	10.295	49.932	107.48	111.18	29.585

#1	.00022	.00166	.00007	-.00023	.00107	-.00002	.00003	-.00040
#2	.00025	.00107	.00006	-.00028	.00035	.00029	-.00021	-.00051
#3	.00024	.00249	.00005	-.00026	.00104	.00017	-.00018	-.00028

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	-.00078	-.00045	-.00351	-.00005	-.00077	.04919	-.00117	.00446
Stddev	.00006	.00006	.00081	.00006	.00022	.00075	.00002	.00024
%RSD	7.4068	14.396	23.097	115.83	28.193	1.5334	1.4719	5.4074

#1	-.00077	-.00038	-.00431	-.00012	-.00102	.04983	-.00116	.00440
#2	-.00073	-.00046	-.00355	-.00003	-.00069	.04937	-.00117	.00473
#3	-.00085	-.00051	-.00269	-.00001	-.00060	.04836	-.00119	.00426

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	.00031	.00146	.00654	.00008	.00125	.00774	-.00132	
Stddev	.00003	.00003	.00035	.00001	.00047	.00126	.00068	
%RSD	10.476	1.8415	5.3342	16.484	37.364	16.235	51.676	

#1	.00032	.00149	.00614	.00007	.00150	.00806	-.00208	
#2	.00034	.00147	.00677	.00009	.00153	.00635	-.00077	
#3	.00028	.00144	.00670	.00007	.00071	.00880	-.00111	

Sample Name: S0 Acquired: 5/17/2017 11:25:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	1810.1	2707.0	55149.	4469.3	3849.6
Stddev	12.0	18.8	233.	6.7	15.6
%RSD	.66258	.69281	.42243	.15046	.40463
#1	1797.3	2686.5	54889.	4471.9	3831.8
#2	1812.0	2711.4	55219.	4461.7	3860.6
#3	1821.1	2723.2	55339.	4474.3	3856.4

Sample Name: S1 Acquired: 5/17/2017 11:29:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00043	.00199	.00242	.00215	.01135	.01654	.83581	.03452
Stddev	.00010	.00006	.00016	.00015	.00025	.00035	.00465	.00039
%RSD	22.516	2.7831	6.8076	7.0406	2.2338	2.1025	.55647	1.1176

#1	.00032	.00205	.00260	.00230	.01131	.01624	.83876	.03411
#2	.00044	.00197	.00238	.00215	.01162	.01646	.83822	.03488
#3	.00051	.00194	.00228	.00200	.01112	.01692	.83045	.03456

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	.00904	.23859	.00147	.03236	.00599	.00154	.00474	.02656
Stddev	.00012	.00157	.00007	.00010	.00037	.00011	.00027	.00013
%RSD	1.3705	.65791	4.4595	.31889	6.0981	7.1540	5.6181	.48961

#1	.00896	.23805	.00148	.03236	.00571	.00145	.00505	.02643
#2	.00918	.24036	.00153	.03247	.00585	.00167	.00459	.02657
#3	.00897	.23735	.00140	.03226	.00640	.00151	.00459	.02669

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	.02467	.00214	.03910	.00391	.00151	.24000	-.00049	.00895
Stddev	.00020	.00009	.00027	.00031	.00035	.00121	.00010	.00052
%RSD	.79522	4.4178	.70131	8.0156	23.185	.50486	20.972	5.8466

#1	.02483	.00204	.03897	.00366	.00190	.24046	-.00057	.00939
#2	.02472	.00216	.03890	.00379	.00138	.23862	-.00037	.00838
#3	.02445	.00223	.03941	.00426	.00124	.24091	-.00051	.00909

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	.00740	.00373	.06741	.00086	.04270	.08735	1.0650	
Stddev	.00015	.00014	.00036	.00012	.00066	.00053	.0037	
%RSD	1.9772	3.7543	.52751	13.802	1.5468	.60291	.34433	

#1	.00732	.00359	.06713	.00090	.04242	.08756	1.0692	
#2	.00756	.00387	.06728	.00095	.04222	.08774	1.0636	
#3	.00730	.00373	.06781	.00073	.04345	.08675	1.0623	

Sample Name: S1 Acquired: 5/17/2017 11:29:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.6	2704.0	54958.	4515.2	3742.5
Stddev	5.3	15.5	192.	17.8	18.8
%RSD	.29246	.57375	.34855	.39531	.50117
#1	1813.9	2687.8	54977.	4503.7	3725.7
#2	1808.1	2705.4	54758.	4506.0	3739.2
#3	1818.7	2718.7	55139.	4535.7	3762.7

Sample Name: S2 Acquired: 5/17/2017 11:33:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.06244	.11108	1.2615	.06993	.22807	3.0174	10.839	.85761
Stddev	.00009	.00015	.0030	.00012	.00040	.0061	.027	.00752
%RSD	.14351	.13191	.24038	.17158	.17617	.20163	.24962	.87643

#1	.06247	.11111	1.2605	.06981	.22840	3.0198	10.867	.85902
#2	.06252	.11121	1.2592	.06995	.22819	3.0105	10.836	.84948
#3	.06234	.11092	1.2650	.07005	.22762	3.0220	10.813	.86432

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	1.0736	2.8654	.51416	.41779	.74844	.54185	1.1156	.32728
Stddev	.0035	.0174	.00047	.00205	.00247	.00212	.0046	.00088
%RSD	.32558	.60722	.09167	.48956	.32970	.39113	.41303	.26814

#1	1.0732	2.8744	.51371	.41829	.75112	.54337	1.1206	.32814
#2	1.0703	2.8453	.51465	.41554	.74794	.53943	1.1115	.32731
#3	1.0772	2.8763	.51411	.41954	.74626	.54276	1.1147	.32639

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	.39674	.07534	.32086	.04838	.12636	1.4797	.05351	.58804
Stddev	.00066	.00019	.00226	.00061	.00233	.0040	.00021	.00653
%RSD	.16666	.25052	.70328	1.2587	1.8470	.26991	.38325	1.1108

#1	.39710	.07514	.31971	.04851	.12898	1.4809	.05372	.58843
#2	.39597	.07552	.31941	.04771	.12451	1.4752	.05331	.58132
#3	.39714	.07535	.32346	.04891	.12559	1.4829	.05349	.59437

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	.83173	.01777	.78728	.15100	.50365	2.0636	12.801	
Stddev	.00146	.00018	.00662	.00054	.00139	.0088	.029	
%RSD	.17557	1.0357	.84117	.35640	.27632	.42660	.22674	

#1	.83080	.01795	.78901	.15162	.50455	2.0714	12.833	
#2	.83098	.01777	.77996	.15060	.50204	2.0654	12.776	
#3	.83341	.01758	.79286	.15080	.50435	2.0541	12.796	

Sample Name: S2 Acquired: 5/17/2017 11:33:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	1706.1	2544.0	52251.	4451.0	3212.4
Stddev	7.7	3.7	201.	26.4	9.4
%RSD	.44853	.14416	.38458	.59276	.29127
#1	1704.2	2540.1	52228.	4428.1	3202.7
#2	1699.5	2547.4	52062.	4479.8	3221.3
#3	1714.5	2544.4	52462.	4445.2	3213.2

Sample Name: S3 Acquired: 5/17/2017 11:37:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.12793	.22165	2.5696	.14146	.46575	6.1872	22.121	1.7273
Stddev	.00045	.00084	.0080	.00060	.00161	.0029	.054	.0114
%RSD	.35200	.37997	.31077	.42252	.34598	.04729	.24344	.65845

#1	.12828	.22193	2.5648	.14215	.46741	6.1886	22.142	1.7150
#2	.12742	.22071	2.5652	.14107	.46419	6.1893	22.162	1.7374
#3	.12810	.22232	2.5788	.14116	.46565	6.1839	22.060	1.7294

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	2.1982	5.7385	1.0190	.85910	1.5112	1.0865	2.2159	.66559
Stddev	.0094	.0168	.0028	.00262	.0072	.0017	.0018	.00148
%RSD	.42646	.29198	.27663	.30523	.47631	.15734	.08222	.22266

#1	2.1956	5.7463	1.0161	.85795	1.5157	1.0851	2.2179	.66680
#2	2.1905	5.7192	1.0192	.85725	1.5149	1.0859	2.2155	.66394
#3	2.2086	5.7499	1.0217	.86210	1.5029	1.0884	2.2144	.66603

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	.81136	.15602	.66231	.09706	.26625	3.0279	.11488	1.1804
Stddev	.00198	.00044	.00290	.00058	.00291	.0021	.00044	.0012
%RSD	.24400	.27939	.43811	.60234	1.0925	.07033	.38285	.10393

#1	.81080	.15637	.65898	.09640	.26916	3.0303	.11502	1.1807
#2	.80972	.15553	.66427	.09730	.26334	3.0274	.11439	1.1791
#3	.81356	.15615	.66368	.09750	.26625	3.0261	.11523	1.1815

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	1.6707	.02900	1.5570	.31137	1.0185	4.2669	25.888	
Stddev	.0044	.00020	.0026	.00085	.0004	.0147	.025	
%RSD	.26333	.68320	.16385	.27378	.03786	.34353	.09555	

#1	1.6738	.02911	1.5540	.31109	1.0181	4.2771	25.904	
#2	1.6656	.02877	1.5586	.31069	1.0189	4.2736	25.899	
#3	1.6726	.02912	1.5583	.31232	1.0186	4.2501	25.859	

Sample Name: S3 Acquired: 5/17/2017 11:37:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	1635.4	2445.2	50667.	4392.2	2979.2
Stddev	16.1	7.9	166.	11.6	6.7
%RSD	.98416	.32405	.32796	.26309	.22636
#1	1618.9	2436.4	50508.	4380.6	2974.7
#2	1651.1	2451.8	50840.	4403.7	2986.9
#3	1636.3	2447.4	50653.	4392.3	2975.9

Sample Name: S4 Acquired: 5/17/2017 11:41:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.26050	.42864	5.1114	.28410	.94756	12.442	44.102	3.4014
Stddev	.00167	.00189	.0189	.00097	.00282	.028	.175	.0052
%RSD	.64245	.44105	.36994	.34127	.29791	.22695	.39617	.15144

#1	.26242	.43074	5.1234	.28514	.95082	12.410	43.901	3.4068
#2	.25933	.42708	5.0896	.28394	.94583	12.450	44.200	3.4008
#3	.25975	.42808	5.1212	.28322	.94603	12.465	44.207	3.3965

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3840	11.308	1.9701	1.7206	2.9989	2.1063	4.2848	1.3335
Stddev	.0164	.044	.0057	.0040	.0103	.0030	.0204	.0048
%RSD	.37445	.39248	.28873	.23406	.34203	.14105	.47566	.36093

#1	4.3899	11.256	1.9762	1.7238	2.9877	2.1071	4.2619	1.3279
#2	4.3655	11.334	1.9649	1.7160	3.0012	2.1030	4.2918	1.3361
#3	4.3967	11.332	1.9691	1.7219	3.0078	2.1088	4.3008	1.3363

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	1.6162	.31909	1.3290	.19083	.53999	6.1013	.24032	2.2756
Stddev	.0042	.00011	.0024	.00204	.00244	.0243	.00138	.0031
%RSD	.26206	.03478	.17653	1.0691	.45166	.39738	.57569	.13629

#1	1.6192	.31915	1.3263	.18851	.53733	6.0735	.24189	2.2758
#2	1.6114	.31916	1.3297	.19161	.54051	6.1123	.23927	2.2724
#3	1.6181	.31896	1.3308	.19236	.54213	6.1182	.23980	2.2786

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.2988	.04615	3.0132	.62480	2.0007	8.6478	51.006	
Stddev	.0091	.00020	.0042	.00132	.0054	.0412	.138	
%RSD	.27617	.42445	.13876	.21107	.27046	.47664	.27100	

#1	3.3088	.04630	3.0126	.62604	1.9945	8.6014	50.847	
#2	3.2910	.04593	3.0093	.62342	2.0029	8.6623	51.067	
#3	3.2964	.04622	3.0176	.62495	2.0046	8.6799	51.103	

Sample Name: S4 Acquired: 5/17/2017 11:41:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	1530.5	2293.5	48462.	4309.3	2716.1
Stddev	7.4	6.8	53.	.7	8.3
%RSD	.48367	.29744	.10884	.01621	.30721
#1	1533.4	2285.7	48440.	4308.6	2707.5
#2	1522.1	2297.7	48423.	4310.0	2724.1
#3	1536.0	2297.3	48522.	4309.5	2716.7

Sample Name: S5 Acquired: 5/17/2017 11:45:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.53341	.82041	10.052	.57121	1.9463	25.173	85.508	6.7396
Stddev	.00143	.00342	.022	.00301	.0070	.058	.206	.0216
%RSD	.26759	.41637	.21750	.52707	.36016	.22892	.24124	.32075

#1	.53470	.82354	10.064	.57342	1.9507	25.111	85.371	6.7438
#2	.53366	.82091	10.065	.57243	1.9500	25.226	85.408	6.7589
#3	.53188	.81677	10.026	.56778	1.9382	25.182	85.745	6.7162

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.5516	22.286	3.7379	3.3853	6.0007	4.0533	8.2157	2.6485
Stddev	.0089	.031	.0029	.0091	.0104	.0195	.0283	.0053
%RSD	.10422	.13788	.07789	.26969	.17407	.48091	.34453	.20186

#1	8.5507	22.316	3.7371	3.3895	5.9943	4.0406	8.2474	2.6538
#2	8.5609	22.289	3.7411	3.3916	5.9950	4.0758	8.1932	2.6431
#3	8.5431	22.254	3.7354	3.3749	6.0127	4.0436	8.2063	2.6485

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1453	.66205	2.6865	.37370	1.1130	12.373	.49623	4.3288
Stddev	.0052	.00172	.0076	.00127	.0084	.030	.00155	.0098
%RSD	.16443	.26045	.28456	.34024	.75753	.23935	.31145	.22738

#1	3.1479	.66007	2.6804	.37510	1.1083	12.339	.49794	4.3272
#2	3.1486	.66295	2.6951	.37260	1.1227	12.388	.49582	4.3393
#3	3.1393	.66315	2.6839	.37341	1.1080	12.393	.49493	4.3199

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.4843	.08302	5.8868	1.2252	3.9378	17.647	97.745	
Stddev	.0134	.00056	.0182	.0033	.0133	.033	.845	
%RSD	.20596	.67505	.30961	.26961	.33651	.18526	.86442	

#1	6.4991	.08353	5.8847	1.2283	3.9380	17.628	96.778	
#2	6.4810	.08311	5.9060	1.2256	3.9509	17.629	98.345	
#3	6.4730	.08242	5.8697	1.2217	3.9244	17.685	98.111	

Sample Name: S5 Acquired: 5/17/2017 11:45:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	1413.6	2107.3	46397.	4201.2	2438.7
Stddev	6.9	8.9	93.	10.7	12.8
%RSD	.48870	.42116	.19990	.25445	.52481
#1	1419.7	2098.2	46504.	4206.6	2428.0
#2	1406.1	2107.8	46338.	4188.9	2435.1
#3	1415.0	2115.9	46349.	4208.1	2452.9

Sample Name: S6 Acquired: 5/17/2017 11:49:20 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.719	37.183	10.592	4.2735	7.4041
Stddev	.656	.168	.057	.0097	.0065
%RSD	.95434	.45206	.53375	.22780	.08807

#1	68.493	36.989	10.527	4.2633	7.4015
#2	69.458	37.283	10.628	4.2826	7.3993
#3	68.207	37.276	10.620	4.2746	7.4115

Int. Std.	Y_3710
Units	Cts/S
Avg	4049.7
Stddev	13.8
%RSD	.33964

#1	4061.0
#2	4034.4
#3	4053.7

Sample Name: ICV Acquired: 5/17/2017 11:53:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.9652100	1.095477	.9802712	.9831223	.9313861	2.380930
Stddev	.0032121	.004184	.0029318	.0038164	.0013000	.002356
%RSD	.3327835	.3819084	.2990810	.3881908	.1395787	.0989602

#1	.9634961	1.095438	.9836565	.9859467	.9328872	2.378446
#2	.9632184	1.091314	.9785840	.9787806	.9306275	2.383134
#3	.9689155	1.099681	.9785730	.9846396	.9306437	2.381208

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5033420	.4987137	.4659782	10.08670	.5253055	.4746041
Stddev	.0020694	.0015142	.0006683	.06226	.0006980	.0009330
%RSD	.4111273	.3036289	.1434178	.6172914	.1328652	.1965813

#1	.5037416	.5001067	.4653586	10.14635	.5246295	.4743449
#2	.5051824	.4971020	.4666864	10.02212	.5252636	.4756392
#3	.5011020	.4989323	.4658896	10.09163	.5260235	.4738281

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5142988	F 5.612678	.5331828	5.751396	.4852076	.4694377
Stddev	.0010065	.022209	.0037568	.045930	.0005724	.0024217
%RSD	.1956960	.3956851	.7045928	.7985865	.1179676	.5158748

#1	.5152383	5.594127	.5321470	5.801513	.4846263	.4666420
#2	.5132366	5.637287	.5373488	5.741363	.4857706	.4707841
#3	.5144214	5.606620	.5300526	5.711312	.4852258	.4708870

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.911319	.4972980	.9544360	9.344805	F -.007208	F 2.900066
Stddev	.064364	.0007086	.0223281	.112063	.001290	.008857
%RSD	.6494005	.1424889	2.339398	1.199201	17.89941	.3054153

#1	9.955219	.4968767	.9298519	9.461788	-.006206	2.900819
#2	9.941305	.4969013	.9600009	9.334210	-.008663	2.890856
#3	9.837433	.4981161	.9734554	9.238415	-.006754	2.908522

Sample Name: ICV Acquired: 5/17/2017 11:53:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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 2.563137	-.051025	2.555270	F 2.330962	2.592025	.0018599
Stddev	.005009	.019854	.010910	.005364	.005694	.0005247
%RSD	.1954131	38.91028	.4269785	.2301196	.2196797	28.21074

#1	2.568859	-.043107	2.558073	2.327619	2.598600	.0013989
#2	2.559546	-.036351	2.543231	2.337149	2.588765	.0024309
#3	2.561007	-.073615	2.564505	2.328119	2.588711	.0017500

Elem	Sr4077
Units	ppm
Avg	.0121348
Stddev	.0000662
%RSD	.5455343

#1	.0121530
#2	.0120614
#3	.0121900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.976	2616.932	54183.98	4465.160	3550.297
Stddev	4.072	8.595	142.02	19.075	4.944
%RSD	.2316482	.3284211	.2621027	.4272008	.1392674

#1	1754.112	2607.083	54056.57	4444.363	3545.054
#2	1762.228	2622.913	54158.27	4481.841	3550.960
#3	1757.586	2620.800	54337.09	4469.276	3554.876

Sample Name: ICB Acquired: 5/17/2017 11:59:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.0005032	.0011767	-.000472	.0017291	-.000343	-.001672	-.001840
Stddev	.0010366	.0016138	.000805	.0017288	.000121	.004191	.000641
%RSD	205.9943	137.1402	170.4169	99.98357	35.25068	250.6535	34.80702

#1	.0016163	-.000125	.000326	-.000264	-.000211	.003144	-.002369
#2	-.000434	.002982	-.001284	.002823	-.000448	-.003667	-.002024
#3	.000328	.000674	-.000459	.002628	-.000370	-.004493	-.001128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000058	.0007727	-.000399	-.000272	.0017581	-.007273
Stddev	.000023	.000049	.0186472	.000099	.000154	.0002192	.016906
%RSD	84.47442	84.69510	2413.374	24.95960	56.72761	12.47098	232.4457

#1	-.000004	-.000028	-.019780	-.000435	-.000447	.0018286	-.022665
#2	-.000050	-.000030	.005488	-.000286	-.000157	.0015122	-.009975
#3	-.000026	-.000114	.016610	-.000474	-.000212	.0019334	.010821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000095	.0099024	.0000561	.0004960	.0860841	-.002707	.0025222
Stddev	.000467	.0173484	.0003235	.0002508	.1305600	.005061	.0069700
%RSD	490.0507	175.1948	576.5067	50.56047	151.6657	186.9998	276.3463

#1	-.000518	.0095319	.0002441	.0007841	.1554491	-.008486	-.005323
#2	.000406	.0274330	-.000317	.0003260	-.064518	-.000567	.008001
#3	-.000175	-.007258	.000242	.0003781	.167321	.000934	.004888

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023040	.0008194	.0041070	.0000242	-.029063	-.002219	-.000019
Stddev	.026231	.0013136	.0009530	.0001003	.007727	.000434	.000695
%RSD	113.8476	160.3110	23.20345	413.9372	26.58541	19.55285	3588.152

#1	-.007533	.0000856	.0032712	-.000006	-.029687	-.001749	-.000811
#2	-.053326	.0023360	.0039051	-.000057	-.036459	-.002304	.000490
#3	-.008262	.0000367	.0051448	.000136	-.021044	-.002605	.000263

Sample Name: ICB Acquired: 5/17/2017 11:59:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.0002620	-.000449	-.000081
Stddev	.0003388	.000616	.000030
%RSD	129.3426	137.1240	37.15286

#1	-.000127	-.001130	-.000107
#2	.000496	.000067	-.000048
#3	.000417	-.000284	-.000088

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.640	2650.962	54738.11	4416.676	3762.769
Stddev	5.036	10.714	230.29	13.478	13.609
%RSD	.2844335	.4041607	.4207155	.3051707	.3616686

#1	1764.834	2640.005	54531.11	4416.372	3750.420
#2	1773.817	2651.467	54697.05	4403.353	3760.528
#3	1773.271	2661.415	54986.17	4430.304	3777.359

Sample Name: ICSA Acquired: 5/17/2017 12:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	-.000380	-.012731	-.002101	-.019804	.0017827	248.7531
Stddev	.002294	.005289	.000762	.003973	.0012581	.3441
%RSD	604.3377	41.54392	36.25379	20.05991	70.57269	.1383473

#1	-.000704	-.008531	-.002980	-.015620	.0005762	248.5024
#2	.002060	-.010992	-.001705	-.020268	.0016852	249.1455
#3	-.002494	-.018671	-.001619	-.023525	.0030868	248.6115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032703	.0009458	.0030799	247.5277	.0488528	-.000747
Stddev	.0004507	.0000080	.0000240	.6828	.0009009	.000235
%RSD	13.78303	.8402736	.7807405	.2758336	1.844112	31.47831

#1	.0037273	.0009412	.0030858	248.3050	.0498291	-.000948
#2	.0028260	.0009550	.0031005	247.2530	.0480535	-.000805
#3	.0032576	.0009412	.0030535	247.0250	.0486757	-.000489

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210914	108.7011	.0146932	257.3352	.0011689	-.001176
Stddev	.0017342	.3027	.0003208	.6962	.0001923	.000345
%RSD	8.222359	.2784846	2.183346	.2705431	16.45357	29.36243

#1	.0195748	108.4341	.0145382	257.7974	.0009547	-.001462
#2	.0207172	109.0300	.0150620	256.5345	.0013266	-.000793
#3	.0229821	108.6393	.0144793	257.6739	.0012256	-.001273

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5790573	-.000210	.0285323	-.239469	-.007518	F -.292484
Stddev	.0920988	.002083	.0138133	.051207	.001519	.002495
%RSD	15.90496	991.4997	48.41272	21.38351	20.19900	.8529878

#1	.6853939	.000824	.0137239	-.246050	-.009054	-.290584
#2	.5271541	.001154	.0308042	-.185290	-.006017	-.295309
#3	.5246240	-.002608	.0410688	-.287068	-.007484	-.291560

Sample Name: ICSA Acquired: 5/17/2017 12:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.0002940	.0451474	.0448987	-.002319	-.002549	.0034473
Stddev	.0004228	.0257798	.0017530	.001391	.000713	.0005469
%RSD	143.8114	57.10126	3.904334	60.01073	27.97643	15.86428
#1	.0000130	.0728504	.0431772	-.000722	-.001729	.0032460
#2	.0007802	.0407302	.0466816	-.002959	-.003025	.0030296
#3	.0000887	.0218617	.0448375	-.003275	-.002893	.0040663

Elem	Sr4077
Units	ppm
Avg	.1041499
Stddev	.0000982
%RSD	.0942742
#1	.1041412
#2	.1040563
#3	.1042521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.567	2387.378	49371.22	4270.680	2868.048
Stddev	6.358	7.738	97.40	13.354	9.339
%RSD	.3974519	.3241367	.1972799	.3126860	.3256314
#1	1593.139	2382.892	49303.53	4266.014	2861.112
#2	1599.710	2382.929	49327.29	4260.284	2864.364
#3	1605.852	2396.314	49482.85	4285.740	2878.667

Sample Name: ICSAB Acquired: 5/17/2017 12:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) 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	.1120112	.1136105	.0544761	.0351776	.6195206	262.7533
Stddev	.0027572	.0023438	.0018528	.0053617	.0022225	.2512
%RSD	2.461519	2.063006	3.401064	15.24192	.3587424	.0956126

#1	.1150576	.1109064	.0524083	.0408744	.6208242	262.6325
#2	.1112889	.1148670	.0559853	.0344289	.6207831	263.0421
#3	.1096871	.1150581	.0550348	.0302296	.6169544	262.5854

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5368274	.5388401	1.036762	255.4909	.5927347	.5230238
Stddev	.0025326	.0016620	.000612	1.8128	.0043327	.0003235
%RSD	.4717650	.3084328	.0590743	.7095358	.7309635	.0618599

#1	.5361216	.5405137	1.036223	253.4206	.5972053	.5226558
#2	.5396380	.5388165	1.037428	256.2584	.5885545	.5232639
#3	.5347226	.5371900	1.036635	256.7938	.5924445	.5231516

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5695865	113.5060	.5599749	265.6111	1.042121	.2100662
Stddev	.0074152	.5500	.0043942	1.9056	.000983	.0006987
%RSD	1.301853	.4845874	.7847218	.7174251	.0943563	.3326083

#1	.5650580	112.8787	.5552057	263.4745	1.042099	.2092635
#2	.5781440	113.7339	.5608593	267.1346	1.043116	.2103972
#3	.5655576	113.9055	.5638597	266.2243	1.041150	.2105379

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6537555	.5559510	1.052536	-.269823	.1647438	F .3487243
Stddev	.0913666	.0076066	.018974	.020112	.0040686	.0030255
%RSD	13.97565	1.368213	1.802706	7.453680	2.469666	.8675793

#1	.6412544	.5631959	1.031563	-.260519	.1609540	.3482024
#2	.7507290	.5566288	1.057537	-.292902	.1690432	.3519767
#3	.5692831	.5480281	1.068509	-.256048	.1642341	.3459937

Sample Name: ICSAB Acquired: 5/17/2017 12:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5811195	.8602619	.5799451	F .5685382	.6013881	.2974504
Stddev	.0016102	.0126303	.0018671	.0021913	.0003370	.0026847
%RSD	.2770919	1.468189	.3219419	.3854336	.0560307	.9025650
#1	.5822272	.8737435	.5787347	.5667087	.6011308	.3002149
#2	.5818590	.8487036	.5820953	.5709667	.6012639	.2972831
#3	.5792724	.8583385	.5790051	.5679391	.6017695	.2948533

Elem	Sr4077
Units	ppm
Avg	.3941610
Stddev	.0012792
%RSD	.3245337
#1	.3947938
#2	.3950004
#3	.3926887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.609	2333.899	48205.08	4216.717	2809.388
Stddev	7.949	9.665	62.76	15.469	9.292
%RSD	.5149345	.4141310	.1302037	.3668487	.3307313
#1	1551.824	2323.587	48184.15	4219.422	2798.862
#2	1535.957	2335.358	48275.63	4200.074	2812.851
#3	1543.047	2342.752	48155.45	4230.655	2816.450

Sample Name: CCV020 Acquired: 5/17/2017 12:20:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.262235	5.033313	25.94883	5.129740	5.219107	381.1141	10.41861
Stddev	.015190	.011090	.05717	.025623	.019790	4.5634	.12305
%RSD	.2886656	.2203264	.2203223	.4994983	.3791828	1.197377	1.181031

#1	5.278760	5.039889	26.00706	5.153216	5.224559	385.6810	10.54412
#2	5.259064	5.020510	25.89278	5.133596	5.235599	376.5543	10.29818
#3	5.248880	5.039542	25.94664	5.102407	5.197162	381.1071	10.41355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5295857	2.597656	403.5799	15.88061	2.601596	15.90256	411.4409
Stddev	.0059604	.004851	4.6177	.03764	.003819	.20542	4.8509
%RSD	1.125481	.1867339	1.144181	.2370354	.1468123	1.291737	1.179014

#1	.5354551	2.602735	408.4066	15.90636	2.605951	16.11068	416.4809
#2	.5235383	2.593072	399.2043	15.89806	2.600027	15.69995	406.8041
#3	.5297636	2.597160	403.1288	15.83740	2.598812	15.89706	411.0377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15012	403.1739	2.581649	1.340051	410.5788	2.594218	16.11043
Stddev	.18479	4.1835	.005814	.002041	4.7798	.027813	.05637
%RSD	1.219729	1.037640	.2251986	.1523323	1.164168	1.072120	.3498782

#1	15.34551	407.6421	2.588178	1.342394	415.4868	2.619058	16.15085
#2	14.97817	399.3498	2.579737	1.338656	405.9384	2.564169	16.04604
#3	15.12667	402.5298	2.577032	1.339104	410.3111	2.599427	16.13441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	164.1483	5.311349	4.528028	5.142018	4.615783	5.331774	5.152866
Stddev	2.2513	.019332	.039378	.012078	.037871	.057256	.010320
%RSD	1.371509	.3639714	.8696506	.2348905	.8204680	1.073862	.2002681

#1	166.4101	5.289215	4.571481	5.148229	4.581758	5.385525	5.163021
#2	161.9076	5.324920	4.494703	5.149728	4.609006	5.271561	5.142389
#3	164.1272	5.319913	4.517901	5.128099	4.656585	5.338235	5.153190

Sample Name: CCV020 Acquired: 5/17/2017 12:20:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.279477	5.407304	5.368580
Stddev	.057933	.067265	.066006
%RSD	1.097334	1.243961	1.229488

#1	5.341990	5.473463	5.434443
#2	5.227596	5.338986	5.302432
#3	5.268844	5.409462	5.368867

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.290	2119.360	45480.02	4096.551	2420.695
Stddev	7.464	12.776	161.37	46.541	11.576
%RSD	.5270085	.6028239	.3548192	1.136109	.4782208

#1	1407.893	2110.937	45296.39	4048.274	2409.972
#2	1418.805	2113.082	45544.43	4141.137	2419.143
#3	1422.172	2134.060	45599.24	4100.242	2432.968

Sample Name: CCB020 Acquired: 5/17/2017 12:23:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	.0018929	.0001500	.0021911	-.000341	.0085597	-.002056
Stddev	.001615	.0011348	.0009685	.0006656	.000870	.0037678	.000175
%RSD	1353.317	59.95124	645.4948	30.37512	254.7604	44.01791	8.529824

#1	.000061	.0006239	.0012498	.0014228	-.000966	.0058230	-.002173
#2	-.001817	.0022443	-.000576	.0025607	-.000710	.0128570	-.002140
#3	.001398	.0028104	-.000224	.0025898	.000652	.0069989	-.001854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000018	-.000093	-.009380	-.000367	.0001037	-.000833	.0036497
Stddev	.0000448	.000058	.013382	.000328	.0000657	.000893	.0015702
%RSD	2551.935	62.54179	142.6556	89.44384	63.38890	107.2212	43.02244

#1	.0000509	-.000026	-.001469	-.000629	.0000441	-.000003	.0044275
#2	-.000009	-.000133	-.024831	-.000474	.0000928	-.001778	.0046791
#3	-.000037	-.000121	-.001841	.000001	.0001742	-.000717	.0018424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007205	.0389644	.0002713	.0004460	.0915460	-.001262	.0125076
Stddev	.0002516	.0273696	.0003481	.0002412	.1888276	.000454	.0089683
%RSD	34.91259	70.24264	128.2781	54.08357	206.2654	35.99234	71.70253

#1	.0007270	.0242418	.0005590	.0001679	-.125799	-.000747	.0176694
#2	.0009687	.0221073	.0003706	.0005988	.185165	-.001434	.0021520
#3	.0004658	.0705440	-.000116	.0005713	.215272	-.001605	.0177015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254544	.0012888	.0046587	.0004196	-.034125	-.002160	-.000360
Stddev	.0662583	.0004324	.0003595	.0001356	.000431	.000278	.000563
%RSD	260.3020	33.54941	7.716521	32.31772	1.263093	12.86208	156.3956

#1	.0728112	.0017470	.0043109	.0005283	-.033926	-.002165	-.000834
#2	-.050264	.0008881	.0046362	.0004628	-.034619	-.002435	-.000508
#3	.053816	.0012311	.0050289	.0002676	-.033829	-.001880	.000262

Sample Name: CCB020 Acquired: 5/17/2017 12:23:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000811	.0002655	.0000742
Stddev	.0012783	.0000154	.0000342
%RSD	1576.075	5.780024	46.12857

#1	-.001381	.0002680	.0000584
#2	.000987	.0002491	.0001135
#3	.000638	.0002794	.0000507

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.558	2635.478	54804.19	4429.347	3755.915
Stddev	7.213	2.572	44.38	7.433	5.125
%RSD	.4076242	.0975727	.0809839	.1678044	.1364543

#1	1761.667	2632.579	54819.33	4422.784	3754.577
#2	1771.195	2637.485	54754.22	4427.840	3761.577
#3	1775.812	2636.368	54839.02	4437.418	3751.592

Sample Name: PB98898BL Acquired: 5/17/2017 12:28:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005226	.0004856	.0005675	.0008069	-.000282	.0019203	-.002644
Stddev	.0006817	.0012787	.0005466	.0012257	.000121	.0041985	.000050
%RSD	130.4276	263.3293	96.30565	151.8959	42.97383	218.6372	1.892473

#1	-.000199	.0019510	.0008467	.0005395	-.000156	-.001566	-.002662
#2	.001156	-.000403	.0009182	.0021442	-.000293	.000746	-.002683
#3	.000610	-.000091	-.000062	-.000263	-.000398	.006581	-.002588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	-.000073	-.000596	-.000202	-.000073	.0023546	.0009351
Stddev	.000085	.000032	.008095	.000076	.000184	.0010242	.0036509
%RSD	192.6506	42.93189	1358.696	37.85404	251.0387	43.49650	390.4306

#1	-.000119	-.000049	.008743	-.000114	.000074	.0032872	-.002497
#2	.000048	-.000109	-.005613	-.000234	-.000015	.0025182	.000531
#3	-.000062	-.000062	-.004917	-.000256	-.000279	.0012585	.004771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000225	.0739265	.0000989	.0002660	.0238892	-.004038	.0048187
Stddev	.000918	.0134163	.0001395	.0001147	.2227455	.003605	.0150977
%RSD	408.6767	18.14814	141.0032	43.13329	932.4109	89.28512	313.3130

#1	-.000457	.0596400	.0000921	.0003489	-.000288	-.000650	.0161003
#2	.000787	.0862580	-.000037	.0003140	.257737	-.007827	.0106883
#3	-.001004	.0758814	.000242	.0001350	-.185781	-.003637	-.012332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079738	-.000035	.0004588	.0000115	-.034026	-.002127	.0000945
Stddev	.0432039	.000808	.0005900	.0000845	.005396	.000574	.0005885
%RSD	541.8254	2307.362	128.6173	731.8650	15.85764	26.99698	622.6587

#1	-.041797	.000742	-.000220	-.000073	-.032078	-.002502	.0006969
#2	.029906	-.000870	.000749	.000012	-.040126	-.002412	.0000658
#3	.035813	.000023	.000847	.000096	-.029876	-.001466	-.000479

Sample Name: PB98898BL Acquired: 5/17/2017 12:28:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000138	-.000913	-.000023
Stddev	.000566	.000401	.000005
%RSD	410.6351	43.88187	23.51403

#1	-.000545	-.001118	-.000027
#2	-.000378	-.001171	-.000017
#3	.000509	-.000452	-.000025

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.608	2635.314	54771.00	4420.414	3747.326
Stddev	5.374	7.613	125.63	13.628	8.968
%RSD	.3045305	.2888818	.2293645	.3082870	.2393260

#1	1758.893	2628.766	54646.01	4425.358	3740.655
#2	1769.558	2643.668	54897.25	4430.879	3757.521
#3	1765.373	2633.509	54769.76	4405.004	3743.802

Sample Name: PB98898BS Acquired: 5/17/2017 12:32:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181233	.0527769	.0224487	.0712716	.1162300	.4131970
Stddev	.0026408	.0011108	.0011755	.0015164	.0022336	.0036049
%RSD	14.57152	2.104743	5.236255	2.127658	1.921752	.8724334

#1	.0211723	.0533329	.0215451	.0695263	.1170312	.4090637
#2	.0165565	.0534999	.0237776	.0720213	.1137062	.4148369
#3	.0166412	.0514979	.0220233	.0722671	.1179525	.4156904

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4000651	.0101208	.0095410	9.847374	.0228427	.0934518
Stddev	.0008498	.0000871	.0000257	.043107	.0004679	.0002556
%RSD	.2124214	.8609595	.2694458	.4377484	2.048151	.2734948

#1	.3991108	.0100348	.0095585	9.805973	.0228898	.0936977
#2	.4003447	.0102090	.0095115	9.892005	.0232852	.0931875
#3	.4007400	.0101186	.0095531	9.844145	.0223531	.0934701

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514905	.2578437	.0345924	9.564281	.0760646	.0193650
Stddev	.0013792	.0065058	.0002855	.036374	.0000815	.0003446
%RSD	2.678517	2.523140	.8254456	.3803117	.1071692	1.779473

#1	.0518882	.2508995	.0346975	9.524352	.0761266	.0196683
#2	.0499561	.2637974	.0348106	9.572961	.0759723	.0194365
#3	.0526270	.2588342	.0342693	9.595530	.0760951	.0189903

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17766	.1057437	.1228458	8.751206	F .0312870	F .0195364
Stddev	.20208	.0010181	.0130391	.050678	.0010388	.0009936
%RSD	1.985505	.9627942	10.61424	.5790995	3.320094	5.086033

#1	10.40044	.1045750	.1367425	8.697987	.0308017	.0186305
#2	10.12637	.1064387	.1209156	8.756743	.0305797	.0205991
#3	10.00617	.1062173	.1108794	8.798888	.0324796	.0193796

Sample Name: PB98898BS Acquired: 5/17/2017 12:32:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218976	.4513890	.2036024	F .0172640	.2095877	.0927795
Stddev	.0001107	.0070963	.0021300	.0003391	.0011846	.0005649
%RSD	.5055795	1.572112	1.046151	1.964411	.5651995	.6088640
#1	.0217810	.4466347	.2060302	.0169671	.2082805	.0930553
#2	.0219106	.4479864	.2027292	.0171912	.2105901	.0931536
#3	.0220013	.4595459	.2020478	.0176336	.2098925	.0921297

Elem	Sr4077
Units	ppm
Avg	.2139678
Stddev	.0007920
%RSD	.3701521
#1	.2130594
#2	.2143298
#3	.2145140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.410	2556.691	54442.00	4510.780	3548.881
Stddev	3.101	7.798	154.64	5.973	3.003
%RSD	.1794907	.3049875	.2840410	.1324175	.0846304
#1	1726.094	2558.189	54388.81	4509.738	3546.028
#2	1730.952	2563.632	54320.98	4505.396	3552.015
#3	1725.185	2548.254	54616.21	4517.205	3548.600

Sample Name: I3077-01 Acquired: 5/17/2017 12:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346496	-.021884	7.977775	-.038596	.0019080	18.59832	10.58258
Stddev	.0019422	.000787	.019995	.002651	.0008735	.09202	.05067
%RSD	5.605136	3.597318	.2506360	6.868448	45.78034	.4947541	.4788278

#1	.0354708	-.021987	7.969629	-.037629	.0027308	18.67591	10.60421
#2	.0360463	-.022615	7.963138	-.036564	.0020018	18.62239	10.61886
#3	.0324318	-.021051	8.000557	-.041595	.0009914	18.49666	10.52469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062439	.0449838	648.3676	.0624785	.1015910	.2448894	181.4117
Stddev	.0000708	.0000943	.6163	.0009065	.0001133	.0017147	.1659
%RSD	1.133358	.2095455	.0950540	1.450916	.1114994	.7001824	.0914435

#1	.0061726	.0450241	649.0016	.0616650	.1016640	.2468418	181.4447
#2	.0062450	.0448761	648.3306	.0634557	.1014605	.2441985	181.5586
#3	.0063141	.0450513	647.7706	.0623150	.1016484	.2436280	181.2318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.24226	328.4093	.0920993	-.000708	1.733064	.0791264	2.696987
Stddev	.01668	.4306	.0004780	.000234	.042983	.0028329	.021268
%RSD	.0914498	.1311075	.5190349	33.00840	2.480186	3.580214	.7886019

#1	18.23035	328.3238	.0916760	-.000486	1.773829	.0774895	2.702262
#2	18.26132	328.8763	.0920042	-.000952	1.737202	.0774921	2.715122
#3	18.23510	328.0280	.0926178	-.000686	1.688162	.0823975	2.673578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.276708	2.610306	-.480562	-.001038	17.18924	7.387097	.0105003
Stddev	.030099	.017086	.001267	.000032	.06351	.017047	.0002301
%RSD	2.357550	.6545504	.2636345	3.094996	.3694783	.2307701	2.191736

#1	1.242906	2.600776	-.481137	-.001036	17.16672	7.391022	.0107626
#2	1.300611	2.600112	-.481438	-.001071	17.14005	7.368429	.0103322
#3	1.286607	2.630032	-.479109	-.001007	17.26094	7.401838	.0104062

Sample Name: I3077-01 Acquired: 5/17/2017 12:36:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3801986	.0200124	.2395926
Stddev	.0022594	.0008608	.0008459
%RSD	.5942709	4.301421	.3530713

#1	.3817324	.0190534	.2403049
#2	.3812595	.0202654	.2398153
#3	.3776040	.0207183	.2386576

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.840	2368.863	50648.56	4520.929	2674.873
Stddev	10.390	2.637	28.24	4.462	1.190
%RSD	.6530971	.1113167	.0557566	.0986983	.0444824

#1	1579.729	2369.034	50628.00	4525.948	2674.353
#2	1592.477	2366.145	50680.76	4519.429	2676.235
#3	1600.315	2371.411	50636.93	4517.410	2674.033

Sample Name: I3077-02 Acquired: 5/17/2017 12:40:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510753	-.021089	13.05882	-.039541	.0028778	29.09401	3.900027
Stddev	.0034884	.003139	.05395	.001872	.0016591	.06896	.007005
%RSD	6.829889	14.88478	.4131502	4.733421	57.65112	.2370164	.1796224

#1	.0477532	-.017565	13.12032	-.040484	.0034543	29.16659	3.898030
#2	.0547090	-.022115	13.01944	-.037386	.0010073	29.08607	3.894236
#3	.0507635	-.023586	13.03670	-.040754	.0041716	29.02936	3.907813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072421	.0695159	484.9028	.0849374	.1926634	.3592174	188.5576
Stddev	.0001141	.0004473	.9592	.0011135	.0006055	.0020070	1.2712
%RSD	1.575358	.6434625	.1978106	1.310933	.3142748	.5587017	.6741547

#1	.0073266	.0700242	485.8321	.0837129	.1932845	.3570699	189.2545
#2	.0072875	.0691824	484.9599	.0852103	.1920748	.3595368	189.3279
#3	.0071123	.0693410	483.9163	.0858892	.1926310	.3610455	187.0904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.55872	238.6069	.1674269	.0000094	1.653575	.1299682	4.107339
Stddev	.05271	.5502	.0007047	.0005714	.055191	.0039582	.037959
%RSD	.3183139	.2305741	.4209126	6078.510	3.337656	3.045499	.9241675

#1	16.60297	239.1551	.1678130	-.000641	1.607983	.1313963	4.132887
#2	16.57279	238.6107	.1678543	.000431	1.637809	.1254941	4.063721
#3	16.50041	238.0548	.1666136	.000238	1.714933	.1330141	4.125407

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.568888	3.934200	-.488098	-.000402	19.87296	10.41931	.0070975
Stddev	.013357	.034809	.003114	.000342	.12965	.04661	.0010653
%RSD	.5199506	.8847685	.6380207	85.01442	.6524008	.4473451	15.00980

#1	2.580377	3.973818	-.485160	-.000148	19.97414	10.43294	.0081169
#2	2.554233	3.908522	-.491362	-.000791	19.72681	10.45759	.0059915
#3	2.572056	3.920260	-.487771	-.000268	19.91792	10.36740	.0071842

Sample Name: I3077-02 Acquired: 5/17/2017 12:40:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0Q9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5313460	.0226184	.1807059
Stddev	.0021371	.0012016	.0003821
%RSD	.4022026	5.312584	.2114669

#1	.5322402	.0239750	.1810582
#2	.5328907	.0216877	.1807597
#3	.5289070	.0221925	.1802996

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.145	2466.150	53258.35	4717.952	2748.625
Stddev	4.165	3.064	88.63	24.755	8.841
%RSD	.2507429	.1242435	.1664194	.5247054	.3216631

#1	1656.387	2462.615	53156.31	4695.470	2738.427
#2	1662.914	2468.039	53316.19	4713.904	2754.129
#3	1664.134	2467.796	53302.56	4744.482	2753.320

Sample Name: I3077-03 Acquired: 5/17/2017 12:44:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0411277	-.024056	9.473425	-.044410	.0028261	23.16996	5.057822
Stddev	.0041002	.000676	.079535	.000677	.0015175	.17702	.048566
%RSD	9.969376	2.808508	.8395545	1.523762	53.69485	.7639899	.9602225

#1	.0373805	-.023964	9.400532	-.043633	.0024053	22.97808	5.010389
#2	.0404952	-.023431	9.461491	-.044871	.0015635	23.20488	5.055630
#3	.0455073	-.024773	9.558253	-.044725	.0045096	23.32691	5.107447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069331	.0519874	668.5183	.0699961	.1412016	.2608270	193.9767
Stddev	.0002120	.0002674	5.4242	.0007745	.0014258	.0018927	1.7567
%RSD	3.057421	.5144209	.8113827	1.106464	1.009774	.7256385	.9056009

#1	.0068773	.0517901	662.7006	.0708297	.1409804	.2598897	192.2967
#2	.0067545	.0518803	669.4178	.0692988	.1398992	.2595858	193.8322
#3	.0071674	.0522918	673.4366	.0698598	.1427250	.2630054	195.8011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.05318	339.9150	.1182680	-.000876	1.816994	.0954232	3.286337
Stddev	.11559	3.0418	.0014400	.000257	.172377	.0080185	.025986
%RSD	.6066602	.8948605	1.217569	29.32097	9.486944	8.403059	.7907376

#1	18.93865	336.7604	.1166427	-.001169	2.013321	.0865726	3.314457
#2	19.05110	340.1549	.1187766	-.000768	1.690447	.0974934	3.263209
#3	19.16980	342.8298	.1193847	-.000690	1.747212	.1022035	3.281343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049773	3.067297	-.511232	-.000988	15.68138	8.538671	.0054678
Stddev	.031143	.001993	.004257	.000430	.12419	.080834	.0021463
%RSD	1.519362	.0649780	.8327118	43.51620	.7919304	.9466787	39.25298

#1	2.013919	3.065053	-.506763	-.001400	15.57176	8.465201	.0060387
#2	2.065299	3.067976	-.511691	-.000542	15.65613	8.525549	.0030938
#3	2.070102	3.068862	-.515240	-.001024	15.81625	8.625263	.0072709

Sample Name: I3077-03 Acquired: 5/17/2017 12:44:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4239110	.0228751	.2147772
Stddev	.0051774	.0001278	.0016999
%RSD	1.221333	.5588135	.7914826

#1	.4179327	.0229853	.2133157
#2	.4269234	.0229051	.2143733
#3	.4268768	.0227350	.2166428

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.647	2384.555	51444.76	4622.460	2661.678
Stddev	10.014	.725	193.23	32.971	7.057
%RSD	.6252004	.0304227	.3755990	.7132817	.2651445

#1	1602.946	2384.411	51333.56	4649.617	2666.286
#2	1610.948	2385.341	51667.88	4631.989	2665.194
#3	1591.047	2383.912	51332.85	4585.773	2653.553

Sample Name: I3077-04 Acquired: 5/17/2017 12:48:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642386	-.027641	23.68399	-.046757	.0040924	70.31669	7.016358
Stddev	.0035019	.000324	.02444	.000349	.0013881	.23602	.022595
%RSD	5.451389	1.172445	.1032044	.7461790	33.92013	.3356551	.3220261

#1	.0678042	-.027376	23.70727	-.047036	.0055297	70.04421	7.001253
#2	.0608041	-.028002	23.68617	-.046869	.0027593	70.44821	7.005488
#3	.0641076	-.027546	23.65853	-.046366	.0039881	70.45765	7.042333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100195	.1243255	479.8563	.0969859	.2765647	.7170014	228.1404
Stddev	.0000995	.0001416	.2561	.0005152	.0006255	.0029961	.6809
%RSD	.9926873	.1139052	.0533754	.5311820	.2261663	.4178702	.2984555

#1	.0099425	.1241621	479.5819	.0974870	.2765268	.7136451	227.3555
#2	.0101318	.1244103	480.0891	.0964577	.2759590	.7179531	228.4932
#3	.0099842	.1244042	479.8979	.0970130	.2772082	.7194061	228.5724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.43621	232.3304	.2754061	.0034563	2.008255	.1897139	7.237249
Stddev	.02558	.3482	.0003386	.0001626	.099409	.0035161	.082357
%RSD	.1193325	.1498666	.1229498	4.705123	4.950016	1.853341	1.137960

#1	21.44062	232.1101	.2752574	.0033221	1.908472	.1885621	7.315541
#2	21.45931	232.7319	.2751673	.0036371	2.009007	.1936614	7.151355
#3	21.40872	232.1493	.2757936	.0034096	2.107286	.1869183	7.244850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.068172	4.992849	-.604006	-.000089	20.23199	5.953407	.0116337
Stddev	.009231	.007345	.001271	.000548	.04148	.025587	.0009123
%RSD	.1521297	.1471064	.2104388	615.8015	.2050330	.4297924	7.842076

#1	6.061233	4.987384	-.604857	-.000047	20.27956	5.948114	.0125835
#2	6.064634	4.989964	-.604615	.000437	20.21307	5.981227	.0115535
#3	6.078649	5.001198	-.602545	-.000656	20.20335	5.930880	.0107641

Sample Name: I3077-04 Acquired: 5/17/2017 12:48:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6285356	.0496873	.2038880
Stddev	.0039479	.0006283	.0007158
%RSD	.6281056	1.264512	.3510547

#1	.6252175	.0489642	.2031844
#2	.6329017	.0499981	.2038642
#3	.6274875	.0500996	.2046154

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.378	2594.056	55824.64	4967.875	2716.758
Stddev	11.565	1.912	128.35	13.645	2.570
%RSD	.6664488	.0737155	.2299207	.2746568	.0945931

#1	1722.882	2592.405	55676.86	4966.767	2714.224
#2	1745.707	2596.151	55908.35	4954.819	2719.362
#3	1737.545	2593.612	55888.70	4982.040	2716.689

Sample Name: I3077-05 Acquired: 5/17/2017 12:52:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0592589	-.030774	21.14026	-.056602	.0039122	54.89793	6.091709
Stddev	.0035391	.001262	.19048	.005464	.0008300	.32654	.024206
%RSD	5.972279	4.101600	.9010526	9.653875	21.21509	.5948156	.3973653

#1	.0573731	-.032114	21.03959	-.053095	.0036229	55.19445	6.114050
#2	.0570620	-.030600	21.02124	-.062898	.0048480	54.54796	6.065992
#3	.0633415	-.029607	21.35996	-.053814	.0032655	54.95138	6.095085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100806	.1160711	720.3591	.0795795	.2476038	.6706975	241.1912
Stddev	.0001453	.0013156	3.0073	.0009368	.0017071	.0055917	1.5126
%RSD	1.441125	1.133465	.4174757	1.177210	.6894683	.8337086	.6271452

#1	.0101861	.1150336	723.5121	.0805965	.2460270	.6770954	242.4449
#2	.0099149	.1156289	717.5224	.0793900	.2473676	.6667459	239.5112
#3	.0101407	.1175509	720.0427	.0787518	.2494167	.6682511	241.6175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.74453	361.5095	.2375624	.0026290	2.206504	.1469283	6.003295
Stddev	.11165	1.0189	.0026630	.0002576	.166979	.0040250	.072991
%RSD	.4512275	.2818348	1.120958	9.797757	7.567598	2.739463	1.215847

#1	24.86714	362.3273	.2357826	.0028264	2.094969	.1423868	6.087404
#2	24.64870	360.3682	.2362808	.0027230	2.398478	.1483439	5.956551
#3	24.71776	361.8329	.2406239	.0023377	2.126067	.1500544	5.965931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887251	4.957512	-.643685	-.000890	19.98614	6.322795	.0095531
Stddev	.011930	.036178	.003093	.000249	.16088	.032562	.0010607
%RSD	.2441059	.7297622	.4805783	27.98117	.8049479	.5149954	11.10363

#1	4.898510	4.955449	-.645027	-.000605	19.91739	6.346842	.0107170
#2	4.888495	4.922410	-.640148	-.001064	19.87106	6.285740	.0086407
#3	4.874748	4.994678	-.645881	-.001002	20.16997	6.335803	.0093017

Sample Name: I3077-05 Acquired: 5/17/2017 12:52:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5431605	.0451768	.2489817
Stddev	.0024409	.0008666	.0017839
%RSD	.4493965	1.918305	.7164890

#1	.5443943	.0460133	.2507547
#2	.5403490	.0442829	.2471871
#3	.5447383	.0452342	.2490033

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.704	2495.234	54150.55	4863.497	2566.573
Stddev	5.637	19.739	243.62	26.118	18.542
%RSD	.3348088	.7910653	.4498898	.5370289	.7224545

#1	1677.387	2499.347	53909.38	4837.729	2573.150
#2	1688.222	2512.592	54396.55	4889.952	2580.930
#3	1685.503	2473.763	54145.72	4862.809	2545.639

Sample Name: I3077-06 Acquired: 5/17/2017 12:56:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795724	-.029183	34.49230	-.053846	.0044647	87.21461	10.10210
Stddev	.0006228	.002955	.07272	.002938	.0006556	.09734	.02763
%RSD	.7826151	10.12520	.2108414	5.455888	14.68463	.1116092	.2735400

#1	.0799075	-.031086	34.56458	-.053057	.0041844	87.13804	10.08283
#2	.0799558	-.025779	34.49319	-.057098	.0052139	87.18164	10.08971
#3	.0788539	-.030684	34.41914	-.051383	.0039958	87.32415	10.13376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110017	.1578690	443.4760	.1069568	.3694672	.9630165	249.4761
Stddev	.0000773	.0002453	1.0568	.0003312	.0007572	.0033759	.3051
%RSD	.7022675	.1553753	.2382996	.3096699	.2049386	.3505553	.1223128

#1	.0109690	.1576040	443.8729	.1073215	.3686427	.9629275	249.4938
#2	.0109462	.1580881	444.2769	.1068739	.3701314	.9596859	249.7721
#3	.0110900	.1579149	442.2782	.1066748	.3696275	.9664360	249.1626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.50638	210.7085	.3520131	.0056072	1.992338	.2241808	8.664252
Stddev	.03338	.1689	.0006671	.0001420	.057268	.0025974	.097363
%RSD	.1362297	.0801692	.1895224	2.532148	2.874424	1.158600	1.123729

#1	24.49437	210.8547	.3526672	.0057711	2.057077	.2253255	8.771898
#2	24.54410	210.5236	.3513337	.0055223	1.948292	.2260093	8.638511
#3	24.48066	210.7473	.3520383	.0055282	1.971647	.2212078	8.582346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.848247	5.858244	-.661410	.0000239	24.56305	4.918785	.0170719
Stddev	.021060	.001188	.001789	.0004655	.02668	.015332	.0013486
%RSD	.2683352	.0202773	.2704182	1945.943	.1086283	.3117100	7.899389

#1	7.828299	5.859297	-.663199	-.000144	24.58189	4.922902	.0156283
#2	7.870266	5.858478	-.661408	.000550	24.53252	4.931639	.0172880
#3	7.846176	5.856956	-.659622	-.000334	24.57474	4.901815	.0182993

Sample Name: I3077-06 Acquired: 5/17/2017 12:56:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6765403	.0603104	.2241257
Stddev	.0027176	.0004085	.0008669
%RSD	.4016890	.6773531	.3867864

#1	.6776571	.0604423	.2236703
#2	.6785216	.0598523	.2235813
#3	.6734423	.0606367	.2251253

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.214	2635.710	56789.48	5055.499	2699.978
Stddev	7.342	10.645	45.63	21.920	10.892
%RSD	.4170943	.4038947	.0803444	.4335861	.4033927

#1	1752.943	2624.157	56833.89	5039.413	2688.174
#2	1760.073	2637.851	56742.73	5046.618	2702.120
#3	1767.625	2645.123	56791.82	5080.466	2709.639

Sample Name: I3077-07 Acquired: 5/17/2017 13:00:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737486	-.024536	32.65147	-.047287	.0036636	79.14258	9.088262
Stddev	.0050372	.001279	.06228	.001948	.0027244	.63634	.117481
%RSD	6.830198	5.213674	.1907475	4.118493	74.36321	.8040448	1.292672

#1	.0772261	-.024169	32.68272	-.046688	.0049508	78.61576	9.033363
#2	.0760477	-.025959	32.57974	-.049464	.0055058	79.84959	9.223143
#3	.0679721	-.023481	32.69193	-.045709	.0005341	78.96240	9.008281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104835	.1488387	421.7256	.0982709	.3473288	.8943112	236.9829
Stddev	.0000946	.0006574	3.6576	.0007801	.0009570	.0176631	1.1247
%RSD	.9027645	.4416528	.8672943	.7938158	.2755214	1.975050	.4745809

#1	.0103798	.1495836	418.6446	.0986481	.3484319	.8853633	235.7560
#2	.0105057	.1483400	425.7678	.0973739	.3467207	.9146576	237.9651
#3	.0105651	.1485926	420.7644	.0987907	.3468338	.8829126	237.2275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.32813	199.5430	.3281703	.0061211	1.903523	.2021377	8.139071
Stddev	.21021	1.5196	.0013085	.0002964	.066011	.0015390	.020017
%RSD	.9010869	.7615245	.3987191	4.841474	3.467851	.7613500	.2459358

#1	23.15146	198.3795	.3296149	.0060064	1.909356	.2017770	8.161497
#2	23.56061	201.2622	.3270647	.0064577	1.966424	.2038250	8.132704
#3	23.27233	198.9872	.3278314	.0058993	1.834788	.2008111	8.123012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.043565	5.486241	-.639529	-.000142	22.83710	5.316544	.0178940
Stddev	.054922	.007067	.005231	.000467	.00639	.042865	.0019064
%RSD	.7797471	.1288056	.8179291	328.8877	.0279838	.8062545	10.65382

#1	6.987448	5.489296	-.633577	-.000057	22.83899	5.268499	.0179049
#2	7.097208	5.478161	-.643394	-.000646	22.82998	5.350868	.0159822
#3	7.046039	5.491266	-.641617	.000277	22.84233	5.330266	.0197949

Sample Name: I3077-07 Acquired: 5/17/2017 13:00:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6161067	.0549125	.2077075
Stddev	.0050297	.0007796	.0017641
%RSD	.8163740	1.419642	.8493210

#1	.6144755	.0541500	.2065206
#2	.6217496	.0557081	.2097346
#3	.6120950	.0548794	.2068673

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.393	2639.927	56524.31	4976.465	2730.734
Stddev	8.424	9.205	134.02	28.525	5.812
%RSD	.4750158	.3486833	.2370966	.5732035	.2128298

#1	1769.438	2635.499	56532.37	5003.467	2725.153
#2	1767.675	2650.510	56386.45	4946.629	2736.752
#3	1783.067	2633.774	56654.12	4979.300	2730.297

Sample Name: I3077-08 Acquired: 5/17/2017 13:04:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588470	-.023901	18.65789	-.045471	.0033179	46.45973	4.037114
Stddev	.0022436	.003293	.04644	.003373	.0002321	.23734	.012112
%RSD	3.812544	13.77586	.2489013	7.416952	6.995393	.5108481	.3000082

#1	.0611919	-.020984	18.69591	-.045234	.0035801	46.47945	4.046575
#2	.0586285	-.027471	18.67162	-.042223	.0032351	46.21315	4.023464
#3	.0567208	-.023247	18.60613	-.048956	.0031386	46.68660	4.041304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084237	.0981340	513.5755	.0892953	.2203293	.5172419	210.5209
Stddev	.0001026	.0004277	2.2859	.0006405	.0009331	.0038139	1.5321
%RSD	1.217678	.4358575	.4450928	.7173005	.4235202	.7373454	.7277600

#1	.0085406	.0985809	512.7081	.0892028	.2204755	.5132837	210.1958
#2	.0083812	.0980926	511.8502	.0899770	.2211807	.5175494	209.1774
#3	.0083491	.0977284	516.1681	.0887061	.2193317	.5208928	212.1894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.60210	253.5342	.2147163	.0027736	1.691601	.1514775	5.365289
Stddev	.07695	1.2160	.0014305	.0003483	.076708	.0037387	.054300
%RSD	.3925406	.4796223	.6662259	12.55633	4.534612	2.468157	1.012068

#1	19.55768	253.4277	.2132842	.0027625	1.688801	.1517524	5.357308
#2	19.55768	252.3749	.2161452	.0024310	1.769671	.1476089	5.315420
#3	19.69095	254.8000	.2147197	.0031273	1.616332	.1550712	5.423138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.138679	4.163851	-.561817	-.000347	16.39807	10.33035	.0140468
Stddev	.032752	.014220	.001517	.000166	.06053	.03332	.0009816
%RSD	.7913523	.3415056	.2700169	47.88734	.3691223	.3225563	6.988230

#1	4.138183	4.178721	-.563088	-.000199	16.46701	10.34142	.0140105
#2	4.106178	4.162449	-.560138	-.000527	16.35361	10.29290	.0150460
#3	4.171675	4.150385	-.562226	-.000315	16.37360	10.35671	.0130838

Sample Name: I3077-08 Acquired: 5/17/2017 13:04:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5666858	.0337307	.1869061
Stddev	.0011968	.0001409	.0004382
%RSD	.2111938	.4175939	.2344644

#1	.5670610	.0335681	.1873912
#2	.5653464	.0338096	.1865389
#3	.5676501	.0338145	.1867880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.721	2512.294	53699.87	4746.391	2713.339
Stddev	4.257	5.715	74.65	31.044	6.021
%RSD	.2519628	.2274646	.1390049	.6540516	.2219138

#1	1691.986	2508.921	53777.16	4748.838	2707.058
#2	1692.367	2518.892	53694.26	4776.139	2713.899
#3	1684.810	2509.070	53628.19	4714.196	2719.061

Sample Name: I3077-09 Acquired: 5/17/2017 13:08:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596613	-.031169	21.86755	-.052109	.0050360	54.44676	6.002625
Stddev	.0045231	.002532	.08799	.001659	.0002997	.01797	.018064
%RSD	7.581353	8.124764	.4023877	3.183808	5.950484	.0329995	.3009332

#1	.0554445	-.033602	21.77658	-.053980	.0047274	54.46750	6.022709
#2	.0591008	-.028548	21.87384	-.050817	.0053259	54.43592	5.987706
#3	.0644385	-.031357	21.95222	-.051530	.0050547	54.43686	5.997459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100559	.1165350	729.3424	.0774701	.2594093	.7039426	240.3507
Stddev	.0001429	.0006189	2.6520	.0010929	.0008754	.0066297	.5898
%RSD	1.420985	.5311176	.3636111	1.410733	.3374643	.9417947	.2453806

#1	.0101972	.1158795	732.4043	.0775333	.2592391	.6963139	240.1450
#2	.0099115	.1166160	727.8495	.0763470	.2586315	.7072049	239.8913
#3	.0100591	.1171094	727.7734	.0785301	.2603574	.7083091	241.0157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.12196	364.2632	.2444536	.0033560	2.321694	.1418022	5.961377
Stddev	.09084	.8036	.0002802	.0002657	.154011	.0034729	.088603
%RSD	.3615988	.2206031	.1146326	7.918658	6.633571	2.449105	1.486276

#1	25.21407	365.1541	.2443385	.0036479	2.456154	.1405106	5.861722
#2	25.11937	363.5932	.2447730	.0032921	2.355260	.1457358	5.991149
#3	25.03244	364.0422	.2442493	.0031280	2.153668	.1391602	6.031258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.166989	5.331278	-.648780	-.000591	21.05238	8.403821	.0118445
Stddev	.018966	.042372	.001975	.000349	.08523	.037020	.0007197
%RSD	.3670577	.7947874	.3044617	58.99410	.4048333	.4405137	6.075990

#1	5.160232	5.291131	-.650970	-.000220	20.96604	8.445659	.0112907
#2	5.152326	5.327134	-.648238	-.000911	21.05464	8.375305	.0115849
#3	5.188407	5.375571	-.647132	-.000642	21.13645	8.390500	.0126580

Sample Name: I3077-09 Acquired: 5/17/2017 13:08:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5656795	.0436826	.2573803
Stddev	.0022375	.0003033	.0003771
%RSD	.3955467	.6942299	.1465353

#1	.5656032	.0433794	.2571984
#2	.5679542	.0439860	.2571285
#3	.5634811	.0436825	.2578139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.274	2500.358	53516.19	4774.404	2570.009
Stddev	11.011	7.325	54.94	9.859	5.827
%RSD	.6568794	.2929611	.1026623	.2065014	.2267432

#1	1687.998	2497.344	53579.57	4767.464	2571.961
#2	1674.671	2508.709	53482.04	4785.690	2574.609
#3	1666.152	2495.020	53486.97	4770.059	2563.456

Sample Name: I3077-10 Acquired: 5/17/2017 13:12:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774261	-.025755	30.60638	-.049469	.0042281	76.82985	7.188153
Stddev	.0032653	.001886	.10996	.001260	.0015984	.24755	.016370
%RSD	4.217321	7.323387	.3592763	2.547645	37.80383	.3222072	.2277290

#1	.0745247	-.026632	30.66947	-.050730	.0025929	77.08578	7.193260
#2	.0809621	-.027042	30.67026	-.049466	.0057869	76.59163	7.169839
#3	.0767914	-.023590	30.47941	-.048210	.0043045	76.81215	7.201361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102974	.1456753	456.8121	.1067370	.3353952	.8798466	233.5200
Stddev	.0001342	.0007176	3.0430	.0012294	.0002874	.0036567	1.8246
%RSD	1.303211	.4925732	.6661423	1.151790	.0856794	.4156124	.7813255

#1	.0104493	.1460390	457.0330	.1079190	.3356697	.8808333	235.4803
#2	.0101952	.1461381	453.6646	.1054651	.3354194	.8757977	231.8713
#3	.0102475	.1448487	459.7386	.1068270	.3350965	.8829087	233.2085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.19453	215.8625	.3306711	.0063817	1.799324	.1952061	7.698070
Stddev	.09850	.5444	.0021828	.0001553	.029358	.0051454	.030967
%RSD	.4246746	.2522007	.6601087	2.432660	1.631616	2.635900	.4022750

#1	23.17235	216.2643	.3330454	.0064560	1.770541	.1951292	7.667657
#2	23.10901	215.2429	.3302164	.0064859	1.829225	.2003896	7.729564
#3	23.30223	216.0804	.3287515	.0062033	1.798205	.1900996	7.696990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.491357	5.908086	-.627536	.0004891	23.16416	4.039600	.0130123
Stddev	.031298	.033463	.003269	.0002475	.20084	.031329	.0006055
%RSD	.4177918	.5663971	.5208728	50.60507	.8670184	.7755484	4.653203

#1	7.490747	5.921130	-.628290	.0002182	23.36640	4.066379	.0123295
#2	7.460368	5.933063	-.623956	.0007034	23.16134	4.005147	.0132235
#3	7.522956	5.870065	-.630361	.0005456	22.96475	4.047274	.0134840

Sample Name: I3077-10 Acquired: 5/17/2017 13:12:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5712457	.0525177	.2128542
Stddev	.0025700	.0011805	.0008798
%RSD	.4498980	2.247755	.4133248

#1	.5737480	.0522331	.2136292
#2	.5686129	.0515055	.2118979
#3	.5713763	.0538144	.2130355

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.783	2619.294	56169.25	4957.616	2699.792
Stddev	4.061	13.616	254.50	27.783	11.575
%RSD	.2306247	.5198219	.4530959	.5604157	.4287449

#1	1756.306	2605.689	55925.95	4931.262	2688.562
#2	1764.229	2619.273	56433.64	4986.637	2699.132
#3	1761.812	2632.920	56148.18	4954.948	2711.684

Sample Name: I3077-11 Acquired: 5/17/2017 13:16:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408923	-.023616	3.839836	-.042891	.0035518	8.192378	.3908510
Stddev	.0024917	.004386	.010364	.004301	.0017617	.006708	.0007193
%RSD	6.093407	18.57328	.2699059	10.02698	49.59904	.0818831	.1840316

#1	.0422198	-.022236	3.851528	-.039180	.0025801	8.191410	.3916533
#2	.0424392	-.020085	3.836196	-.047604	.0024901	8.199518	.3906360
#3	.0380179	-.028526	3.831783	-.041888	.0055854	8.186207	.3902638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059246	.0252886	590.7248	.0708081	.0733834	.0905669	191.8434
Stddev	.0001491	.0002446	.6578	.0009251	.0001503	.0034575	.1339
%RSD	2.517489	.9673178	.1113542	1.306446	.2047782	3.817600	.0698172

#1	.0057761	.0251502	590.7190	.0709531	.0735536	.0938637	191.8169
#2	.0059233	.0255711	590.0699	.0698191	.0732692	.0908686	191.7246
#3	.0060744	.0251447	591.3854	.0716521	.0733273	.0869685	191.9885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.98033	298.2619	.0729221	-.002095	1.749437	.0915733	1.525985
Stddev	.01553	.3949	.0003111	.000211	.142180	.0013904	.032545
%RSD	.0972035	.1324108	.4266579	10.05357	8.127184	1.518318	2.132723

#1	15.96813	298.6992	.0732800	-.002309	1.623161	.0928985	1.506053
#2	15.99782	297.9313	.0727701	-.001888	1.903437	.0916957	1.563541
#3	15.97505	298.1553	.0727163	-.002087	1.721712	.0901258	1.508361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1780967	1.798779	-.511967	-.000769	7.678146	2.377901	.0025763
Stddev	.0184266	.004226	.003531	.000407	.022736	.004896	.0016723
%RSD	10.34637	.2349625	.6897055	52.98105	.2961168	.2059155	64.90934

#1	.1568871	1.803040	-.511685	-.001124	7.684275	2.372904	.0007946
#2	.1901681	1.798709	-.515631	-.000324	7.652974	2.382691	.0041118
#3	.1872350	1.794588	-.508586	-.000858	7.697190	2.378107	.0028226

Sample Name: I3077-11 Acquired: 5/17/2017 13:16:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2377815	.0108664	.1506544
Stddev	.0011429	.0004772	.0003009
%RSD	.4806605	4.391678	.1997503

#1	.2391012	.0111799	.1509977
#2	.2371108	.0103172	.1504360
#3	.2371325	.0111021	.1505295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.093	2332.319	49999.23	4414.182	2721.174
Stddev	13.397	3.794	229.92	6.632	3.786
%RSD	.8537914	.1626914	.4598421	.1502434	.1391256

#1	1563.784	2332.136	49834.21	4413.346	2716.804
#2	1559.165	2336.202	49901.63	4408.007	2723.305
#3	1584.331	2328.620	50261.84	4421.192	2723.415

Sample Name: I3077-12 Acquired: 5/17/2017 13:20:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0412477	-.024479	3.813481	-.040604	.0027070	8.221834	.3930744
Stddev	.0006196	.000168	.003288	.002705	.0009383	.021617	.0013591
%RSD	1.502164	.6861355	.0862262	6.662577	34.66335	.2629164	.3457605

#1	.0406982	-.024432	3.812989	-.038747	.0036050	8.246794	.3946145
#2	.0411255	-.024340	3.810467	-.039357	.0027831	8.209570	.3920430
#3	.0419192	-.024666	3.816988	-.043708	.0017329	8.209140	.3925658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059952	.0249522	593.1694	.0710143	.0724396	.0916988	192.0120
Stddev	.0001506	.0002942	2.3448	.0003923	.0008194	.0023999	.6278
%RSD	2.511197	1.178948	.3953024	.5523903	1.131084	2.617151	.3269488

#1	.0060852	.0247688	595.8626	.0708978	.0729910	.0916370	192.4980
#2	.0058214	.0247964	591.5817	.0706935	.0714981	.0941290	191.3032
#3	.0060790	.0252915	592.0640	.0714516	.0728298	.0893304	192.2349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.00913	299.7370	.0724111	-.002006	1.689508	.0936276	1.541172
Stddev	.04855	.6373	.0005380	.000559	.058444	.0030717	.027600
%RSD	.3032511	.2126302	.7429280	27.86355	3.459223	3.280713	1.790868

#1	16.06028	300.3224	.0717924	-.001724	1.741498	.0966497	1.518154
#2	16.00342	299.8304	.0727682	-.001644	1.626251	.0937243	1.571770
#3	15.96369	299.0581	.0726728	-.002649	1.700776	.0905087	1.533590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1736929	1.785026	-.510006	-.000869	7.594475	2.378550	.0025389
Stddev	.0429720	.002391	.004710	.000397	.020483	.018884	.0013162
%RSD	24.74023	.1339680	.9235641	45.74300	.2697028	.7939421	51.84127

#1	.1390762	1.787776	-.514540	-.001147	7.572263	2.388991	.0014098
#2	.2217885	1.783434	-.510341	-.000414	7.612618	2.389908	.0039845
#3	.1602140	1.783868	-.505138	-.001046	7.598543	2.356750	.0022225

Sample Name: I3077-12 Acquired: 5/17/2017 13:20:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2394902	.0122936	.1512435
Stddev	.0015940	.0004586	.0006157
%RSD	.6655920	3.730684	.4070782

#1	.2404677	.0126434	.1519539
#2	.2376508	.0117743	.1508630
#3	.2403522	.0124631	.1509138

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1558.145	2347.026	49749.06	4410.758	2735.958
Stddev	10.002	7.576	159.84	24.600	7.017
%RSD	.6419345	.3227944	.3212986	.5577347	.2564758

#1	1569.134	2343.724	49892.07	4382.851	2736.142
#2	1555.730	2341.661	49576.50	4429.303	2728.851
#3	1549.571	2355.693	49778.60	4420.120	2742.881

Sample Name: I3077-13 Acquired: 5/17/2017 13:24:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1223685	.1048087	3.962703	.0537843	.1502416	12.69850	4.557268
Stddev	.0019703	.0010950	.006304	.0014314	.0019866	.03067	.012677
%RSD	1.610132	1.044778	.1590884	2.661388	1.322270	.2415057	.2781770

#1	.1219709	.1049070	3.959310	.0543072	.1504317	12.66469	4.549238
#2	.1245073	.1058513	3.958823	.0548808	.1481667	12.72453	4.550684
#3	.1206274	.1036679	3.969977	.0521650	.1521262	12.70628	4.571883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1037805	.1197686	587.6963	.4780460	1.071387	.5917668	189.7777
Stddev	.0004447	.0001957	1.4819	.0032742	.001492	.0020382	.1760
%RSD	.4285119	.1633549	.2521512	.6849173	.1392824	.3444257	.0927383

#1	.1034024	.1196385	587.8107	.4774357	1.072054	.5940680	189.9622
#2	.1036686	.1196737	586.1606	.4751198	1.072430	.5901888	189.7593
#3	.1042705	.1199936	589.1177	.4815824	1.069678	.5910435	189.6116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.98414	294.8872	1.058098	.0414634	1.790952	1.131593	3.036029
Stddev	.02119	.5777	.000464	.0000866	.049721	.011845	.051705
%RSD	.1247739	.1958974	.0438508	.2087469	2.776206	1.046783	1.703054

#1	16.99863	294.5132	1.058633	.0414257	1.808904	1.129508	3.077755
#2	16.95981	294.5959	1.057809	.0415624	1.734749	1.120928	2.978184
#3	16.99396	295.5526	1.057851	.0414021	1.829204	1.144342	3.052147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2780595	2.088671	-.511326	-.001351	7.645638	3.462147	.0028523
Stddev	.0508586	.004316	.002653	.000424	.036061	.001064	.0008843
%RSD	18.29055	.2066581	.5188020	31.34428	.4716521	.0307263	31.00206

#1	.3362166	2.083772	-.513939	-.001740	7.606310	3.460948	.0028194
#2	.2560458	2.091917	-.511405	-.001413	7.677149	3.462512	.0019850
#3	.2419161	2.090323	-.508635	-.000900	7.653456	3.462979	.0037526

Sample Name: I3077-13 Acquired: 5/17/2017 13:24:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2678731	.0116123	.1582490
Stddev	.0011297	.0008391	.0002954
%RSD	.4217355	7.225679	.1866429

#1	.2689072	.0110056	.1579341
#2	.2680447	.0112616	.1585198
#3	.2666674	.0125699	.1582931

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.292	2334.481	50252.66	4455.338	2718.968
Stddev	3.826	1.493	142.65	5.379	.317
%RSD	.2434882	.0639545	.2838698	.1207386	.0116539

#1	1567.060	2333.225	50407.26	4450.754	2718.603
#2	1572.309	2334.086	50224.59	4454.001	2719.180
#3	1574.506	2336.131	50126.12	4461.260	2719.120

Sample Name: I3077-11LX5 Acquired: 5/17/2017 13:28:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0R8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095347	-.004289	.7967337	-.006404	.0001079	1.691464	.0799212
Stddev	.0009799	.001154	.0031649	.002914	.0004654	.010274	.0001439
%RSD	10.27669	26.91913	.3972388	45.49935	431.1662	.6073924	.1799912

#1	.0104056	-.005606	.7971796	-.003864	.0003093	1.681705	.0800867
#2	.0084738	-.003807	.7933695	-.009585	-.000424	1.690502	.0798506
#3	.0097249	-.003453	.7996521	-.005763	.000439	1.702185	.0798262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013007	.0046635	123.6639	.0156107	.0138274	.0213310	42.19873
Stddev	.0001199	.0000345	.0759	.0001645	.0001284	.0020152	.23614
%RSD	9.221293	.7393804	.0613578	1.053956	.9282638	9.447411	.5595923

#1	.0012261	.0046844	123.5763	.0156392	.0137054	.0204096	41.94218
#2	.0012369	.0046237	123.7059	.0157592	.0138155	.0236422	42.40700
#3	.0014390	.0046823	123.7095	.0154338	.0139613	.0199412	42.24702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.510274	60.94319	.0147164	-.000104	.3924945	.0226389	.3156261
Stddev	.006903	.16358	.0005207	.000066	.0477722	.0030658	.0049863
%RSD	.1966426	.2684095	3.538513	63.89361	12.17143	13.54228	1.579826

#1	3.502984	61.06902	.0153108	-.000027	.4131093	.0231582	.3113948
#2	3.516710	61.00227	.0143404	-.000146	.3378762	.0193466	.3143601
#3	3.511129	60.75828	.0144981	-.000138	.4264981	.0254119	.3211234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005298	.3298010	-.114337	-.000675	1.426682	.5149061	-.001491
Stddev	.033061	.0005821	.001817	.000236	.007865	.0017270	.000479
%RSD	624.0599	.1765138	1.589569	35.02712	.5512799	.3354032	32.11378

#1	.031309	.3296637	-.116361	-.000939	1.427717	.5129802	-.001726
#2	-.032981	.3292998	-.113805	-.000484	1.418351	.5154208	-.001806
#3	-.014220	.3304395	-.112845	-.000601	1.433979	.5163172	-.000940

Sample Name: I3077-11LX5 Acquired: 5/17/2017 13:28:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0R8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0514109	.0003964	.0318994
Stddev	.0003734	.0009808	.0001896
%RSD	.7263149	247.4507	.5944189

#1	.0510397	.0012856	.0319817
#2	.0517865	.0005591	.0320339
#3	.0514066	-.000656	.0316825

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.341	2463.171	51548.33	4323.353	3206.763
Stddev	7.756	9.639	154.39	6.223	5.324
%RSD	.4728194	.3913189	.2995028	.1439364	.1660349

#1	1631.631	2457.856	51372.33	4325.150	3200.620
#2	1646.502	2457.359	51611.72	4328.480	3210.039
#3	1642.889	2474.297	51660.93	4316.430	3209.631

Sample Name: I3077-14 Acquired: 5/17/2017 13:32:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274492	-.024344	6.118179	-.042854	.0042945	14.66738	10.94839
Stddev	.0064661	.001699	.006132	.005096	.0012648	.02634	.04233
%RSD	23.55664	6.979873	.1002275	11.89116	29.45164	.1795493	.3865897

#1	.0328875	-.023964	6.111130	-.045289	.0054383	14.69131	10.99328
#2	.0291605	-.026201	6.122283	-.036997	.0045090	14.63917	10.90920
#3	.0202996	-.022866	6.121124	-.046275	.0029362	14.67167	10.94269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068056	.0535533	794.6743	.0618372	.0742890	.2338015	200.4717
Stddev	.0001237	.0002050	2.9827	.0010457	.0001571	.0010739	.7236
%RSD	1.817210	.3827214	.3753361	1.691088	.2114752	.4593237	.3609711

#1	.0066691	.0533665	794.6176	.0629666	.0741702	.2338041	199.9945
#2	.0068377	.0535208	797.6849	.0609025	.0742297	.2327263	201.3043
#3	.0069102	.0537726	791.7204	.0616425	.0744671	.2348741	200.1163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.03609	403.7313	.0859788	-.001392	2.214136	.0627020	2.647995
Stddev	.06730	.8399	.0006337	.000133	.119491	.0040182	.028117
%RSD	.3358919	.2080327	.7370201	9.519740	5.396719	6.408410	1.061824

#1	20.00377	402.8174	.0861628	-.001345	2.107080	.0663616	2.675065
#2	20.11345	404.4694	.0852735	-.001542	2.192281	.0633424	2.649982
#3	19.99104	403.9070	.0865002	-.001290	2.343045	.0584021	2.618937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.077086	2.502510	-.540793	-.001078	20.50688	5.972044	.0105519
Stddev	.018394	.015974	.002271	.000283	.02237	.002739	.0003307
%RSD	1.707793	.6383330	.4199567	26.27260	.1090797	.0458661	3.133988

#1	1.057054	2.513980	-.542897	-.001042	20.52758	5.974849	.0109330
#2	1.080987	2.484265	-.538385	-.001378	20.50991	5.969376	.0103411
#3	1.093216	2.509286	-.541095	-.000815	20.48315	5.971907	.0103815

Sample Name: I3077-14 Acquired: 5/17/2017 13:32:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0R9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3205920	.0193215	.2771299
Stddev	.0011065	.0003863	.0003044
%RSD	.3451477	1.999586	.1098219

#1	.3214485	.0189451	.2773172
#2	.3209848	.0193023	.2767787
#3	.3193426	.0197171	.2772938

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.756	2310.529	49697.38	4434.535	2586.571
Stddev	3.301	3.204	121.47	15.030	2.045
%RSD	.2124405	.1386737	.2444109	.3389399	.0790708

#1	1553.678	2308.615	49772.40	4449.513	2584.420
#2	1550.494	2314.228	49762.51	4419.453	2588.490
#3	1557.094	2308.744	49557.24	4434.641	2586.804

Sample Name: I3077-15 Acquired: 5/17/2017 13:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0754291	-.028731	24.97948	-.049292	.0036587	65.16016	6.879344
Stddev	.0024807	.001173	.04073	.003450	.0011133	.08680	.036935
%RSD	3.288758	4.082974	.1630500	6.999385	30.42765	.1332038	.5369025

#1	.0754094	-.028185	25.02187	-.050071	.0047312	65.06166	6.836750
#2	.0729584	-.027930	24.97592	-.045518	.0025088	65.22542	6.902520
#3	.0779196	-.030077	24.94065	-.052285	.0037362	65.19340	6.898761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106164	.1356199	491.3454	.1089407	.2684246	.7698377	237.7499
Stddev	.0001320	.0002344	.6358	.0010366	.0003988	.0011055	.2366
%RSD	1.243683	.1728293	.1293983	.9514950	.1485539	.1435946	.0995072

#1	.0107120	.1353500	490.6861	.1081232	.2688723	.7706808	237.6570
#2	.0104657	.1357722	491.3954	.1085924	.2681077	.7702462	237.5740
#3	.0106714	.1357375	491.9547	.1101066	.2682937	.7685862	238.0189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.87583	241.2920	.2900905	.0041152	2.131058	.2053788	6.921278
Stddev	.02516	.5026	.0005315	.0004585	.112470	.0094142	.054105
%RSD	.1265703	.2082926	.1832023	11.14067	5.277672	4.583807	.7817167

#1	19.89519	241.7370	.2903435	.0043427	2.259293	.1986417	6.862907
#2	19.84739	240.7469	.2894798	.0035875	2.049154	.2161355	6.931180
#3	19.88491	241.3922	.2904481	.0044154	2.084726	.2013592	6.969749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.277534	6.632800	-.640749	.0000661	26.59046	4.991374	.0165049
Stddev	.017747	.012635	.001173	.0000656	.01136	.011367	.0019626
%RSD	.2827042	.1904865	.1831125	99.29192	.0427135	.2277270	11.89084

#1	6.291431	6.618254	-.641043	.0000417	26.59856	4.989461	.0177879
#2	6.257543	6.639092	-.639457	.0001403	26.57748	4.981086	.0142456
#3	6.283628	6.641052	-.641747	.0000161	26.59535	5.003576	.0174811

Sample Name: I3077-15 Acquired: 5/17/2017 13:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6331114	.0470387	.2257113
Stddev	.0020901	.0004092	.0005330
%RSD	.3301389	.8699821	.2361205

#1	.6310353	.0469108	.2252311
#2	.6330836	.0467087	.2256181
#3	.6352153	.0474966	.2262847

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.420	2590.223	55866.32	4963.590	2669.767
Stddev	9.837	7.909	89.64	14.706	9.050
%RSD	.5651916	.3053243	.1604623	.2962852	.3389756

#1	1747.103	2582.075	55966.94	4947.801	2662.173
#2	1729.125	2590.725	55794.96	4976.898	2667.348
#3	1745.033	2597.869	55837.06	4966.072	2679.781

Sample Name: I3077-16 Acquired: 5/17/2017 13:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682538	-.029309	20.49006	-.050962	.0032079	53.58985	5.811819
Stddev	.0042381	.000335	.24846	.003157	.0014159	.08021	.005852
%RSD	6.209309	1.141324	1.212599	6.195373	44.13897	.1496752	.1006847

#1	.0634670	-.029677	20.20518	-.047599	.0019081	53.49796	5.805524
#2	.0715284	-.029228	20.60304	-.053863	.0047167	53.62575	5.812842
#3	.0697660	-.029023	20.66195	-.051424	.0029989	53.64584	5.817092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100839	.1068905	702.3515	.0815307	.2366548	.6574527	241.6850
Stddev	.0001237	.0017886	2.3434	.0010892	.0031583	.0016107	.1022
%RSD	1.227050	1.673320	.3336537	1.336001	1.334541	.2449958	.0422895

#1	.0101872	.1048812	699.7089	.0827590	.2330151	.6558357	241.7519
#2	.0101178	.1083088	703.1688	.0811511	.2382767	.6574652	241.5673
#3	.0099468	.1074815	704.1768	.0806821	.2386726	.6590571	241.7357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.46904	354.4856	.2319041	.0025374	2.394974	.1649316	5.755908
Stddev	.05864	1.0395	.0039908	.0002224	.102791	.0052736	.072289
%RSD	.2498505	.2932281	1.720888	8.763602	4.291964	3.197430	1.255916

#1	23.42703	353.7497	.2273024	.0023268	2.383170	.1706968	5.677764
#2	23.44406	354.0323	.2339927	.0027699	2.503157	.1637466	5.769566
#3	23.53603	355.6747	.2344172	.0025154	2.298594	.1603513	5.820394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.111906	5.696562	-.652505	-.000885	21.73123	5.901122	.0145263
Stddev	.055167	.121756	.002602	.000276	.38740	.003817	.0012976
%RSD	1.079193	2.137361	.3988058	31.23649	1.782698	.0646900	8.932928

#1	5.117571	5.558756	-.649585	-.001147	21.28409	5.899133	.0154492
#2	5.054125	5.741345	-.653349	-.000910	21.96605	5.898710	.0130426
#3	5.164023	5.789584	-.654580	-.000596	21.94356	5.905523	.0150871

Sample Name: I3077-16 Acquired: 5/17/2017 13:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5847614	.0437879	.2547127
Stddev	.0010191	.0003915	.0005705
%RSD	.1742769	.8940043	.2239701

#1	.5855134	.0442099	.2549265
#2	.5851694	.0434367	.2540662
#3	.5836015	.0437171	.2551453

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.588	2511.069	53560.27	4814.552	2589.499
Stddev	3.503	21.671	204.12	9.071	25.787
%RSD	.2095715	.8630001	.3811052	.1884112	.9958142

#1	1670.081	2535.900	53331.99	4807.278	2619.225
#2	1675.593	2495.975	53623.60	4824.716	2576.141
#3	1669.091	2501.332	53725.21	4811.661	2573.133

Sample Name: I3077-17 Acquired: 5/17/2017 13:44:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782063	-.024477	28.81162	-.053493	.0040549	76.78443	9.611493
Stddev	.0014698	.004011	.01797	.003329	.0005520	.16740	.024396
%RSD	1.879352	16.38603	.0623606	6.222643	13.61274	.2180182	.2538161

#1	.0765623	-.026273	28.81007	-.056810	.0035692	76.59308	9.597841
#2	.0786634	-.019882	28.79448	-.050153	.0046552	76.85641	9.596981
#3	.0793931	-.027275	28.83032	-.053515	.0039404	76.90382	9.639658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101833	.1261288	393.8260	.1036796	.3085789	.7866360	231.1022
Stddev	.0000866	.0003593	2.0793	.0007767	.0006396	.0040267	.6823
%RSD	.8502904	.2848355	.5279777	.7490832	.2072827	.5118886	.2952317

#1	.0100842	.1257184	392.3922	.1045096	.3081837	.7878719	230.3190
#2	.0102214	.1262817	392.8750	.1035587	.3093168	.7821362	231.4200
#3	.0102442	.1263864	396.2108	.1029705	.3082361	.7898998	231.5677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.47318	192.8952	.3063940	.0050136	1.910844	.2151040	7.408808
Stddev	.11092	1.2128	.0008775	.0003255	.098249	.0024585	.040766
%RSD	.5418026	.6287562	.2864060	6.492178	5.141634	1.142918	.5502437

#1	20.39620	192.1163	.3055829	.0050534	1.951629	.2126395	7.432871
#2	20.42302	192.2766	.3073255	.0053174	1.798771	.2151162	7.361739
#3	20.60033	194.2926	.3062737	.0046701	1.982131	.2175564	7.431814

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.416803	6.416128	-.631255	.0003354	24.89997	4.543238	.0127431
Stddev	.050150	.017426	.003347	.0002342	.06481	.014532	.0017305
%RSD	.6761638	.2716003	.5302576	69.83192	.2602825	.3198691	13.58021

#1	7.367562	6.404938	-.628451	.0006037	24.96549	4.530542	.0107606
#2	7.467815	6.407240	-.630353	.0001718	24.83589	4.540084	.0135173
#3	7.415031	6.436206	-.634961	.0002307	24.89853	4.559089	.0139512

Sample Name: I3077-17 Acquired: 5/17/2017 13:44:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6634459	.0536201	.2171946
Stddev	.0012102	.0008497	.0005449
%RSD	.1824087	1.584750	.2508820

#1	.6623749	.0526507	.2166452
#2	.6647587	.0542364	.2172035
#3	.6632039	.0539731	.2177349

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.290	2604.032	55930.69	4944.330	2722.841
Stddev	10.207	2.936	82.41	20.725	4.857
%RSD	.5855244	.1127595	.1473384	.4191765	.1783850

#1	1743.458	2604.699	55893.25	4964.607	2717.692
#2	1753.413	2606.578	55873.65	4945.200	2723.488
#3	1733.000	2600.820	56025.18	4923.183	2727.342

Sample Name: CCV021 Acquired: 5/17/2017 13:48:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.256430	5.091374	25.81297	5.141872	5.175503	380.4883
Stddev	.007116	.014340	.00531	.006478	.008815	.2724
%RSD	.1353834	.2816613	.0205624	.1259921	.1703240	.0715918

#1	5.255397	5.107903	25.81084	5.148495	5.167555	380.7852
#2	5.264007	5.082244	25.81901	5.141573	5.184984	380.4300
#3	5.249887	5.083975	25.80905	5.135549	5.173968	380.2499

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36310	.5222731	2.561815	399.5092	15.60124	2.575816
Stddev	.02761	.0036939	.003598	1.3297	.06547	.001963
%RSD	.2663947	.7072751	.1404386	.3328268	.4196707	.0762103

#1	10.33550	.5186458	2.560291	398.0138	15.53793	2.573651
#2	10.39072	.5260302	2.559230	399.9554	15.59713	2.576318
#3	10.36307	.5221434	2.565924	400.5584	15.66868	2.577480

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.86319	402.4920	14.92971	398.0931	2.556060	1.336393
Stddev	.02876	.4297	.06200	2.1852	.001435	.004553
%RSD	.1812943	.1067656	.4152893	.5489269	.0561353	.3407286

#1	15.87415	402.7831	14.86179	395.5855	2.554450	1.336220
#2	15.88486	402.6945	14.94406	399.5903	2.556525	1.331929
#3	15.83056	401.9985	14.98327	399.1036	2.557204	1.341031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.3883	2.548251	15.00565	163.1977	5.438914	F 4.462358
Stddev	.6504	.027821	.07100	.2152	.004012	.021326
%RSD	.1577233	1.091774	.4731779	.1318651	.0737705	.4779042

#1	413.1351	2.541241	14.94760	163.3445	5.434461	4.441215
#2	411.9460	2.578907	14.98455	163.2980	5.440031	4.483862
#3	412.0837	2.524606	15.08482	162.9507	5.442249	4.461998

Sample Name: CCV021 Acquired: 5/17/2017 13:48:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.133459	4.666100	5.294456	5.123749	5.251572	5.435842
Stddev	.002325	.005401	.018118	.004291	.004084	.008505
%RSD	.0452852	.1157392	.3422015	.0837472	.0777590	.1564635

#1	5.132109	4.666148	5.281031	5.123676	5.256128	5.445402
#2	5.136143	4.660676	5.315064	5.119496	5.248241	5.433008
#3	5.132125	4.671476	5.287274	5.128077	5.250348	5.429115

Elem	Sr4077
Units	ppm
Avg	5.358129
Stddev	.002507
%RSD	.0467899

#1	5.359975
#2	5.359138
#3	5.355275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.838	2103.047	45110.67	4048.247	2402.102
Stddev	4.030	3.517	57.08	7.773	3.253
%RSD	.2895104	.1672231	.1265316	.1920017	.1354394

#1	1388.745	2100.479	45065.93	4054.880	2399.625
#2	1396.395	2101.606	45174.96	4039.694	2400.896
#3	1390.375	2107.055	45091.13	4050.168	2405.787

Sample Name: CCB021 Acquired: 5/17/2017 13:52:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019086	.0018203	.0006431	.0001288	-.000983	.0058746	-.003386
Stddev	.0027514	.0007921	.0013371	.0029465	.001079	.0036063	.000401
%RSD	144.1624	43.51691	207.9011	2288.296	109.7692	61.38824	11.83348

#1	-.000061	.0018538	-.000701	-.002593	-.001785	.0093311	-.003315
#2	.000735	.0010119	.000657	.003258	.000244	.0021351	-.003026
#3	.005052	.0025951	.001973	-.000279	-.001406	.0061577	-.003817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001057	.0000089	.0013374	-.000034	.0000272	.0006079	-.003884
Stddev	.0000528	.0000701	.0073204	.000258	.0001883	.0014874	.016789
%RSD	49.97464	785.7783	547.3714	769.1842	691.4380	244.6917	432.3005

#1	.0001653	.0000892	.0064034	-.000221	-.000180	-.000188	.014267
#2	.0000646	-.000022	-.007056	-.000141	.000074	.002324	-.007060
#3	.0000873	-.000040	.004664	.000261	.000188	-.000312	-.018858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000950	.0536269	.0004093	.0003527	.0232811	-.000782	-.001079
Stddev	.0010100	.0260188	.0004122	.0001502	.0435264	.003023	.016684
%RSD	1063.260	48.51826	100.7238	42.57374	186.9604	386.5409	1546.098

#1	-.000284	.0243487	-.000067	.0002093	-.016283	-.001846	.009292
#2	-.000671	.0741028	.000659	.0005088	.016219	-.003129	.007796
#3	.001240	.0624292	.000635	.0003401	.069907	.002629	-.020325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077879	.0005554	.0018273	.0003408	-.036460	-.002039	.0002762
Stddev	.0369493	.0012658	.0004327	.0001523	.007745	.001706	.0006485
%RSD	474.4476	227.8842	23.67742	44.67818	21.24225	83.66734	234.7833

#1	.0174234	.0011587	.0019856	.0001733	-.029787	-.003269	.0010025
#2	.0389648	.0014068	.0021586	.0004708	-.044953	-.002756	.0000710
#3	-.033025	-.000899	.0013378	.0003784	-.034641	-.000092	-.000245

Sample Name: CCB021 Acquired: 5/17/2017 13:52:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000430	-.001617	.0000331
Stddev	.001019	.000605	.0000258
%RSD	237.1273	37.39898	78.08694

#1	-.001493	-.001868	.0000328
#2	.000538	-.002055	.0000591
#3	-.000334	-.000927	.0000074

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.519	2656.635	54793.04	4377.975	3789.076
Stddev	10.841	38.044	125.17	6.743	50.010
%RSD	.6207440	1.432020	.2284375	.1540242	1.319852

#1	1735.262	2630.449	54649.61	4379.028	3749.244
#2	1747.404	2639.181	54849.34	4370.767	3772.785
#3	1756.890	2700.273	54880.17	4384.130	3845.201

Sample Name: I3077-18 Acquired: 5/17/2017 13:56:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1176570	-.023266	11.91216	-.054563	.0073904	104.4300	18.89087
Stddev	.0013511	.001351	.05654	.005875	.0006461	1.3710	.06856
%RSD	1.148349	5.807022	.4746368	10.76684	8.741780	1.312811	.3629449

#1	.1162076	-.021767	11.96869	-.059679	.0071944	105.1211	18.85861
#2	.1178816	-.024389	11.85561	-.055864	.0081118	105.3179	18.96962
#3	.1188817	-.023642	11.91218	-.048147	.0068651	102.8510	18.84440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111896	.0547802	200.6907	.1337381	.2165670	.4898085	254.4364
Stddev	.0002370	.0004353	2.8400	.0010217	.0013402	.0039953	3.4550
%RSD	2.118112	.7946855	1.415116	.7639331	.6188571	.8156838	1.357901

#1	.0114171	.0549944	202.0450	.1342763	.2178464	.4921622	255.6522
#2	.0112077	.0542793	202.6001	.1325598	.2151732	.4920678	257.1191
#3	.0109441	.0550670	197.4270	.1343781	.2166815	.4851955	250.5378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08458	103.0700	.2409519	-.001266	1.837642	.3409654	4.224447
Stddev	.19569	1.3041	.0010913	.000209	.221585	.0041399	.002287
%RSD	1.297254	1.265242	.4528938	16.49582	12.05809	1.214167	.0541475

#1	15.19700	103.5817	.2421513	-.001506	2.032965	.3440423	4.226155
#2	15.19811	104.0407	.2400177	-.001165	1.883113	.3425953	4.225336
#3	14.85862	101.5877	.2406866	-.001127	1.596850	.3362586	4.221848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.918178	3.345348	-.691138	.0034539	18.39834	6.910738	.0165236
Stddev	.091868	.015753	.007132	.0004370	.06197	.091577	.0006328
%RSD	1.327920	.4709032	1.031883	12.65081	.3368223	1.325147	3.829602

#1	6.947971	3.362148	-.692985	.0033871	18.46698	6.959925	.0158567
#2	6.991451	3.330907	-.697165	.0030543	18.34650	6.967212	.0165984
#3	6.815111	3.342989	-.683264	.0039205	18.38155	6.805077	.0171156

Sample Name: I3077-18 Acquired: 5/17/2017 13:56:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.007295	.0609347	.1921707
Stddev	.014729	.0009783	.0023108
%RSD	1.462262	1.605509	1.202468

#1	1.015060	.0612073	.1932869
#2	1.016517	.0617478	.1937115
#3	.990308	.0598490	.1895137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.452	2754.550	58487.09	5132.006	2929.238
Stddev	2.912	8.637	92.00	74.701	12.438
%RSD	.1583679	.3135575	.1573013	1.455590	.4246164

#1	1840.426	2746.038	58389.14	5105.796	2916.990
#2	1835.108	2763.307	58571.69	5073.941	2941.857
#3	1839.821	2754.305	58500.45	5216.279	2928.867

Sample Name: I3077-19 Acquired: 5/17/2017 14:00:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3548926	-.352936	13.19030	.0858561	-.097549	98.50979	16.73800
Stddev	.0825088	.126716	.08318	.0476486	.036897	1.82563	.14486
%RSD	23.24895	35.90342	.6306160	55.49818	37.82377	1.853248	.8654405

#1	.2745429	-.251850	13.09909	.0541211	-.071916	99.87558	16.72823
#2	.3507320	-.311865	13.20984	.0627999	-.080894	99.21753	16.88750
#3	.4394030	-.495093	13.26197	.1406473	-.139837	96.43625	16.59828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116292	.0775014	448.9709	.1293416	.2413241	.5181400	297.7400
Stddev	.0003718	.0067728	4.8335	.0009579	.0072022	.0125817	5.6191
%RSD	3.196944	8.738925	1.076563	.7406158	2.984440	2.428241	1.887263

#1	.0120013	.0707876	452.1712	.1301487	.2362690	.5271502	301.9763
#2	.0116287	.0773850	451.3307	.1295930	.2381329	.5235045	299.8780
#3	.0112577	.0843316	443.4109	.1282830	.2495706	.5037651	291.3657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.57480	229.2346	.1759537	-.004462	2.782037	.3499331	4.631952
Stddev	.33283	3.7489	.0231642	.001213	.310403	.0063455	.063085
%RSD	1.617682	1.635420	13.16493	27.19253	11.15742	1.813337	1.361958

#1	20.81473	232.0985	.1991414	-.003563	2.587894	.3551949	4.600241
#2	20.71484	230.6139	.1759066	-.003980	2.618185	.3517181	4.704602
#3	20.19482	224.9914	.1528131	-.005842	3.140033	.3428863	4.591014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.520478	3.247565	-.792528	.0750032	16.84916	5.267638	.2291205
Stddev	.100674	.091504	.015504	.0295953	.56009	.069381	.0784576
%RSD	1.543973	2.817625	1.956269	39.45871	3.324146	1.317113	34.24295

#1	6.412285	3.339134	-.796791	.0458715	17.32815	5.289032	.1507485
#2	6.537749	3.247437	-.805455	.0740969	16.98600	5.323802	.2289496
#3	6.611399	3.156126	-.775338	.1050413	16.23333	5.190080	.3076635

Sample Name: I3077-19 Acquired: 5/17/2017 14:00:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8680819	.0631178	.2308917
Stddev	.0124023	.0012843	.0040282
%RSD	1.428701	2.034750	1.744606

#1	.8768887	.0637395	.2340979
#2	.8734585	.0639728	.2322068
#3	.8538986	.0616409	.2263703

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.414	2406.013	52946.58	4762.470	2442.200
Stddev	14.442	5.909	428.77	39.044	12.367
%RSD	.8995638	.2455815	.8098118	.8198185	.5063873

#1	1620.851	2411.433	53398.47	4768.068	2456.252
#2	1603.159	2406.891	52895.82	4720.930	2437.372
#3	1592.233	2399.714	52545.45	4798.413	2432.974

Sample Name: I3077-20 Acquired: 5/17/2017 14:04:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1151654	-.023409	13.22784	-.050521	.0051054	96.23778	19.78233
Stddev	.0008686	.002749	.02506	.001001	.0008279	.11523	.08969
%RSD	.7542037	11.74347	.1894255	1.981707	16.21695	.1197384	.4533971

#1	.1149525	-.025631	13.23952	-.049548	.0048600	96.10577	19.86349
#2	.1161206	-.020335	13.24493	-.050466	.0044279	96.28935	19.79745
#3	.1144231	-.024262	13.19908	-.051548	.0060283	96.31822	19.68603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105729	.0570861	174.8518	.1214610	.2349292	.4991427	248.4869
Stddev	.0000549	.0002137	.2529	.0002985	.0004561	.0029182	.6625
%RSD	.5194815	.3743864	.1446136	.2457175	.1941485	.5846446	.2666285

#1	.0106344	.0573265	174.5600	.1217805	.2353548	.5006768	248.0208
#2	.0105287	.0569176	174.9888	.1214132	.2349850	.5009738	248.1944
#3	.0105556	.0570141	175.0067	.1211893	.2344477	.4957774	249.2453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.24257	89.23232	.2464952	-.001062	1.743942	.3302004	3.965503
Stddev	.03380	.04653	.0005267	.000281	.046788	.0072239	.046571
%RSD	.2080887	.0521433	.2136554	26.49879	2.682898	2.187717	1.174410

#1	16.21525	89.27587	.2469843	-.001308	1.746789	.3337146	3.929459
#2	16.23210	89.23779	.2465635	-.001123	1.789242	.3349947	4.018087
#3	16.28037	89.18330	.2459377	-.000755	1.695796	.3218918	3.948964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.690063	3.290547	-.677558	.0033673	18.27974	6.728709	.0166350
Stddev	.054334	.014007	.002148	.0002237	.07179	.027529	.0026280
%RSD	.8121550	.4256811	.3169562	6.642832	.3927359	.4091276	15.79768

#1	6.639761	3.300246	-.679388	.0036086	18.31865	6.754364	.0184267
#2	6.682741	3.296908	-.675194	.0033267	18.32367	6.699627	.0178602
#3	6.747686	3.274488	-.678092	.0031667	18.19689	6.732135	.0136182

Sample Name: I3077-20 Acquired: 5/17/2017 14:04:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9001652	.0571663	.1944424
Stddev	.0037469	.0001648	.0002491
%RSD	.4162413	.2882324	.1280969

#1	.8963507	.0570816	.1942319
#2	.9003042	.0570611	.1943779
#3	.9038406	.0573562	.1947173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.865	2723.168	57688.84	5031.480	2913.655
Stddev	11.636	5.564	150.70	12.529	7.077
%RSD	.6465103	.2043314	.2612252	.2490044	.2428954

#1	1794.316	2716.743	57767.37	5029.401	2905.907
#2	1792.042	2726.346	57515.10	5044.918	2915.280
#3	1813.237	2726.415	57784.06	5020.121	2919.778

Sample Name: I3077-21 Acquired: 5/17/2017 14:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1149091	-.022305	13.04550	-.052172	.0058226	90.68745	19.81870
Stddev	.0038909	.001154	.01046	.003815	.0006978	.12608	.25132
%RSD	3.386095	5.174078	.0802110	7.312714	11.98338	.1390290	1.268106

#1	.1180982	-.021686	13.05630	-.054523	.0053912	90.55499	19.52849
#2	.1105738	-.023636	13.03541	-.047770	.0066276	90.80599	19.96360
#3	.1160552	-.021592	13.04479	-.054223	.0054491	90.70136	19.96400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104264	.0564407	173.3715	.1193922	.2316441	.4906030	247.8367
Stddev	.0000584	.0001093	.2444	.0003990	.0005181	.0026628	.7054
%RSD	.5605147	.1936453	.1409794	.3342281	.2236735	.5427512	.2846130

#1	.0104199	.0564516	173.0928	.1198380	.2312459	.4894472	247.2087
#2	.0103716	.0565442	173.4722	.1192703	.2314565	.4887134	247.7015
#3	.0104879	.0563264	173.5495	.1190684	.2322299	.4936483	248.5999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.10103	88.08566	.2400667	-.000441	1.760277	.3348725	3.910125
Stddev	.01507	.29956	.0009453	.000325	.193345	.0008138	.014231
%RSD	.0935712	.3400747	.3937453	73.61443	10.98377	.2430174	.3639583

#1	16.09176	88.23747	.2411494	-.000169	1.860812	.3348335	3.897395
#2	16.11842	88.27891	.2396448	-.000800	1.537378	.3340789	3.925490
#3	16.09293	87.74059	.2394058	-.000354	1.882642	.3357051	3.907491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.355653	3.237976	-.675164	.0037800	18.01979	6.028050	.0163776
Stddev	.028120	.006326	.002882	.0003095	.07112	.026126	.0004143
%RSD	.4424469	.1953785	.4269157	8.187559	.3946664	.4334089	2.529544

#1	6.323314	3.244000	-.677960	.0040883	17.93767	6.038752	.0159560
#2	6.374352	3.238544	-.672203	.0037824	18.05996	5.998273	.0167841
#3	6.369294	3.231386	-.675329	.0034693	18.06173	6.047127	.0163927

Sample Name: I3077-21 Acquired: 5/17/2017 14:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9368453	.0525689	.1915273
Stddev	.0022007	.0005583	.0004032
%RSD	.2349012	1.062070	.2105306

#1	.9348188	.0528895	.1912506
#2	.9365309	.0519242	.1913413
#3	.9391863	.0528930	.1919899

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.977	2713.173	57882.55	5026.005	2923.105
Stddev	6.974	2.566	188.20	3.578	2.171
%RSD	.3835983	.0945794	.3251434	.0711827	.0742856

#1	1820.216	2714.688	57920.52	5025.267	2925.470
#2	1810.158	2710.210	57678.26	5022.853	2921.200
#3	1823.556	2714.621	58048.87	5029.894	2922.646

Sample Name: I3077-22 Acquired: 5/17/2017 14:12:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666731	-.025420	17.19805	-.052160	.0038143	42.82363	5.184785
Stddev	.0037313	.001611	.06659	.002841	.0020567	.18392	.012533
%RSD	5.596457	6.338707	.3871668	5.446822	53.92077	.4294781	.2417168

#1	.0677264	-.026212	17.17999	-.049852	.0025478	42.93223	5.170323
#2	.0697646	-.026483	17.14236	-.055333	.0061874	42.92738	5.192481
#3	.0625283	-.023566	17.27180	-.051295	.0027078	42.61128	5.191550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087802	.0966821	551.1332	.0959772	.2221297	.5381758	222.5969
Stddev	.0000657	.0004471	1.3073	.0012216	.0007115	.0025890	1.6209
%RSD	.7483233	.4624117	.2372031	1.272815	.3203221	.4810659	.7281753

#1	.0087334	.0965359	549.7007	.0970398	.2219664	.5361478	223.4902
#2	.0087519	.0963265	551.4371	.0962493	.2215141	.5410919	223.5746
#3	.0088553	.0971840	552.2618	.0946425	.2229088	.5372876	220.7259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.66427	276.4590	.2149800	.0015968	2.163083	.1634873	5.029219
Stddev	.02370	.5336	.0010111	.0005289	.078424	.0004541	.063806
%RSD	.1205442	.1930198	.4703252	33.12101	3.625554	.2777609	1.268700

#1	19.64582	276.2791	.2149293	.0014948	2.252341	.1630663	5.099068
#2	19.69100	277.0594	.2139952	.0021692	2.131685	.1639685	4.973995
#3	19.65598	276.0386	.2160155	.0011263	2.105224	.1634273	5.014595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.088052	4.290146	-.599618	-.000137	20.97003	10.03317	.0093383
Stddev	.028701	.009651	.002113	.001135	.12106	.01146	.0003926
%RSD	.7020649	.2249484	.3524458	826.6573	.5773113	.1142638	4.204736

#1	4.116982	4.288761	-.597181	.000579	20.93395	10.04168	.0088849
#2	4.087587	4.281263	-.600737	-.001446	20.87111	10.03769	.0095638
#3	4.059586	4.300414	-.600937	.000455	21.10503	10.02013	.0095661

Sample Name: I3077-22 Acquired: 5/17/2017 14:12:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5927378	.0316911	.1989098
Stddev	.0020836	.0013812	.0005132
%RSD	.3515170	4.358241	.2579843

#1	.5903354	.0325297	.1994515
#2	.5940522	.0324467	.1988470
#3	.5938257	.0300970	.1984309

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.425	2447.327	52493.82	4684.178	2638.586
Stddev	8.035	8.865	151.89	12.891	2.323
%RSD	.4946246	.3622233	.2893431	.2751944	.0880568

#1	1617.559	2444.215	52318.54	4675.626	2636.328
#2	1633.262	2440.439	52586.79	4677.904	2638.459
#3	1622.454	2457.329	52576.13	4699.005	2640.970

Sample Name: PB98940BL Acquired: 5/17/2017 14:16:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000575	.0009654	.0003586	.0018437	-.001513	.0057356	-.002810
Stddev	.0017984	.0014039	.0011566	.0016699	.000533	.0030955	.000459
%RSD	3126.337	145.4201	322.5092	90.57164	35.20095	53.97069	16.34089

#1	-.001756	.0023771	.0015630	.0013783	-.001687	.0035457	-.003084
#2	.000089	-.000430	.0002562	.0036969	-.001937	.0043839	-.003067
#3	.001840	.000949	-.000743	.0004559	-.000915	.0092771	-.002280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001322	-.000100	.0174374	-.000451	-.000124	-.000366	-.000848
Stddev	.0000799	.000061	.0167788	.000146	.000150	.001596	.012169
%RSD	60.41563	60.45166	96.22329	32.42652	120.4868	435.7155	1434.939

#1	.0002219	-.000099	.0237305	-.000323	-.000020	.001432	.009157
#2	.0001059	-.000162	.0301599	-.000610	-.000296	-.000918	-.014395
#3	.0000688	-.000040	-.001578	-.000419	-.000057	-.001614	.002693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006319	.0629312	.0003906	.0002738	-.087181	-.001180	-.000945
Stddev	.0004695	.0300989	.0001721	.0001482	.039681	.000920	.005768
%RSD	74.29905	47.82829	44.06475	54.13217	45.51590	77.95335	610.1868

#1	.0008170	.0508134	.0003397	.0004193	-.132984	-.000614	-.006205
#2	.0000981	.0972003	.0005825	.0002791	-.065377	-.000684	-.001853
#3	.0009807	.0407799	.0002497	.0001230	-.063183	-.002242	.005223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045178	.0006881	-.006847	-.000092	-.022194	-.001819	-.000457
Stddev	.0458711	.0012842	.000533	.000224	.004921	.000221	.000436
%RSD	1015.352	186.6281	7.781480	243.7847	22.17300	12.13851	95.25645

#1	-.048326	.0006010	-.006235	-.000329	-.025581	-.001573	.000032
#2	.027808	-.000550	-.007206	-.000062	-.024452	-.001886	-.000802
#3	.034071	.002014	-.007100	.000116	-.016549	-.001999	-.000603

Sample Name: PB98940BL Acquired: 5/17/2017 14:16:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000811	-.002703	-.000075
Stddev	.000944	.000578	.000019
%RSD	116.3986	21.39629	25.39815

#1	.000002	-.002589	-.000054
#2	-.001847	-.003330	-.000092
#3	-.000590	-.002190	-.000080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.430	2580.220	53735.20	4327.434	3677.054
Stddev	11.219	12.462	296.90	10.065	12.853
%RSD	.6555242	.4829712	.5525209	.2325928	.3495511

#1	1708.184	2566.015	53684.90	4335.217	3662.493
#2	1702.192	2589.308	53466.67	4316.068	3681.845
#3	1723.914	2585.339	54054.04	4331.019	3686.823

Sample Name: PB98940BS Acquired: 5/17/2017 14:21:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193021	.0550398	.0214849	.0695703	.1154359	.4011882
Stddev	.0013786	.0003050	.0001548	.0012229	.0015354	.0118418
%RSD	7.141993	.5540634	.7206190	1.757839	1.330127	2.951669

#1	.0207602	.0548627	.0215607	.0702458	.1157368	.3906472
#2	.0180200	.0548647	.0213068	.0703065	.1137723	.4140014
#3	.0191260	.0553919	.0215872	.0681586	.1167987	.3989159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4005674	.0101182	.0092899	9.836564	.0244164	.0928310
Stddev	.0014993	.0000637	.0001008	.014452	.0002862	.0003146
%RSD	.3743023	.6294326	1.084544	.1469202	1.172120	.3389385

#1	.3994872	.0101909	.0091737	9.838749	.0245315	.0924821
#2	.3999357	.0100722	.0093532	9.849798	.0246271	.0929179
#3	.4022792	.0100915	.0093428	9.821143	.0240905	.0930931

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512593	F .2869786	.0351590	9.524144	.0770940	.0196845
Stddev	.0008171	.0106131	.0007587	.056398	.0002920	.0003099
%RSD	1.593958	3.698212	2.157798	.5921549	.3788112	1.574487

#1	.0519257	.2981789	.0345259	9.579952	.0770082	.0200095
#2	.0515044	.2856858	.0349513	9.525305	.0768545	.0193922
#3	.0503477	.2770712	.0359999	9.467174	.0774193	.0196518

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.984879	.1062315	.1027520	8.769951	F .0319619	F .0144724
Stddev	.164410	.0017617	.0091194	.009435	.0002967	.0017210
%RSD	1.646593	1.658388	8.875135	.1075786	.9284635	11.89192

#1	9.795631	.1069932	.1102616	8.770464	.0317025	.0153586
#2	10.09253	.1074843	.0926044	8.779119	.0322855	.0155696
#3	10.06648	.1042171	.1053900	8.760271	.0318976	.0124888

Sample Name: PB98940BS Acquired: 5/17/2017 14:21:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221386	.4875009	.2028621	F .0168358	.2095807	.0931119
Stddev	.0003440	.0080199	.0009277	.0007777	.0023681	.0009488
%RSD	1.553670	1.645113	.4572890	4.619054	1.129911	1.018997

#1	.0217796	.4966823	.2039327	.0166690	.2101592	.0921002
#2	.0224652	.4839573	.2023557	.0176833	.2116059	.0932534
#3	.0221709	.4818633	.2022978	.0161551	.2069769	.0939820

Elem	Sr4077
Units	ppm
Avg	.2146044
Stddev	.0002937
%RSD	.1368332

#1	.2146957
#2	.2148415
#3	.2142759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.533	2521.847	53295.30	4422.632	3508.468
Stddev	4.167	6.946	74.55	22.795	8.070
%RSD	.2491313	.2754442	.1398801	.5154131	.2300112

#1	1667.766	2514.068	53229.52	4402.544	3499.181
#2	1675.478	2524.044	53280.10	4417.948	3513.774
#3	1674.356	2527.430	53376.27	4447.406	3512.449

Sample Name: I3078-01 Acquired: 5/17/2017 14:25:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530225	-.030425	14.82407	-.049326	.0021272	32.15029	3.395981
Stddev	.0024015	.003713	.03331	.002484	.0003132	.04011	.007018
%RSD	4.529234	12.20392	.2247257	5.034992	14.72427	.1247658	.2066571

#1	.0532603	-.029378	14.84072	-.048610	.0018499	32.10672	3.389435
#2	.0552962	-.034549	14.84578	-.052089	.0024669	32.18569	3.403391
#3	.0505109	-.027347	14.78572	-.047279	.0020647	32.15844	3.395117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083193	.0880381	726.0901	.0649675	.1952121	.5256770	213.2346
Stddev	.0001182	.0002614	2.1522	.0001195	.0002179	.0011961	.2447
%RSD	1.420435	.2969712	.2964090	.1838847	.1116108	.2275409	.1147333

#1	.0081836	.0879543	726.1542	.0650772	.1954384	.5253385	213.4810
#2	.0083999	.0883311	728.2095	.0649853	.1950038	.5270059	213.2311
#3	.0083742	.0878287	723.9066	.0648402	.1951942	.5246866	212.9917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.31159	367.8374	.1798716	.0009702	2.174314	.1037827	4.212933
Stddev	.08532	.6852	.0009872	.0003915	.123014	.0052060	.007363
%RSD	.3824067	.1862703	.5488385	40.35589	5.657578	5.016288	.1747630

#1	22.32916	368.4815	.1809801	.0011381	2.264269	.1079971	4.216165
#2	22.38676	367.9133	.1795476	.0005227	2.034135	.1053880	4.218128
#3	22.21885	367.1175	.1790871	.0012497	2.224539	.0979631	4.204507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.203067	4.547510	-.586329	-.000808	17.62082	2.698084	.0141482
Stddev	.024848	.004242	.000659	.000285	.08883	.002014	.0010360
%RSD	.7757583	.0932831	.1123237	35.32710	.5041085	.0746369	7.322851

#1	3.174944	4.551543	-.587036	-.000932	17.72287	2.697990	.0140976
#2	3.222052	4.547901	-.585734	-.000481	17.57873	2.700143	.0131384
#3	3.212205	4.543086	-.586216	-.001009	17.56086	2.696119	.0152086

Sample Name: I3078-01 Acquired: 5/17/2017 14:25:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3702921	.0287620	.2235693
Stddev	.0011513	.0001501	.0001421
%RSD	.3109202	.5217738	.0635744

#1	.3697916	.0288073	.2234486
#2	.3694758	.0288841	.2235332
#3	.3716090	.0285945	.2237260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.410	2410.869	51979.36	4669.989	2571.644
Stddev	1.299	2.818	133.74	11.956	1.843
%RSD	.0808067	.1168884	.2572896	.2560260	.0716820

#1	1606.530	2412.470	51866.15	4661.184	2573.067
#2	1606.797	2412.523	52126.92	4665.182	2569.562
#3	1608.902	2407.615	51945.00	4683.601	2572.305

Sample Name: I3078-02 Acquired: 5/17/2017 14:29:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760519	-.026535	26.63000	-.051374	.0036557	56.31785	6.804491
Stddev	.0023166	.001793	.03683	.000767	.0013139	.05137	.021718
%RSD	3.046120	6.756571	.1382894	1.493260	35.94174	.0912142	.3191651

#1	.0750972	-.024472	26.67141	-.052037	.0046320	56.32640	6.824455
#2	.0786933	-.027418	26.61768	-.051551	.0021618	56.26274	6.781366
#3	.0743652	-.027716	26.60092	-.050534	.0041735	56.36441	6.807653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093232	.1277010	421.3137	.0864418	.3262962	.8755135	215.8370
Stddev	.0000985	.0003430	1.7985	.0012332	.0004597	.0081453	.7525
%RSD	1.056488	.2686165	.4268728	1.426622	.1409007	.9303416	.3486276

#1	.0094050	.1273676	420.3052	.0865842	.3261103	.8849135	215.2855
#2	.0092139	.1276825	420.2458	.0851437	.3268197	.8705391	215.5314
#3	.0093508	.1280529	423.3901	.0875977	.3259584	.8710878	216.6942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.56395	207.6763	.2998592	.0047386	1.623853	.1762950	6.669132
Stddev	.05631	.4266	.0008146	.0002539	.190082	.0028077	.063157
%RSD	.2738121	.2054335	.2716499	5.357273	11.70564	1.592602	.9470092

#1	20.56029	208.0582	.3005192	.0047875	1.834672	.1750521	6.621335
#2	20.50956	207.2158	.2989488	.0049645	1.465548	.1743232	6.740732
#3	20.62199	207.7549	.3001096	.0044639	1.571340	.1795096	6.645329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.980741	5.651013	-.594319	.0006914	23.47033	2.040878	.0135867
Stddev	.003171	.020940	.002833	.0004744	.06678	.007256	.0002125
%RSD	.0530173	.3705447	.4767079	68.61173	.2845493	.3555336	1.564100

#1	5.983757	5.626843	-.596204	.0012130	23.42837	2.045898	.0133413
#2	5.977435	5.663670	-.591061	.0005753	23.54735	2.032559	.0137091
#3	5.981031	5.662526	-.595693	.0002858	23.43528	2.044179	.0137097

Sample Name: I3078-02 Acquired: 5/17/2017 14:29:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0S9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4590938	.0383222	.1843257
Stddev	.0011404	.0006785	.0004469
%RSD	.2484038	1.770397	.2424610

#1	.4602750	.0387696	.1845191
#2	.4579991	.0375415	.1838147
#3	.4590073	.0386554	.1846433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.199	2561.342	55216.36	4884.274	2701.812
Stddev	11.157	1.915	187.65	13.514	3.903
%RSD	.6565831	.0747769	.3398399	.2766792	.1444634

#1	1693.148	2561.077	55017.40	4880.017	2698.022
#2	1692.375	2559.573	55241.52	4899.404	2701.595
#3	1712.074	2563.376	55390.16	4873.401	2705.819

Sample Name: I3078-03 Acquired: 5/17/2017 14:33:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0798979	-.035856	20.58593	-.057440	.0041486	33.26707	3.070012
Stddev	.0041317	.002029	.06629	.001981	.0018390	.03395	.011640
%RSD	5.171246	5.659105	.3220246	3.448415	44.32785	.1020588	.3791610

#1	.0830347	-.033720	20.66149	-.055163	.0020668	33.25569	3.062205
#2	.0814427	-.036087	20.53757	-.058397	.0055521	33.24026	3.064440
#3	.0752164	-.037759	20.55873	-.058761	.0048269	33.30524	3.083391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091203	.1572893	722.9501	.0801052	.2973518	.8474247	238.9898
Stddev	.0000350	.0005359	2.2832	.0003360	.0012208	.0018623	.2514
%RSD	.3836159	.3407172	.3158162	.4194978	.4105447	.2197597	.1051897

#1	.0090828	.1575173	721.2889	.0797498	.2987063	.8466714	239.0340
#2	.0091262	.1566771	722.0077	.0801480	.2970124	.8460571	238.7193
#3	.0091520	.1576736	725.5536	.0804178	.2963366	.8495457	239.2162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.78926	367.3392	.2588802	.0046011	2.390884	.1363563	7.386031
Stddev	.06022	1.6217	.0015490	.0004900	.058796	.0042365	.024713
%RSD	.2642641	.4414840	.5983362	10.65002	2.459169	3.106899	.3345915

#1	22.78820	367.0244	.2606633	.0043372	2.458432	.1386073	7.392218
#2	22.72957	365.8979	.2578672	.0042996	2.351205	.1389921	7.358813
#3	22.85000	369.0953	.2581101	.0051665	2.363014	.1314695	7.407064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.540684	3.643344	-.658301	.0002707	20.32217	2.076700	.0110787
Stddev	.041271	.005898	.002288	.0001713	.09104	.002363	.0002266
%RSD	1.624403	.1618786	.3475267	63.29844	.4479901	.1138026	2.045585

#1	2.529345	3.648696	-.660943	.0001797	20.42552	2.077080	.0113389
#2	2.506268	3.644316	-.656981	.0004683	20.25385	2.074170	.0109734
#3	2.586440	3.637021	-.656979	.0001640	20.28713	2.078851	.0109239

Sample Name: I3078-03 Acquired: 5/17/2017 14:33:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4137518	.0294864	.2155081
Stddev	.0014380	.0009035	.0000443
%RSD	.3475519	3.063985	.0205673

#1	.4121652	.0296197	.2154678
#2	.4141213	.0303157	.2155556
#3	.4149691	.0285237	.2155007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1582.812	2390.660	51604.68	4641.419	2559.895
Stddev	8.769	9.177	167.01	1.876	9.773
%RSD	.5540238	.3838855	.3236354	.0404162	.3817907

#1	1591.070	2380.738	51673.82	4641.242	2549.314
#2	1573.609	2392.398	51726.01	4643.377	2561.784
#3	1583.757	2398.845	51414.20	4639.637	2568.585

Sample Name: I3078-04 Acquired: 5/17/2017 14:37:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655074	-.038965	16.80086	-.071803	.0037075	25.36650
Stddev	.0044122	.002587	.02554	.004247	.0019137	.07733
%RSD	6.735424	6.638458	.1519880	5.914252	51.61739	.3048588

#1	.0669705	-.040726	16.80964	-.068237	.0021654	25.43656
#2	.0690022	-.035995	16.77209	-.076501	.0031079	25.37942
#3	.0605495	-.040175	16.82084	-.070670	.0058492	25.28353

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398207	.0100358	.1553272	F 1155.918	.0499071	.2727478
Stddev	.008419	.0001392	.0002724	1.001	.0006636	.0004012
%RSD	.3510345	1.386890	.1753887	.0866233	1.329643	.1471016

#1	2.391096	.0099560	.1551251	1154.852	.0492056	.2722912
#2	2.407503	.0101965	.1552196	1156.065	.0499909	.2730443
#3	2.396024	.0099549	.1556370	1156.838	.0505248	.2729077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7503768	268.9868	F 30.88945	592.4242	.2065618	.0030042
Stddev	.0057360	.5238	.00798	1.7733	.0013082	.0002430
%RSD	.7644116	.1947348	.0258289	.2993353	.6333255	8.088540

#1	.7556668	269.3851	30.88809	590.8448	.2069844	.0031648
#2	.7511835	268.3935	30.88224	592.0852	.2050945	.0027247
#3	.7442802	269.1820	30.89802	594.3425	.2076065	.0031231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.107344	.0762729	5.875636	2.179953	3.806382	-.752403
Stddev	.034634	.0028196	.037949	.027758	.013792	.004282
%RSD	1.114591	3.696724	.6458771	1.273343	.3623464	.5691743

#1	3.128758	.0731843	5.884246	2.148660	3.801355	-.757323
#2	3.125888	.0787091	5.834122	2.189589	3.795808	-.749515
#3	3.067386	.0769252	5.908542	2.201609	3.821983	-.750371

Sample Name: I3078-04 Acquired: 5/17/2017 14:37:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000821	21.87199	2.107577	.0112491	.3198001	.0331472
Stddev	.000254	.08625	.006663	.0011495	.0004067	.0005317
%RSD	30.88637	.3943171	.3161216	10.21832	.1271854	1.604192

#1	-.000613	21.97130	2.114860	.0102389	.3201445	.0337593
#2	-.000746	21.82877	2.106082	.0110087	.3199044	.0328830
#3	-.001104	21.81591	2.101789	.0124998	.3193513	.0327993

Elem	Sr4077
Units	ppm
Avg	.3061364
Stddev	.0004327
%RSD	.1413406

#1	.3062188
#2	.3065220
#3	.3056685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.150	2283.947	49325.06	4513.094	2363.543
Stddev	8.755	8.520	134.67	5.639	8.560
%RSD	.5789509	.3730213	.2730234	.1249461	.3621548

#1	1505.012	2289.908	49204.47	4509.326	2367.691
#2	1521.918	2287.744	49470.38	4519.577	2369.239
#3	1509.519	2274.189	49300.32	4510.379	2353.700

Sample Name: I3078-05 Acquired: 5/17/2017 14:41:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606024	-.039066	16.81265	-.065919	.0041898	25.46896
Stddev	.0033522	.002245	.02055	.004850	.0004399	.06473
%RSD	5.531475	5.747676	.1222113	7.358257	10.49869	.2541631

#1	.0577754	-.036810	16.78985	-.069721	.0039114	25.41658
#2	.0643057	-.039088	16.81835	-.067578	.0039610	25.54133
#3	.0597259	-.041300	16.82975	-.060456	.0046969	25.44897

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.401200	.0100922	.1555180	F 1152.329	.0489703	.2730916
Stddev	.009738	.0001905	.0001461	3.327	.0006205	.0008377
%RSD	.4055458	1.887262	.0939341	.2886817	1.267060	.3067578

#1	2.391362	.0102222	.1556035	1148.817	.0494846	.2735280
#2	2.410835	.0098736	.1553494	1155.432	.0491451	.2721258
#3	2.401402	.0101809	.1556013	1152.737	.0482812	.2736211

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7535639	268.2508	F 30.84197	591.5918	.2069466	.0037394
Stddev	.0044138	1.2081	.04186	.5293	.0005596	.0004091
%RSD	.5857195	.4503509	.1357119	.0894674	.2704177	10.94131

#1	.7538073	266.8987	30.79679	590.9821	.2075022	.0032671
#2	.7578509	269.2239	30.87943	591.9338	.2069547	.0039649
#3	.7490334	268.6297	30.84967	591.8594	.2063830	.0039861

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.008190	.0767031	5.872418	2.183165	3.804482	-.758576
Stddev	.218825	.0035472	.043455	.038600	.011345	.002039
%RSD	7.274296	4.624617	.7399807	1.768089	.2981972	.2687578

#1	3.108893	.0778765	5.834551	2.140919	3.802638	-.760212
#2	3.158534	.0795150	5.919863	2.191982	3.794172	-.759225
#3	2.757144	.0727179	5.862841	2.216595	3.816636	-.756292

Sample Name: I3078-05 Acquired: 5/17/2017 14:41:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0T1D Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001065	21.85208	2.111219	.0139021	.3184578	.0334856
Stddev	.000202	.04004	.002941	.0009671	.0018345	.0005025
%RSD	18.98743	.1832270	.1393055	6.956363	.5760458	1.500680

#1	-.001062	21.86474	2.109526	.0147959	.3163396	.0340329
#2	-.001268	21.88425	2.109517	.0140347	.3195058	.0333789
#3	-.000864	21.80724	2.114616	.0128755	.3195279	.0330450

Elem	Sr4077
Units	ppm
Avg	.3068477
Stddev	.0004311
%RSD	.1404839

#1	.3063500
#2	.3070938
#3	.3070993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.693	2285.522	49231.95	4520.099	2362.441
Stddev	4.525	7.624	2.05	5.565	3.405
%RSD	.2991140	.3335686	.0041644	.1231228	.1441111

#1	1514.441	2276.852	49230.86	4526.444	2358.539
#2	1507.555	2288.537	49230.68	4516.048	2364.801
#3	1516.083	2291.177	49234.32	4517.803	2363.985

Sample Name: I3078-06 Acquired: 5/17/2017 14:45:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1352333	.0850628	16.96020	.0243881	.0845990	30.66939
Stddev	.0077761	.0031900	.08148	.0062460	.0007408	.02015
%RSD	5.750161	3.750224	.4804137	25.61066	.8756849	.0656897

#1	.1314816	.0864895	16.93889	.0196965	.0854212	30.64666
#2	.1300444	.0814084	16.89150	.0219901	.0843924	30.67648
#3	.1441740	.0872906	17.05022	.0314777	.0839835	30.68504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.111086	.1015869	.2517223	F 1153.409	.4043411	1.282788
Stddev	.012552	.0002627	.0009153	.214	.0011849	.002214
%RSD	.2054028	.2585655	.3636104	.0185253	.2930440	.1725796

#1	6.098001	.1017691	.2517187	1153.163	.4034703	1.282498
#2	6.123027	.1017057	.2508089	1153.515	.4056904	1.280733
#3	6.112229	.1012858	.2526394	1153.550	.4038627	1.285132

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.250227	272.9885	F 31.75954	591.3836	1.199313	.0474854
Stddev	.004216	.8853	.06033	.3971	.002336	.0003003
%RSD	.3372534	.3242929	.1899706	.0671444	.1947802	.6323133

#1	1.251433	273.8983	31.69463	590.9251	1.199998	.0471496
#2	1.253709	272.1299	31.81392	591.6178	1.196711	.0475786
#3	1.245539	272.9374	31.77006	591.6078	1.201230	.0477280

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.915758	1.031351	6.840912	2.379182	3.808928	-.772065
Stddev	.031010	.004741	.008593	.025060	.001527	.003612
%RSD	1.063525	.4597010	.1256134	1.053291	.0400912	.4678845

#1	2.883364	1.032835	6.834017	2.403348	3.807317	-.774996
#2	2.918741	1.026045	6.850539	2.353315	3.810354	-.773170
#3	2.945167	1.035173	6.838180	2.380881	3.809114	-.768029

Sample Name: I3078-06 Acquired: 5/17/2017 14:45:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T1S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000412	21.20511	2.498790	.0109574	.3224800	.0341705
Stddev	.000332	.02135	.002755	.0011324	.0000576	.0002797
%RSD	80.57727	.1006635	.1102672	10.33437	.0178753	.8184240

#1	-.000792	21.18101	2.495708	.0105577	.3225459	.0339063
#2	-.000178	21.22162	2.501014	.0100791	.3224552	.0341417
#3	-.000267	21.21271	2.499649	.0122354	.3224389	.0344634

Elem	Sr4077
Units	ppm
Avg	.3090507
Stddev	.0006003
%RSD	.1942352

#1	.3087698
#2	.3097399
#3	.3086423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.853	2252.893	48768.83	4459.259	2330.935
Stddev	1.922	2.152	174.12	11.334	2.719
%RSD	.1295987	.0955030	.3570257	.2541713	.1166616

#1	1480.639	2253.264	48570.83	4446.495	2333.451
#2	1483.836	2250.579	48837.58	4463.134	2331.302
#3	1484.085	2254.834	48898.07	4468.147	2328.050

Sample Name: I3078-04LX5 Acquired: 5/17/2017 14:49:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170705	-.006727	3.458590	-.011957	.0001909	5.479487	.5133697
Stddev	.0009836	.000665	.040955	.004170	.0011080	.029101	.0023250
%RSD	5.761789	9.892149	1.184142	34.87427	580.4733	.5310956	.4528946

#1	.0169732	-.006536	3.471959	-.016661	.0006134	5.446498	.5115307
#2	.0161392	-.006178	3.491190	-.008714	-.001066	5.501522	.5125953
#3	.0180991	-.007467	3.412621	-.010496	.001025	5.490441	.5159831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021929	.0300420	253.8454	.0113117	.0525591	.1617079	62.24634
Stddev	.0001728	.0004685	1.4104	.0003314	.0009239	.0013216	.04313
%RSD	7.881592	1.559371	.5556002	2.929349	1.757836	.8173029	.0692825

#1	.0022135	.0301467	252.2517	.0109371	.0530706	.1601876	62.20724
#2	.0023545	.0304493	254.3520	.0115667	.0531141	.1625826	62.29260
#3	.0020107	.0295301	254.9324	.0114313	.0514925	.1623537	62.23917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.166576	126.9804	.0415660	.0012220	.5896189	.0140889	1.216204
Stddev	.045996	.6104	.0007905	.0001501	.0093509	.0023448	.021602
%RSD	.6418077	.4806785	1.901876	12.28576	1.585919	16.64260	1.776178

#1	7.114638	126.2763	.0414979	.0011554	.5972205	.0165961	1.197431
#2	7.202160	127.3065	.0423884	.0011168	.5791772	.0137205	1.211368
#3	7.182930	127.3585	.0408118	.0013939	.5924590	.0119502	1.239815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4315496	.6604321	-.171313	-.000599	3.903273	.4709673	-.000772
Stddev	.0451103	.0090051	.002720	.000271	.046377	.0045047	.000554
%RSD	10.45311	1.363520	1.587461	45.15361	1.188165	.9564814	71.84488

#1	.4678033	.6672622	-.171503	-.000820	3.938155	.4754818	-.000231
#2	.3810315	.6638071	-.173932	-.000681	3.921021	.4709476	-.001338
#3	.4458140	.6502270	-.168503	-.000297	3.850643	.4664724	-.000746

Sample Name: I3078-04LX5 Acquired: 5/17/2017 14:49:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0T1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0698872	.0051681	.0668399
Stddev	.0021156	.0011152	.0003872
%RSD	3.027196	21.57735	.5793318

#1	.0676627	.0051764	.0664278
#2	.0701251	.0040489	.0671963
#3	.0718738	.0062791	.0668956

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1564.435	2389.797	49869.50	4296.010	2961.353
Stddev	2.082	25.871	134.34	17.019	36.944
%RSD	.1330573	1.082578	.2693855	.3961692	1.247522

#1	1563.000	2370.467	49715.00	4293.507	2934.397
#2	1566.823	2379.736	49934.65	4280.381	2946.199
#3	1563.484	2419.187	49958.84	4314.143	3003.464

Sample Name: I3078-07 Acquired: 5/17/2017 14:53:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1053992	-.040112	41.21019	-.068527	.0033843	56.29378
Stddev	.0052103	.002948	.05461	.000645	.0017715	.11796
%RSD	4.943421	7.350642	.1325246	.9405037	52.34355	.2095453

#1	.1093380	-.037538	41.17436	-.067992	.0013412	56.16299
#2	.1073682	-.039469	41.18318	-.069242	.0043193	56.32622
#3	.0994913	-.043329	41.27305	-.068347	.0044923	56.39212

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.503567	.0109388	.3178830	F 962.1260	.0717597	.5225182
Stddev	.008070	.0000590	.0003406	.6845	.0009885	.0006727
%RSD	.1075425	.5397545	.1071539	.0711428	1.377509	.1287452

#1	7.496198	.0109208	.3175095	961.7021	.0708685	.5231635
#2	7.512190	.0108909	.3181765	962.9157	.0728229	.5218210
#3	7.502313	.0110048	.3179629	961.7603	.0715877	.5225701

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.641342	272.9803	29.57105	508.3243	.4161366	.0206974
Stddev	.002632	.7768	.03996	.4773	.0001815	.0004632
%RSD	.1603487	.2845447	.1351487	.0939018	.0436098	2.237848

#1	1.642630	272.1414	29.52548	507.8396	.4163460	.0203889
#2	1.638314	273.1248	29.60013	508.3395	.4160254	.0212300
#3	1.643081	273.6746	29.58753	508.7939	.4160383	.0204733

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.617964	.1540477	12.31479	5.015842	5.211460	-.787189
Stddev	.162580	.0063954	.03127	.004132	.011123	.006058
%RSD	6.210181	4.151575	.2538904	.0823783	.2134240	.7695162

#1	2.696048	.1573818	12.35086	5.017344	5.212291	-.784393
#2	2.726772	.1580873	12.29559	5.011169	5.199945	-.794140
#3	2.431072	.1466742	12.29791	5.019013	5.222144	-.783035

Sample Name: I3078-07 Acquired: 5/17/2017 14:53:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004612	25.71477	3.018937	.0191050	.4934092	.0508707
Stddev	.0003214	.07480	.015340	.0008626	.0019797	.0008985
%RSD	69.67385	.2908981	.5081188	4.515119	.4012302	1.766214

#1	.0000956	25.74194	3.004481	.0191849	.4911240	.0509109
#2	.0005891	25.63018	3.035029	.0199249	.4946038	.0517485
#3	.0006990	25.77219	3.017302	.0182052	.4944999	.0499529

Elem	Sr4077
Units	ppm
Avg	.3112281
Stddev	.0006159
%RSD	.1979088

#1	.3105845
#2	.3112878
#3	.3118120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.936	2445.834	52606.00	4758.170	2413.017
Stddev	1.434	5.402	257.87	11.115	5.345
%RSD	.0891498	.2208689	.4901903	.2335961	.2215026

#1	1607.592	2443.958	52663.79	4769.194	2410.106
#2	1608.769	2451.925	52324.14	4746.966	2419.185
#3	1610.447	2441.621	52830.07	4758.351	2409.758

Sample Name: I3078-08 Acquired: 5/17/2017 14:57:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680571	-.024437	14.28001	-.047111	.0042220	38.77916	4.516666
Stddev	.0045858	.000754	.05361	.001070	.0009345	.02584	.016216
%RSD	6.738230	3.083901	.3754091	2.270797	22.13410	.0666412	.3590311

#1	.0644513	-.023990	14.28191	-.048340	.0051562	38.75820	4.500215
#2	.0732184	-.025307	14.33263	-.046388	.0032872	38.77124	4.532636
#3	.0665016	-.024013	14.22547	-.046604	.0042227	38.80803	4.517147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081013	.0977488	508.0253	.0963936	.2010494	.5622543	210.8127
Stddev	.0001656	.0002721	1.7947	.0006591	.0009004	.0007947	.8143
%RSD	2.044107	.2784124	.3532710	.6837438	.4478719	.1413417	.3862513

#1	.0081639	.0979084	507.2983	.0963275	.2016812	.5626132	211.4940
#2	.0079135	.0979035	506.7082	.0957700	.2014486	.5613435	209.9109
#3	.0082265	.0974346	510.0695	.0970832	.2000183	.5628063	211.0333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.28064	255.8621	.2113488	.0018551	1.930362	.1645537	4.793685
Stddev	.05648	1.1233	.0008599	.0002474	.095958	.0048615	.039591
%RSD	.3089841	.4390373	.4068810	13.33832	4.970969	2.954377	.8258953

#1	18.25031	255.0724	.2107597	.0021220	1.858381	.1700060	4.757751
#2	18.24579	255.3658	.2123356	.0016334	1.893401	.1606705	4.836126
#3	18.34581	257.1481	.2109510	.0018097	2.039304	.1629845	4.787177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.548832	2.907685	-.578229	.0012209	13.92201	2.250938	.0076478
Stddev	.015783	.011326	.001552	.0004275	.05731	.004128	.0002502
%RSD	.6192058	.3895187	.2683411	35.01552	.4116687	.1833823	3.271040

#1	2.547292	2.904051	-.579991	.0016780	13.96741	2.255703	.0075169
#2	2.565327	2.920381	-.577632	.0011537	13.94100	2.248455	.0079363
#3	2.533875	2.898621	-.577065	.0008309	13.85761	2.248657	.0074903

Sample Name: I3078-08 Acquired: 5/17/2017 14:57:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4649143	.0277963	.1653664
Stddev	.0020158	.0009005	.0005819
%RSD	.4335774	3.239494	.3518927

#1	.4630351	.0280916	.1651222
#2	.4646643	.0285121	.1660306
#3	.4670433	.0267853	.1649463

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1609.164	2436.457	52267.45	4617.565	2678.054
Stddev	1.203	13.272	119.72	12.209	10.728
%RSD	.0747563	.5447065	.2290456	.2644098	.4005725

#1	1610.309	2428.702	52136.37	4607.181	2673.958
#2	1607.910	2428.888	52371.00	4631.015	2669.977
#3	1609.272	2451.782	52294.99	4614.501	2690.226

Sample Name: I3078-09 Acquired: 5/17/2017 15:01:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640602	-.041045	17.10624	-.064554	.0058391	39.84783
Stddev	.0039863	.002029	.04444	.001755	.0022981	.32398
%RSD	6.222781	4.943654	.2597616	2.717982	39.35660	.8130410

#1	.0633003	-.040643	17.09189	-.063346	.0051420	39.50943
#2	.0605086	-.039247	17.07075	-.066567	.0084050	39.87892
#3	.0683718	-.043245	17.15607	-.063750	.0039703	40.15514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.479548	.0107423	.1199600	F 1026.215	.0626374	.2516670
Stddev	.049891	.0000394	.0007506	6.815	.0004814	.0011121
%RSD	.9104867	.3668749	.6256889	.6641281	.7685380	.4418832

#1	5.434009	.0107273	.1203728	1018.530	.0628122	.2520431
#2	5.471760	.0107870	.1190936	1028.586	.0630070	.2504156
#3	5.532874	.0107125	.1204136	1031.527	.0620930	.2525422

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7478628	278.3448	F 30.19374	525.3810	.2265672	.0023466
Stddev	.0073339	3.1181	.16821	2.1422	.0008908	.0002875
%RSD	.9806434	1.120225	.5570955	.4077431	.3931485	12.25037

#1	.7394770	274.8263	30.00001	522.9307	.2265399	.0022653
#2	.7510342	279.4424	30.27860	526.3128	.2256904	.0021085
#3	.7530773	280.7657	30.30263	526.8995	.2274713	.0026659

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.899270	.1237048	5.195510	3.070392	3.960459	-.794571
Stddev	.109592	.0058630	.032605	.066226	.022133	.004551
%RSD	3.779993	4.739522	.6275540	2.156938	.5588571	.5727499

#1	3.001454	.1174574	5.168874	2.994279	3.937621	-.790095
#2	2.912826	.1290874	5.231870	3.114853	3.961942	-.794425
#3	2.783531	.1245697	5.185787	3.102044	3.981813	-.799194

Sample Name: I3078-09 Acquired: 5/17/2017 15:01:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000446	20.73135	3.619793	.0222544	.4139029	.0389352
Stddev	.000076	.07228	.017198	.0011678	.0027844	.0007309
%RSD	17.08209	.3486666	.4750969	5.247600	.6727294	1.877339

#1	-.000519	20.66065	3.600468	.0215909	.4112742	.0385618
#2	-.000367	20.72828	3.633413	.0236028	.4136139	.0397774
#3	-.000453	20.80512	3.625499	.0215695	.4168206	.0384664

Elem	Sr4077
Units	ppm
Avg	.2960284
Stddev	.0022259
%RSD	.7519336

#1	.2937353
#2	.2961694
#3	.2981804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1564.426	2357.130	50815.42	4562.758	2405.090
Stddev	12.520	7.870	123.87	31.849	6.182
%RSD	.8003140	.3338670	.2437694	.6980260	.2570472

#1	1578.166	2348.052	50957.90	4599.300	2401.815
#2	1553.661	2362.023	50755.09	4540.893	2412.220
#3	1561.451	2361.314	50733.27	4548.082	2401.233

Sample Name: I3078-10 Acquired: 5/17/2017 15:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646074	-.036739	16.07524	-.067593	.0042191	36.52791
Stddev	.0016324	.003224	.04857	.004969	.0005546	.04562
%RSD	2.526625	8.775639	.3021510	7.350898	13.14599	.1248902

#1	.0654833	-.039224	16.13073	-.072887	.0039648	36.55274
#2	.0656150	-.037898	16.04042	-.063031	.0048553	36.55573
#3	.0627241	-.033096	16.05458	-.066860	.0038372	36.47526

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.864679	.0102936	.1129526	F 984.5246	.0638261	.2357297
Stddev	.015385	.0000517	.0001476	1.4770	.0013587	.0004914
%RSD	.3162665	.5026031	.1306257	.1500194	2.128699	.2084405

#1	4.880183	.0103513	.1130675	984.2082	.0649974	.2361331
#2	4.864439	.0102782	.1127862	983.2314	.0641445	.2351825
#3	4.849415	.0102514	.1130042	986.1341	.0623366	.2358736

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6717624	266.5287	28.75631	503.4030	.2131783	.0019913
Stddev	.0020065	.2274	.03083	.3767	.0021760	.0004939
%RSD	.2986920	.0853094	.1071966	.0748291	1.020750	24.80308

#1	.6702876	266.6510	28.75098	503.5297	.2155960	.0016306
#2	.6740473	266.2664	28.72849	502.9793	.2113770	.0017891
#3	.6709524	266.6688	28.78945	503.7001	.2125618	.0025542

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.921291	.1140658	4.911044	2.772019	3.867804	-.766022
Stddev	.151580	.0037830	.085734	.017470	.009281	.005847
%RSD	5.188818	3.316526	1.745729	.6302394	.2399590	.7632690

#1	2.905941	.1115008	4.815967	2.784133	3.876609	-.766270
#2	2.777970	.1122862	4.982467	2.779932	3.868694	-.771741
#3	3.079962	.1184105	4.934698	2.751992	3.858110	-.760056

Sample Name: I3078-10 Acquired: 5/17/2017 15:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000572	19.90303	3.283724	.0122557	.3891160	.0362811
Stddev	.000117	.05923	.012389	.0002277	.0039302	.0001883
%RSD	20.52068	.2975920	.3772838	1.857686	1.010043	.5188914

#1	-.000702	19.97136	3.281867	.0120025	.3934164	.0361335
#2	-.000473	19.87143	3.296937	.0124437	.3857102	.0364931
#3	-.000542	19.86631	3.272369	.0123209	.3882215	.0362166

Elem	Sr4077
Units	ppm
Avg	.2810108
Stddev	.0005471
%RSD	.1946874

#1	.2812870
#2	.2813648
#3	.2803807

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.195	2340.498	50544.02	4601.910	2401.826
Stddev	9.272	2.592	25.30	15.399	3.490
%RSD	.6004447	.1107532	.0500576	.3346203	.1453019

#1	1552.697	2342.979	50571.50	4602.162	2398.218
#2	1534.309	2337.807	50521.70	4586.387	2402.076
#3	1545.579	2340.709	50538.85	4617.182	2405.185

Sample Name: I3078-11 Acquired: 5/17/2017 15:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993006	-.033326	31.12670	-.058508	.0046959	74.86997	9.697063
Stddev	.0015316	.001957	.06648	.001559	.0018822	.05463	.006784
%RSD	1.542398	5.871501	.2135659	2.665463	40.08256	.0729713	.0699577

#1	.1006414	-.033077	31.14173	-.057937	.0067865	74.87401	9.690934
#2	.0996289	-.031505	31.05400	-.060272	.0031359	74.92247	9.695904
#3	.0976314	-.035395	31.18438	-.057314	.0041653	74.81343	9.704352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108440	.1756639	474.5883	.0968765	.4156912	1.213754	256.9180
Stddev	.0000903	.0000981	1.2244	.0006228	.0012250	.003757	.6548
%RSD	.8328336	.0558687	.2579931	.6428962	.2946794	.3095643	.2548819

#1	.0108398	.1757417	473.4691	.0961628	.4152365	1.211510	257.5906
#2	.0109364	.1755537	475.8960	.0971565	.4147586	1.218092	256.8806
#3	.0107559	.1756964	474.3997	.0973102	.4170785	1.211661	256.2826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.66128	240.9922	.3917450	.0082918	1.901249	.2163695	8.351620
Stddev	.06496	.5412	.0013546	.0003039	.100046	.0080791	.040845
%RSD	.2745486	.2245852	.3457952	3.665236	5.262124	3.733918	.4890654

#1	23.60337	240.3726	.3916938	.0083000	1.987883	.2100922	8.372440
#2	23.73152	241.3725	.3904168	.0079839	1.924116	.2135317	8.304560
#3	23.64894	241.2317	.3931246	.0085915	1.791750	.2254846	8.377859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.886356	4.565986	-.728359	.0012488	19.85438	3.384639	.0222438
Stddev	.060990	.022662	.004547	.0005151	.06657	.009020	.0008018
%RSD	1.036128	.4963140	.6242531	41.24600	.3352765	.2664850	3.604614

#1	5.894998	4.575049	-.726235	.0011210	19.86540	3.376112	.0225144
#2	5.942565	4.540195	-.733579	.0008097	19.78300	3.394082	.0228753
#3	5.821506	4.582713	-.725263	.0018158	19.91476	3.383723	.0213417

Sample Name: I3078-11 Acquired: 5/17/2017 15:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6104571	.0512410	.2004865
Stddev	.0025022	.0001609	.0001780
%RSD	.4098925	.3139138	.0887753

#1	.6129148	.0511908	.2004963
#2	.6079126	.0511112	.2006595
#3	.6105438	.0514210	.2003039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.729	2541.924	54695.03	4864.820	2598.111
Stddev	9.726	3.277	110.03	4.592	4.692
%RSD	.5825010	.1289185	.2011663	.0943878	.1805882

#1	1663.112	2543.155	54568.78	4859.613	2595.991
#2	1680.896	2544.408	54745.84	4868.288	2603.489
#3	1665.179	2538.210	54770.48	4866.560	2594.854

Sample Name: I3078-12 Acquired: 5/17/2017 15:13:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514363	-.028349	15.56049	-.047829	.0026563	35.26026	4.119326
Stddev	.0038621	.001432	.22030	.002444	.0022703	.11317	.020574
%RSD	7.508422	5.051294	1.415791	5.110821	85.46721	.3209597	.4994552

#1	.0558851	-.026698	15.31026	-.045032	.0009929	35.35058	4.142100
#2	.0494786	-.029251	15.64594	-.048897	.0052427	35.29688	4.113795
#3	.0489450	-.029099	15.72527	-.049558	.0017333	35.13331	4.102083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080955	.0864827	539.7483	.1316882	.1603701	.5045677	221.6750
Stddev	.0001040	.0015998	1.1592	.0006327	.0017555	.0034446	.4355
%RSD	1.285176	1.849883	.2147743	.4804401	1.094664	.6826728	.1964641

#1	.0079764	.0846409	538.7853	.1322927	.1584283	.5037463	221.5389
#2	.0081408	.0872810	541.0350	.1310307	.1608371	.5083488	222.1622
#3	.0081692	.0875264	539.4248	.1317411	.1618449	.5016082	221.3237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02226	273.5142	.1841697	.0014896	2.448588	.1510681	4.122626
Stddev	.02436	.6987	.0032430	.0002127	.044502	.0031602	.029956
%RSD	.1737081	.2554347	1.760890	14.28112	1.817463	2.091908	.7266178

#1	14.01352	272.7454	.1804250	.0012443	2.469737	.1513116	4.137050
#2	14.04978	273.6872	.1860357	.0016227	2.397455	.1477932	4.088187
#3	14.00348	274.1102	.1860485	.0016019	2.478572	.1540995	4.142640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.579662	3.903141	-.619084	.0043967	13.51752	2.876910	.0088357
Stddev	.013543	.060973	.004268	.0003668	.16812	.014577	.0007964
%RSD	.5249943	1.562149	.6893967	8.342543	1.243708	.5066932	9.013615

#1	2.565456	3.838513	-.614160	.0040638	13.34070	2.860195	.0080654
#2	2.581104	3.911265	-.621369	.0043365	13.53654	2.886982	.0096559
#3	2.592427	3.959644	-.621723	.0047899	13.67532	2.883554	.0087860

Sample Name: I3078-12 Acquired: 5/17/2017 15:13:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4270095	.0272313	.1844784
Stddev	.0030776	.0001851	.0001899
%RSD	.7207294	.6796296	.1029312

#1	.4305559	.0274404	.1846817
#2	.4250393	.0271651	.1844478
#3	.4254334	.0270885	.1843056

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1589.564	2426.378	51942.86	4660.762	2651.426
Stddev	3.194	25.425	81.90	13.716	31.731
%RSD	.2009591	1.047860	.1576682	.2942942	1.196754

#1	1591.027	2455.735	51871.29	4671.778	2687.610
#2	1585.900	2411.435	52032.17	4645.399	2638.322
#3	1591.765	2411.965	51925.11	4665.108	2628.345

Sample Name: CCV022 Acquired: 5/17/2017 15:17:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.234720	5.038499	25.61334	5.108265	5.178837	369.2081
Stddev	.015602	.018720	.05797	.006257	.016109	5.4806
%RSD	.2980517	.3715440	.2263390	.1224785	.3110584	1.484425

#1	5.216740	5.022069	25.55295	5.102903	5.164908	373.2231
#2	5.244697	5.058879	25.61851	5.106752	5.175125	362.9642
#3	5.242723	5.034548	25.66855	5.115139	5.196479	371.4370

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18316	.4986777	2.535198	391.0337	15.32061	2.561000
Stddev	.13625	.0069929	.001029	5.2805	.08380	.002802
%RSD	1.337981	1.402282	.0405716	1.350404	.5469720	.1094029

#1	10.27918	.5032501	2.534025	395.0017	15.23715	2.558277
#2	10.02722	.4906278	2.535945	385.0403	15.31994	2.560849
#3	10.24307	.5021553	2.535625	393.0592	15.40475	2.563875

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39458	383.3686	14.59402	390.5664	2.546886	1.342807
Stddev	.21964	5.8335	.19734	5.6820	.001597	.005159
%RSD	1.426705	1.521653	1.352221	1.454811	.0627159	.3841635

#1	15.54567	387.3390	14.73998	394.4403	2.545049	1.336877
#2	15.14263	376.6710	14.36949	384.0437	2.547659	1.346256
#3	15.49543	386.0959	14.67259	393.2153	2.547949	1.345288

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.8068	2.431493	14.46269	158.4372	5.407478	F 4.296972
Stddev	5.8183	.028872	.10072	2.2546	.019597	.071210
%RSD	1.451655	1.187422	.6964283	1.423030	.3624045	1.657219

#1	404.7276	2.451725	14.57181	159.9784	5.396152	4.346211
#2	394.1216	2.398429	14.37328	155.8495	5.430106	4.215322
#3	403.5712	2.444323	14.44296	159.4838	5.396175	4.329385

Sample Name: CCV022 Acquired: 5/17/2017 15:17:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.118247	4.593736	5.119100	5.050744	5.088047	5.337738
Stddev	.015681	.028355	.078973	.003041	.075237	.078602
%RSD	.3063760	.6172461	1.542707	.0602172	1.478703	1.472571

#1	5.106063	4.620762	5.179249	5.051228	5.144224	5.395292
#2	5.112740	4.564217	5.029668	5.047490	5.002568	5.248183
#3	5.135939	4.596230	5.148382	5.053515	5.117349	5.369739

Elem	Sr4077
Units	ppm
Avg	5.239157
Stddev	.080155
%RSD	1.529917

#1	5.296984
#2	5.147659
#3	5.272828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.338	2071.500	44697.62	4084.855	2366.188
Stddev	7.789	6.076	137.55	59.130	4.956
%RSD	.5759690	.2933156	.3077239	1.447530	.2094507

#1	1344.012	2075.704	44835.45	4034.467	2371.901
#2	1353.555	2074.262	44697.02	4149.950	2363.048
#3	1359.447	2064.534	44560.37	4070.147	2363.613

Sample Name: CCB022 Acquired: 5/17/2017 15:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008308	.0022153	-.000772	.0000522	-.001292	.0087910	-.001923
Stddev	.0000345	.0007170	.001633	.0011635	.000534	.0010456	.000361
%RSD	4.147547	32.36788	211.5123	2227.238	41.29415	11.89417	18.76819

#1	.0008119	.0014651	.000900	-.000548	-.001862	.0093092	-.002261
#2	.0008706	.0022870	-.002364	.001393	-.000804	.0075875	-.001543
#3	.0008100	.0028938	-.000852	-.000688	-.001211	.0094764	-.001964

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000998	-.000131	.0252659	-.000092	-.000095	.0011605	.0103251
Stddev	.0000437	.000052	.0094812	.000290	.000030	.0014819	.0159347
%RSD	43.78971	39.38349	37.52582	313.8572	31.05001	127.6956	154.3293

#1	.0001432	-.000148	.0314595	-.000065	-.000062	.0011264	.0010142
#2	.0000558	-.000073	.0143509	.000183	-.000106	-.000304	.0012367
#3	.0001005	-.000172	.0299872	-.000395	-.000118	.002659	.0287245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000755	-.001388	.0004128	.0004662	-.026683	-.000047	.0002230
Stddev	.0001640	.020971	.0001907	.0001177	.085357	.004594	.0207061
%RSD	217.2103	1510.376	46.18448	25.25272	319.8976	9868.978	9286.521

#1	.0002633	-.007294	.0005228	.0005085	-.008878	-.004765	.0163119
#2	-.000040	-.018774	.0001927	.0003332	-.119537	.000214	.0074953
#3	.000003	.021902	.0005231	.0005571	.048368	.004411	-.023138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386549	.0005014	.0008455	.0003771	-.031296	-.002674	.0005874
Stddev	.0285212	.0012864	.0005584	.0003592	.006680	.000684	.0004451
%RSD	73.78416	256.5799	66.04203	95.26190	21.34409	25.56923	75.78403

#1	.0584377	.0013686	.0002150	.0005403	-.038375	-.003074	.0001725
#2	.0515657	.0011121	.0012777	-.000035	-.030410	-.003062	.0005320
#3	.0059613	-.000977	.0010439	.000626	-.025104	-.001884	.0010576

Sample Name: CCB022 Acquired: 5/17/2017 15:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000995	-.001798	.0000025
Stddev	.000779	.000984	.0000242
%RSD	78.29879	54.73239	953.7617

#1	-.001533	-.000692	.0000129
#2	-.000102	-.002124	.0000199
#3	-.001350	-.002578	-.000025

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.615	2591.560	53782.61	4377.160	3689.783
Stddev	7.868	7.864	149.46	5.479	1.821
%RSD	.4618165	.3034366	.2778892	.1251801	.0493658

#1	1694.544	2582.489	53623.80	4370.847	3687.711
#2	1708.591	2596.450	53803.52	4379.942	3691.131
#3	1707.709	2595.741	53920.51	4380.690	3690.508

Sample Name: I3078-13 Acquired: 5/17/2017 15:24:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530499	-.032335	20.92284	-.049873	.0025781	38.35220	4.539755
Stddev	.0014814	.002163	.02125	.004263	.0011252	.06847	.010268
%RSD	2.792423	6.689494	.1015579	8.546731	43.64579	.1785385	.2261859

#1	.0540264	-.033746	20.94005	-.050583	.0013356	38.43002	4.539471
#2	.0513454	-.029844	20.92938	-.045300	.0035285	38.32536	4.550163
#3	.0537780	-.033414	20.89909	-.053736	.0028703	38.30121	4.529632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095075	.1069949	757.9285	.0710320	.1882674	.6283042	229.5061
Stddev	.0000502	.0001175	4.3146	.0006650	.0000663	.0054371	1.2487
%RSD	.5280862	.1097972	.5692648	.9362465	.0352314	.8653548	.5440949

#1	.0095088	.1071014	762.4721	.0704113	.1883335	.6333008	230.8420
#2	.0094566	.1068689	753.8868	.0709507	.1882009	.6290979	229.3081
#3	.0095570	.1070143	757.4267	.0717339	.1882680	.6225139	228.3682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.82346	386.9502	.1987830	.0026056	2.291180	.1328479	5.012024
Stddev	.11777	1.0455	.0012702	.0000241	.207402	.0019755	.035473
%RSD	.6256359	.2701786	.6389990	.9255630	9.052171	1.487035	.7077487

#1	18.94835	388.0383	.2000234	.0026225	2.128811	.1347912	5.032601
#2	18.71443	385.9534	.1988408	.0025780	2.219910	.1329108	5.032407
#3	18.80760	386.8587	.1974849	.0026164	2.524820	.1308417	4.971064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.990413	4.784422	-.648038	-.000963	15.85216	2.245588	.0109769
Stddev	.019191	.023775	.006008	.000492	.03400	.022019	.0007080
%RSD	.6417644	.4969235	.9271812	51.13384	.2145003	.9805557	6.449606

#1	3.007879	4.793954	-.651894	-.000558	15.85566	2.267174	.0106657
#2	2.969868	4.801952	-.641115	-.000819	15.88427	2.223160	.0104778
#3	2.993491	4.757360	-.651105	-.001511	15.81653	2.246431	.0117872

Sample Name: I3078-13 Acquired: 5/17/2017 15:24:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4018670	.0346641	.2391236
Stddev	.0004719	.0002148	.0010250
%RSD	.1174188	.6195500	.4286318

#1	.4017437	.0349032	.2398730
#2	.4014690	.0346016	.2395422
#3	.4023883	.0344875	.2379556

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.702	2396.832	51911.79	4687.075	2509.598
Stddev	8.031	6.855	144.62	29.010	2.897
%RSD	.5039148	.2859952	.2785928	.6189256	.1154344

#1	1590.185	2391.922	51897.48	4653.870	2506.532
#2	1588.030	2404.664	51774.85	4707.499	2509.973
#3	1602.891	2393.911	52063.04	4699.858	2512.289

Sample Name: I3078-14 Acquired: 5/17/2017 15:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773182	-.028265	33.24321	-.048794	.0022428	60.13836	8.045196
Stddev	.0050497	.001355	.03679	.002228	.0013383	.10411	.003782
%RSD	6.531065	4.793204	.1106571	4.566376	59.67238	.1731225	.0470056

#1	.0725338	-.027925	33.28562	-.047119	.0033783	60.25571	8.047682
#2	.0768241	-.027112	33.21991	-.051323	.0007673	60.10229	8.047063
#3	.0825968	-.029757	33.22411	-.047940	.0025827	60.05707	8.040844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100090	.1382751	483.3001	.1007564	.2850414	.8318841	228.1168
Stddev	.0001104	.0007093	1.0875	.0006326	.0004799	.0019399	.6293
%RSD	1.102703	.5129665	.2250148	.6278656	.1683638	.2331941	.2758624

#1	.0101277	.1385083	483.1336	.1012971	.2849277	.8338931	228.7694
#2	.0099094	.1388385	484.4613	.1000607	.2855680	.8317375	228.0674
#3	.0099898	.1374786	482.3055	.1009113	.2846286	.8300217	227.5137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97606	243.1463	.3005992	.0063128	2.013304	.1932111	7.101649
Stddev	.06020	.6794	.0009480	.0003860	.162701	.0074388	.073279
%RSD	.4307403	.2794104	.3153742	6.115275	8.081279	3.850104	1.031854

#1	13.97079	243.2675	.3006099	.0066939	1.887063	.1849384	7.184003
#2	14.03873	243.7569	.3015418	.0059220	1.955931	.1953451	7.077300
#3	13.91868	242.4145	.2996459	.0063226	2.196919	.1993496	7.043645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.018994	5.701046	-.645225	-.000154	18.46140	2.379144	.0121602
Stddev	.031132	.023595	.000982	.000210	.03262	.006368	.0015616
%RSD	.6202870	.4138668	.1522393	136.6098	.1767193	.2676623	12.84197

#1	5.031121	5.726620	-.644767	-.000396	18.49225	2.375565	.0103738
#2	4.983624	5.696397	-.646353	-.000038	18.46471	2.375371	.0132660
#3	5.042238	5.680122	-.644555	-.000027	18.42725	2.386496	.0128409

Sample Name: I3078-14 Acquired: 5/17/2017 15:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0T9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4892745	.0445404	.2083633
Stddev	.0009938	.0002455	.0003567
%RSD	.2031261	.5512938	.1711734

#1	.4886409	.0447526	.2079623
#2	.4904199	.0445971	.2086451
#3	.4887627	.0442714	.2084827

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.450	2526.481	54594.58	4864.149	2637.467
Stddev	12.614	4.363	313.92	11.609	5.635
%RSD	.7560313	.1726864	.5750095	.2386699	.2136517

#1	1656.494	2523.378	54285.71	4853.554	2631.018
#2	1667.224	2531.469	54584.70	4862.333	2641.443
#3	1681.632	2524.595	54913.33	4876.559	2639.939

Sample Name: I3078-15 Acquired: 5/17/2017 15:32:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485260	-.024947	9.563368	-.044093	.0024661	17.71219	1.223136
Stddev	.0044430	.002420	.040329	.005774	.0012686	.01043	.001701
%RSD	9.156032	9.699087	.4217081	13.09489	51.44070	.0588778	.1390670

#1	.0448628	-.022175	9.541422	-.044183	.0010953	17.71248	1.224300
#2	.0534683	-.026634	9.609911	-.049822	.0027042	17.70162	1.223925
#3	.0472469	-.026033	9.538771	-.038275	.0035987	17.72247	1.221184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069927	.0609925	695.6977	.0616733	.1265246	.2784542	198.0938
Stddev	.0000577	.0003542	3.7552	.0007864	.0009160	.0021960	.8601
%RSD	.8247892	.5807990	.5397768	1.275111	.7239414	.7886281	.4341946

#1	.0070534	.0607168	691.6961	.0609443	.1266048	.2771396	197.2865
#2	.0069387	.0613920	696.2522	.0615690	.1273977	.2809893	197.9964
#3	.0069862	.0608687	699.1448	.0625067	.1255711	.2772338	198.9984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.83101	355.3536	.1188305	-.001064	2.140977	.0869990	3.065922
Stddev	.07139	1.4366	.0002409	.000430	.079830	.0050292	.024161
%RSD	.3599871	.4042722	.2027548	40.43782	3.728654	5.780774	.7880446

#1	19.75036	353.9058	.1187079	-.001335	2.081593	.0878388	3.074432
#2	19.85657	355.3764	.1186756	-.001289	2.231726	.0915554	3.084677
#3	19.88610	356.7787	.1191081	-.000568	2.109611	.0816027	3.038658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204222	2.785806	-.545557	-.001462	12.09781	1.754270	.0031783
Stddev	.034563	.009429	.002045	.000247	.03072	.009002	.0017934
%RSD	2.870136	.3384825	.3748376	16.92026	.2539563	.5131490	56.42724

#1	1.175242	2.792272	-.543199	-.001747	12.08399	1.746019	.0052436
#2	1.194948	2.790160	-.546838	-.001311	12.13301	1.752920	.0020151
#3	1.242475	2.774987	-.546634	-.001327	12.07642	1.763871	.0022760

Sample Name: I3078-15 Acquired: 5/17/2017 15:32:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2909820	.0197058	.1919042
Stddev	.0017992	.0006289	.0002671
%RSD	.6183304	3.191395	.1391908

#1	.2896373	.0199194	.1918495
#2	.2902827	.0189979	.1921944
#3	.2930259	.0202000	.1916687

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.610	2305.447	49463.83	4469.807	2577.451
Stddev	8.247	4.876	151.16	16.880	7.906
%RSD	.5477652	.2115162	.3055872	.3776523	.3067389

#1	1499.027	2301.945	49515.61	4488.423	2574.219
#2	1502.942	2303.379	49582.29	4465.505	2571.673
#3	1514.861	2311.017	49293.59	4455.495	2586.461

Sample Name: I3078-16 Acquired: 5/17/2017 15:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487119	-.032643	13.96037	-.057228	.0035501	25.17558
Stddev	.0027563	.000584	.01287	.002200	.0011734	.03889
%RSD	5.658481	1.790518	.0921781	3.844831	33.05258	.1544711

#1	.0515379	-.032454	13.94778	-.055116	.0022345	25.21574
#2	.0485669	-.033299	13.95983	-.059507	.0039270	25.17288
#3	.0460309	-.032177	13.97350	-.057062	.0044887	25.13811

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.335582	.0085953	.0839772	F 911.9396	.0595228	.1824975
Stddev	.001763	.0000902	.0004165	.6874	.0009116	.0003582
%RSD	.0528571	1.049973	.4959407	.0753729	1.531546	.1962805

#1	3.337573	.0085130	.0840297	912.3411	.0586203	.1827653
#2	3.334954	.0085813	.0835370	912.3317	.0604432	.1820906
#3	3.334219	.0086918	.0843650	911.1459	.0595050	.1826367

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4951755	233.1245	26.10939	467.8645	.1577965	.0003695
Stddev	.0017762	.5715	.00578	.9571	.0004638	.0001917
%RSD	.3587024	.2451398	.0221467	.2045665	.2939189	51.88538

#1	.4968227	233.1319	26.11561	468.7981	.1572691	.0005860
#2	.4932936	233.6922	26.10417	466.8855	.1579794	.0002216
#3	.4954102	232.5493	26.10838	467.9099	.1581408	.0003007

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.562728	.0887311	3.850103	2.059913	4.093613	-.660680
Stddev	.079024	.0027262	.038800	.014439	.004352	.002744
%RSD	3.083581	3.072439	1.007773	.7009384	.1063032	.4152871

#1	2.532878	.0860216	3.833148	2.053197	4.097917	-.662869
#2	2.502977	.0914738	3.822666	2.076487	4.093706	-.661569
#3	2.652329	.0886979	3.894495	2.050056	4.089215	-.657602

Sample Name: I3078-16 Acquired: 5/17/2017 15:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001329	17.30352	2.532493	.0178897	.3282316	.0289491
Stddev	.000227	.10442	.006887	.0029061	.0024674	.0007783
%RSD	17.07793	.6034607	.2719471	16.24441	.7517322	2.688399

#1	-.001329	17.20307	2.540428	.0190611	.3301780	.0290484
#2	-.001556	17.41150	2.528979	.0145807	.3290603	.0281260
#3	-.001102	17.29600	2.528072	.0200272	.3254565	.0296730

Elem	Sr4077
Units	ppm
Avg	.2555332
Stddev	.0002964
%RSD	.1160080

#1	.2555795
#2	.2558038
#3	.2552164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.465	2312.914	49691.74	4534.507	2448.748
Stddev	4.786	5.158	12.43	7.246	3.575
%RSD	.3151875	.2230029	.0250051	.1598059	.1459944

#1	1520.813	2311.882	49705.53	4526.799	2447.642
#2	1521.624	2308.350	49688.27	4535.542	2445.856
#3	1512.959	2318.510	49681.42	4541.181	2452.745

Sample Name: I3078-17 Acquired: 5/17/2017 15:40:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501383	-.024013	8.321667	-.044278	.0020996	15.08952	.5973437
Stddev	.0027115	.001383	.018894	.002451	.0016316	.02760	.0023580
%RSD	5.408123	5.759385	.2270506	5.535448	77.70888	.1829157	.3947489

#1	.0514565	-.025380	8.324507	-.041478	.0004128	15.11947	.5987560
#2	.0470197	-.024044	8.338981	-.046035	.0022162	15.08398	.5986535
#3	.0519388	-.022615	8.301513	-.045320	.0036697	15.06511	.5946215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062706	.0493203	598.9442	.0686420	.1192053	.1900735	184.0178
Stddev	.0000357	.0001017	2.1683	.0007843	.0008045	.0021173	.8111
%RSD	.5693560	.2061772	.3620198	1.142552	.6748906	1.113928	.4407813

#1	.0062360	.0494138	601.3126	.0680145	.1198183	.1891249	184.8160
#2	.0062687	.0493351	598.4632	.0695213	.1195031	.1885963	183.1943
#3	.0063073	.0492120	597.0568	.0683903	.1182943	.1924992	184.0430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.77979	303.3008	.1139250	-.001798	2.003314	.0958483	2.605997
Stddev	.03086	1.0810	.0005640	.000185	.225461	.0012887	.040621
%RSD	.1735650	.3564119	.4950202	10.28219	11.25438	1.344523	1.558759

#1	17.81499	304.4654	.1145762	-.001610	2.261078	.0971403	2.625144
#2	17.76695	302.3294	.1135988	-.001979	1.842795	.0958416	2.633506
#3	17.75742	303.1077	.1136000	-.001805	1.906069	.0945629	2.559341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8532517	2.955551	-.508560	-.000813	10.27751	3.019353	.0033301
Stddev	.0169288	.007732	.002757	.000104	.03220	.012885	.0006941
%RSD	1.984038	.2616006	.5421831	12.77883	.3133107	.4267403	20.84300

#1	.8514744	2.946772	-.511341	-.000931	10.24246	3.028725	.0036309
#2	.8372816	2.961345	-.505827	-.000733	10.28431	3.004660	.0038230
#3	.8709991	2.958537	-.508512	-.000776	10.30577	3.024675	.0025363

Sample Name: I3078-17 Acquired: 5/17/2017 15:40:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2974477	.0159461	.1627126
Stddev	.0003526	.0002434	.0004921
%RSD	.1185440	1.526577	.3024146

#1	.2978307	.0161994	.1629402
#2	.2971366	.0159249	.1630497
#3	.2973757	.0157139	.1621480

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.190	2300.097	49635.29	4431.458	2615.523
Stddev	17.032	2.606	303.82	13.477	4.402
%RSD	1.120373	.1133162	.6120954	.3041276	.1683184

#1	1505.594	2298.675	49371.38	4418.655	2611.165
#2	1516.074	2303.105	49567.08	4445.521	2615.436
#3	1538.903	2298.512	49967.41	4430.199	2619.968

Sample Name: I3078-18 Acquired: 5/17/2017 15:44:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415678	-.022595	7.376579	-.042089	.0015396	13.65886	.5263709
Stddev	.0032041	.001337	.025998	.001686	.0008625	.05658	.0013688
%RSD	7.708265	5.916189	.3524390	4.006889	56.01911	.4142114	.2600394

#1	.0452185	-.024126	7.403297	-.040244	.0024446	13.64295	.5249311
#2	.0402626	-.021659	7.351366	-.043552	.0014472	13.61194	.5276555
#3	.0392222	-.022000	7.375073	-.042469	.0007271	13.72169	.5265261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060094	.0464827	634.5375	.0606696	.1052716	.1615074	174.6111
Stddev	.0000204	.0002476	.9741	.0004920	.0001650	.0008182	1.4352
%RSD	.3392234	.5327228	.1535159	.8109596	.1567342	.5065978	.8219384

#1	.0060062	.0467369	635.4261	.0608340	.1053751	.1624473	174.8882
#2	.0059907	.0464691	633.4960	.0601164	.1050813	.1611210	173.0575
#3	.0060311	.0462422	634.6905	.0610583	.1053584	.1609540	175.8875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.34001	323.0024	.0968893	-.001617	2.040128	.0774521	2.298144
Stddev	.00678	.7562	.0007594	.000129	.031224	.0052905	.006711
%RSD	.0369591	.2341209	.7837346	7.945714	1.530516	6.830673	.2920286

#1	18.33218	322.7773	.0977541	-.001479	2.069750	.0827686	2.305171
#2	18.34386	322.3842	.0965821	-.001732	2.007516	.0721880	2.291801
#3	18.34398	323.8456	.0963316	-.001641	2.043118	.0773998	2.297459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7984767	2.216553	-.482555	-.001160	10.20136	1.288922	.0019640
Stddev	.0413699	.009120	.004559	.000248	.07130	.009361	.0008909
%RSD	5.181102	.4114652	.9448092	21.38267	.6989427	.7263028	45.36095

#1	.8052627	2.227081	-.480746	-.000970	10.27308	1.295607	.0009664
#2	.8360341	2.211085	-.479177	-.001069	10.13048	1.278223	.0022454
#3	.7541334	2.211491	-.487741	-.001440	10.20052	1.292936	.0026803

Sample Name: I3078-18 Acquired: 5/17/2017 15:44:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2655116	.0152115	.1695708
Stddev	.0024844	.0002957	.0005713
%RSD	.9357007	1.943986	.3369229

#1	.2662765	.0149512	.1691749
#2	.2627347	.0151503	.1693118
#3	.2675236	.0155331	.1702258

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.700	2298.215	49691.28	4440.194	2618.708
Stddev	9.350	5.988	25.23	24.970	12.074
%RSD	.6148453	.2605617	.0507803	.5623544	.4610640

#1	1531.406	2291.324	49665.85	4426.416	2605.423
#2	1516.557	2301.157	49691.68	4469.017	2629.013
#3	1514.138	2302.163	49716.31	4425.149	2621.687

Sample Name: I3078-19 Acquired: 5/17/2017 15:48:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1375129	-.031608	12.91307	-.070698	.0069030	99.74213	18.92750
Stddev	.0012708	.003983	.01581	.005322	.0003200	.25318	.16355
%RSD	.9241536	12.60102	.1224097	7.527494	4.635403	.2538362	.8640982

#1	.1373826	-.035296	12.92306	-.076381	.0067335	99.81293	18.74136
#2	.1363123	-.032143	12.92130	-.069884	.0067034	99.95237	18.99296
#3	.1388439	-.027384	12.89484	-.065831	.0072721	99.46108	19.04818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122060	.0620449	436.3629	.1353522	.2251251	.5148652	292.0434
Stddev	.0000776	.0000608	2.5068	.0004202	.0004435	.0027142	1.6654
%RSD	.6354283	.0980253	.5744870	.3104604	.1969985	.5271757	.5702459

#1	.0122278	.0621071	435.4516	.1358319	.2256338	.5136853	292.5787
#2	.0122703	.0620420	439.1980	.1351756	.2248197	.5129406	293.3753
#3	.0121198	.0619856	434.4393	.1350491	.2249218	.5179697	290.1762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.06717	224.6724	.2433207	-.002272	2.291427	.3378879	4.309742
Stddev	.07604	.7751	.0014878	.000313	.141595	.0019246	.048950
%RSD	.3789437	.3449829	.6114465	13.78577	6.179354	.5696076	1.135807

#1	20.03361	224.1314	.2447204	-.002070	2.128613	.3399913	4.270306
#2	20.15422	225.5603	.2434836	-.002113	2.359878	.3374574	4.364527
#3	20.01367	224.3255	.2417582	-.002632	2.385790	.3362149	4.294391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.983424	3.770015	-.830829	.0027237	20.91673	12.87824	.0170654
Stddev	.078493	.009461	.001617	.0001633	.01555	.03760	.0007165
%RSD	1.311847	.2509554	.1946685	5.995040	.0743545	.2919728	4.198669

#1	5.901946	3.765198	-.829029	.0026583	20.92782	12.85387	.0178153
#2	6.058546	3.763931	-.832159	.0026032	20.89895	12.92154	.0163877
#3	5.989781	3.780915	-.831301	.0029095	20.92341	12.85930	.0169934

Sample Name: I3078-19 Acquired: 5/17/2017 15:48:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.003597	.0603027	.2474358
Stddev	.004498	.0007549	.0006870
%RSD	.4482272	1.251885	.2776516

#1	1.005203	.0610478	.2476187
#2	1.007072	.0603220	.2480129
#3	.998516	.0595383	.2466759

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.268	2554.674	54804.02	4909.815	2643.592
Stddev	8.364	2.783	73.44	23.918	5.677
%RSD	.4965671	.1089556	.1339961	.4871380	.2147388

#1	1689.075	2551.684	54799.22	4913.187	2637.254
#2	1674.611	2557.191	54733.10	4884.390	2645.313
#3	1689.119	2555.147	54879.73	4931.867	2648.209

Sample Name: I3078-20 Acquired: 5/17/2017 15:53:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1145439	-.022367	13.13121	-.050308	.0037887	97.19477
Stddev	.0023493	.001903	.03197	.004106	.0011255	.25411
%RSD	2.051020	8.507981	.2435026	8.161604	29.70800	.2614426

#1	.1118484	-.022621	13.15421	-.054103	.0035554	97.30210
#2	.1156270	-.020350	13.09469	-.050870	.0027981	96.90461
#3	.1161562	-.024130	13.14471	-.045949	.0050126	97.37760

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.18054	.0103136	.0572069	172.4688	.1226155	.2335632
Stddev	.17125	.0000707	.0002889	1.0441	.0011378	.0010860
%RSD	.7720717	.6858668	.5050741	.6053878	.9279168	.4649720

#1	21.98323	.0102898	.0571746	171.4368	.1214234	.2348172
#2	22.26797	.0102579	.0569354	172.4448	.1227332	.2329441
#3	22.29043	.0103932	.0575106	173.5247	.1236898	.2329283

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901359	241.4638	15.98462	88.77867	.2470674	-.000978
Stddev	.0049156	.6022	.06941	.23822	.0001389	.000445
%RSD	1.002901	.2493926	.4342300	.2683305	.0562109	45.50806

#1	.4870655	241.3643	15.94118	88.70948	.2470594	-.000571
#2	.4958054	240.9175	15.94800	88.58270	.2469326	-.000909
#3	.4875368	242.1095	16.06467	89.04382	.2472100	-.001453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.694333	.3232998	3.779139	6.691308	3.325487	-.670720
Stddev	.085132	.0005716	.041467	.045652	.014541	.003896
%RSD	5.024491	.1767933	1.097271	.6822510	.4372522	.5808181

#1	1.751383	.3236232	3.736724	6.663490	3.341767	-.668482
#2	1.596480	.3236363	3.781103	6.666441	3.320904	-.668461
#3	1.735136	.3226398	3.819589	6.743995	3.313789	-.675219

Sample Name: I3078-20 Acquired: 5/17/2017 15:53:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031084	19.68128	12.74274	.0169212	1.024358	.0577225
Stddev	.0002709	.13430	.07270	.0009368	.004577	.0008521
%RSD	8.715464	.6823709	.5705537	5.536465	.4468480	1.476295

#1	.0032883	19.81348	12.72199	.0169136	1.023135	.0580000
#2	.0027968	19.54497	12.68268	.0159881	1.020517	.0567662
#3	.0032400	19.68540	12.82357	.0178617	1.029423	.0584014

Elem	Sr4077
Units	ppm
Avg	.2088870
Stddev	.0006717
%RSD	.3215660

#1	.2091109
#2	.2081320
#3	.2094182

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.659	2682.477	57215.71	5039.589	2876.617
Stddev	5.529	11.872	59.31	22.432	9.417
%RSD	.3129899	.4425794	.1036691	.4451194	.3273804

#1	1765.924	2670.854	57205.49	5048.571	2865.797
#2	1772.519	2681.993	57162.17	5056.139	2882.969
#3	1761.533	2694.584	57279.47	5014.058	2881.086

Sample Name: I3078-21 Acquired: 5/17/2017 15:57:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1149390	-.022404	12.98682	-.054506	.0048353	91.72338
Stddev	.0033327	.001064	.00964	.000528	.0010222	.06393
%RSD	2.899519	4.750238	.0742542	.9687873	21.14047	.0696967

#1	.1184982	-.023243	12.99790	-.054058	.0042280	91.75715
#2	.1118922	-.021207	12.98030	-.055088	.0042625	91.76334
#3	.1144265	-.022762	12.98227	-.054373	.0060155	91.64965

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.29577	.0103255	.0564133	172.3755	.1199143	.2309755
Stddev	.26019	.0001457	.0001010	.3611	.0004482	.0005142
%RSD	1.166983	1.411029	.1790982	.2094971	.3737476	.2226292

#1	22.32426	.0104855	.0565014	172.4509	.1194312	.2315501
#2	22.02251	.0102908	.0564355	171.9826	.1203166	.2308178
#3	22.54054	.0102003	.0563030	172.6929	.1199951	.2305586

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4898233	240.9703	16.03350	88.26452	.2417270	-.001310
Stddev	.0024008	.7418	.04110	.36977	.0012672	.000391
%RSD	.4901359	.3078343	.2563202	.4189350	.5242474	29.84306

#1	.4914428	240.8734	16.07568	88.64029	.2422059	-.001407
#2	.4870650	240.2817	15.99357	87.90106	.2402900	-.000879
#3	.4909621	241.7558	16.03126	88.25221	.2426850	-.001643

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.814660	.3268960	3.705861	6.401820	3.281235	-.678452
Stddev	.009443	.0102232	.032212	.041004	.005988	.002595
%RSD	.5203988	3.127357	.8692292	.6405035	.1825054	.3824297

#1	1.824565	.3342946	3.673399	6.362286	3.286113	-.680613
#2	1.813657	.3311628	3.706367	6.444150	3.274551	-.675574
#3	1.805758	.3152305	3.737818	6.399025	3.283040	-.679170

Sample Name: I3078-21 Acquired: 5/17/2017 15:57:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033154	19.46167	10.83369	.0138384	1.046661	.0529261
Stddev	.0000681	.05022	.01515	.0017251	.003006	.0004140
%RSD	2.053010	.2580305	.1398796	12.46568	.2872098	.7822560

#1	.0032967	19.51853	10.84871	.0119581	1.045177	.0531260
#2	.0032587	19.42339	10.81840	.0142093	1.044685	.0532023
#3	.0033909	19.44309	10.83396	.0153478	1.050120	.0524501

Elem	Sr4077
Units	ppm
Avg	.2067588
Stddev	.0006227
%RSD	.3011546

#1	.2071394
#2	.2070968
#3	.2060402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.123	2677.943	57248.94	5002.532	2893.055
Stddev	7.890	9.011	89.55	14.317	10.017
%RSD	.4464880	.3364838	.1564301	.2861985	.3462399

#1	1769.687	2668.197	57182.07	4987.579	2881.782
#2	1773.413	2679.659	57350.69	5016.115	2896.447
#3	1758.270	2685.972	57214.08	5003.901	2900.935

Sample Name: I3078-22 Acquired: 5/17/2017 16:01:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0641230	-.026986	16.92266	-.055055	.0021915	42.31917	5.371301
Stddev	.0007422	.003135	.03321	.003333	.0021177	.26107	.013340
%RSD	1.157407	11.61793	.1962265	6.054210	96.63697	.6169089	.2483598

#1	.0643204	-.029565	16.96091	-.053282	-.000080	42.62060	5.386599
#2	.0647465	-.023496	16.90586	-.058900	.004112	42.16462	5.365217
#3	.0633021	-.027898	16.90121	-.052983	.002542	42.17230	5.362088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086622	.0953260	539.3700	.0951006	.2186783	.5259801	213.2040
Stddev	.0000543	.0002838	1.6379	.0000714	.0003448	.0011747	.9895
%RSD	.6271594	.2977160	.3036720	.0750723	.1576621	.2233396	.4641143

#1	.0087245	.0956509	540.1353	.0951670	.2190330	.5273360	214.3348
#2	.0086374	.0951267	540.4853	.0950251	.2183444	.5252688	212.7804
#3	.0086248	.0952003	537.4896	.0951097	.2186574	.5253355	212.4968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.23935	272.0682	.2120410	.0010843	2.088762	.1569992	4.615270
Stddev	.03296	.2852	.0004080	.0004101	.102211	.0043241	.074652
%RSD	.1713288	.1048387	.1924129	37.81867	4.893367	2.754189	1.617503

#1	19.27741	272.3103	.2124483	.0008485	2.125973	.1539144	4.616347
#2	19.22011	271.7537	.2120423	.0008466	1.973159	.1619417	4.689378
#3	19.22052	272.1404	.2116323	.0015578	2.167154	.1551416	4.540085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.007357	4.286760	-.585533	-.000413	20.73014	11.66358	.0106517
Stddev	.047362	.016659	.003857	.000347	.03647	.04443	.0011205
%RSD	1.181884	.3886139	.6586632	83.93872	.1759364	.3808939	10.51904

#1	4.052793	4.298026	-.589977	-.000021	20.76792	11.71400	.0119145
#2	4.010999	4.267624	-.583569	-.000678	20.69513	11.64657	.0102642
#3	3.958279	4.294631	-.583054	-.000541	20.72737	11.63018	.0097765

Sample Name: I3078-22 Acquired: 5/17/2017 16:01:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6016952	.0310550	.1985436
Stddev	.0053545	.0007746	.0008045
%RSD	.8899096	2.494223	.4051923

#1	.6034085	.0319075	.1993553
#2	.6059834	.0308630	.1977466
#3	.5956937	.0303945	.1985290

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.406	2434.549	52432.32	4688.754	2630.311
Stddev	7.629	11.717	95.05	15.466	11.249
%RSD	.4766762	.4812650	.1812848	.3298511	.4276528

#1	1606.260	2425.834	52537.23	4671.132	2618.131
#2	1591.778	2429.945	52407.80	4695.055	2632.494
#3	1603.179	2447.869	52351.93	4700.075	2640.308

Sample Name: PB98941BL Acquired: 5/17/2017 16:05:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000127	.0004655	-.000437	.0005323	-.000859	.0006784	-.001437
Stddev	.001531	.0004350	.000299	.0009952	.001102	.0026258	.000366
%RSD	1201.101	93.44196	68.55133	186.9671	128.3371	387.0690	25.49216

#1	.000827	.0000378	-.000276	.0011662	.000413	.0033518	-.001105
#2	-.001894	.0004513	-.000252	-.000615	-.001530	-.001897	-.001830
#3	.000684	.0009074	-.000782	.001045	-.001460	.000580	-.001375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000490	-.000115	.0097475	-.000386	.0000822	.0013960	.0124191
Stddev	.0000366	.000053	.0128451	.000111	.0000592	.0021742	.0061551
%RSD	74.59805	46.48777	131.7779	28.77827	72.04009	155.7464	49.56161

#1	.0000482	-.000056	.0243694	-.000336	.0000886	.0038068	.0076859
#2	.0000129	-.000161	.0002806	-.000308	.0001381	.0007975	.0193773
#3	.0000861	-.000128	.0045927	-.000513	.0000201	-.000416	.0101941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005145	.0391463	.0002144	.0003648	.0134624	-.003044	-.004280
Stddev	.0009003	.0464014	.0001201	.0000800	.0595778	.003566	.003580
%RSD	174.9767	118.5332	56.03810	21.91938	442.5490	117.1321	83.64465

#1	-.000315	.0376592	.0003329	.0002747	.0019264	-.006749	-.000181
#2	.001472	-.006494	.0000928	.0004276	.0779646	.000364	-.005869
#3	.000387	.086273	.0002174	.0003920	-.039504	-.002747	-.006791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114280	-.000900	-.007057	-.000059	-.031652	-.002080	-.000530
Stddev	.0239159	.000368	.000284	.000216	.001853	.000360	.000889
%RSD	209.2749	40.87482	4.023901	366.8168	5.853565	17.32782	167.6455

#1	.0203342	-.001280	-.006754	.000191	-.030850	-.002229	.000411
#2	.0296129	-.000546	-.007100	-.000180	-.033771	-.001669	-.001355
#3	-.015663	-.000873	-.007318	-.000187	-.030336	-.002342	-.000646

Sample Name: PB98941BL Acquired: 5/17/2017 16:05:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000996	-.002174	-.000041
Stddev	.001037	.000832	.000067
%RSD	104.1541	38.29931	163.3908

#1	-.000882	-.001359	-.000019
#2	-.002086	-.003023	-.000116
#3	-.000020	-.002139	.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.182	2572.039	53321.74	4331.057	3667.127
Stddev	3.110	18.043	222.40	20.186	17.375
%RSD	.1856526	.7014938	.4170937	.4660680	.4737907

#1	1674.711	2552.986	53080.45	4308.187	3650.023
#2	1678.500	2574.267	53366.24	4338.598	3666.599
#3	1672.334	2588.865	53518.52	4346.387	3684.760

Sample Name: PB98941BS Acquired: 5/17/2017 16:09:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183315	.0554241	.0199143	.0704365	.1176806	.4101497
Stddev	.0011116	.0012094	.0003027	.0015352	.0007511	.0052697
%RSD	6.063638	2.182153	1.519894	2.179560	.6382728	1.284834

#1	.0177032	.0542793	.0196323	.0720421	.1172724	.4042741
#2	.0196149	.0553038	.0198765	.0689830	.1185474	.4117167
#3	.0176763	.0566891	.0202341	.0702843	.1172220	.4144581

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4054277	.0098629	.0093250	9.856425	.0224328	.0944393
Stddev	.0017300	.0001181	.0000706	.073888	.0004156	.0004999
%RSD	.4267027	1.197679	.7573574	.7496419	1.852555	.5292770

#1	.4074095	.0097273	.0092520	9.772437	.0223072	.0939168
#2	.4042198	.0099434	.0093301	9.885421	.0220944	.0944883
#3	.4046538	.0099179	.0093929	9.911416	.0228967	.0949129

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532362	.2415891	.0338512	9.544752	.0775772	.0201487
Stddev	.0008961	.0101584	.0007647	.032500	.0002251	.0001568
%RSD	1.683169	4.204848	2.259012	.3405016	.2901502	.7782273

#1	.0542704	.2302699	.0341931	9.553051	.0776821	.0199677
#2	.0526906	.2499134	.0343853	9.508908	.0773188	.0202410
#3	.0527477	.2445840	.0329752	9.572299	.0777308	.0202375

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19288	.1088032	.1133165	8.879800	F .0330008	F .0145472
Stddev	.10757	.0052838	.0145332	.045135	.0011940	.0003495
%RSD	1.055311	4.856275	12.82530	.5082916	3.617981	2.402679

#1	10.07466	.1057775	.1241053	8.931277	.0318502	.0147143
#2	10.28498	.1149043	.0967904	8.847003	.0329182	.0141455
#3	10.21901	.1057277	.1190538	8.861121	.0342338	.0147818

Sample Name: PB98941BS Acquired: 5/17/2017 16:09:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226523	.4790564	.2003691	F .0159841	.2094470	.0954447
Stddev	.0004026	.0044904	.0007772	.0004499	.0012685	.0005208
%RSD	1.777444	.9373417	.3878794	2.814398	.6056415	.5456456

#1	.0225983	.4792923	.2012273	.0156110	.2096742	.0953013
#2	.0222794	.4834242	.1997127	.0158578	.2080803	.0960222
#3	.0230792	.4744527	.2001673	.0164837	.2105866	.0950107

Elem	Sr4077
Units	ppm
Avg	.2173092
Stddev	.0005613
%RSD	.2583124

#1	.2179240
#2	.2168239
#3	.2171799

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.556	2493.334	52848.95	4404.514	3468.710
Stddev	5.230	10.189	123.34	5.614	10.184
%RSD	.3188210	.4086534	.2333804	.1274499	.2935961

#1	1637.465	2481.816	52806.14	4403.728	3456.975
#2	1646.595	2501.170	52987.99	4410.479	3473.929
#3	1637.607	2497.017	52752.72	4399.335	3475.227

Sample Name: I3080-01 Acquired: 5/17/2017 16:13:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732540	-.027878	28.25508	-.050625	.0021704	65.73970	9.910714
Stddev	.0040676	.001298	.05053	.004972	.0023439	.16851	.032518
%RSD	5.552741	4.656588	.1788289	9.821795	107.9946	.2563334	.3281137

#1	.0762806	-.029360	28.20912	-.047060	.0027965	65.90500	9.948262
#2	.0748512	-.026938	28.24693	-.056305	-.000423	65.74595	9.891703
#3	.0686302	-.027338	28.30919	-.048509	.004138	65.56815	9.892178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088061	.1415826	443.5153	.0948225	.3188385	.8001772	208.8891
Stddev	.0000769	.0003860	1.3578	.0005270	.0008949	.0041012	.2274
%RSD	.8730556	.2726363	.3061355	.5557319	.2806745	.5125383	.1088384

#1	.0088948	.1411792	442.6257	.0953585	.3187651	.8038857	208.9449
#2	.0087586	.1416202	445.0782	.0948040	.3179826	.8008733	209.0834
#3	.0087650	.1419485	442.8421	.0943051	.3197679	.7957724	208.6390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.64720	209.3974	.2995592	.0061379	1.716959	.1725646	7.064661
Stddev	.03910	.3267	.0003705	.0000584	.020832	.0032762	.040633
%RSD	.1726281	.1560062	.1236881	.9519034	1.213284	1.898526	.5751649

#1	22.61265	209.0797	.2998502	.0061852	1.740881	.1698318	7.025214
#2	22.68964	209.7323	.2991421	.0060726	1.702817	.1761964	7.106386
#3	22.63931	209.3803	.2996854	.0061558	1.707178	.1716654	7.062382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.096210	6.615077	-.588183	.0005216	26.00647	2.402908	.0141338
Stddev	.062504	.017002	.001751	.0002709	.08315	.008803	.0011733
%RSD	1.025292	.2570160	.2977269	51.93989	.3197302	.3663289	8.301651

#1	6.162556	6.596501	-.586490	.0004860	25.92531	2.401914	.0128959
#2	6.038432	6.618863	-.588071	.0008086	26.00262	2.394645	.0152296
#3	6.087642	6.629867	-.589987	.0002703	26.09148	2.412165	.0142760

Sample Name: I3080-01 Acquired: 5/17/2017 16:13:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4990179	.0438766	.2262237
Stddev	.0009210	.0005577	.0007036
%RSD	.1845581	1.271117	.3110143

#1	.4993251	.0440986	.2270238
#2	.4997461	.0432420	.2257015
#3	.4979826	.0442890	.2259458

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.702	2515.957	53816.39	4809.028	2649.767
Stddev	5.926	8.274	14.58	10.754	3.382
%RSD	.3623096	.3288456	.0270887	.2236217	.1276451

#1	1637.637	2513.208	53800.30	4799.002	2647.868
#2	1629.050	2509.407	53820.15	4807.697	2647.761
#3	1640.419	2525.255	53828.72	4820.386	2653.672

Sample Name: I3080-02 Acquired: 5/17/2017 16:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771590	-.027099	22.92902	-.047826	.0030088	62.03964	10.73135
Stddev	.0010711	.001685	.01387	.003851	.0010181	.12639	.01617
%RSD	1.388222	6.216588	.0604926	8.051195	33.83724	.2037205	.1507235

#1	.0774444	-.026220	22.93405	-.050765	.0041481	62.16741	10.73337
#2	.0759741	-.026036	22.93968	-.043467	.0026899	61.91468	10.71427
#3	.0780585	-.029041	22.91334	-.049247	.0021883	62.03682	10.74643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096417	.1269804	451.7488	.0916024	.2679861	.7759411	213.2893
Stddev	.0000526	.0004351	.7824	.0004132	.0006068	.0046943	.2956
%RSD	.5452593	.3426746	.1731887	.4511049	.2264175	.6049816	.1385964

#1	.0096963	.1272148	450.9007	.0911401	.2683998	.7794393	212.9623
#2	.0095915	.1272481	451.9031	.0917314	.2682689	.7706062	213.3684
#3	.0096373	.1264783	452.4425	.0919357	.2672895	.7777780	213.5374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.44649	208.8521	.2964696	.0033174	1.924958	.2024554	6.487817
Stddev	.00487	.2705	.0002724	.0002605	.141083	.0062926	.090262
%RSD	.0264055	.1295300	.0918693	7.851265	7.329136	3.108157	1.391248

#1	18.44193	208.7057	.2967033	.0034059	1.897580	.2095018	6.590315
#2	18.44592	208.6863	.2965350	.0035220	1.799571	.1973967	6.420204
#3	18.45162	209.1643	.2961704	.0030242	2.077723	.2004677	6.452931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.496408	6.994888	-.596866	.0001488	32.69989	2.636442	.0110165
Stddev	.012161	.016173	.002242	.0004120	.03007	.013228	.0011073
%RSD	.2212572	.2312140	.3756256	276.8619	.0919724	.5017202	10.05119

#1	5.489903	7.009708	-.594278	.0005655	32.67863	2.633259	.0122883
#2	5.510438	6.977637	-.598208	.0001394	32.68675	2.650970	.0104945
#3	5.488882	6.997319	-.598112	-.000258	32.73430	2.625096	.0102667

Sample Name: I3080-02 Acquired: 5/17/2017 16:17:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0W9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5650785	.0401644	.2462091
Stddev	.0016076	.0003947	.0004620
%RSD	.2844974	.9827579	.1876364

#1	.5658571	.0399601	.2467253
#2	.5661485	.0399137	.2460676
#3	.5632297	.0406194	.2458345

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.039	2562.507	55376.82	4960.125	2654.047
Stddev	4.902	8.293	35.65	7.996	4.410
%RSD	.2912349	.3236360	.0643711	.1612127	.1661469

#1	1680.170	2571.000	55335.91	4953.613	2656.186
#2	1680.248	2554.429	55401.24	4957.711	2648.976
#3	1688.699	2562.091	55393.30	4969.050	2656.980

Sample Name: I3080-03 Acquired: 5/17/2017 16:21:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677226	-.032191	19.02024	-.053586	.0018259	50.88893	7.641527
Stddev	.0009963	.001342	.03973	.001013	.0011927	.18725	.022366
%RSD	1.471201	4.169525	.2088821	1.890651	65.32237	.3679567	.2926870

#1	.0685523	-.031984	19.04186	-.052745	.0025230	51.09414	7.667319
#2	.0679978	-.030964	19.04447	-.054711	.0004487	50.72733	7.627496
#3	.0666175	-.033624	18.97439	-.053303	.0025061	50.84533	7.629766

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096172	.1071811	704.9356	.0841940	.2372885	.6143609	231.5086
Stddev	.0000447	.0005160	2.3321	.0004078	.0001675	.0028167	.9628
%RSD	.4650488	.4813837	.3308232	.4844082	.0705680	.4584682	.4158989

#1	.0096681	.1072475	707.6030	.0840738	.2373671	.6175153	232.4100
#2	.0095992	.1076607	703.2824	.0846485	.2374021	.6120976	230.4943
#3	.0095843	.1066352	703.9213	.0838598	.2370962	.6134698	231.6214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.13054	349.9808	.2360685	.0016657	2.324658	.1618861	5.425756
Stddev	.07587	.8184	.0011154	.0006182	.083717	.0045655	.035792
%RSD	.3280103	.2338487	.4725051	37.11267	3.601251	2.820194	.6596722

#1	23.21588	350.9054	.2349891	.0018354	2.291130	.1645364	5.400488
#2	23.07072	349.6880	.2372168	.0009804	2.262902	.1566143	5.466714
#3	23.10501	349.3491	.2359995	.0021813	2.419942	.1645075	5.410066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.511390	6.066553	-.659713	-.000752	25.40911	2.494197	.0128726
Stddev	.022137	.025444	.004363	.000052	.13265	.017382	.0010328
%RSD	.4906823	.4194148	.6613442	6.855135	.5220700	.6968961	8.023199

#1	4.516673	6.088859	-.664737	-.000740	25.44167	2.512667	.0139633
#2	4.530407	6.071959	-.656879	-.000708	25.52245	2.478159	.0119095
#3	4.487090	6.038840	-.657522	-.000809	25.26321	2.491765	.0127451

Sample Name: I3080-03 Acquired: 5/17/2017 16:21:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4793952	.0388179	.2674099
Stddev	.0010772	.0005800	.0007186
%RSD	.2247008	1.494065	.2687198

#1	.4805660	.0388701	.2682213
#2	.4791734	.0382135	.2668539
#3	.4784461	.0393699	.2671546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1578.977	2413.180	52053.28	4708.581	2497.157
Stddev	3.984	11.252	89.59	33.353	7.173
%RSD	.2523349	.4662702	.1721074	.7083423	.2872548

#1	1574.775	2400.463	51959.67	4670.311	2489.157
#2	1579.455	2421.844	52061.95	4731.454	2499.298
#3	1582.701	2417.233	52138.21	4723.977	2503.016

Sample Name: I3080-04 Acquired: 5/17/2017 16:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805234	-.029768	25.23222	-.049124	.0025862	70.32441	12.42727
Stddev	.0029562	.003186	.02262	.003737	.0014846	.10158	.01343
%RSD	3.671206	10.70178	.0896439	7.606603	57.40309	.1444471	.1080631

#1	.0798428	-.031188	25.22696	-.045624	.0032170	70.41500	12.43916
#2	.0779669	-.026120	25.25700	-.048688	.0008904	70.21459	12.41270
#3	.0837606	-.031997	25.21269	-.053059	.0036512	70.34364	12.42994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093637	.1196943	419.5502	.1108237	.2812377	.7090586	216.4576
Stddev	.0000697	.0001877	.3075	.0004956	.0007517	.0055815	.2374
%RSD	.7448222	.1568214	.0733042	.4472258	.2672808	.7871752	.1096825

#1	.0092902	.1194796	419.7792	.1109593	.2820941	.7152632	216.5661
#2	.0094290	.1197755	419.6707	.1102743	.2809317	.7044461	216.6215
#3	.0093717	.1198276	419.2007	.1112373	.2806872	.7074666	216.1854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.79515	192.7233	.2861010	.0036754	1.681219	.2109564	6.522537
Stddev	.01988	.7030	.0011120	.0000718	.264685	.0043556	.012290
%RSD	.1004455	.3647888	.3886698	1.952879	15.74364	2.064705	.1884238

#1	19.81766	193.3825	.2848203	.0036398	1.428286	.2121783	6.524973
#2	19.78000	191.9834	.2866611	.0037580	1.956268	.2145706	6.509212
#3	19.78779	192.8041	.2868215	.0036284	1.659103	.2061203	6.533428

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.293397	6.520519	-.614727	.0005636	29.62833	2.188381	.0149323
Stddev	.032149	.027622	.002144	.0003435	.08194	.002693	.0002759
%RSD	.5108433	.4236162	.3487962	60.95047	.2765524	.1230644	1.847524

#1	6.301336	6.536746	-.614334	.0007006	29.71857	2.189482	.0146637
#2	6.258022	6.536186	-.612806	.0008175	29.60782	2.190349	.0149182
#3	6.320833	6.488626	-.617040	.0001727	29.55859	2.185312	.0152149

Sample Name: I3080-04 Acquired: 5/17/2017 16:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5631290	.0460238	.2424885
Stddev	.0027475	.0005059	.0006042
%RSD	.4879043	1.099130	.2491439

#1	.5661971	.0454432	.2430995
#2	.5622943	.0463699	.2418914
#3	.5608957	.0462582	.2424747

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1652.657	2538.404	54284.68	4828.788	2675.297
Stddev	2.341	8.553	156.92	13.921	1.561
%RSD	.1416421	.3369398	.2890730	.2882855	.0583633

#1	1650.808	2530.825	54107.10	4812.853	2675.069
#2	1651.873	2547.677	54404.64	4834.925	2676.960
#3	1655.289	2536.709	54342.31	4838.585	2673.862

Sample Name: I3080-05 Acquired: 5/17/2017 16:29:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853114	-.031452	28.04954	-.054855	.0048606	69.91517	8.888965
Stddev	.0016419	.003427	.10206	.000370	.0017289	.22525	.056331
%RSD	1.924617	10.89641	.3638665	.6736429	35.57056	.3221703	.6337162

#1	.0839533	-.030673	28.16514	-.054763	.0047965	69.87372	8.844275
#2	.0871361	-.028482	27.97187	-.055262	.0066207	70.15825	8.952240
#3	.0848448	-.035202	28.01161	-.054540	.0031646	69.71352	8.870380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103090	.1402035	478.5968	.0880073	.3215079	.8698736	233.8734
Stddev	.0001131	.0007157	1.0582	.0006975	.0008467	.0067693	.3864
%RSD	1.097021	.5104899	.2211057	.7925508	.2633608	.7781919	.1651967

#1	.0104393	.1409639	478.4837	.0883911	.3217640	.8627108	234.2697
#2	.0102518	.1395430	479.7069	.0872022	.3205628	.8761651	233.4978
#3	.0102360	.1401035	477.5996	.0884287	.3221971	.8707448	233.8528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.84875	240.9421	.3002963	.0059581	2.060244	.1968063	6.717576
Stddev	.06170	.5242	.0012586	.0001258	.097455	.0035259	.074718
%RSD	.2700328	.2175833	.4191288	2.112036	4.730256	1.791549	1.112278

#1	22.86053	240.7352	.3017289	.0058130	2.065291	.1931544	6.635736
#2	22.90370	241.5382	.2993682	.0060237	1.960363	.1970735	6.782148
#3	22.78200	240.5528	.2997919	.0060376	2.155077	.2001910	6.734844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.811331	5.605106	-.665854	.0000404	23.18424	2.255707	.0118528
Stddev	.029855	.019377	.003760	.0001931	.09416	.013355	.0012640
%RSD	.5137414	.3457106	.5646680	478.0184	.4061405	.5920721	10.66429

#1	5.777020	5.627479	-.670147	-.000115	23.29239	2.268511	.0105121
#2	5.825589	5.593701	-.663146	.000257	23.12052	2.241862	.0120236
#3	5.831385	5.594136	-.664269	-.000020	23.13980	2.256749	.0130227

Sample Name: I3080-05 Acquired: 5/17/2017 16:29:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4934474	.0471947	.2103292
Stddev	.0015273	.0001927	.0009943
%RSD	.3095077	.4083419	.4727283

#1	.4941017	.0471270	.2097942
#2	.4945384	.0470450	.2114764
#3	.4917020	.0474122	.2097170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.720	2535.992	54508.75	4896.518	2613.102
Stddev	3.886	3.955	11.50	19.838	7.626
%RSD	.2352570	.1559552	.0210983	.4051404	.2918323

#1	1652.817	2536.452	54506.38	4874.918	2604.964
#2	1647.403	2531.827	54521.26	4900.714	2614.259
#3	1654.939	2539.697	54498.63	4913.922	2620.084

Sample Name: I3080-06 Acquired: 5/17/2017 16:33:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0843192	-.030323	28.01307	-.055741	.0032294	70.01665	8.896524
Stddev	.0027291	.000890	.03654	.004886	.0008824	.11728	.033026
%RSD	3.236619	2.935134	.1304274	8.766210	27.32398	.1675068	.3712265

#1	.0853122	-.029477	28.05187	-.056766	.0032081	70.01535	8.873523
#2	.0812326	-.030239	27.97933	-.060033	.0041223	69.90002	8.881681
#3	.0864128	-.031252	28.00802	-.050423	.0023578	70.13458	8.934367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104737	.1395624	478.8017	.0883790	.3212711	.8726412	235.1722
Stddev	.0001069	.0003663	.0731	.0003652	.0001482	.0032663	.3289
%RSD	1.020739	.2624327	.0152609	.4132220	.0461304	.3742959	.1398729

#1	.0105965	.1399729	478.8562	.0882192	.3213119	.8733986	235.5466
#2	.0104233	.1392690	478.7186	.0881209	.3213946	.8690628	235.0405
#3	.0104013	.1394455	478.8301	.0887969	.3211068	.8754623	234.9296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.83050	240.4979	.3003978	.0061226	2.029042	.1970260	6.652464
Stddev	.04136	.6818	.0014275	.0003038	.161426	.0061002	.078735
%RSD	.1811501	.2835019	.4751992	4.961346	7.955764	3.096153	1.183551

#1	22.82663	240.5965	.3020418	.0059679	1.848989	.1942020	6.622775
#2	22.79121	239.7721	.2994723	.0064725	2.077308	.1928496	6.741727
#3	22.87365	241.1250	.2996792	.0059272	2.160829	.2040265	6.592889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.814592	5.607990	-.668281	.0006373	23.13859	2.259274	.0139600
Stddev	.020804	.012117	.002172	.0000835	.04356	.005846	.0014726
%RSD	.3577872	.2160726	.3250330	13.10420	.1882483	.2587753	10.54869

#1	5.831778	5.614821	-.666053	.0007275	23.18097	2.260788	.0144211
#2	5.820534	5.593999	-.670393	.0006219	23.09394	2.252819	.0151469
#3	5.791463	5.615149	-.668397	.0005626	23.14086	2.264215	.0123121

Sample Name: I3080-06 Acquired: 5/17/2017 16:33:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4944099	.0470547	.2102622
Stddev	.0002081	.0005655	.0005354
%RSD	.0420971	1.201819	.2546300

#1	.4944153	.0464958	.2105731
#2	.4941991	.0476266	.2096440
#3	.4946153	.0470417	.2105695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.258	2521.007	54486.37	4895.074	2606.027
Stddev	12.590	5.135	102.90	13.192	6.470
%RSD	.7592476	.2036880	.1888537	.2694993	.2482519

#1	1663.686	2516.871	54568.26	4879.891	2599.339
#2	1643.865	2519.396	54370.86	4903.732	2606.489
#3	1667.224	2526.755	54519.98	4901.600	2612.253

Sample Name: I3080-07 Acquired: 5/17/2017 16:37:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543522	.0881301	28.31465	.0244435	.0740185	81.46296	12.73910
Stddev	.0053513	.0020795	.04646	.0036234	.0015343	.19101	.19011
%RSD	3.466934	2.359523	.1640948	14.82363	2.072812	.2344783	1.492360

#1	.1602160	.0904293	28.36159	.0285768	.0730180	81.55016	12.94662
#2	.1497326	.0863812	28.31367	.0218146	.0757849	81.59480	12.69734
#3	.1531080	.0875798	28.26868	.0229390	.0732525	81.24391	12.57333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913937	.2340333	485.1380	.4267092	1.302133	1.342197	242.9533
Stddev	.0003095	.0001251	1.0517	.0010031	.001212	.002533	.9427
%RSD	.3385859	.0534678	.2167849	.2350784	.0930802	.1887350	.3880344

#1	.0912315	.2340744	486.1443	.4278630	1.300809	1.345110	242.3348
#2	.0917506	.2338928	485.2238	.4262210	1.302402	1.340970	244.0383
#3	.0911992	.2341327	484.0461	.4260437	1.303188	1.340511	242.4867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.00285	245.1384	1.273109	.0456056	2.140398	1.057880	7.600550
Stddev	.03386	.7017	.002428	.0005738	.065111	.004699	.040048
%RSD	.1410612	.2862641	.1907402	1.258156	3.042027	.4441813	.5269130

#1	24.04192	245.9120	1.275529	.0449792	2.148704	1.053387	7.628590
#2	23.98226	244.9604	1.273125	.0457321	2.200958	1.062761	7.618376
#3	23.98436	244.5428	1.270673	.0461057	2.071532	1.057492	7.554684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.642413	5.604497	-.688879	.0005732	23.41290	3.461718	.0141236
Stddev	.031826	.020224	.002624	.0003754	.03788	.005201	.0022692
%RSD	.4791267	.3608563	.3808732	65.50296	.1617811	.1502339	16.06675

#1	6.662470	5.581502	-.688911	.0009079	23.40389	3.467301	.0127306
#2	6.659051	5.619519	-.691487	.0006444	23.38034	3.460842	.0128981
#3	6.605717	5.612471	-.686240	.0001672	23.45447	3.457011	.0167420

Sample Name: I3080-07 Acquired: 5/17/2017 16:37:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5771869	.0509284	.2177090
Stddev	.0041476	.0002380	.0006054
%RSD	.7185890	.4672216	.2780583

#1	.5738766	.0511995	.2181249
#2	.5818394	.0508318	.2179876
#3	.5758446	.0507540	.2170145

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.991	2506.617	54455.80	4896.834	2578.985
Stddev	6.438	5.752	36.07	10.459	5.708
%RSD	.3923293	.2294871	.0662399	.2135875	.2213320

#1	1633.802	2500.386	54491.82	4891.376	2573.064
#2	1642.946	2507.738	54419.68	4890.234	2579.437
#3	1646.225	2511.726	54455.90	4908.894	2584.453

Sample Name: I3080-05LX5 Acquired: 5/17/2017 16:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178160	-.003810	5.779859	-.013370	-.000703	15.40869	1.966646
Stddev	.0012284	.000481	.017560	.001846	.001504	.03204	.008803
%RSD	6.894636	12.63847	.3038129	13.81100	213.8334	.2079496	.4476030

#1	.0188707	-.004009	5.781109	-.014931	-.002224	15.44569	1.973025
#2	.0181099	-.004159	5.796760	-.011331	-.000670	15.39035	1.970310
#3	.0164673	-.003260	5.761707	-.013847	.000784	15.39003	1.956603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024575	.0272877	108.8857	.0216131	.0631898	.1969883	55.75842
Stddev	.0001013	.0000621	.3008	.0002355	.0001659	.0026270	.17367
%RSD	4.122865	.2273866	.2762248	1.089596	.2625228	1.333565	.3114714

#1	.0024276	.0272260	108.6468	.0213642	.0629984	.1945548	55.57087
#2	.0023745	.0272870	109.2235	.0218324	.0632791	.1966368	55.79070
#3	.0025704	.0273501	108.7868	.0216426	.0632919	.1997733	55.91368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.488133	53.30081	.0608669	.0014999	.3870487	.0464388	1.455756
Stddev	.009981	.15151	.0003299	.0002362	.0784457	.0034848	.015277
%RSD	.1818700	.2842503	.5419430	15.74735	20.26766	7.504064	1.049439

#1	5.479670	53.13083	.0612383	.0012928	.3186323	.0463721	1.438424
#2	5.499140	53.35000	.0607542	.0017572	.4726683	.0429878	1.461579
#3	5.485587	53.42162	.0606081	.0014497	.3698456	.0499564	1.467266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.240790	1.039707	-.157605	-.000081	4.296435	.5317003	-.000091
Stddev	.063418	.006749	.001020	.000230	.032192	.0022786	.000479
%RSD	5.111096	.6491452	.6472064	283.4514	.7492665	.4285578	528.8213

#1	1.176621	1.043392	-.158745	-.000320	4.329758	.5341375	-.000100
#2	1.242320	1.043812	-.157290	.000138	4.294036	.5313402	.000393
#3	1.303429	1.031918	-.156779	-.000061	4.265509	.5296231	-.000565

Sample Name: I3080-05LX5 Acquired: 5/17/2017 16:41:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0X2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1111210	.0089893	.0476513
Stddev	.0009496	.0004008	.0000908
%RSD	.8545515	4.459095	.1904644

#1	.1100909	.0087424	.0475540
#2	.1119615	.0094518	.0477337
#3	.1113105	.0087738	.0476662

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.058	2488.280	52055.24	4444.151	3133.117
Stddev	.460	15.008	108.03	2.736	14.716
%RSD	.0284458	.6031670	.2075296	.0615712	.4696777

#1	1616.507	2474.373	51930.68	4444.601	3121.421
#2	1615.588	2486.278	52123.33	4446.635	3128.290
#3	1616.080	2504.189	52111.72	4441.218	3149.640

Sample Name: CCV023 Acquired: 5/17/2017 16:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.101494	4.955226	24.82852	4.975224	5.033877	392.9054
Stddev	.003840	.008996	.04773	.007607	.010441	.8520
%RSD	.0752727	.1815376	.1922398	.1528952	.2074089	.2168478

#1	5.099162	4.963849	24.87679	4.967097	5.031912	392.0258
#2	5.105926	4.955930	24.78134	4.982173	5.045160	393.7269
#3	5.099394	4.945899	24.82743	4.976403	5.024558	392.9636

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02138	.4839792	2.455961	393.9746	14.80844	2.487741
Stddev	.03230	.0031511	.008062	1.4780	.05409	.005724
%RSD	.3223317	.6510812	.3282525	.3751624	.3652537	.2300824

#1	10.00865	.4827675	2.464497	393.3799	14.74905	2.493731
#2	10.05811	.4875563	2.448476	395.6574	14.85487	2.482327
#3	9.99739	.4816138	2.454910	392.8866	14.82141	2.487167

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13919	386.9475	14.30757	394.3792	2.468807	1.310909
Stddev	.04638	.8672	.04972	1.8952	.008890	.001935
%RSD	.3063687	.2241068	.3475166	.4805508	.3600996	.1476064

#1	15.12535	386.1599	14.28174	392.9411	2.478029	1.308870
#2	15.19091	386.8057	14.36489	396.5267	2.460291	1.311136
#3	15.10130	387.8768	14.27607	393.6696	2.468101	1.312720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	409.3718	2.375559	14.47192	155.2062	5.354157	F 4.132074
Stddev	1.3584	.018991	.15123	.3114	.014010	.004469
%RSD	.3318284	.7994480	1.045022	.2006294	.2616578	.1081529

#1	408.3724	2.356258	14.64473	154.8569	5.368702	4.130400
#2	410.9185	2.394224	14.40730	155.4547	5.353015	4.137138
#3	408.8245	2.376193	14.36373	155.3071	5.340753	4.128683

Sample Name: CCV023 Acquired: 5/17/2017 16:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986043	4.485258	4.985334	4.890978	4.969709	5.277530
Stddev	.007317	.040274	.018436	.006889	.002199	.017803
%RSD	.1467595	.8979162	.3698124	.1408612	.0442521	.3373391
#1	4.988674	4.527056	4.982658	4.898473	4.967753	5.282024
#2	4.991682	4.446705	5.004963	4.884921	4.969283	5.292655
#3	4.977774	4.482013	4.968382	4.889540	4.972090	5.257910

Elem	Sr4077
Units	ppm
Avg	5.152611
Stddev	.007605
%RSD	.1475896
#1	5.148075
#2	5.161391
#3	5.148369

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1328.693	2042.151	44025.51	3988.096	2330.438
Stddev	9.207	7.495	45.42	8.707	4.085
%RSD	.6929247	.3670133	.1031587	.2183193	.1753021
#1	1318.164	2042.350	43995.83	3991.549	2327.076
#2	1335.231	2034.558	44077.79	3978.192	2329.253
#3	1332.684	2049.544	44002.90	3994.546	2334.985

Sample Name: CCB023 Acquired: 5/17/2017 16:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001832	.0015420	-.001860	-.000394	-.001601	.0054590	-.002066
Stddev	.0031174	.0005892	.000332	.002360	.000403	.0101537	.000163
%RSD	1702.095	38.21214	17.87451	598.4385	25.19606	186.0005	7.870071

#1	-.001860	.0020738	-.001477	-.001839	-.002012	.0128367	-.001896
#2	.003771	.0009086	-.002029	.002329	-.001206	.0096615	-.002080
#3	-.001362	.0016436	-.002073	-.001672	-.001584	-.006121	-.002220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000314	-.000125	.0031171	-.000220	.0000019	-.000631	.0023922
Stddev	.0000304	.000087	.0075782	.000275	.0001872	.001061	.0044641
%RSD	96.87277	69.49056	243.1169	124.8955	9829.031	168.2006	186.6056

#1	.0000203	-.000188	.0098422	.000085	-.000073	.000595	.0073216
#2	.0000081	-.000026	.0046033	-.000297	.000215	-.001237	-.001378
#3	.0000659	-.000160	-.005094	-.000449	-.000136	-.001251	.001233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	.0489250	.0005333	.0005771	-.156119	-.004548	-.004992
Stddev	.000430	.0334353	.0001227	.0001039	.050228	.004281	.007749
%RSD	776.4588	68.34000	23.01154	18.00225	32.17307	94.12903	155.2257

#1	.000386	.0547216	.0004394	.0005626	-.197259	.000389	.001045
#2	-.000080	.0790830	.0004883	.0004812	-.100144	-.007225	-.013730
#3	-.000472	.0129704	.0006722	.0006874	-.170953	-.006809	-.002291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0291599	.0013187	.0009135	.0002974	-.042971	-.002721	.0000217
Stddev	.0545768	.0012584	.0011323	.0000883	.006137	.000908	.0004702
%RSD	187.1641	95.42431	123.9586	29.70773	14.28134	33.37440	2164.279

#1	-.004010	.0010336	.0020378	.0003675	-.048274	-.001995	.0002756
#2	-.000661	.0026951	.0009291	.0003266	-.044390	-.003739	-.000521
#3	.092150	.0002274	-.000227	.0001981	-.036249	-.002429	.000310

Sample Name: CCB023 Acquired: 5/17/2017 16:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000964	-.001462	.0000438
Stddev	.001119	.000515	.0000455
%RSD	116.0895	35.22381	103.7946

#1	-.002201	-.001265	.0000885
#2	-.000021	-.001074	-.000002
#3	-.000670	-.002047	.000045

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.185	2571.167	53304.17	4350.228	3669.364
Stddev	2.323	16.306	34.08	16.276	23.833
%RSD	.1388310	.6341961	.0639277	.3741373	.6495189

#1	1674.013	2558.569	53343.51	4337.189	3652.616
#2	1674.980	2565.348	53284.63	4368.469	3658.826
#3	1670.561	2589.585	53284.35	4345.027	3696.649

Sample Name: I3080-08 Acquired: 5/17/2017 16:53:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763884	-.032566	23.33153	-.057395	.0034779	60.97255
Stddev	.0033052	.001700	.03320	.000850	.0007241	.10596
%RSD	4.326812	5.220295	.1423133	1.481649	20.81867	.1737841

#1	.0728422	-.031360	23.32959	-.058080	.0029445	61.09430
#2	.0769398	-.034510	23.29934	-.056443	.0043022	60.92217
#3	.0793833	-.031828	23.36566	-.057661	.0031872	60.90117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.852068	.0105125	.1310231	F 683.2505	.0812249	.2803816
Stddev	.010539	.0001160	.0002666	3.9312	.0005400	.0005229
%RSD	.1538131	1.103559	.2034537	.5753625	.6648472	.1864809

#1	6.839901	.0104082	.1307698	680.9441	.0810802	.2804226
#2	6.858397	.0106374	.1313012	681.0178	.0818225	.2798395
#3	6.857905	.0104918	.1309983	687.7897	.0807719	.2808828

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7811802	241.6840	25.03759	345.6570	.2700918	.0048788
Stddev	.0047826	1.0795	.15808	1.5767	.0016451	.0004841
%RSD	.6122260	.4466627	.6313745	.4561343	.6090956	9.922238

#1	.7854400	242.2024	24.94167	344.2664	.2704153	.0054076
#2	.7820939	240.4431	24.95106	345.3349	.2683089	.0047712
#3	.7760066	242.4065	25.22005	347.3699	.2715511	.0044576

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.207391	.1671995	6.010627	5.283181	5.907360	-.684113
Stddev	.067966	.0016551	.060104	.039137	.008784	.002928
%RSD	3.079012	.9899097	.9999579	.7407866	.1487004	.4280068

#1	2.242892	.1669418	5.942260	5.247636	5.899017	-.684881
#2	2.250256	.1656883	6.034473	5.276784	5.906536	-.680878
#3	2.129026	.1689684	6.055149	5.325122	5.916527	-.686582

Sample Name: I3080-08 Acquired: 5/17/2017 16:53:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	23.56666	3.064003	.0201019	.4968139	.0456573
Stddev	.000056	.00987	.016101	.0009929	.0029670	.0001760
%RSD	48.61742	.0418795	.5254938	4.939405	.5972115	.3854425

#1	-.000120	23.57344	3.072688	.0210923	.4995724	.0458568
#2	-.000056	23.57121	3.045424	.0191064	.4936750	.0455243
#3	-.000167	23.55534	3.073897	.0201070	.4971944	.0455907

Elem	Sr4077
Units	ppm
Avg	.2484552
Stddev	.0002595
%RSD	.1044376

#1	.2487018
#2	.2481845
#3	.2484791

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.446	2452.383	52751.40	4768.737	2488.490
Stddev	11.274	4.291	68.57	23.964	4.604
%RSD	.7079877	.1749746	.1299955	.5025287	.1850235

#1	1605.420	2447.429	52724.35	4752.625	2485.742
#2	1585.023	2454.794	52700.48	4796.276	2493.806
#3	1586.896	2454.927	52829.38	4757.309	2485.923

Sample Name: I3080-09 Acquired: 5/17/2017 16:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809248	-.028564	28.93738	-.051513	.0021504	79.17878	10.65437
Stddev	.0053260	.001363	.04194	.004765	.0005507	.22156	.03656
%RSD	6.581365	4.770750	.1449410	9.250887	25.60999	.2798185	.3431245

#1	.0773712	-.027683	28.96229	-.050948	.0017721	79.26975	10.67217
#2	.0783548	-.027875	28.96090	-.047055	.0018969	79.34037	10.67862
#3	.0870484	-.030133	28.88896	-.056535	.0027822	78.92622	10.61232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098886	.1399305	369.7279	.0970824	.3273746	.8905355	222.4504
Stddev	.0000958	.0004545	.2651	.0014356	.0003950	.0091346	.7432
%RSD	.9686381	.3248232	.0717026	1.478687	.1206644	1.025742	.3341077

#1	.0098261	.1401120	369.9523	.0957368	.3271329	.8906699	222.3118
#2	.0098408	.1402663	369.7960	.0969170	.3278305	.8996022	223.2532
#3	.0099989	.1394133	369.4354	.0985935	.3271605	.8813345	221.7863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.14358	185.3014	.3086087	.0071026	1.728912	.2056680	6.804390
Stddev	.03379	.2640	.0007686	.0000592	.088007	.0042001	.067989
%RSD	.1598240	.1424448	.2490692	.8327528	5.090319	2.042184	.9991924

#1	21.17831	185.6060	.3090460	.0070727	1.822294	.2104203	6.797781
#2	21.14162	185.1402	.3090589	.0071708	1.647507	.2041299	6.875442
#3	21.11081	185.1579	.3077212	.0070644	1.716935	.2024537	6.739947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.938880	5.445002	-.621055	.0004861	24.04464	2.999793	.0142145
Stddev	.043508	.011966	.002515	.0003679	.01637	.008766	.0016836
%RSD	.6270224	.2197550	.4050289	75.68294	.0680759	.2922114	11.84456

#1	6.977343	5.458565	-.621005	.0006765	24.06198	3.000870	.0122731
#2	6.947638	5.435941	-.618565	.0000620	24.04249	2.990538	.0152751
#3	6.891659	5.440498	-.623595	.0007198	24.02945	3.007970	.0150951

Sample Name: I3080-09 Acquired: 5/17/2017 16:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5671129	.0517887	.2001529
Stddev	.0020792	.0003986	.0005236
%RSD	.3666206	.7695804	.2615781

#1	.5689347	.0521863	.2006733
#2	.5675561	.0517907	.2001591
#3	.5648479	.0513892	.1996263

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.961	2579.151	55283.78	4939.054	2692.519
Stddev	7.387	12.601	245.79	16.981	9.047
%RSD	.4418415	.4885542	.4445936	.3438025	.3359903

#1	1665.952	2567.193	55121.81	4923.010	2682.162
#2	1669.721	2592.308	55162.93	4937.315	2698.872
#3	1680.209	2577.951	55566.59	4956.837	2696.524

Sample Name: I3080-10 Acquired: 5/17/2017 17:01:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0857625	-.026979	30.65209	-.053302	.0041625	75.97195	10.02525
Stddev	.0017567	.003817	.12534	.002369	.0007009	.15421	.02410
%RSD	2.048320	14.14625	.4089115	4.444017	16.83793	.2029862	.2403659

#1	.0867575	-.026902	30.61476	-.054996	.0042974	75.90990	10.04829
#2	.0867958	-.023202	30.54966	-.054315	.0047862	75.85843	10.00021
#3	.0837341	-.030834	30.79186	-.050596	.0034040	76.14752	10.02726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101573	.1476700	386.7051	.0962569	.3434614	.9411585	229.1065
Stddev	.0001021	.0006953	.9353	.0006817	.0008779	.0051209	.2555
%RSD	1.004957	.4708472	.2418583	.7082061	.2556179	.5441080	.1115049

#1	.0101017	.1480699	385.9639	.0956835	.3428960	.9420103	228.8697
#2	.0100952	.1468672	386.3956	.0970106	.3430154	.9356651	229.0727
#3	.0102752	.1480730	387.7560	.0960765	.3444729	.9458001	229.3773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.01933	193.3610	.3241248	.0073599	1.855874	.2080393	6.993451
Stddev	.02964	.3044	.0007622	.0002191	.010845	.0018361	.030055
%RSD	.1345989	.1574043	.2351517	2.977197	.5843776	.8825627	.4297623

#1	21.99090	193.0287	.3248260	.0071980	1.847414	.2061777	6.995484
#2	22.01705	193.4280	.3242349	.0076092	1.868100	.2080915	6.962431
#3	22.05004	193.6263	.3233136	.0072724	1.852107	.2098487	7.022438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.578994	5.695470	-.649201	.0006799	24.74808	2.795416	.0138662
Stddev	.040732	.007345	.002577	.0005906	.01598	.005991	.0008843
%RSD	.6191288	.1289586	.3968830	86.87071	.0645675	.2143039	6.377684

#1	6.622852	5.691042	-.649843	.0001995	24.74536	2.795515	.0134064
#2	6.571779	5.703949	-.646365	.0013393	24.73364	2.789375	.0133064
#3	6.542351	5.691421	-.651397	.0005009	24.76525	2.801356	.0148857

Sample Name: I3080-10 Acquired: 5/17/2017 17:01:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0X5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5580087	.0494974	.1990813
Stddev	.0018948	.0001637	.0001824
%RSD	.3395668	.3308145	.0916214

#1	.5563032	.0496577	.1992842
#2	.5576745	.0495041	.1989309
#3	.5600484	.0493304	.1990288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.012	2572.865	55098.11	4932.657	2657.091
Stddev	3.664	2.838	113.32	11.703	4.099
%RSD	.2184752	.1103228	.2056774	.2372526	.1542706

#1	1672.906	2569.587	54978.09	4926.330	2655.870
#2	1678.180	2574.535	55112.96	4946.162	2661.661
#3	1679.949	2574.472	55203.27	4925.480	2653.740

Sample Name: I3080-11 Acquired: 5/17/2017 17:05:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504297	-.024860	12.01475	-.045087	.0031149	25.18653
Stddev	.0021663	.001352	.01323	.003947	.0002122	.05227
%RSD	4.295582	5.438985	.1101122	8.753192	6.813086	.2075477

#1	.0519342	-.025014	12.01721	-.043145	.0032793	25.17568
#2	.0514080	-.023437	12.00046	-.042488	.0028753	25.14054
#3	.0479468	-.026128	12.02657	-.049628	.0031901	25.24338

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.914183	.0071405	.0792217	F 535.9468	.0895395	.1693274
Stddev	.011168	.0001165	.0002599	.1046	.0003399	.0011816
%RSD	.5834572	1.631029	.3280266	.0195150	.3796274	.6978050

#1	1.922303	.0071837	.0793708	535.9637	.0898115	.1685460
#2	1.901446	.0070086	.0789217	535.8347	.0891584	.1687494
#3	1.918800	.0072292	.0793728	536.0418	.0896487	.1706867

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3481486	184.4114	16.11235	266.8148	.1701484	.0011393
Stddev	.0027496	.0943	.00385	.6616	.0003235	.0001721
%RSD	.7897781	.0511221	.0238715	.2479807	.1901424	15.10056

#1	.3467813	184.3240	16.11607	267.5788	.1704659	.0013365
#2	.3463507	184.3991	16.10839	266.4325	.1698192	.0010195
#3	.3513138	184.5113	16.11257	266.4332	.1701602	.0010620

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.934644	.1237695	4.045731	1.684597	3.439820	-.518080
Stddev	.195898	.0032891	.009320	.013617	.017978	.000329
%RSD	10.12580	2.657470	.2303663	.8083046	.5226519	.0635942

#1	1.709698	.1224401	4.051030	1.670891	3.419279	-.517970
#2	2.026486	.1275153	4.051194	1.684776	3.452692	-.517820
#3	2.067748	.1213532	4.034970	1.698123	3.447489	-.518451

Sample Name: I3080-11 Acquired: 5/17/2017 17:05:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000942	19.81282	1.674591	.0092376	.4004192	.0190483
Stddev	.000260	.05207	.004806	.0007711	.0001515	.0004418
%RSD	27.65982	.2628048	.2870067	8.347315	.0378347	2.319390

#1	-.001063	19.76025	1.672872	.0085982	.4002993	.0187736
#2	-.000643	19.86437	1.680020	.0090207	.4005894	.0195579
#3	-.001119	19.81383	1.670881	.0100939	.4003688	.0188134

Elem	Sr4077
Units	ppm
Avg	.1681667
Stddev	.0006406
%RSD	.3809213

#1	.1683421
#2	.1674566
#3	.1687012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1564.421	2389.933	51098.43	4599.055	2657.262
Stddev	7.845	6.316	60.48	11.072	4.576
%RSD	.5014342	.2642857	.1183557	.2407388	.1722231

#1	1557.440	2396.610	51039.20	4601.424	2660.858
#2	1562.912	2389.138	51095.99	4586.991	2658.817
#3	1572.910	2384.053	51160.08	4608.751	2652.111

Sample Name: I3080-12 Acquired: 5/17/2017 17:09:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445872	-.026592	10.71321	-.049329	.0019480	24.97544
Stddev	.0024487	.000693	.02506	.000756	.0022369	.02784
%RSD	5.491841	2.605915	.2338792	1.531732	114.8306	.1114781

#1	.0444522	-.025794	10.74179	-.048722	.0000345	25.00672
#2	.0422089	-.026937	10.70277	-.049091	.0044074	24.95336
#3	.0471007	-.027044	10.69506	-.050176	.0014022	24.96623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.404619	.0076629	.0657877	F 776.7226	.0702152	.1439975
Stddev	.006468	.0001691	.0000951	2.6234	.0007426	.0004247
%RSD	.2689692	2.207348	.1446065	.3377513	1.057664	.2949395

#1	2.404514	.0078445	.0658666	773.6942	.0693937	.1442528
#2	2.398204	.0076346	.0658144	778.1769	.0708388	.1442324
#3	2.411138	.0075097	.0656821	778.2968	.0704132	.1435072

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3561300	205.2694	21.89942	393.8179	.1373307	.0000342
Stddev	.0031136	.2668	.05678	.1064	.0005573	.0002393
%RSD	.8742808	.1299845	.2592586	.0270251	.4058452	699.9585

#1	.3561936	205.1675	21.83687	393.7197	.1367316	.0002400
#2	.3592114	205.5721	21.91370	393.9310	.1374266	-.000228
#3	.3529852	205.0685	21.94770	393.8030	.1378339	.000091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.342735	.0911151	3.023740	1.916514	3.780704	-.583086
Stddev	.091721	.0025408	.027702	.027654	.009631	.001543
%RSD	3.915115	2.788566	.9161558	1.442943	.2547386	.2647002

#1	2.343544	.0936610	3.053798	1.945310	3.786133	-.581317
#2	2.250612	.0885795	3.018188	1.890165	3.769585	-.584156
#3	2.434048	.0911047	2.999234	1.914067	3.786395	-.583786

Sample Name: I3080-12 Acquired: 5/17/2017 17:09:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001296	18.50462	1.628866	.0061167	.3535818	.0249575
Stddev	.000244	.05110	.005921	.0016253	.0017982	.0008117
%RSD	18.78737	.2761740	.3635208	26.57100	.5085784	3.252323

#1	-.001555	18.56048	1.627955	.0053618	.3532827	.0258085
#2	-.001072	18.46021	1.635190	.0079821	.3555108	.0248723
#3	-.001261	18.49318	1.623453	.0050061	.3519519	.0241918

Elem	Sr4077
Units	ppm
Avg	.2222108
Stddev	.0005258
%RSD	.2366130

#1	.2228026
#2	.2217976
#3	.2220322

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.351	2312.848	49531.28	4490.836	2515.764
Stddev	7.871	5.064	80.86	13.905	7.641
%RSD	.5214581	.2189657	.1632550	.3096410	.3037348

#1	1515.559	2307.941	49518.63	4499.891	2508.830
#2	1500.499	2312.546	49457.49	4474.825	2514.505
#3	1511.994	2318.056	49617.72	4497.793	2523.956

Sample Name: I3080-13 Acquired: 5/17/2017 17:13:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375778	-.029816	10.32845	-.050547	.0023824	24.16778
Stddev	.0030483	.002536	.02873	.006099	.0013051	.05729
%RSD	8.111886	8.506262	.2781350	12.06607	54.77777	.2370589

#1	.0343742	-.028869	10.35196	-.046068	.0008755	24.23374
#2	.0379169	-.032689	10.33695	-.048080	.0031305	24.13046
#3	.0404424	-.027889	10.29643	-.057493	.0031413	24.13913

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.832127	.0073447	.0672720	F 804.4197	.0596955	.1378859
Stddev	.006047	.0000552	.0001591	2.0028	.0013130	.0003172
%RSD	.2135150	.7512125	.2365278	.2489784	2.199554	.2300375

#1	2.838643	.0073456	.0671184	806.6500	.0583728	.1381538
#2	2.831042	.0073995	.0672615	803.8346	.0609986	.1375356
#3	2.826696	.0072891	.0674362	802.7746	.0597151	.1379681

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3536219	203.3585	22.40857	409.1546	.1276051	-.000221
Stddev	.0046520	.6485	.07570	.4803	.0003158	.000224
%RSD	1.315543	.3188955	.3378104	.1173954	.2475100	101.4616

#1	.3585878	203.8264	22.49413	409.5695	.1273185	.000036
#2	.3529127	202.6182	22.38125	409.2661	.1275530	-.000378
#3	.3493651	203.6308	22.35032	408.6284	.1279437	-.000321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.311959	.0894883	3.086325	1.896172	3.761836	-.579035
Stddev	.120087	.0010688	.019823	.024316	.011804	.002679
%RSD	5.194150	1.194363	.6422902	1.282394	.3137858	.4627116

#1	2.305166	.0882652	3.081546	1.919192	3.772871	-.580747
#2	2.435299	.0899575	3.108101	1.898586	3.763246	-.575947
#3	2.195414	.0902423	3.069328	1.870739	3.749390	-.580411

Sample Name: I3080-13 Acquired: 5/17/2017 17:13:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001531	19.13692	3.056238	.0054962	.3561950	.0250147
Stddev	.000421	.08230	.015182	.0003665	.0016602	.0007721
%RSD	27.52734	.4300810	.4967470	6.667969	.4661008	3.086685

#1	-.001656	19.22298	3.070232	.0056316	.3581008	.0253718
#2	-.001876	19.12881	3.040097	.0057757	.3550619	.0241287
#3	-.001061	19.05898	3.058383	.0050813	.3554224	.0255436

Elem	Sr4077
Units	ppm
Avg	.2338574
Stddev	.0009050
%RSD	.3869958

#1	.2348082
#2	.2337574
#3	.2330065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.304	2299.877	49265.93	4466.978	2497.621
Stddev	1.169	5.897	115.02	7.596	11.547
%RSD	.0780591	.2564093	.2334763	.1700444	.4623314

#1	1497.977	2293.709	49155.05	4458.392	2486.063
#2	1497.981	2300.463	49258.05	4472.825	2497.643
#3	1495.955	2305.460	49384.69	4469.715	2509.157

Sample Name: I3080-14 Acquired: 5/17/2017 17:17:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728454	-.029733	32.40094	-.049897	.0025761	62.55452
Stddev	.0022398	.001220	.01791	.004309	.0008173	.26675
%RSD	3.074719	4.103947	.0552733	8.635444	31.72664	.4264321

#1	.0753871	-.028681	32.39579	-.051686	.0027061	62.83482
#2	.0711605	-.029448	32.38617	-.044982	.0017016	62.52494
#3	.0719886	-.031071	32.42086	-.053023	.0033206	62.30378

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01128	.0093068	.1187863	F 515.7570	.1344949	.2972003
Stddev	.03964	.0001357	.0001535	1.8483	.0031647	.0005054
%RSD	.3960007	1.458326	.1292514	.3583722	2.353041	.1700404

#1	10.05649	.0091505	.1186357	517.0238	.1338898	.2973149
#2	9.98243	.0093755	.1189426	516.6111	.1316764	.2966475
#3	9.99493	.0093945	.1187808	513.6360	.1379185	.2976386

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018736	222.7826	19.82591	252.2659	.3238301	.0058346
Stddev	.007230	1.0509	.07164	.6426	.0001533	.0008028
%RSD	.7097143	.4717225	.3613518	.2547372	.0473370	13.75852

#1	1.021290	223.2786	19.89210	252.8495	.3239803	.0059963
#2	1.024343	223.4936	19.83579	252.3711	.3238360	.0065442
#3	1.010576	221.5754	19.74984	251.5772	.3236739	.0049633

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.091676	.1711621	6.490814	5.688746	5.806907	-.636468
Stddev	.221046	.0053012	.070826	.043358	.010184	.006337
%RSD	10.56788	3.097159	1.091179	.7621741	.1753788	.9955891

#1	2.341654	.1771580	6.420767	5.732150	5.817015	-.641363
#2	2.011345	.1692314	6.489280	5.688653	5.796649	-.638729
#3	1.922028	.1670969	6.562394	5.645434	5.807058	-.629311

Sample Name: I3080-14 Acquired: 5/17/2017 17:17:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0X9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008979	37.40400	2.579898	.0153971	.5144213	.0434278
Stddev	.0002001	.12088	.017006	.0011817	.0049091	.0006839
%RSD	22.28412	.3231678	.6591907	7.674801	.9542939	1.574892

#1	.0011083	37.47597	2.593602	.0141746	.5200392	.0442155
#2	.0007101	37.26445	2.585226	.0154834	.5122667	.0430831
#3	.0008753	37.47160	2.560865	.0165333	.5109579	.0429847

Elem	Sr4077
Units	ppm
Avg	.2336696
Stddev	.0007279
%RSD	.3115002

#1	.2344762
#2	.2334710
#3	.2330616

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.770	2475.369	52791.50	4739.958	2599.658
Stddev	9.674	12.049	603.61	29.793	6.926
%RSD	.6054530	.4867703	1.143381	.6285437	.2664306

#1	1603.938	2463.218	53081.41	4721.534	2592.456
#2	1602.752	2475.575	53195.46	4724.011	2600.245
#3	1586.621	2487.314	52097.63	4774.330	2606.271

Sample Name: I3080-15 Acquired: 5/17/2017 17:21:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887754	-.026697	24.81183	-.048983	.0032310	77.49569	11.66250
Stddev	.0030987	.003215	.01981	.002408	.0009020	.35966	.06243
%RSD	3.490451	12.04059	.0798219	4.915606	27.91567	.4641064	.5353336

#1	.0852822	-.029652	24.81501	-.051559	.0022857	77.09927	11.59458
#2	.0898513	-.027166	24.82985	-.048604	.0040822	77.58668	11.67552
#3	.0911927	-.023274	24.79062	-.046788	.0033252	77.80112	11.71739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105999	.1533825	397.7050	.1029227	.3043882	.8033882	228.2190
Stddev	.0001168	.0001790	2.4977	.0005406	.0009465	.0058215	.9870
%RSD	1.101771	.1166957	.6280321	.5252725	.3109455	.7246139	.4324911

#1	.0107158	.1532016	394.8227	.1032084	.3040095	.7966662	227.0884
#2	.0104823	.1533865	399.2359	.1022992	.3054654	.8067284	228.9094
#3	.0106016	.1535595	399.0562	.1032605	.3036896	.8067700	228.6590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.21313	187.2350	.3155617	.0044841	1.910370	.2281834	6.873055
Stddev	.13775	1.0262	.0002619	.0004540	.052745	.0038021	.053600
%RSD	.6493795	.5480834	.0829869	10.12554	2.761008	1.666239	.7798563

#1	21.05746	186.1251	.3155321	.0039836	1.859853	.2239323	6.828005
#2	21.31927	188.1494	.3158371	.0045993	1.965092	.2293590	6.932333
#3	21.26265	187.4304	.3153159	.0048695	1.906166	.2312588	6.858827

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.880620	7.965572	-.647305	.0006248	34.71448	2.711355	.0137799
Stddev	.084236	.010388	.002836	.0005553	.06054	.007031	.0017424
%RSD	1.068899	.1304164	.4380704	88.87730	.1743858	.2593188	12.64446

#1	7.783366	7.962434	-.646769	.0012188	34.64470	2.703413	.0121386
#2	7.927900	7.977168	-.650370	.0001188	34.75295	2.713865	.0135928
#3	7.930595	7.957114	-.644776	.0005367	34.74579	2.716786	.0156083

Sample Name: I3080-15 Acquired: 5/17/2017 17:21:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5793184	.0493191	.2380488
Stddev	.0043175	.0006772	.0012623
%RSD	.7452784	1.373183	.5302882

#1	.5743625	.0486609	.2366326
#2	.5813271	.0492824	.2384578
#3	.5822656	.0500139	.2390559

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.452	2574.515	55463.89	4971.017	2624.414
Stddev	9.371	13.202	9.62	18.304	7.746
%RSD	.5579687	.5128055	.0173509	.3682052	.2951702

#1	1672.652	2559.384	55458.44	4991.197	2616.130
#2	1675.563	2583.689	55458.23	4955.487	2625.635
#3	1690.142	2580.473	55475.00	4966.367	2631.478

Sample Name: I3080-16 Acquired: 5/17/2017 17:25:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764593	-.028833	22.26299	-.052736	.0032964	62.76968
Stddev	.0017598	.004702	.01031	.000735	.0005853	.03500
%RSD	2.301617	16.30857	.0463211	1.393756	17.75484	.0557610

#1	.0773402	-.032948	22.26453	-.053118	.0038850	62.81004
#2	.0744330	-.029845	22.25199	-.053201	.0027145	62.74754
#3	.0776047	-.023708	22.27244	-.051889	.0032896	62.75147

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.002227	.0101566	.1316688	F 596.6162	.0936180	.2696160
Stddev	.019492	.0002207	.0003806	1.1199	.0004205	.0006172
%RSD	.2435884	2.172781	.2890225	.1877008	.4492102	.2289117

#1	8.018449	.0102994	.1312645	597.9021	.0939982	.2695234
#2	7.980604	.0102680	.1320200	596.0917	.0936896	.2702742
#3	8.007629	.0099024	.1317219	595.8549	.0931663	.2690503

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7740649	230.2747	23.47914	295.0780	.2756818	.0045121
Stddev	.0035618	.2046	.03818	.1963	.0005454	.0002801
%RSD	.4601445	.0888404	.1626007	.0665289	.1978428	6.208511

#1	.7767261	230.5034	23.50912	295.1410	.2762855	.0047982
#2	.7754500	230.2112	23.49214	295.2351	.2755352	.0042383
#3	.7700186	230.1093	23.43616	294.8579	.2752246	.0044998

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.147190	.1857157	5.888459	6.470644	7.241850	-.661615
Stddev	.075186	.0009255	.028264	.054123	.011221	.004893
%RSD	3.501612	.4983541	.4799868	.8364381	.1549479	.7395595

#1	2.122988	.1867716	5.856081	6.467454	7.236241	-.665581
#2	2.231496	.1850448	5.908194	6.526291	7.234540	-.663116
#3	2.087084	.1853308	5.901104	6.418186	7.254770	-.656147

Sample Name: I3080-16 Acquired: 5/17/2017 17:25:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	29.24947	2.682663	.0156562	.5196527	.0439503
Stddev	.000081	.09878	.015958	.0013188	.0018807	.0002071
%RSD	108.0914	.3377283	.5948460	8.423693	.3619076	.4712313

#1	-.000161	29.13710	2.693288	.0168637	.5217944	.0437113
#2	.000001	29.32263	2.690387	.0158561	.5188925	.0440743
#3	-.000067	29.28868	2.664313	.0142488	.5182711	.0440655

Elem	Sr4077
Units	ppm
Avg	.2515390
Stddev	.0006666
%RSD	.2650116

#1	.2523068
#2	.2512028
#3	.2511075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.832	2501.098	53855.26	4871.916	2539.657
Stddev	5.750	9.702	148.08	20.747	5.887
%RSD	.3519140	.3878919	.2749614	.4258415	.2317992

#1	1640.175	2490.118	53700.57	4849.712	2533.551
#2	1632.359	2508.512	53995.71	4875.231	2545.297
#3	1628.962	2504.664	53869.49	4890.806	2540.122

Sample Name: I3080-17 Acquired: 5/17/2017 17:29:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0775478	-.024807	24.78307	-.046537	.0026677	71.46862	10.04866
Stddev	.0019277	.001424	.03019	.001266	.0003777	.19301	.00947
%RSD	2.485819	5.740366	.1218155	2.720576	14.15941	.2700645	.0942495

#1	.0795425	-.026282	24.75032	-.046324	.0029614	71.37617	10.04712
#2	.0756949	-.023440	24.80979	-.047896	.0028001	71.33922	10.04006
#3	.0774060	-.024701	24.78909	-.045390	.0022416	71.69047	10.05881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094187	.1271792	344.6554	.1014677	.2818747	.7143819	208.4274
Stddev	.0001037	.0004945	.9996	.0004762	.0004629	.0048529	1.0139
%RSD	1.101014	.3888206	.2900418	.4692937	.1642340	.6793107	.4864456

#1	.0093584	.1268263	345.3772	.1015737	.2814601	.7102385	208.6920
#2	.0093591	.1277444	343.5144	.1018820	.2823742	.7197208	207.3075
#3	.0095384	.1269669	345.0744	.1009475	.2817899	.7131863	209.2828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12595	165.9577	.2801540	.0054736	1.766256	.1991280	6.248914
Stddev	.06096	.3012	.0005545	.0000629	.163791	.0010353	.074053
%RSD	.3029173	.1815173	.1979398	1.148367	9.273344	.5199097	1.185047

#1	20.16786	166.1001	.2804759	.0054012	1.579261	.2001337	6.256583
#2	20.05601	165.6116	.2795136	.0055135	1.835209	.1980655	6.171326
#3	20.15397	166.1613	.2804723	.0055062	1.884296	.1991846	6.318835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.457741	6.490502	-.598398	.0009361	27.55098	2.585436	.0126997
Stddev	.037097	.021226	.003536	.0002738	.03301	.017580	.0009729
%RSD	.4974317	.3270303	.5908734	29.25207	.1198110	.6799494	7.660888

#1	7.420593	6.514580	-.602346	.0008389	27.58080	2.602398	.0137882
#2	7.457842	6.482430	-.595523	.0012453	27.51551	2.567298	.0119147
#3	7.494787	6.474496	-.597326	.0007241	27.55664	2.586611	.0123962

Sample Name: I3080-17 Acquired: 5/17/2017 17:29:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0Y2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5375343	.0450190	.2004688
Stddev	.0017510	.0005321	.0005615
%RSD	.3257384	1.181927	.2800665

#1	.5378646	.0456184	.2005056
#2	.5356418	.0448361	.1998899
#3	.5390966	.0446024	.2010110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.928	2570.679	55207.00	4923.983	2721.612
Stddev	9.428	10.791	113.51	14.318	7.247
%RSD	.5618565	.4197891	.2056028	.2907858	.2662837

#1	1682.876	2558.233	55332.35	4908.241	2713.608
#2	1683.852	2576.376	55177.45	4936.231	2723.500
#3	1667.057	2577.429	55111.18	4927.476	2727.729

Sample Name: I3080-18 Acquired: 5/17/2017 17:33:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368373	-.021107	4.479432	-.037505	.0026209	9.213156
Stddev	.0039071	.001777	.006674	.003555	.0006702	.022164
%RSD	10.60633	8.417642	.1489967	9.477538	25.56981	.2405670

#1	.0324348	-.023114	4.483006	-.039359	.0032414	9.216527
#2	.0381849	-.019738	4.471732	-.033406	.0019102	9.189500
#3	.0398923	-.020468	4.483559	-.039749	.0027110	9.233441

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3049333	.0054886	.0337238	F 575.6966	.0570751	.0830599
Stddev	.0004363	.0000658	.0001353	.7293	.0005271	.0001627
%RSD	.1430656	1.199443	.4012000	.1266731	.9235615	.1959204

#1	.3044629	.0055034	.0338643	575.1359	.0573121	.0832400
#2	.3050123	.0054166	.0335944	576.5210	.0564711	.0830161
#3	.3053246	.0055457	.0337126	575.4329	.0574422	.0829235

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0893248	162.1119	15.70184	292.5179	.0823791	-.001626
Stddev	.0025725	.5626	.03282	.1779	.0004201	.000255
%RSD	2.879914	.3470506	.2090494	.0608127	.5100128	15.67444

#1	.0887471	162.4304	15.71707	292.4092	.0826098	-.001864
#2	.0870903	161.4623	15.72428	292.4213	.0818941	-.001357
#3	.0921371	162.4431	15.66416	292.7232	.0826334	-.001657

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.662719	.0804323	1.729377	.3077790	2.226891	-.456792
Stddev	.053010	.0032917	.014431	.0203200	.006788	.002279
%RSD	3.188170	4.092471	.8344771	6.602137	.3048352	.4988141

#1	1.601762	.0777797	1.715938	.3302507	2.234723	-.454751
#2	1.698019	.0841161	1.727564	.2906978	2.222687	-.459250
#3	1.688376	.0794011	1.744629	.3023884	2.223264	-.456374

Sample Name: I3080-18 Acquired: 5/17/2017 17:33:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001267	8.891222	1.083054	.0030003	.2604417	.0110086
Stddev	.000172	.036268	.003213	.0009688	.0011623	.0008691
%RSD	13.60735	.4079112	.2966241	32.28931	.4462991	7.894365

#1	-.001072	8.917709	1.085735	.0037110	.2603785	.0112148
#2	-.001400	8.849885	1.083933	.0033930	.2593123	.0100550
#3	-.001328	8.906071	1.079493	.0018968	.2616344	.0117560

Elem	Sr4077
Units	ppm
Avg	.1535591
Stddev	.0002857
%RSD	.1860457

#1	.1536983
#2	.1532305
#3	.1537485

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.073	2291.864	49023.50	4379.618	2659.044
Stddev	8.253	6.171	138.98	12.300	3.682
%RSD	.5505679	.2692396	.2835024	.2808431	.1384531

#1	1493.588	2287.938	48881.66	4366.551	2656.346
#2	1495.066	2288.678	49159.44	4381.333	2657.548
#3	1508.565	2298.977	49029.39	4390.971	2663.238

Sample Name: I3080-19 Acquired: 5/17/2017 17:37:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785901	-.030489	41.46433	-.059892	.0039253	63.03918
Stddev	.0030168	.004107	.03966	.005156	.0009272	.18639
%RSD	3.838655	13.46987	.0956534	8.608237	23.62125	.2956758

#1	.0752669	-.034295	41.46655	-.060785	.0030292	62.92902
#2	.0793471	-.026136	41.50284	-.054348	.0038659	62.93414
#3	.0811563	-.031037	41.42361	-.064542	.0048807	63.25439

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.512615	.0100643	.2012066	F 708.8896	.0704908	.4148150
Stddev	.007292	.0001231	.0006836	2.1004	.0002753	.0001734
%RSD	.0970695	1.223304	.3397712	.2963004	.3905094	.0417942

#1	7.504216	.0099243	.2006099	708.2565	.0708072	.4146233
#2	7.517336	.0101556	.2019525	711.2337	.0703593	.4149608
#3	7.516293	.0101129	.2010573	707.1785	.0703060	.4148609

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.102012	234.7776	22.26846	330.7853	.4461695	.0081398
Stddev	.001954	.8063	.11131	.6991	.0006684	.0004937
%RSD	.1772870	.3434465	.4998366	.2113583	.1498146	6.064987

#1	1.102371	234.2324	22.20763	330.5239	.4463499	.0086742
#2	1.099904	234.3965	22.39692	331.5774	.4467292	.0080445
#3	1.103762	235.7038	22.20082	330.2544	.4454294	.0077008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.358651	.1548045	10.29685	4.999315	4.275634	-.680410
Stddev	.028955	.0038336	.07365	.046124	.010216	.001580
%RSD	1.227602	2.476418	.7152277	.9226126	.2389305	.2322373

#1	2.391843	.1540345	10.31631	4.951282	4.264403	-.680516
#2	2.338578	.1589647	10.21543	5.043259	4.278126	-.681934
#3	2.345531	.1514144	10.35881	5.003404	4.284373	-.678779

Sample Name: I3080-19 Acquired: 5/17/2017 17:37:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001936	17.95822	2.772796	.0096758	.5582713	.0497982
Stddev	.0004003	.00497	.026641	.0022073	.0027128	.0002763
%RSD	206.7608	.0276841	.9608012	22.81286	.4859313	.5548371

#1	.0006540	17.95382	2.782608	.0088293	.5551472	.0500500
#2	-.000072	17.96361	2.793139	.0121811	.5596351	.0495027
#3	-.000002	17.95724	2.742640	.0080170	.5600316	.0498420

Elem	Sr4077
Units	ppm
Avg	.2609922
Stddev	.0005923
%RSD	.2269500

#1	.2604318
#2	.2609327
#3	.2616120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.310	2440.226	52665.45	4748.662	2497.928
Stddev	3.609	3.085	150.38	7.974	3.439
%RSD	.2263877	.1264061	.2855415	.1679172	.1376665

#1	1598.477	2436.771	52521.80	4742.047	2494.000
#2	1592.314	2441.203	52821.76	4746.424	2499.393
#3	1592.139	2442.704	52652.77	4757.516	2500.393

Sample Name: I3080-20 Acquired: 5/17/2017 17:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774703	-.042836	39.34611	-.075299	.0029220	45.25649
Stddev	.0044849	.005285	.05437	.004056	.0020041	.17224
%RSD	5.789209	12.33871	.1381786	5.387121	68.58797	.3805947

#1	.0817919	-.047914	39.32113	-.073441	.0025155	45.43775
#2	.0777807	-.043228	39.30872	-.072506	.0011522	45.23676
#3	.0728382	-.037365	39.40848	-.079952	.0050981	45.09496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.184709	.0114896	.1642057	F 1128.515	.0982859	.5079543
Stddev	.014162	.0001048	.0006680	1.399	.0010221	.0023641
%RSD	.3384209	.9117032	.4067941	.1239690	1.039876	.4654192

#1	4.187352	.0116049	.1634949	1130.099	.0982430	.5081492
#2	4.197363	.0114002	.1643019	1127.994	.0993287	.5054988
#3	4.169411	.0114636	.1648204	1127.450	.0972859	.5102150

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138602	274.7752	F 33.79030	F 571.0290	.3517927	.0069847
Stddev	.003245	1.4253	.10849	1.8760	.0011018	.0002098
%RSD	.2850277	.5186978	.3210585	.3285302	.3131814	3.004080

#1	1.141364	276.4173	33.91168	573.0345	.3526007	.0067925
#2	1.139415	273.8593	33.75646	570.7351	.3505377	.0072085
#3	1.135028	274.0491	33.70278	569.3172	.3522398	.0069530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.178512	.1053916	6.299111	3.987788	4.842331	-.809837
Stddev	.048558	.0040818	.102199	.024274	.014576	.004542
%RSD	1.527693	3.872981	1.622439	.6087081	.3010051	.5608930

#1	3.176126	.1069059	6.366777	4.008369	4.853070	-.813833
#2	3.228218	.1007691	6.181548	3.961019	4.825738	-.804897
#3	3.131191	.1084999	6.349007	3.993976	4.848183	-.810782

Sample Name: I3080-20 Acquired: 5/17/2017 17:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004710	20.02044	2.838941	.0104598	.4368800	.0462346
Stddev	.0003537	.09780	.018444	.0033790	.0016812	.0000173
%RSD	75.08789	.4884928	.6496794	32.30458	.3848228	.0374319

#1	.0004926	20.07351	2.852977	.0110683	.4378689	.0462532
#2	.0001071	19.90758	2.845794	.0134932	.4378323	.0462316
#3	.0008135	20.08023	2.818051	.0068179	.4349388	.0462190

Elem	Sr4077
Units	ppm
Avg	.3332250
Stddev	.0015803
%RSD	.4742360

#1	.3346277
#2	.3335342
#3	.3315129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.038	2321.721	50109.76	4610.102	2299.140
Stddev	12.363	7.116	127.63	23.340	5.906
%RSD	.8208644	.3064760	.2547031	.5062725	.2568746

#1	1495.904	2316.718	49998.28	4583.152	2295.090
#2	1519.812	2329.867	50248.98	4623.566	2305.917
#3	1502.397	2318.579	50082.03	4623.589	2296.413

Sample Name: I3080-21 Acquired: 5/17/2017 17:45:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957550	-.032121	F 55.78768	-.061997	.0015516	58.74479
Stddev	.0025627	.003002	.08551	.002262	.0006930	.12932
%RSD	2.676347	9.344797	.1532777	3.648882	44.66699	.2201386

#1	.0931527	-.033825	55.76322	-.059762	.0011971	58.61955
#2	.0958361	-.033882	55.88275	-.061945	.0011074	58.87784
#3	.0982762	-.028655	55.71707	-.064286	.0023501	58.73697

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.039475	.0102728	.1697356	F 685.5027	.0633930	.4044217
Stddev	.019384	.0000152	.0004394	4.3893	.0010607	.0009150
%RSD	.2753556	.1477399	.2588521	.6403064	1.673278	.2262589

#1	7.018125	.0102865	.1692479	680.5636	.0633430	.4044120
#2	7.055969	.0102753	.1698583	688.9571	.0623581	.4053416
#3	7.044332	.0102565	.1701005	686.9875	.0644778	.4035116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.225008	239.8615	22.47603	348.0603	.4151678	.0132584
Stddev	.003583	1.3204	.12135	1.2702	.0013080	.0003073
%RSD	.2924558	.5504954	.5399087	.3649490	.3150435	2.317401

#1	1.222198	238.4816	22.34464	346.6988	.4146385	.0129353
#2	1.229042	241.1131	22.58390	349.2135	.4166574	.0135468
#3	1.223783	239.9898	22.49954	348.2687	.4142074	.0132931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.277515	.1540001	7.907881	4.968094	4.256006	-.703040
Stddev	.138062	.0040014	.096910	.021222	.014534	.003494
%RSD	6.061944	2.598311	1.225487	.4271566	.3415025	.4970447

#1	2.299827	.1579533	7.842148	4.958673	4.259396	-.699425
#2	2.403061	.1499522	8.019176	4.953214	4.268546	-.706400
#3	2.129656	.1540948	7.862320	4.992395	4.240076	-.703296

Sample Name: I3080-21 Acquired: 5/17/2017 17:45:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012871	15.05748	3.086750	.0116239	.5442780	.0474462
Stddev	.0004526	.02540	.007860	.0023399	.0028514	.0004267
%RSD	35.16650	.1687078	.2546521	20.13033	.5238888	.8994329

#1	.0017295	15.08067	3.080942	.0117576	.5456780	.0478869
#2	.0008249	15.06144	3.095695	.0138941	.5461588	.0474167
#3	.0013070	15.03033	3.083615	.0092199	.5409972	.0470349

Elem	Sr4077
Units	ppm
Avg	.2490905
Stddev	.0007064
%RSD	.2835799

#1	.2486765
#2	.2499061
#3	.2486889

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.135	2467.089	52901.20	4731.627	2528.600
Stddev	7.685	7.277	73.09	21.236	6.036
%RSD	.4784733	.2949508	.1381664	.4488005	.2386896

#1	1614.011	2458.912	52877.77	4747.522	2522.890
#2	1598.657	2469.504	52842.69	4707.510	2527.995
#3	1605.737	2472.851	52983.13	4739.850	2534.915

Sample Name: I3080-22 Acquired: 5/17/2017 17:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0975457	-.035948	F 58.10280	-.060498	.0039730	59.34849
Stddev	.0004784	.002736	.09592	.004355	.0017071	.22444
%RSD	.4903963	7.611997	.1650783	7.198936	42.96707	.3781725

#1	.0979632	-.033401	58.09968	-.065521	.0021056	59.19270
#2	.0976501	-.035604	58.00848	-.057773	.0054533	59.60575
#3	.0970237	-.038841	58.20024	-.058201	.0043600	59.24702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.217895	.0103750	.1771233	F 710.0003	.0631084	.4218831
Stddev	.011422	.0000824	.0001459	.6682	.0004581	.0006237
%RSD	.1582522	.7944120	.0823800	.0941189	.7259208	.1478492

#1	7.214700	.0103906	.1769728	709.2378	.0633617	.4225642
#2	7.230575	.0104485	.1771329	710.2794	.0625796	.4217454
#3	7.208411	.0102859	.1772642	710.4837	.0633840	.4213398

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.266768	246.3423	23.24556	361.0189	.4326100	.0134776
Stddev	.005912	1.6697	.02617	.3564	.0013660	.0001491
%RSD	.4667096	.6777916	.1125998	.0987197	.3157526	1.106274

#1	1.260423	244.7919	23.22182	361.1969	.4331573	.0136497
#2	1.272121	248.1100	23.24122	361.2513	.4310552	.0133897
#3	1.267760	246.1251	23.27363	360.6086	.4336174	.0133932

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.314529	.1511696	8.278639	4.974468	4.453376	-.722128
Stddev	.076075	.0036883	.090410	.043895	.024009	.004391
%RSD	3.286845	2.439844	1.092093	.8823975	.5391285	.6080453

#1	2.249759	.1519173	8.307008	4.927457	4.446908	-.719240
#2	2.295523	.1544268	8.177447	5.014380	4.433262	-.727181
#3	2.398305	.1471648	8.351464	4.981568	4.479956	-.719962

Sample Name: I3080-22 Acquired: 5/17/2017 17:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004354	15.62402	3.435819	.0110266	.5442289	.0477090
Stddev	.0003045	.04424	.008871	.0011535	.0047356	.0005410
%RSD	69.92521	.2831279	.2582036	10.46097	.8701483	1.134022

#1	.0007794	15.64551	3.429420	.0123378	.5404138	.0472098
#2	.0003264	15.57315	3.445946	.0105733	.5495290	.0482839
#3	.0002005	15.65341	3.432090	.0101685	.5427439	.0476333

Elem	Sr4077
Units	ppm
Avg	.2565429
Stddev	.0007626
%RSD	.2972661

#1	.2561359
#2	.2574226
#3	.2560701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.340	2449.430	52858.01	4771.922	2496.275
Stddev	5.635	10.107	73.35	11.943	9.398
%RSD	.3521219	.4126206	.1387670	.2502677	.3764752

#1	1598.527	2439.124	52773.53	4780.277	2486.446
#2	1606.659	2459.325	52905.45	4758.244	2505.173
#3	1595.835	2449.840	52895.05	4777.246	2497.206

Sample Name: I3080-23 Acquired: 5/17/2017 17:53:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935889	.0181149	.0919653	.1883482	.1207513	33.41056	2.466990
Stddev	.0023538	.0003950	.0019116	.0014342	.0013149	.05830	.005889
%RSD	2.515016	2.180476	2.078608	.7614526	1.088893	.1744937	.2387125

#1	.0922022	.0184995	.0901675	.1898142	.1209961	33.35719	2.472513
#2	.0922580	.0181349	.0939733	.1869481	.1219265	33.47278	2.467665
#3	.0963067	.0177103	.0917551	.1882824	.1193312	33.40170	2.460793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007405	.0013349	58.79348	.1373378	.4063178	.1480919	26.77114
Stddev	.0000399	.0000317	.07406	.0003936	.0022309	.0015043	.08737
%RSD	5.387704	2.373515	.1259581	.2866093	.5490564	1.015801	.3263759

#1	.0007150	.0013705	58.72498	.1368834	.4065260	.1488381	26.67209
#2	.0007200	.0013100	58.78341	.1375740	.4084373	.1490772	26.83727
#3	.0007865	.0013240	58.87206	.1375560	.4039901	.1463604	26.80405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2381132	2.772866	.0092045	.1065696	66.80693	.6964861	.3038921
Stddev	.0009318	.024810	.0003327	.0002911	.14128	.0099649	.0047620
%RSD	.3913090	.8947339	3.614986	.2731500	.2114684	1.430734	1.566986

#1	.2385275	2.790166	.0091333	.1062435	66.84281	.7078199	.3088737
#2	.2387659	2.783990	.0095671	.1066622	66.92680	.6925390	.2993854
#3	.2370462	2.744441	.0089132	.1068032	66.65117	.6890994	.3034174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.23921	.1115847	-.075972	.0029050	1.464050	3.303536	.0054844
Stddev	.19877	.0040357	.001806	.0002795	.016398	.023106	.0010578
%RSD	.2304906	3.616742	2.377011	9.622230	1.120062	.6994251	19.28647

#1	86.08059	.1117727	-.074167	.0031989	1.454266	3.308598	.0066876
#2	86.46219	.1155231	-.077778	.0028738	1.482981	3.323691	.0047008
#3	86.17485	.1074582	-.075972	.0026424	1.454901	3.278319	.0050650

Sample Name: I3080-23 Acquired: 5/17/2017 17:53:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Y8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6361346	.0053678	.0276117
Stddev	.0023795	.0003006	.0000768
%RSD	.3740554	5.599223	.2781642

#1	.6343977	.0050426	.0276930
#2	.6351594	.0054255	.0275404
#3	.6388468	.0056353	.0276016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.656	2462.596	51440.35	4383.107	3112.742
Stddev	5.810	11.738	107.05	24.913	16.559
%RSD	.3611684	.4766338	.2081113	.5683776	.5319786

#1	1608.117	2451.423	51324.03	4380.903	3100.020
#2	1603.134	2461.539	51534.74	4359.370	3106.742
#3	1614.716	2474.827	51462.28	4409.049	3131.465

Sample Name: CCV024 Acquired: 5/17/2017 18:03:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.027016	4.877781	24.58784	4.912970	4.968769	392.4441
Stddev	.010663	.005359	.02839	.011990	.012300	.9436
%RSD	.2121123	.1098599	.1154820	.2440546	.2475489	.2404522

#1	5.021606	4.872907	24.56981	4.926027	4.969355	393.2932
#2	5.039300	4.883519	24.57313	4.910428	4.980765	391.4282
#3	5.020143	4.876915	24.62057	4.902454	4.956186	392.6109

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.916408	.4887546	2.426253	387.8557	14.71091	2.459064
Stddev	.031751	.0014344	.008533	1.0866	.04729	.004486
%RSD	.3201904	.2934700	.3516740	.2801680	.3214462	.1824261

#1	9.952909	.4874171	2.429506	387.0309	14.76192	2.458864
#2	9.895177	.4885773	2.416573	387.4491	14.66854	2.454681
#3	9.901137	.4902693	2.432681	389.0870	14.70225	2.463646

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.02302	385.8776	13.96283	386.0679	2.441587	1.289208
Stddev	.03900	.3724	.03402	1.0091	.007861	.003647
%RSD	.2595720	.0965201	.2436657	.2613755	.3219608	.2828877

#1	15.06169	386.0541	13.95775	385.4086	2.436512	1.293331
#2	14.98371	385.4497	13.93163	385.5655	2.437607	1.286405
#3	15.02366	386.1290	13.99910	387.2295	2.450642	1.287887

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	409.4736	2.374078	14.54067	154.8671	5.263068	F 4.158803
Stddev	1.6269	.010448	.15277	.7578	.032357	.006825
%RSD	.3973178	.4400988	1.050612	.4893518	.6147948	.1641063

#1	410.3537	2.381967	14.55904	155.6633	5.289924	4.163446
#2	407.5962	2.378038	14.68341	154.1545	5.272136	4.150967
#3	410.4708	2.362228	14.37954	154.7834	5.227144	4.161996

Sample Name: CCV024 Acquired: 5/17/2017 18:03:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926553	4.438468	5.003672	4.860051	4.949455	5.230857
Stddev	.003122	.018065	.002884	.008295	.011316	.033651
%RSD	.0633803	.4070209	.0576391	.1706859	.2286369	.6433258

#1	4.925925	4.417928	5.000376	4.862364	4.961692	5.265816
#2	4.923792	4.451893	5.005733	4.850845	4.939367	5.198687
#3	4.929942	4.445583	5.004907	4.866945	4.947306	5.228068

Elem	Sr4077
Units	ppm
Avg	5.124878
Stddev	.010747
%RSD	.2097071

#1	5.134898
#2	5.113527
#3	5.126209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.182	2069.173	44442.83	3982.596	2363.606
Stddev	4.420	5.354	151.53	8.312	4.320
%RSD	.3273288	.2587574	.3409563	.2087026	.1827666

#1	1346.881	2068.020	44281.57	3977.974	2362.022
#2	1348.462	2064.490	44464.67	3992.191	2360.301
#3	1355.203	2075.010	44582.26	3977.623	2368.494

Sample Name: CCB024 Acquired: 5/17/2017 18:06:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007222	.0027376	.0002536	.0015852	-.001407	.0143018	-.001931
Stddev	.0016021	.0009655	.0006698	.0011163	.001718	.0082638	.000292
%RSD	221.8298	35.26765	264.1282	70.41906	122.0615	57.78206	15.13518

#1	.0011256	.0016816	.0008495	.0003209	-.000431	.0222448	-.001963
#2	-.001043	.0035752	-.000471	.0019999	-.000400	.0057507	-.002207
#3	.002084	.0029559	.000383	.0024348	-.003390	.0149098	-.001624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000380	-.000001	.0124956	-.000106	.0000715	.0002649	.0162566
Stddev	.0000254	.000057	.0010549	.000254	.0001982	.0011480	.0151861
%RSD	66.90833	5545.943	8.441844	240.2146	277.1981	433.3568	93.41488

#1	.0000107	-.000048	.0134832	-.000205	.0002561	.0011822	.0326514
#2	.0000422	-.000017	.0113844	-.000296	.0000963	-.001023	.0134465
#3	.0000610	.000062	.0126193	.000183	-.000138	.000635	.0026718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005096	.0258862	.0003940	.0006662	.1536511	-.002751	.0031795
Stddev	.0004195	.0564322	.0005250	.0001631	.1626027	.002300	.0047109
%RSD	82.31337	218.0007	133.2553	24.48045	105.8259	83.59250	148.1655

#1	.0000372	-.025768	.0004333	.0007681	.0420279	-.005124	.0024208
#2	.0008383	.017312	-.000150	.0007524	.0787155	-.002598	.0082237
#3	.0006532	.086115	.000898	.0004781	.3402100	-.000532	-.001106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654861	.0013766	.0044183	.0006960	-.042710	-.002436	-.000073
Stddev	.0337413	.0016045	.0005491	.0001665	.010580	.000736	.000441
%RSD	51.52437	116.5516	12.42701	23.91969	24.77218	30.21382	601.1443

#1	.0301041	.0031380	.0042922	.0008544	-.034703	-.003252	.000435
#2	.0690503	-.000002	.0050194	.0007110	-.038723	-.002235	-.000332
#3	.0973037	.000993	.0039432	.0005225	-.054704	-.001822	-.000324

Sample Name: CCB024 Acquired: 5/17/2017 18:06:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v12) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000603	-.001556	.0000649
Stddev	.001403	.000936	.0000146
%RSD	232.5785	60.14197	22.43983

#1	-.000401	-.000953	.0000539
#2	.000688	-.001080	.0000594
#3	-.002097	-.002634	.0000814

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.383	2597.489	53775.11	4323.528	3715.342
Stddev	6.398	22.766	195.28	9.299	30.337
%RSD	.3776299	.8764722	.3631500	.2150868	.8165387

#1	1687.000	2575.030	53561.78	4331.923	3694.023
#2	1698.326	2596.887	53945.04	4313.533	3701.930
#3	1697.823	2620.551	53818.53	4325.129	3750.074