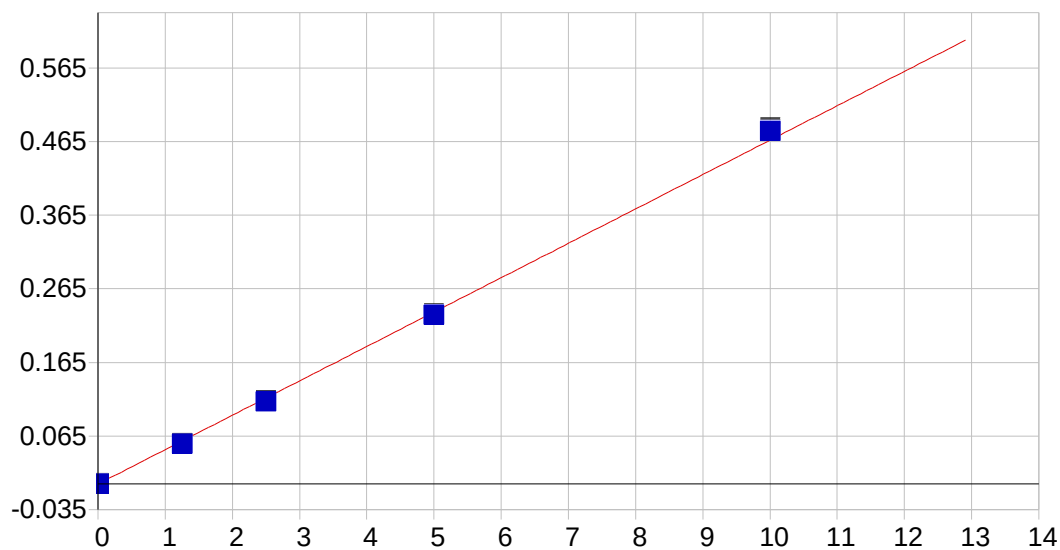


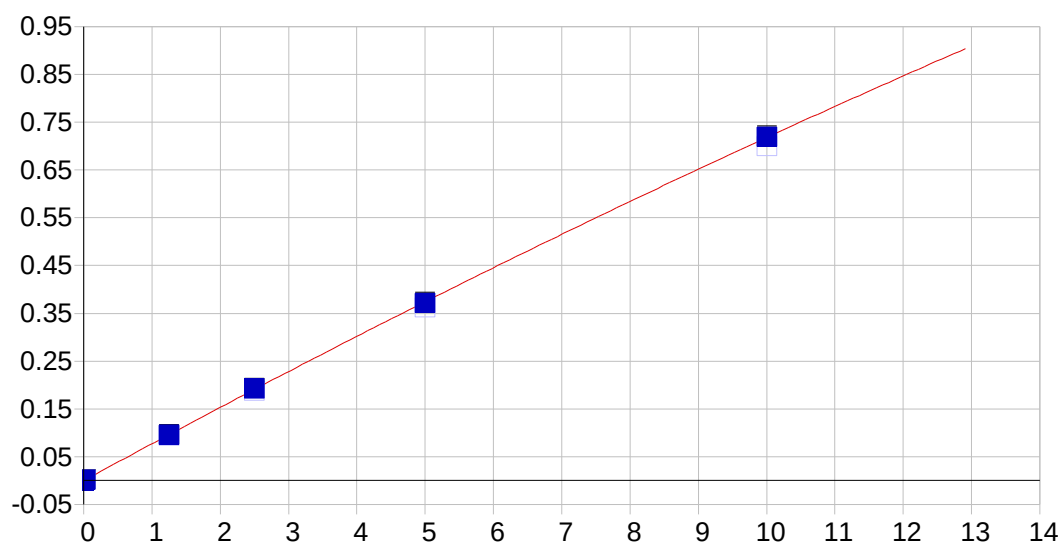


As 189.042 {479}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.046704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999503 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002832
 Predicted MQL: 0.009441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.01211	.002	21.1	.00037	.000	1
S2	1.2500	1.1625	-.087	-7.00	.05425	.001	1
S3	2.5000	2.4048	-.095	-3.81	.11243	.001	1
S4	5.0000	4.9144	-.086	-1.71	.22995	.001	1
S5	10.000	10.266	.266	2.66	.48053	.003	1

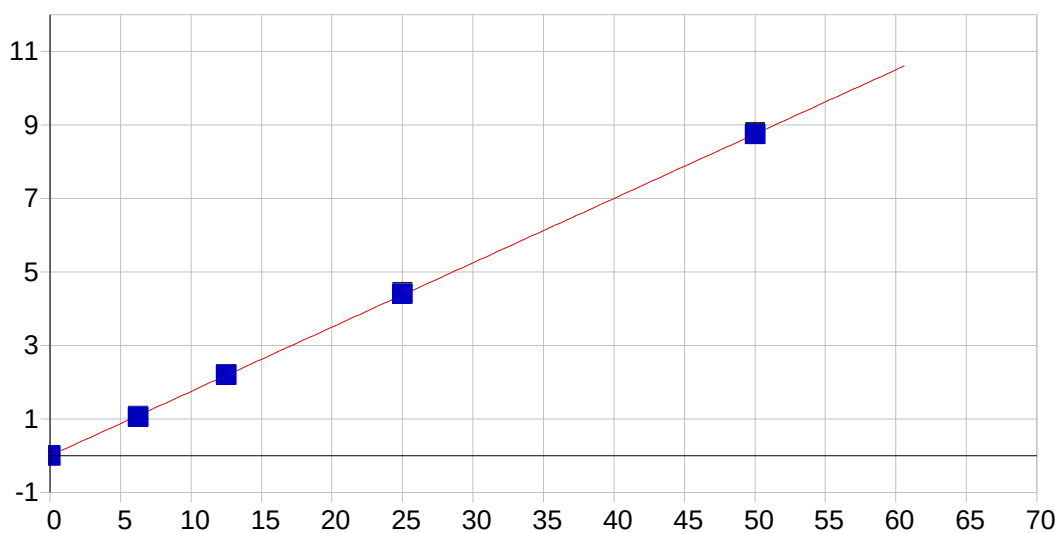


TI 190.856 {477}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.077961 Y-int: 0.000000
 A2 (Curvature): -0.000613
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001405
 Predicted MQL: 0.004683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02500	.02796	.003	11.8	.00180	.000	1
S2	1.2500	1.2476	-.002	-.190	.09377	.000	1
S3	2.5000	2.5199	.020	.797	.18769	.001	1
S4	5.0000	4.9673	-.033	-.654	.36260	.002	1
S5	10.000	10.013	.013	.126	.70026	.002	1

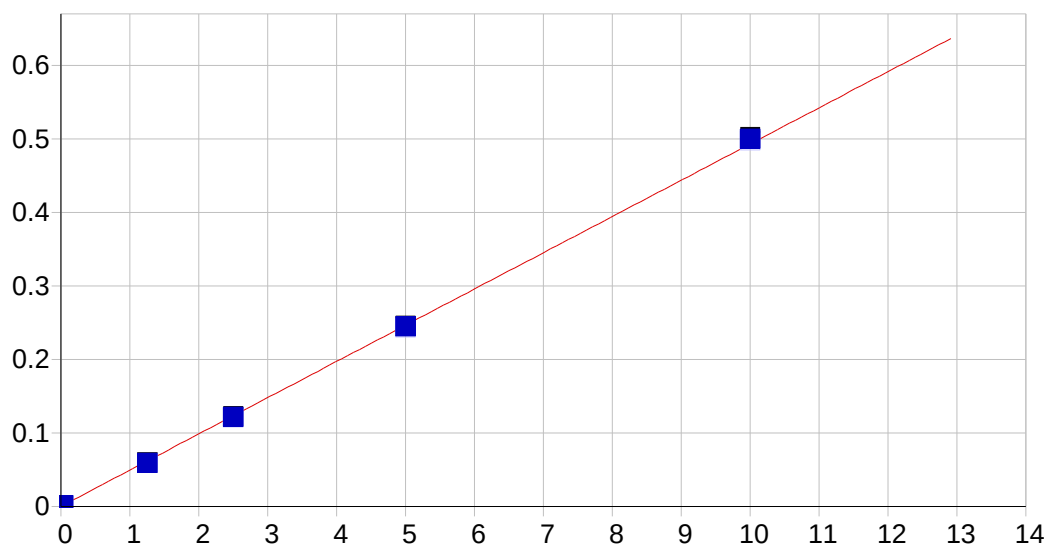


Pb 220.353 {453}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000246 Re-Slope: 1.000000
 A1 (Gain): 0.175023 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.001321
 Predicted MQL: 0.004405

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.01009	.000	.931	.00152	.000	1
S2	6.2500	6.0934	-.157	-2.51	1.0665	.004	1
S3	12.500	12.550	.050	.397	2.1967	.010	1
S4	25.000	25.137	.137	.548	4.4003	.029	1
S5	50.000	49.970	-.030	-.060	8.7476	.037	1

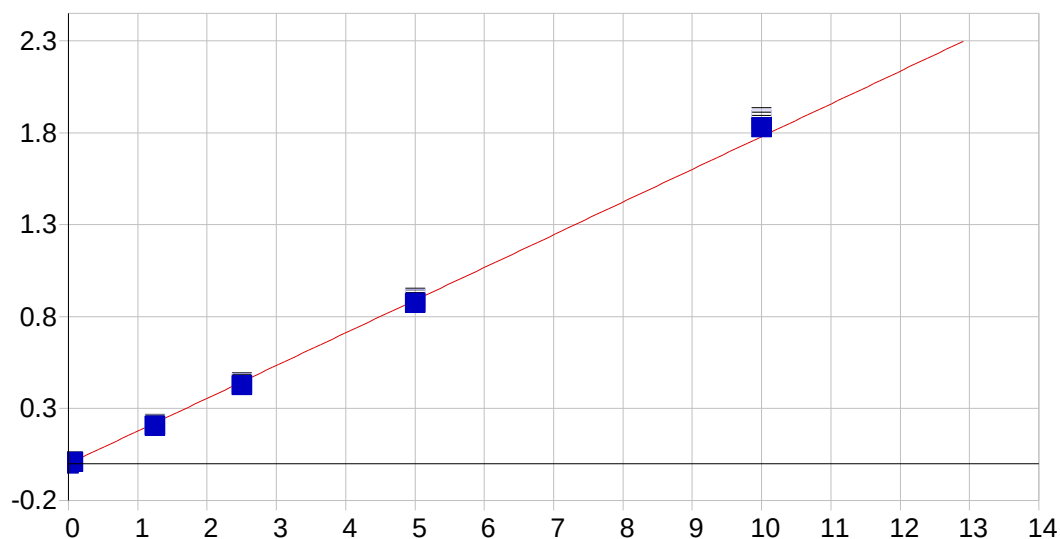


Se 196.090 {472}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000138 Re-Slope: 1.000000
 A1 (Gain): 0.049280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.003048
 Predicted MQL: 0.010161

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.03500	.03305	-.002	-5.58	.00176	.000	1
S2	1.2500	1.1978	-.052	-4.17	.05894	.000	1
S3	2.5000	2.4586	-.041	-1.66	.12084	.001	1
S4	5.0000	4.9562	-.044	-.876	.24347	.001	1
S5	10.000	10.139	.139	1.39	.49798	.003	1

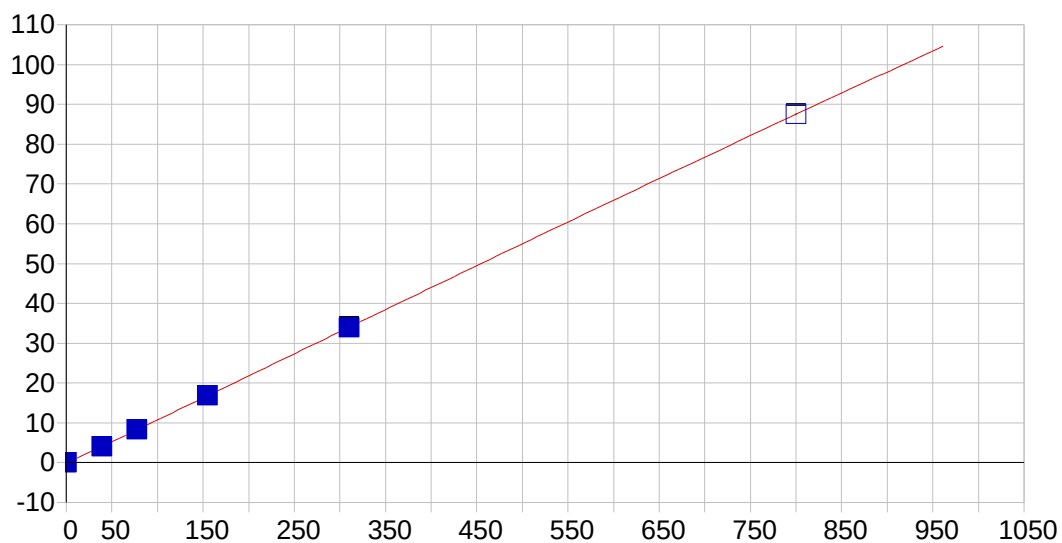


Sb 206.833 {463}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.177948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999507 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.001190
 Predicted MQL: 0.003967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00006	.000	1
S1	.06000	.05580	-.004	-7.00	.00998	.000	1
S2	1.2500	1.1625	-.087	-7.00	.21227	.002	1
S3	2.5000	2.4024	-.098	-3.91	.43824	.002	1
S4	5.0000	4.9122	-.088	-1.76	.89556	.005	1
S5	10.000	10.277	.277	2.77	1.8716	.012	1

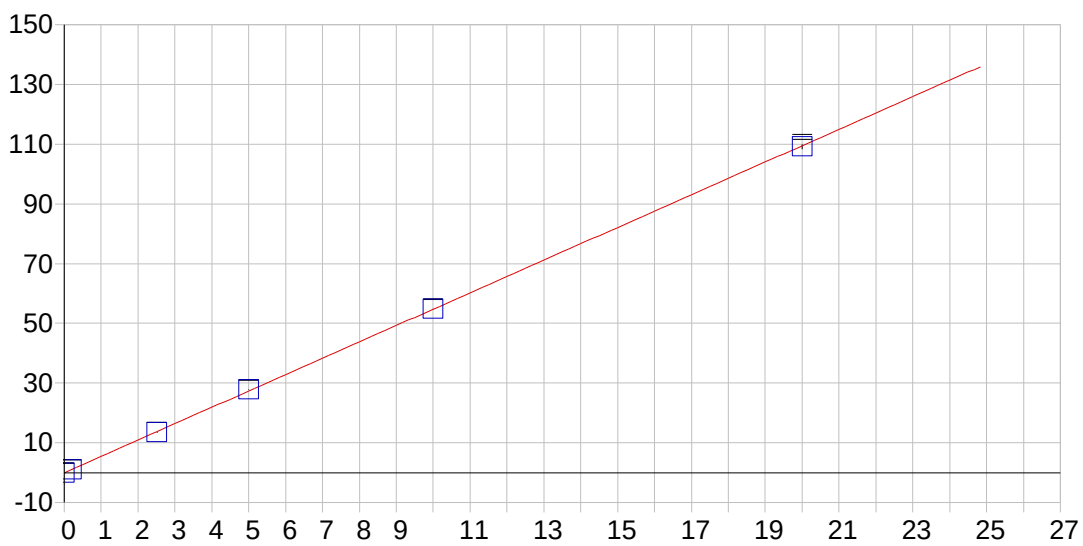


AI 396.152 { 85}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000264 Re-Slope: 1.000000
 A1 (Gain): 0.094069 Y-int: 0.000000
 A2 (Curvature): -0.000005
 n (Exponent): 1.030000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000358
 Predicted MDL: 0.006897
 Predicted MQL: 0.022991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.20000	.23726	.037	18.6	.02115	.000	1
S2	38.750	38.170	-.580	-1.50	4.0008	.013	1
S3	77.500	78.271	.771	.995	8.3630	.025	1
S4	155.00	155.27	.273	.176	16.858	.020	1
S5	310.00	309.36	-.644	-.208	33.966	.214	1
S6	800.00	800.15	.152	.019	87.502	.191	1

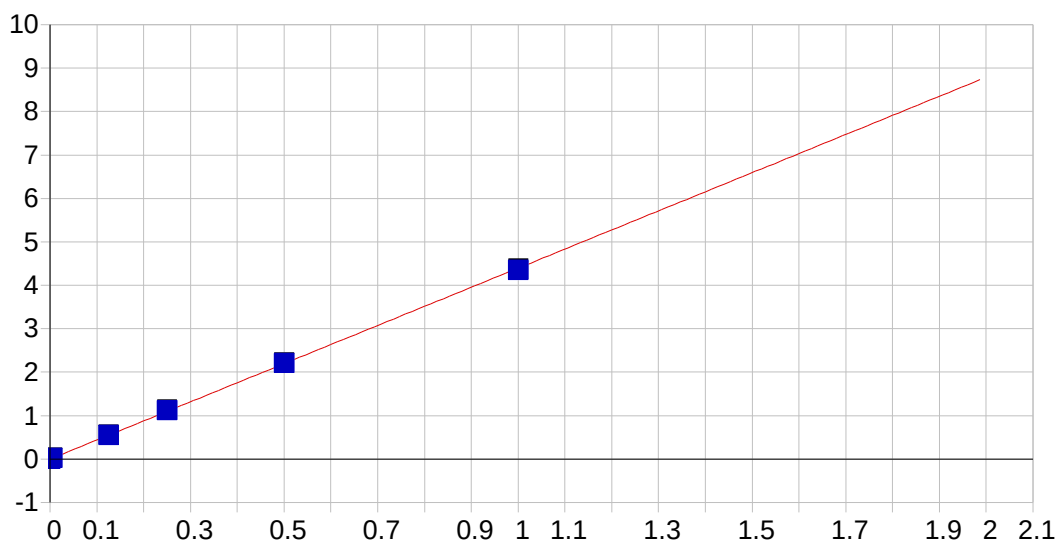


Ba 493.409 { 68}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016607 Re-Slope: 1.000000
 A1 (Gain): 5.474640 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.004381
 Predicted MDL: 0.000269
 Predicted MQL: 0.000898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01660	.001	1
S1	.20000	.19807	-.002	-.963	1.0678	.005	1
S2	2.5000	2.4640	-.036	-1.44	13.473	.047	1
S3	5.0000	5.0855	.085	1.71	27.824	.081	1
S4	10.000	10.005	.005	.050	54.757	.161	1
S5	20.000	19.947	-.053	-.263	109.19	.837	1

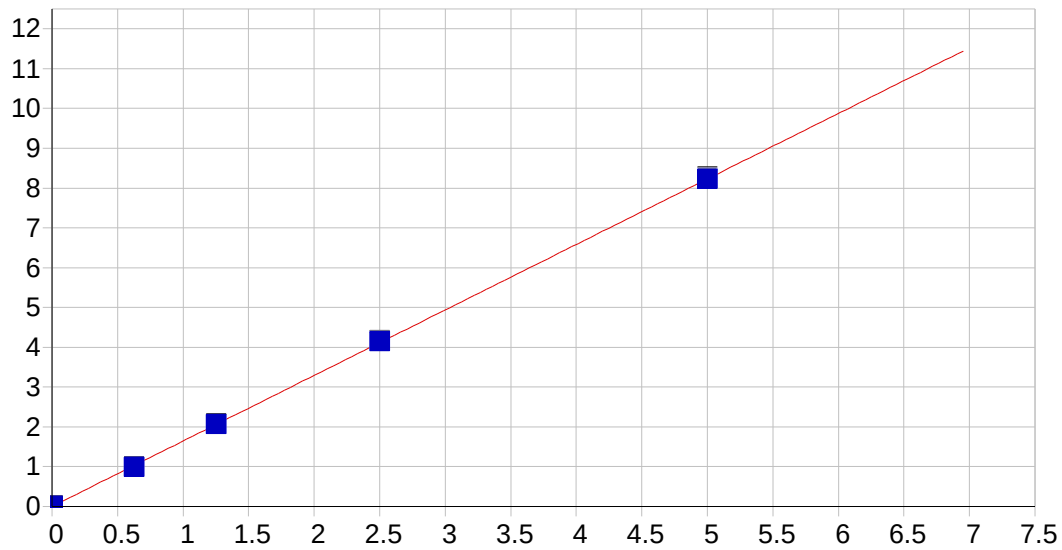


Be 234.861 {144}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001863 Re-Slope: 1.000000
 A1 (Gain): 4.396639 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.000073
 Predicted MQL: 0.000242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00186	.000	1
S1	.00500	.00532	.000	6.37	.02151	.000	1
S2	.12500	.12493	.000	-.053	.54558	.003	1
S3	.25000	.25625	.006	2.50	1.1211	.007	1
S4	.50000	.50319	.003	.638	2.2031	.006	1
S5	1.0000	.99031	-.010	-.969	4.3374	.024	1

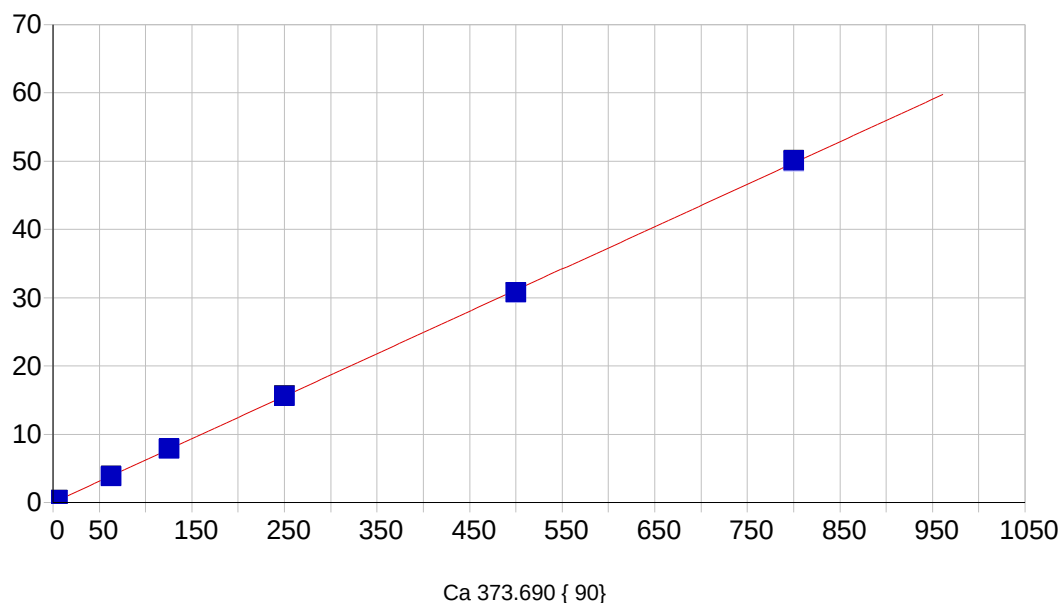


Cd 214.438 {457}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000250 Re-Slope: 1.000000
 A1 (Gain): 1.645810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.000090
 Predicted MQL: 0.000300

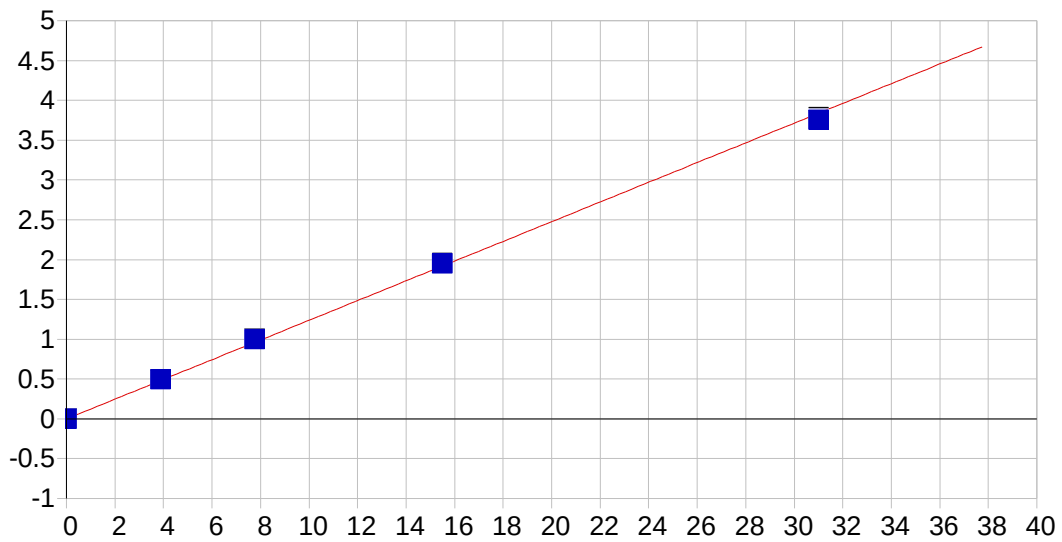
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.00500	.00468	.000	-6.39	.00796	.000	1
S2	.62500	.60128	-.024	-3.80	.99226	.002	1
S3	1.2500	1.2526	.003	.209	2.0667	.008	1
S4	2.5000	2.5193	.019	.774	4.1563	.020	1
S5	5.0000	5.0021	.002	.042	8.2521	.028	1



Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001463 Re-Slope: 1.000000
 A1 (Gain): 0.062193 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.001848
 Predicted MDL: 0.008780
 Predicted MQL: 0.029267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	.00147	.000	1
S1	5.0000	4.9063	-.094	-1.87	.30659	.002	1
S2	62.500	61.407	-1.09	-1.75	3.8158	.010	1
S3	125.00	126.26	1.26	1.00	7.8442	.027	1
S4	250.00	251.06	1.06	.422	15.596	.054	1
S5	500.00	494.38	-5.62	-1.12	30.711	.045	1
S6	800.00	804.49	4.49	.562	49.935	.117	1

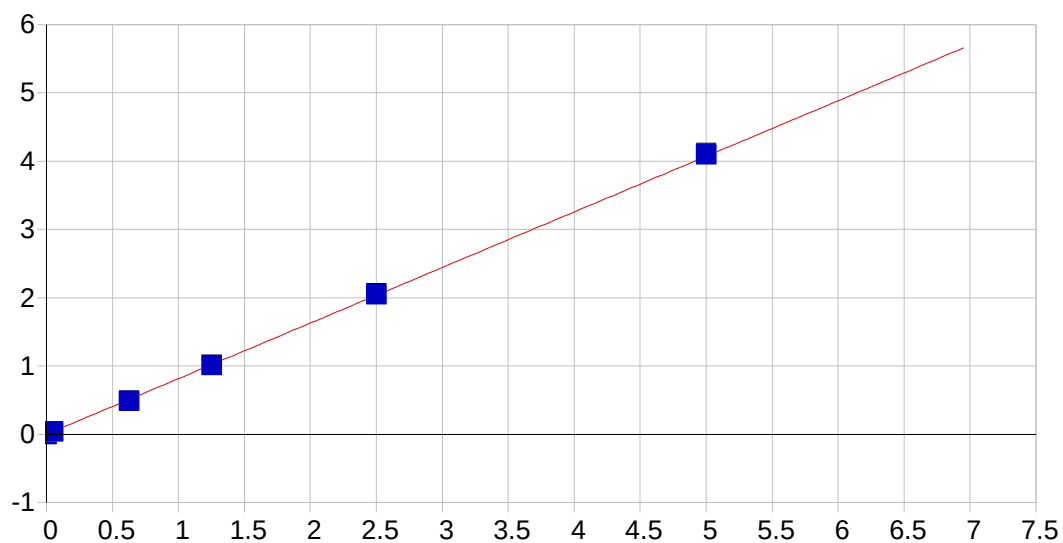


Cr 267.716 {126}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.123786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000431
 Predicted MQL: 0.001437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01035	.000	3.45	.00130	.000	1
S2	3.8750	3.9744	.099	2.57	.49323	.002	1
S3	7.7500	8.0687	.319	4.11	1.0013	.003	1
S4	15.500	15.755	.255	1.65	1.9553	.001	1
S5	31.000	30.326	-.674	-2.17	3.7639	.027	1

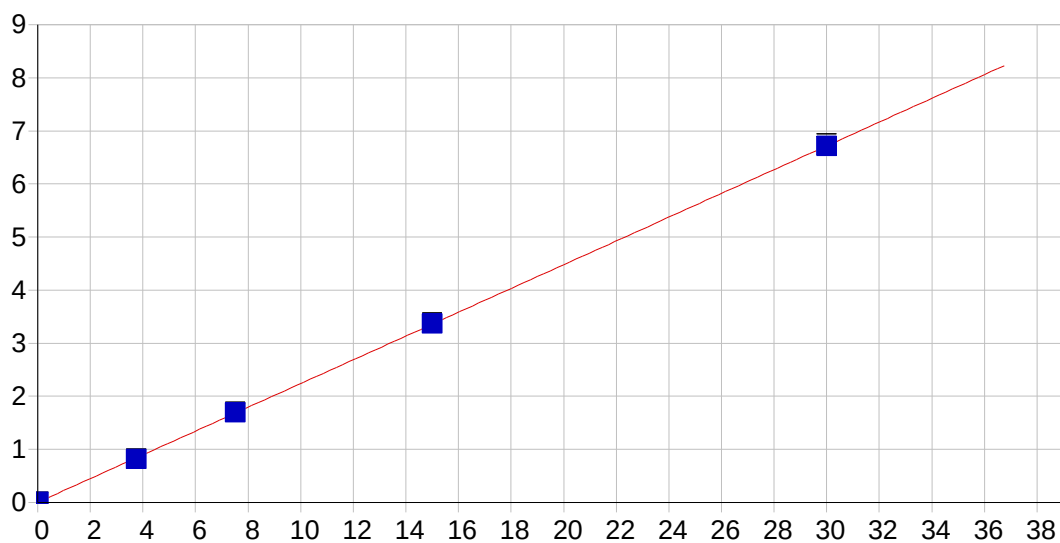


Co 228.616 {448}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000083 Re-Slope: 1.000000
 A1 (Gain): 0.814348 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000332
 Predicted MDL: 0.000202
 Predicted MQL: 0.000674

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00008	.000	1
S1	.05000	.04507	-.005	-9.85	.03677	.001	1
S2	.62500	.59473	-.030	-4.84	.48530	.001	1
S3	1.2500	1.2433	-.007	-.533	1.0145	.003	1
S4	2.5000	2.5115	.012	.462	2.0494	.013	1
S5	5.0000	5.0303	.030	.607	4.1048	.015	1

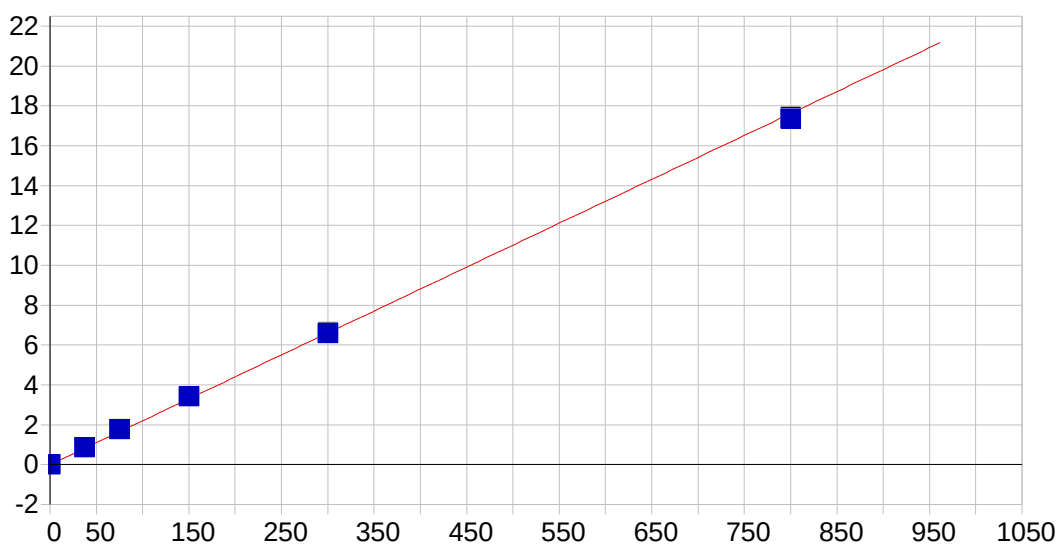


Cu 324.754 {104}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001540 Re-Slope: 1.000000
 A1 (Gain): 0.223862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001569
 Predicted MQL: 0.005231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00154	.000	1
S1	.02500	.02639	.001	5.54	.00741	.000	1
S2	3.7500	3.6555	-.095	-2.52	.81914	.002	1
S3	7.5000	7.5583	.058	.777	1.6921	.010	1
S4	15.000	15.055	.055	.368	3.3690	.013	1
S5	30.000	29.980	-.020	-.068	6.7071	.048	1

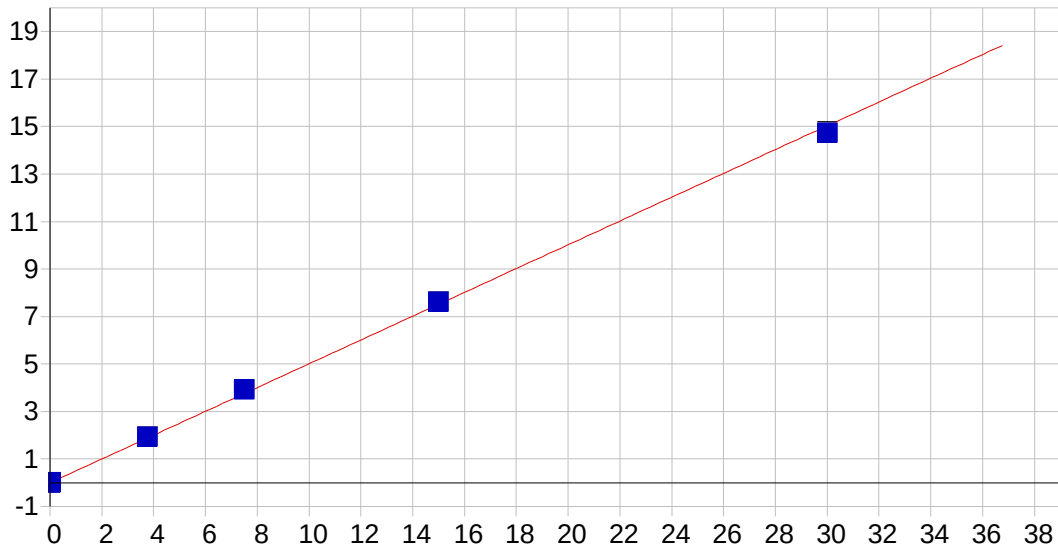


Fe 259.837 {130}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.022025 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999711 Status: OK.
 Std Error of Est: 0.000231
 Predicted MDL: 0.008092
 Predicted MQL: 0.026974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00009	.000	1
S1	.10000	.10956	.010	9.56	.00252	.000	1
S2	37.500	39.307	1.81	4.82	.86680	.003	1
S3	75.000	80.051	5.05	6.73	1.7652	.008	1
S4	150.00	155.32	5.32	3.54	3.4248	.002	1
S5	300.00	299.50	-.498	-.166	6.6044	.032	1
S6	800.00	788.31	-11.7	-1.46	17.371	.077	1

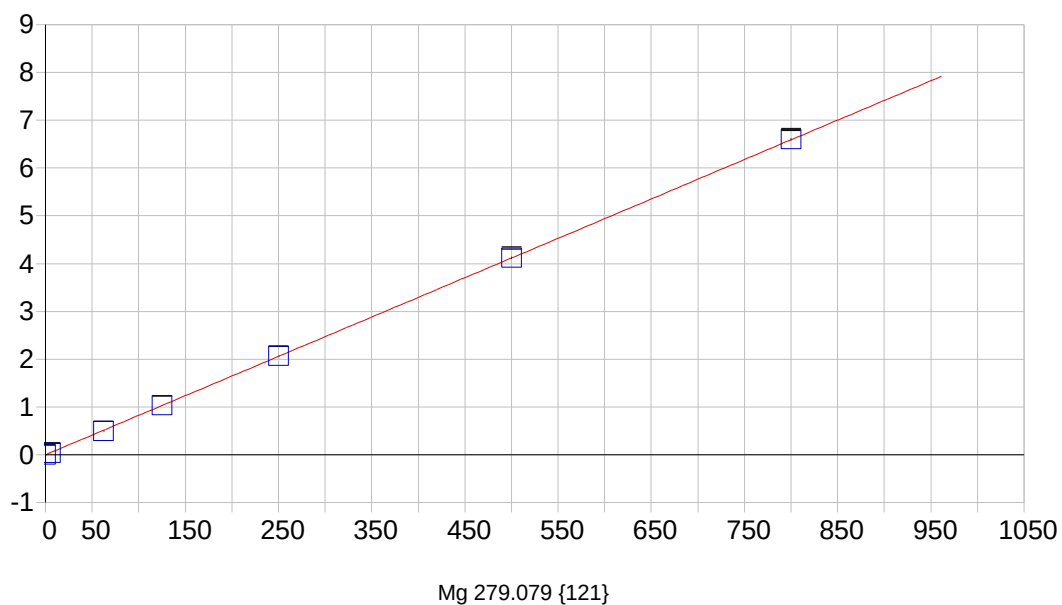


Mn 257.610 {131}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.501091 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737 Status: OK.
 Std Error of Est: 0.000408
 Predicted MDL: 0.000402
 Predicted MQL: 0.001338

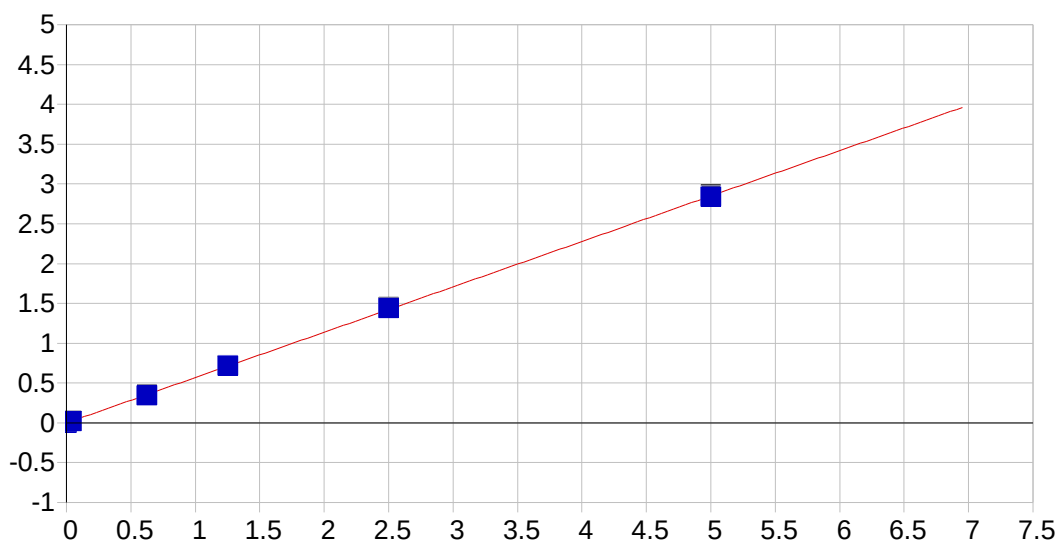
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01500	.01616	.001	7.76	.00811	.000	1
S2	3.7500	3.8442	.094	2.51	1.9267	.007	1
S3	7.5000	7.8103	.310	4.14	3.9145	.013	1
S4	15.000	15.190	.190	1.27	7.6134	.005	1
S5	30.000	29.404	-.596	-1.99	14.737	.049	1



Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.008237 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000268
 Predicted MDL: 0.025354
 Predicted MQL: 0.084512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00045	.000	.000	-.00023	.000	1
S1	5.0000	4.7483	-.252	-5.03	.03888	.001	1
S2	62.500	59.640	-2.86	-4.58	.49100	.002	1
S3	125.00	124.96	-.039	-.031	1.0290	.006	1
S4	250.00	251.10	1.10	.441	2.0680	.002	1
S5	500.00	500.51	.512	.102	4.1223	.023	1
S6	800.00	801.54	1.54	.192	6.6017	.026	1

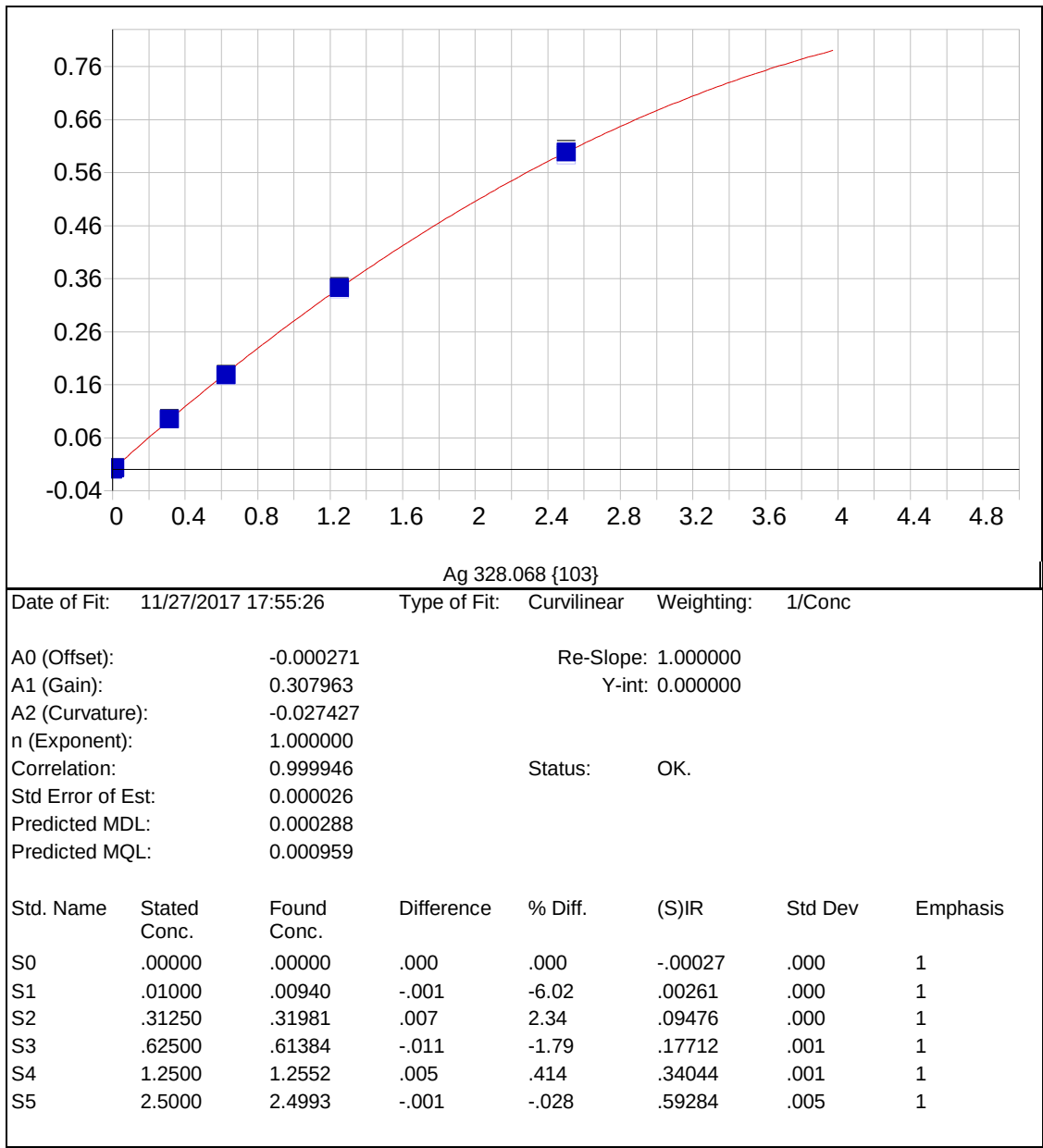


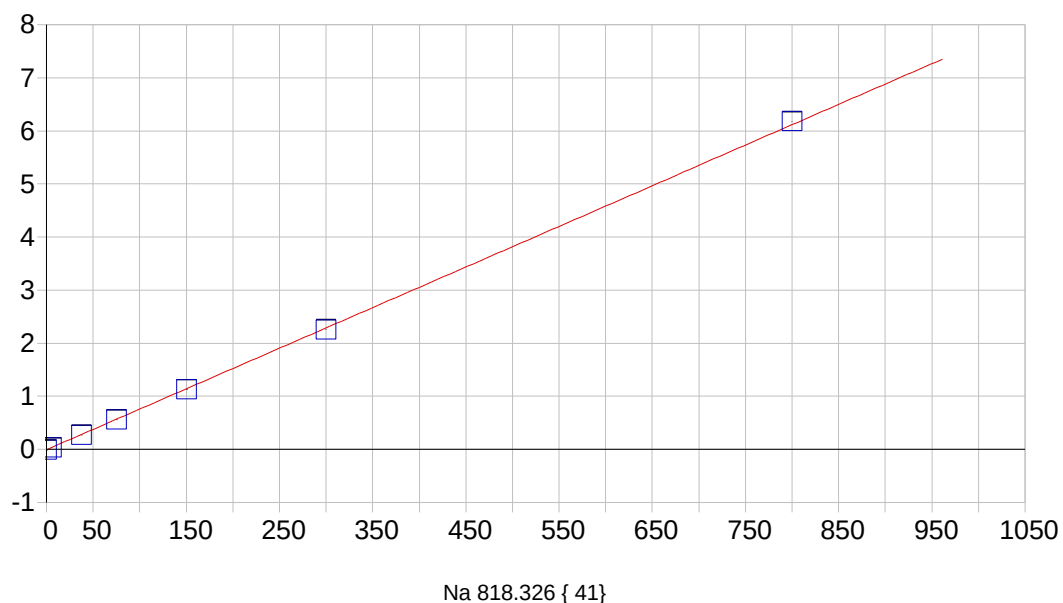
Ni 231.604 {446}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001029 Re-Slope: 1.000000
 A1 (Gain): 0.569875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000335
 Predicted MQL: 0.001116

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.04000	.03833	-.002	-4.17	.02084	.000	1
S2	.62500	.60950	-.016	-2.48	.34818	.001	1
S3	1.2500	1.2598	.010	.785	.72065	.003	1
S4	2.5000	2.5238	.024	.954	1.4447	.008	1
S5	5.0000	4.9835	-.016	-.330	2.8539	.010	1

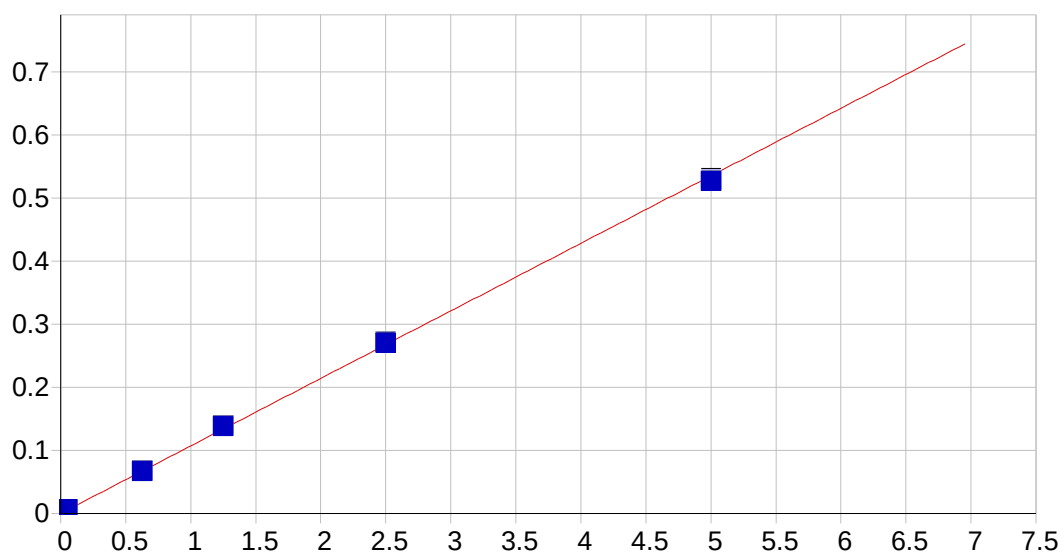




Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006279 Re-Slope: 1.000000
 A1 (Gain): 0.007651 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000320
 Predicted MDL: 0.160862
 Predicted MQL: 0.536208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00060	.001	.000	-.00627	.001	1
S1	5.0000	4.7443	-.256	-5.11	.03002	.001	1
S2	37.500	35.823	-1.68	-4.47	.26781	.002	1
S3	75.000	74.148	-.852	-1.14	.56105	.003	1
S4	150.00	148.41	-1.59	-1.06	1.1293	.002	1
S5	300.00	296.11	-3.89	-1.30	2.2594	.009	1
S6	800.00	808.26	8.26	1.03	6.1780	.007	1

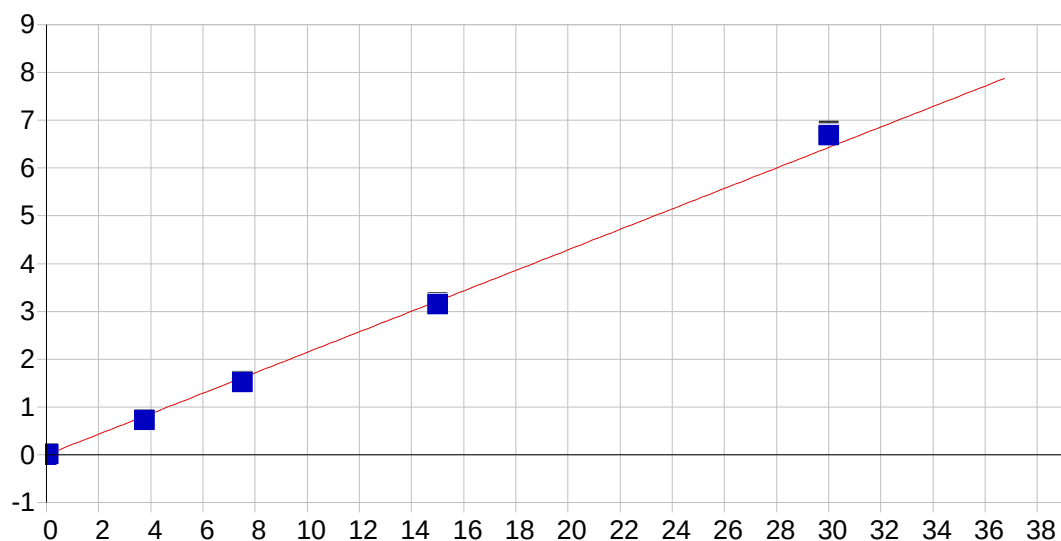


V 292.402 {115}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.106976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.002889
 Predicted MQL: 0.009630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.05000	.05204	.002	4.08	.00569	.000	1
S2	.62500	.62815	.003	.504	.06758	.000	1
S3	1.2500	1.2923	.042	3.38	.13890	.000	1
S4	2.5000	2.5278	.028	1.11	.27163	.001	1
S5	5.0000	4.9247	-.075	-1.51	.52915	.002	1

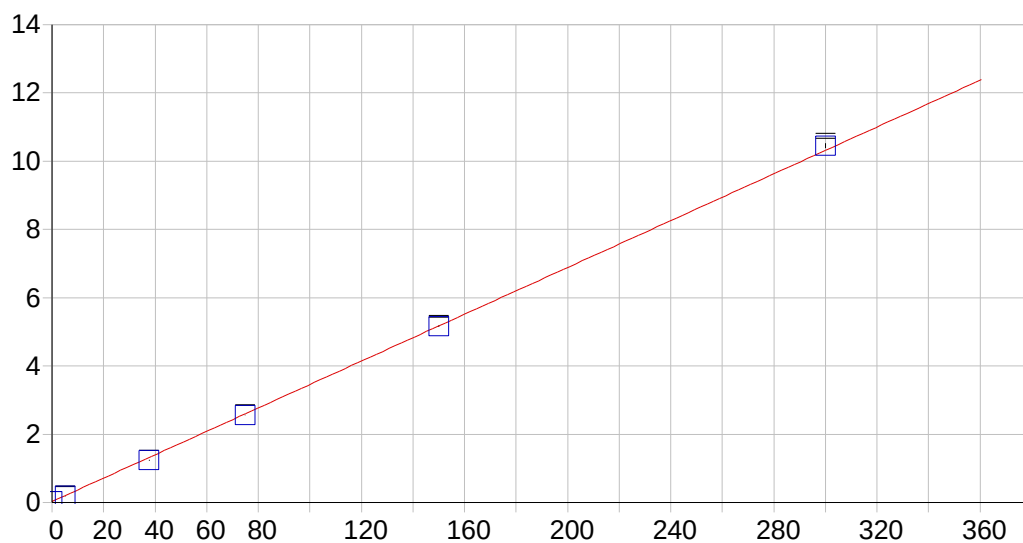


Zn 213.856 {158}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.214340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998947 Status: OK.
 Std Error of Est: 0.000704
 Predicted MDL: 0.002462
 Predicted MQL: 0.008205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00006	.000	1
S1	.06000	.05382	-.006	-10.3	.01153	.000	1
S2	3.7500	3.3433	-.407	-10.8	.72088	.003	1
S3	7.5000	7.0805	-.420	-5.59	1.5263	.013	1
S4	15.000	14.673	-.327	-2.18	3.1624	.021	1
S5	30.000	31.159	1.16	3.86	6.7133	.065	1

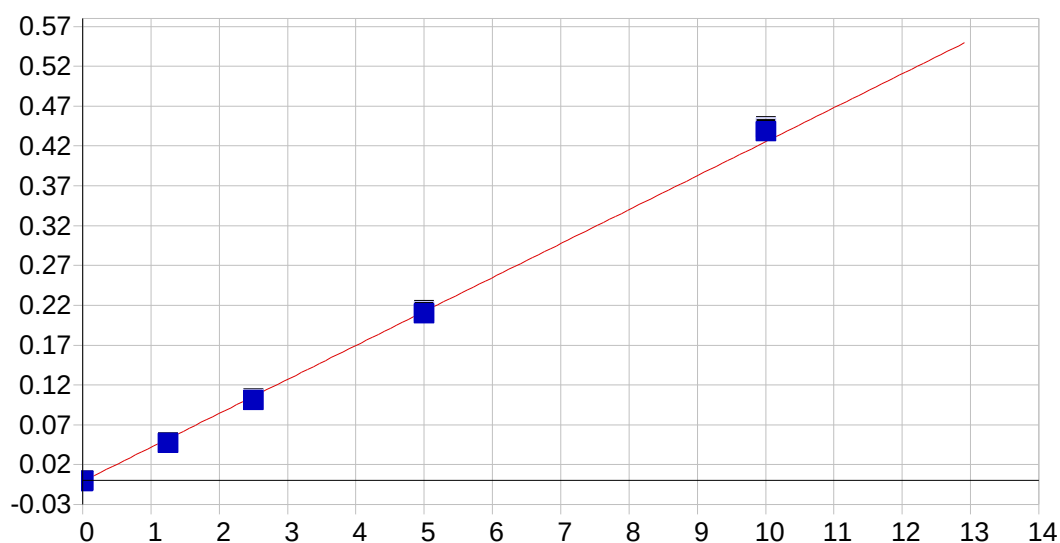


K 769.896 { 44}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027519 Re-Slope: 1.000000
 A1 (Gain): 0.034298 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.001415
 Predicted MDL: 0.037645
 Predicted MQL: 0.125484

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00069	.001	.000	.02754	.001	1
S1	5.0000	4.6226	-.377	-7.55	.18606	.002	1
S2	37.500	35.264	-2.24	-5.96	1.2370	.004	1
S3	75.000	73.929	-1.07	-1.43	2.5631	.008	1
S4	150.00	149.82	-.182	-.122	5.1659	.022	1
S5	300.00	303.87	3.87	1.29	10.450	.071	1

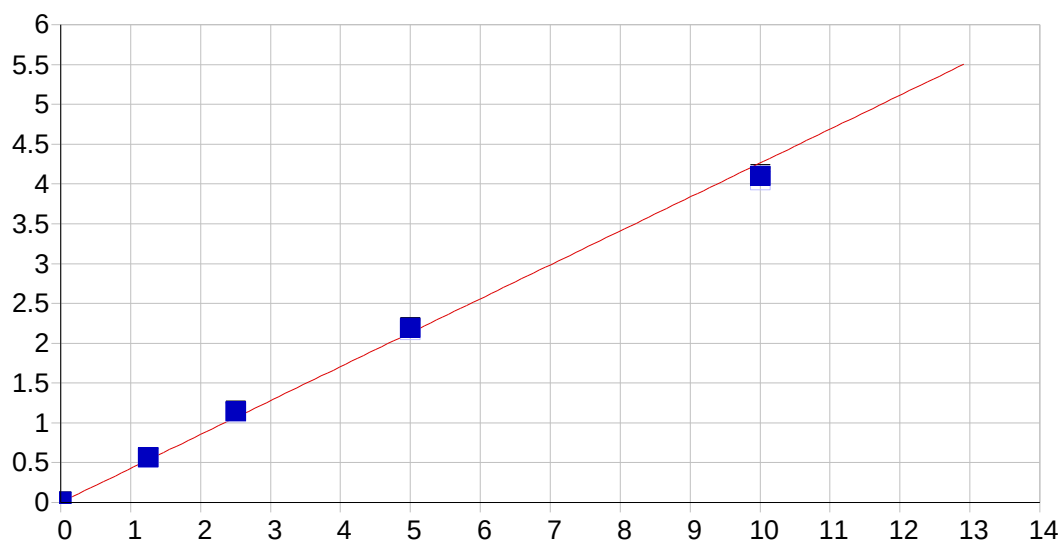


P 177.495 {490}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000933 Re-Slope: 1.000000
 A1 (Gain): 0.042622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999267 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002129
 Predicted MQL: 0.007096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.01000	.01169	.002	16.9	-.00043	.000	1
S2	1.2500	1.1195	-.131	-10.4	.04739	.000	1
S3	2.5000	2.3885	-.111	-4.46	.10209	.001	1
S4	5.0000	4.9457	-.054	-1.09	.21230	.001	1
S5	10.000	10.295	.295	2.95	.44272	.002	1

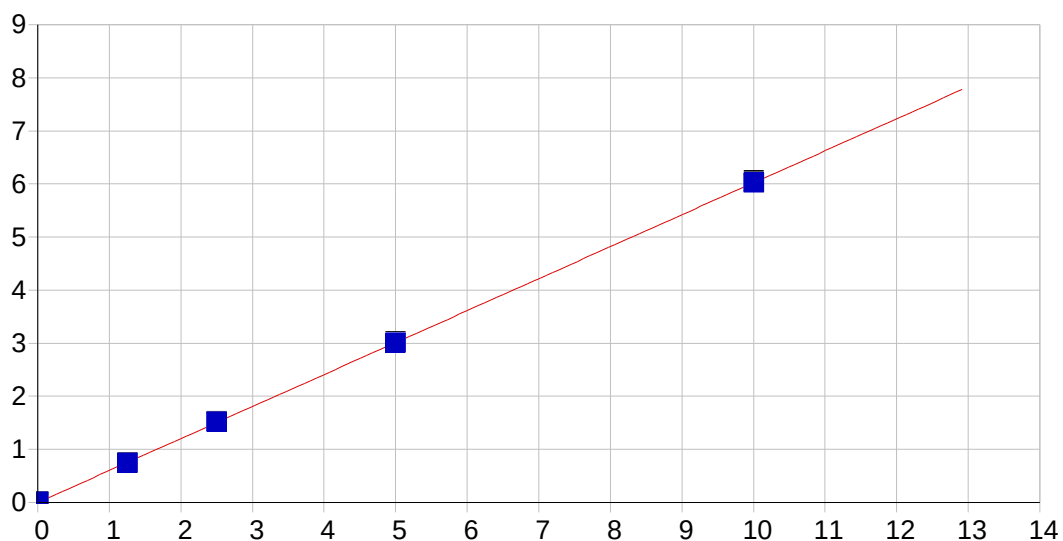


B 249.678 {135}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001734 Re-Slope: 1.000000
 A1 (Gain): 0.426022 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999063 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.000828
 Predicted MQL: 0.002759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00173	.000	1
S1	.01000	.01023	.000	2.32	.00610	.000	1
S2	1.2500	1.3182	.068	5.46	.55666	.003	1
S3	2.5000	2.6761	.176	7.05	1.1285	.006	1
S4	5.0000	5.1361	.136	2.72	2.1631	.007	1
S5	10.000	9.6193	-.381	-3.81	4.0464	.016	1

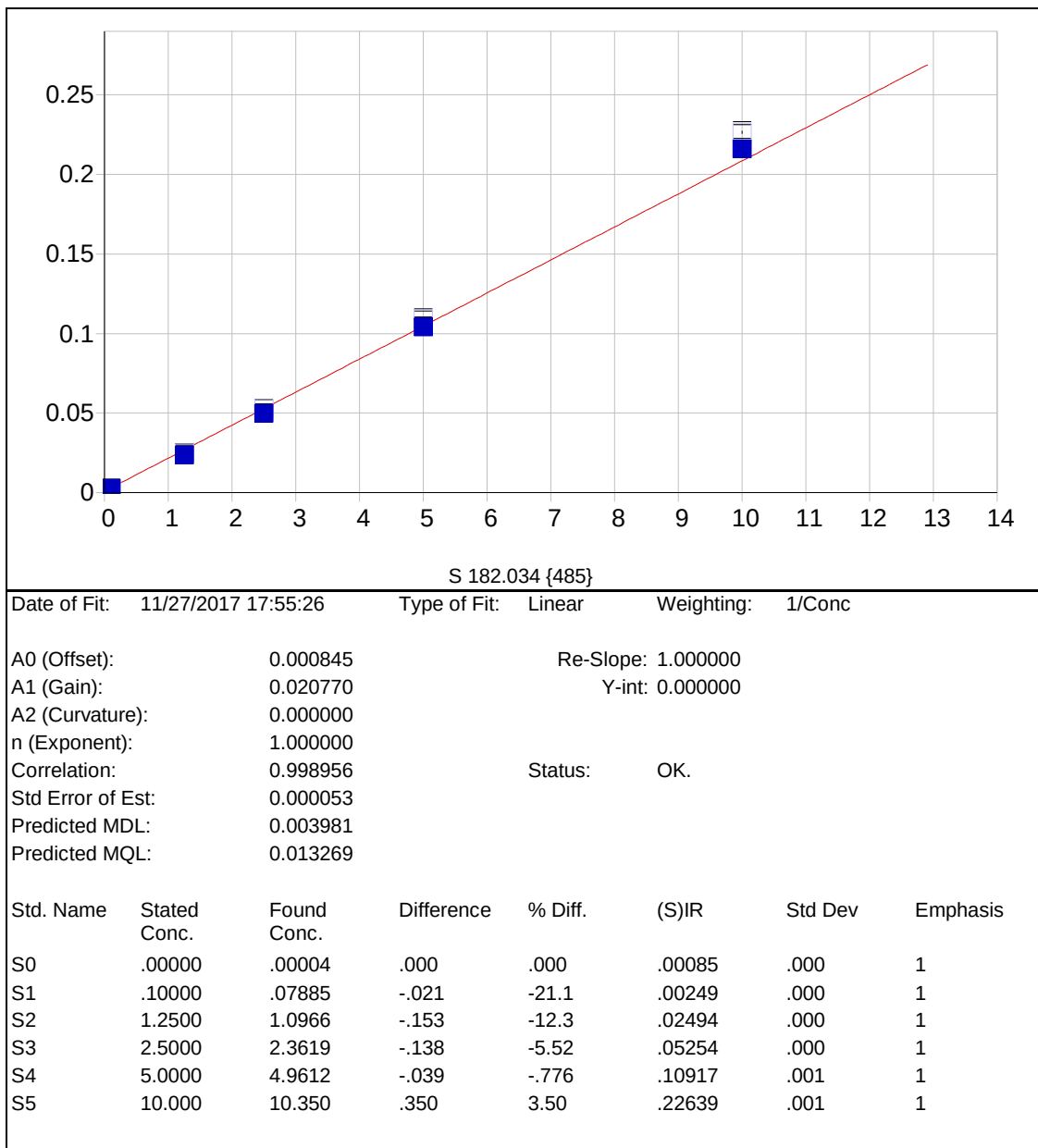


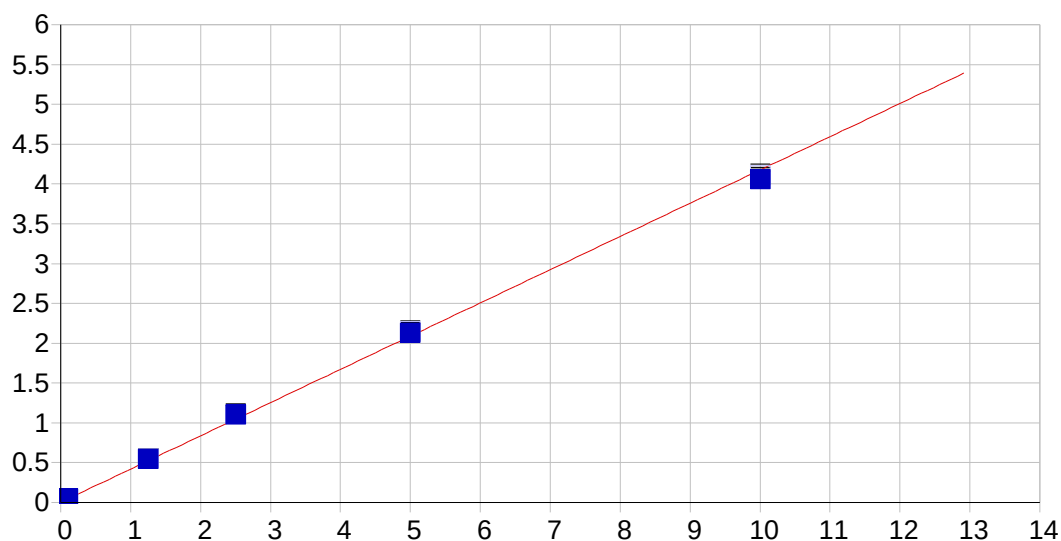
Mo 202.030 {467}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000240 Re-Slope: 1.000000
 A1 (Gain): 0.602242 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.000282
 Predicted MQL: 0.000938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01000	.01036	.000	3.62	.00649	.000	1
S2	1.2500	1.2337	-.016	-1.30	.74393	.003	1
S3	2.5000	2.5139	.014	.556	1.5156	.009	1
S4	5.0000	4.9998	.000	-.004	3.0141	.014	1
S5	10.000	10.002	.002	.022	6.0295	.032	1



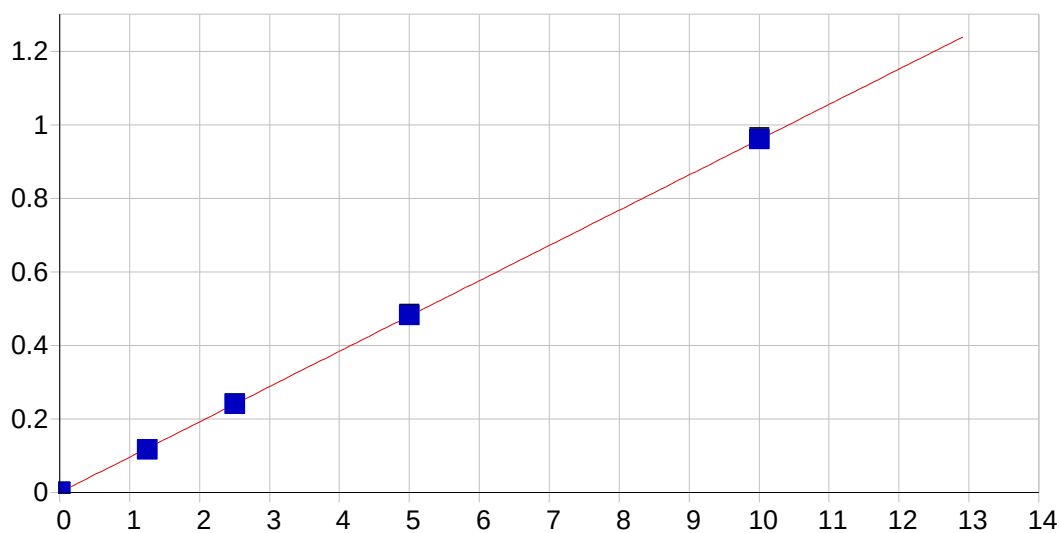


Si 251.611 {134}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002222 Re-Slope: 1.000000
 A1 (Gain): 0.417356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999510 Status: OK.
 Std Error of Est: 0.000702
 Predicted MDL: 0.000866
 Predicted MQL: 0.002886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00222	.000	1
S1	.10000	.10697	.007	6.97	.04702	.001	1
S2	1.2500	1.3025	.053	4.20	.55198	.003	1
S3	2.5000	2.6307	.131	5.23	1.1124	.005	1
S4	5.0000	5.0890	.089	1.78	2.1507	.008	1
S5	10.000	9.7209	-.279	-2.79	4.1084	.021	1

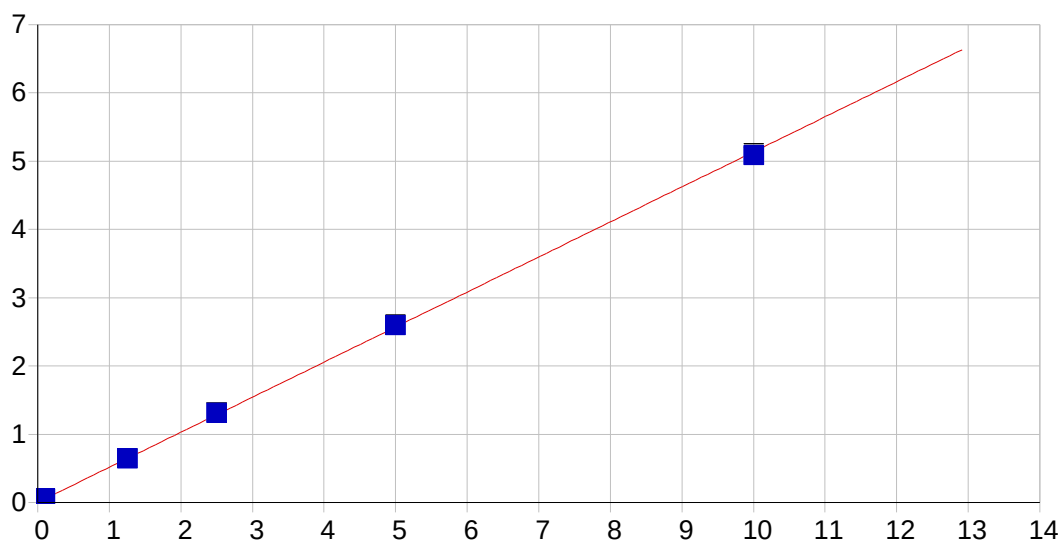


Sn 189.989 {478}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000258 Re-Slope: 1.000000
 A1 (Gain): 0.095950 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000979
 Predicted MQL: 0.003262

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.00700	.00526	-.002	-24.9	.00075	.000	1
S2	1.2500	1.2096	-.040	-3.24	.11622	.000	1
S3	2.5000	2.5085	.008	.340	.24076	.000	1
S4	5.0000	5.0263	.026	.526	.48216	.002	1
S5	10.000	10.007	.007	.074	.95971	.005	1

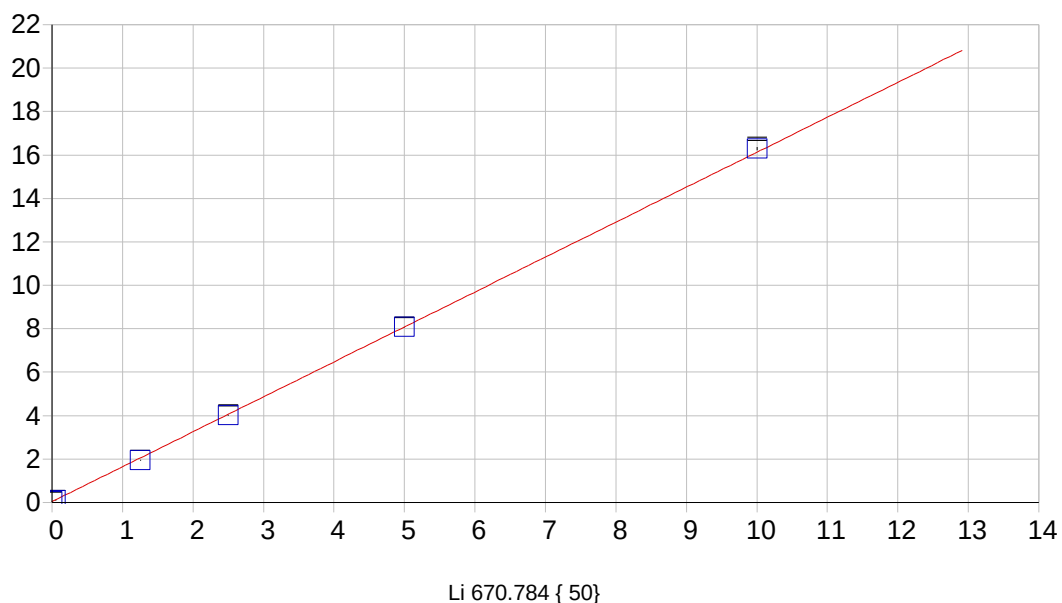


Ti 336.121 {100}

Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001800 Re-Slope: 1.000000
 A1 (Gain): 0.513563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000325
 Predicted MDL: 0.000768
 Predicted MQL: 0.002561

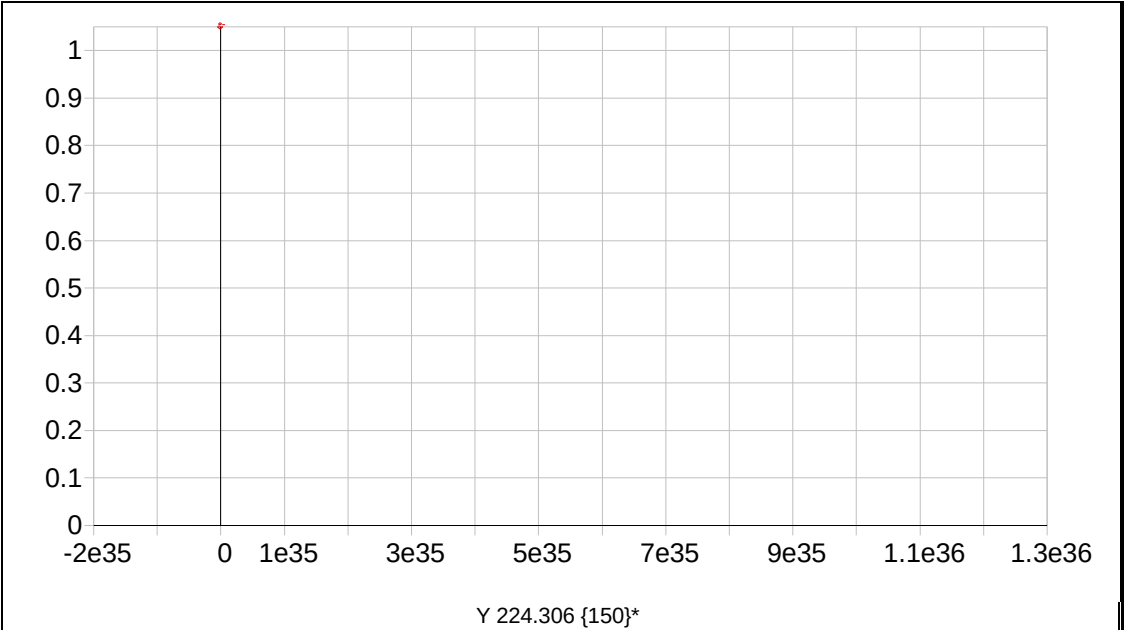
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00180	.000	1
S1	.10000	.09920	-.001	-.796	.05273	.000	1
S2	1.2500	1.2435	-.006	-.520	.64020	.002	1
S3	2.5000	2.5529	.053	2.12	1.3124	.005	1
S4	5.0000	5.0525	.052	1.05	2.5957	.004	1
S5	10.000	9.9019	-.098	-.981	5.0853	.026	1



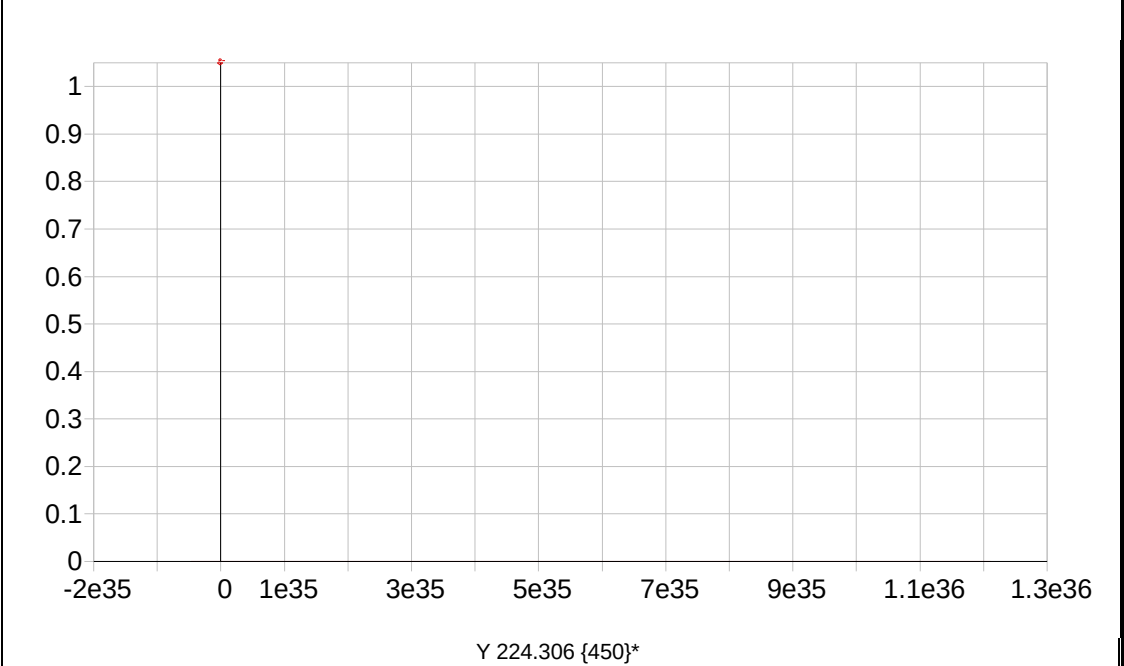
Date of Fit: 11/27/2017 17:55:26 Type of Fit: Linear Weighting: 1/Conc

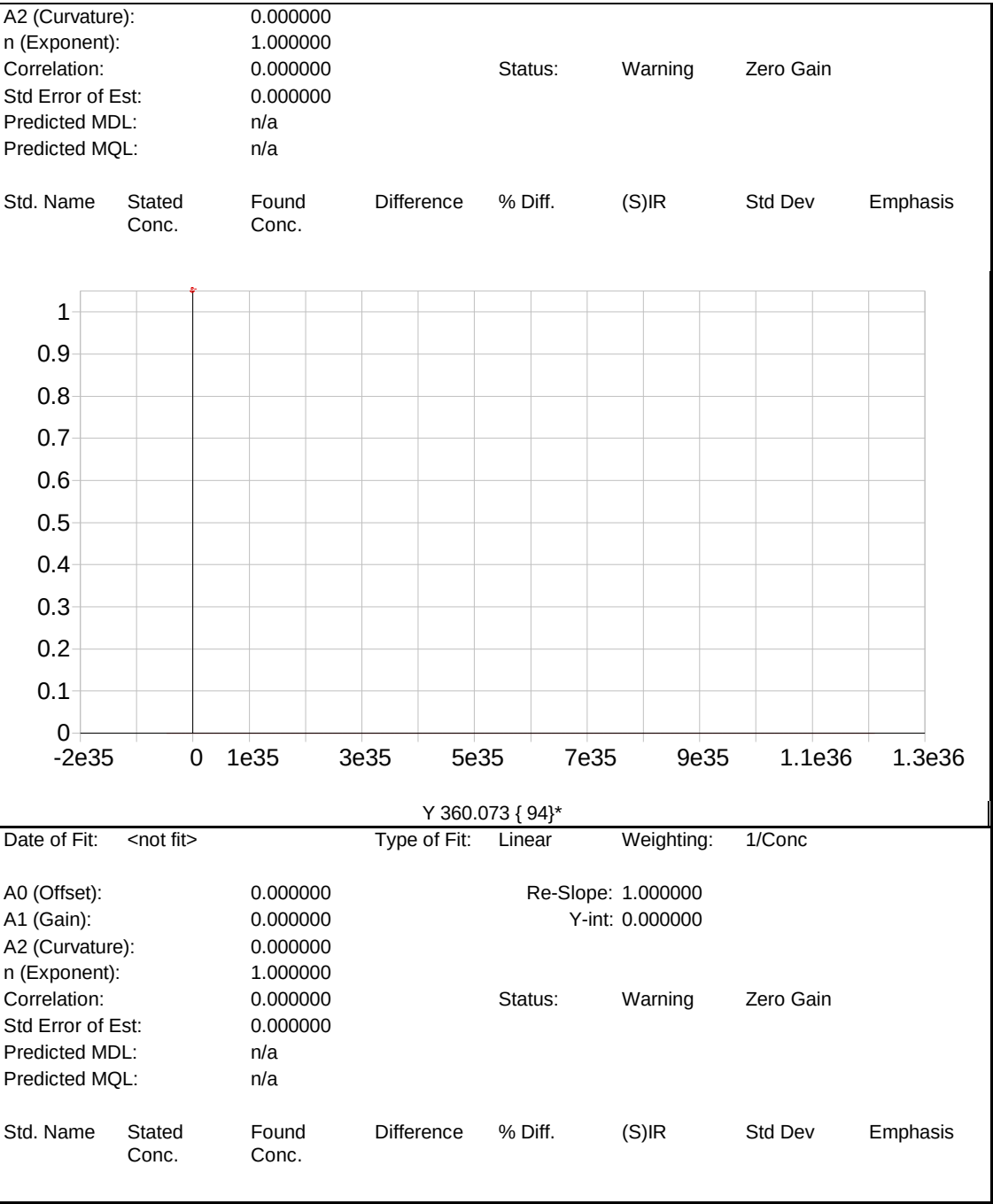
A0 (Offset): 0.039073 Re-Slope: 1.000000
 A1 (Gain): 1.608841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.001052
 Predicted MDL: 0.000848
 Predicted MQL: 0.002827

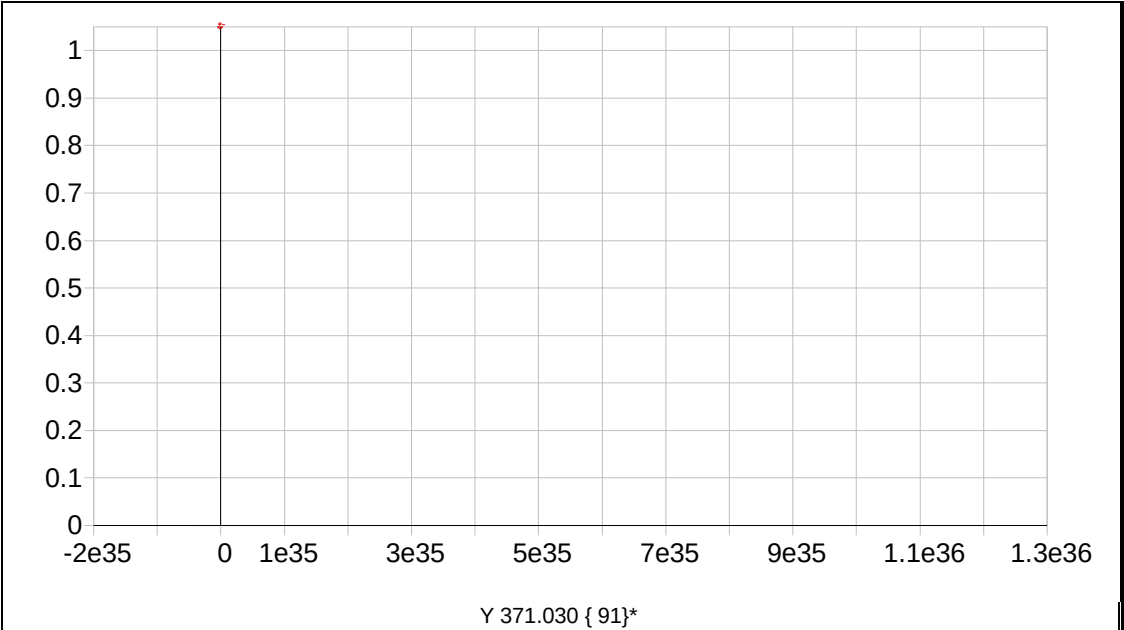
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03909	.002	1
S5	10.000	10.106	.106	1.06	16.297	.081	1
S4	5.0000	4.9948	-.005	-.103	8.0750	.009	1
S3	2.5000	2.4708	-.029	-1.17	4.0142	.021	1
S2	1.2500	1.1855	-.064	-5.16	1.9464	.010	1
S1	.05000	.04322	-.007	-13.6	.10861	.001	1



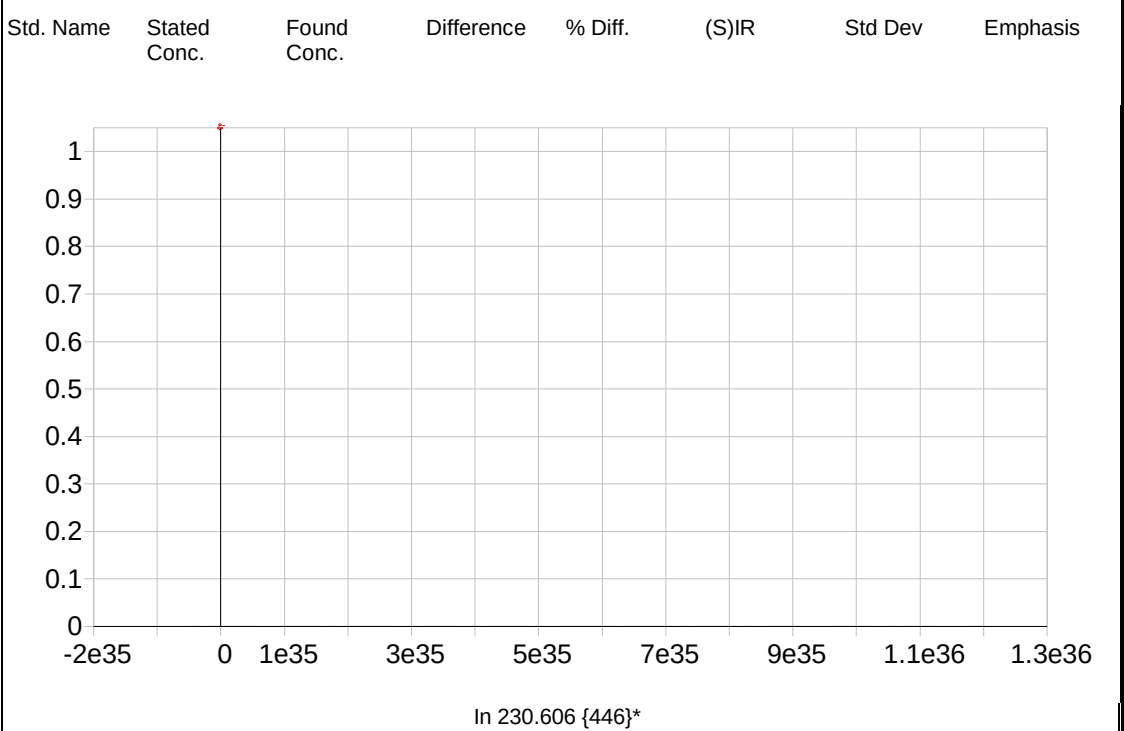
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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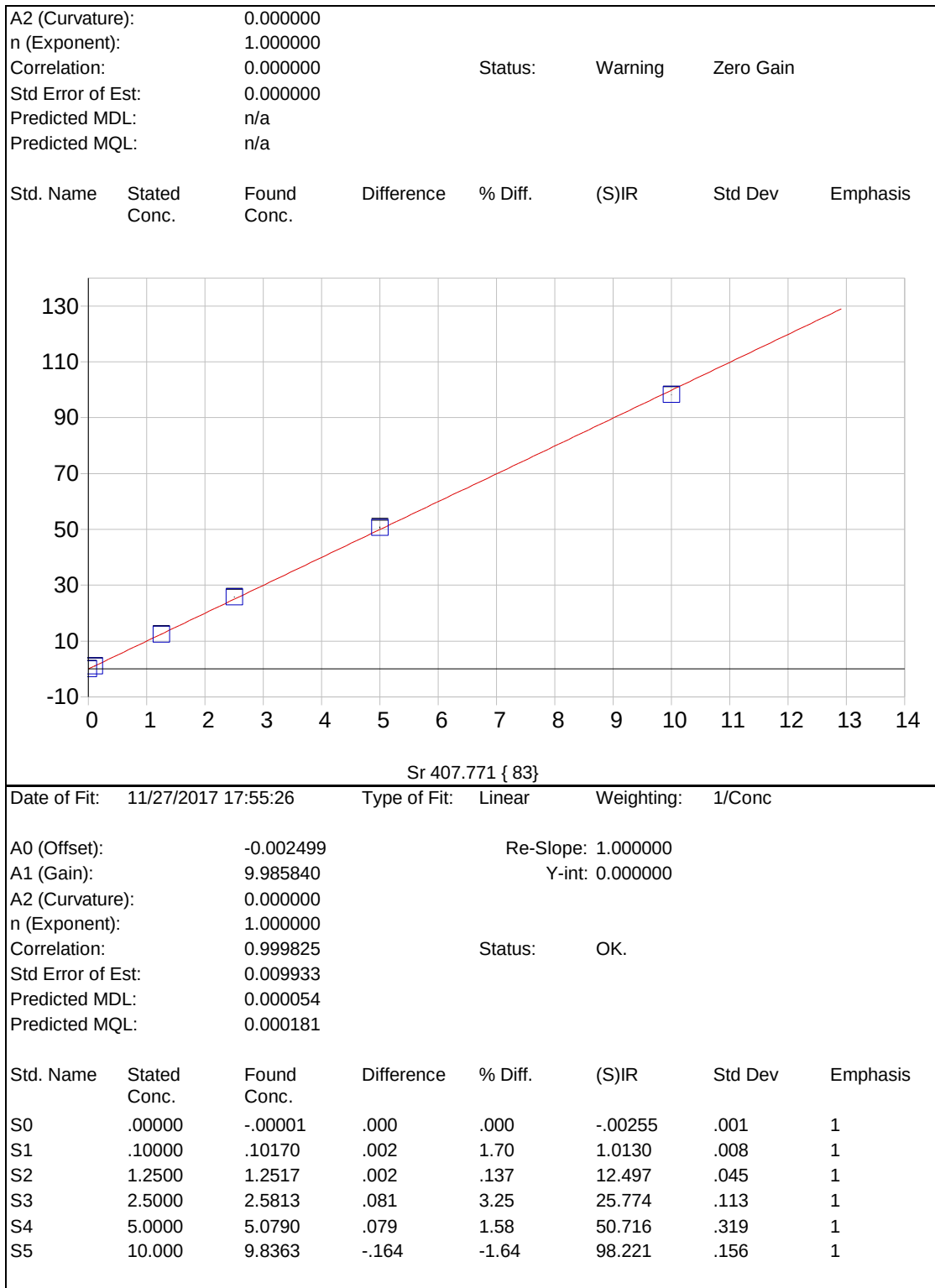




A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	



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



Sample Name: S0 Acquired: 11/27/2017 12:09:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	-.00020	-.00021	-.00025	.00014	.00006	-.00027	-.01660	-.00186
Stddev	.00007	.00006	.00013	.00010	.00019	.00011	.00125	.00022
%RSD	34.637	29.398	54.233	72.387	308.11	40.374	7.5126	11.876

#1	-.00019	-.00022	-.00039	.00019	.00006	-.00025	-.01562	-.00199
#2	-.00014	-.00015	-.00021	.00020	.00025	-.00017	-.01617	-.00199
#3	-.00027	-.00028	-.00013	.00002	-.00012	-.00038	-.01800	-.00161

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00025	.00147	.00000	-.00008	.00154	.00009	.00000	-.00023
Stddev	.00019	.00048	.00005	.00002	.00029	.00020	.00017	.00016
%RSD	75.325	32.389	1748.9	28.058	19.066	208.15	22289.	71.369

#1	.00004	.00202	.00005	-.00006	.00187	.00023	-.00003	-.00038
#2	.00032	.00118	-.00001	-.00010	.00131	-.00013	-.00015	-.00025
#3	.00040	.00121	-.00004	-.00007	.00144	.00018	.00018	-.00006

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00103	-.00027	-.00627	.00011	-.00006	.02754	-.00093	.00173
Stddev	.00027	.00004	.00137	.00009	.00031	.00084	.00005	.00007
%RSD	26.572	13.344	21.801	86.028	554.29	3.0578	5.3058	3.8549

#1	-.00083	-.00026	-.00471	.00011	-.00020	.02827	-.00090	.00166
#2	-.00091	-.00031	-.00727	.00001	-.00027	.02662	-.00091	.00174
#3	-.00134	-.00024	-.00684	.00020	.00030	.02774	-.00099	.00179

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	.00024	.00085	.00222	.00026	.00180	.03909	-.00255	
Stddev	.00013	.00005	.00025	.00005	.00020	.00157	.00050	
%RSD	52.565	5.8121	11.121	18.668	11.180	4.0088	19.728	

#1	.00021	.00090	.00197	.00027	.00166	.04046	-.00248	
#2	.00038	.00083	.00246	.00020	.00171	.03738	-.00208	
#3	.00013	.00081	.00222	.00030	.00203	.03943	-.00308	

Sample Name: S0 Acquired: 11/27/2017 12:09:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	1773.6	2774.5	53976.	6973.8	4107.4
Stddev	11.4	5.7	232.	65.7	2.7
%RSD	.64061	.20688	.43049	.94159	.06460
#1	1784.0	2769.2	54226.	6898.5	4105.1
#2	1775.4	2773.8	53938.	7003.4	4107.0
#3	1761.5	2780.6	53766.	7019.4	4110.3

Sample Name: S1 Acquired: 11/27/2017 12:13:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.00037	.00180	.00152	.00176	.00998	.02115	1.0678	.02151
Stddev	.00014	.00013	.00009	.00010	.00012	.00019	.0048	.00007
%RSD	36.915	7.2858	6.0540	5.5573	1.2068	.90986	.44587	.32928

#1	.00051	.00184	.00143	.00179	.00995	.02092	1.0712	.02143
#2	.00034	.00165	.00161	.00185	.01012	.02126	1.0623	.02157
#3	.00025	.00190	.00152	.00166	.00989	.02125	1.0698	.02152

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	.00796	.30659	.00130	.03677	.00741	.00252	.00811	.03888
Stddev	.00008	.00208	.00007	.00051	.00027	.00008	.00041	.00053
%RSD	1.0646	.67738	5.2578	1.3961	3.7029	3.1931	5.0149	1.3574

#1	.00790	.30645	.00137	.03618	.00749	.00251	.00772	.03898
#2	.00792	.30458	.00124	.03712	.00711	.00245	.00807	.03831
#3	.00806	.30873	.00129	.03701	.00764	.00261	.00853	.03935

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	.02084	.00261	.03002	.00569	.01153	.18606	-.00043	.00610
Stddev	.00043	.00006	.00079	.00014	.00023	.00182	.00005	.00016
%RSD	2.0455	2.4009	2.6255	2.4142	1.9540	.97854	11.015	2.5421

#1	.02037	.00255	.02947	.00558	.01134	.18559	-.00039	.00628
#2	.02119	.00261	.02967	.00584	.01178	.18453	-.00042	.00605
#3	.02097	.00268	.03092	.00564	.01148	.18808	-.00048	.00598

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	.00649	.00249	.04702	.00075	.05273	.10861	1.0130	
Stddev	.00020	.00005	.00074	.00007	.00044	.00065	.0079	
%RSD	3.0152	1.9662	1.5808	9.0807	.84055	.59999	.78375	

#1	.00627	.00243	.04735	.00083	.05284	.10890	1.0122	
#2	.00660	.00253	.04754	.00073	.05225	.10907	1.0055	
#3	.00661	.00250	.04617	.00070	.05312	.10787	1.0213	

Sample Name: S1 Acquired: 11/27/2017 12:13:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	1755.6	2760.6	53419.	7126.5	3997.7
Stddev	4.1	43.6	218.	42.6	57.4
%RSD	.23167	1.5798	.40861	.59798	1.4355
#1	1751.3	2810.9	53553.	7114.1	4063.9
#2	1756.2	2737.9	53537.	7174.0	3965.8
#3	1759.4	2733.1	53167.	7091.5	3963.3

Sample Name: S2 Acquired: 11/27/2017 12:17:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.05425	.09377	1.0665	.05894	.21227	4.0008	13.473	.54558
Stddev	.00058	.00014	.0038	.00042	.00153	.0127	.047	.00315
%RSD	1.0635	.14643	.35898	.70622	.72084	.31756	.34817	.57774

#1	.05488	.09361	1.0708	.05941	.21332	4.0056	13.525	.54213
#2	.05412	.09384	1.0654	.05876	.21299	3.9864	13.433	.54629
#3	.05375	.09386	1.0634	.05864	.21052	4.0104	13.462	.54832

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	.99226	3.8158	.49323	.48530	.81914	.86680	1.9267	.49100
Stddev	.00195	.0104	.00196	.00106	.00174	.00326	.0068	.00204
%RSD	.19636	.27186	.39669	.21842	.21250	.37647	.35500	.41638

#1	.99436	3.8240	.49097	.48651	.81941	.86690	1.9323	.49003
#2	.99052	3.8042	.49438	.48485	.81728	.86349	1.9191	.48963
#3	.99188	3.8194	.49433	.48453	.82073	.87001	1.9288	.49335

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	.34818	.09476	.26781	.06758	.72088	1.2370	.04739	.55666
Stddev	.00146	.00034	.00159	.00035	.00330	.0040	.00041	.00293
%RSD	.41831	.35691	.59232	.52525	.45731	.32464	.85857	.52649

#1	.34986	.09437	.26934	.06795	.72390	1.2348	.04786	.55406
#2	.34747	.09499	.26617	.06754	.71736	1.2345	.04713	.55609
#3	.34722	.09491	.26793	.06725	.72137	1.2416	.04718	.55984

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	.74393	.02494	.55198	.11622	.64020	1.9464	12.497	
Stddev	.00326	.00006	.00255	.00045	.00172	.0096	.045	
%RSD	.43789	.24189	.46179	.38935	.26927	.49286	.36409	

#1	.74711	.02496	.54928	.11659	.64151	1.9573	12.473	
#2	.74409	.02487	.55233	.11636	.63825	1.9392	12.468	
#3	.74060	.02499	.55435	.11572	.64085	1.9426	12.549	

Sample Name: S2 Acquired: 11/27/2017 12:17:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	1647.7	2587.2	49885.	7055.3	3419.7
Stddev	4.7	15.4	196.	21.5	13.9
%RSD	.28768	.59471	.39325	.30483	.40720
#1	1644.0	2576.4	50085.	7070.4	3406.9
#2	1653.0	2580.3	49877.	7064.7	3417.6
#3	1646.1	2604.8	49692.	7030.7	3434.5

Sample Name: S3 Acquired: 11/27/2017 12:21:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.11243	.18769	2.1967	.12084	.43824	8.3630	27.824	1.1211
Stddev	.00090	.00053	.0101	.00070	.00206	.0253	.081	.0069
%RSD	.80092	.28381	.46031	.58236	.46965	.30207	.28935	.61849

#1	.11320	.18825	2.2078	.12162	.44049	8.3886	27.735	1.1291
#2	.11144	.18719	2.1879	.12025	.43645	8.3623	27.891	1.1167
#3	.11265	.18764	2.1945	.12065	.43778	8.3381	27.847	1.1175

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	2.0667	7.8442	1.0013	1.0145	1.6921	1.7652	3.9145	1.0290
Stddev	.0081	.0273	.0031	.0033	.0099	.0083	.0129	.0061
%RSD	.39153	.34812	.31282	.32369	.58330	.47066	.33003	.59235

#1	2.0756	7.8742	1.0031	1.0181	1.7031	1.7744	3.9271	1.0359
#2	2.0599	7.8378	1.0031	1.0117	1.6892	1.7626	3.9151	1.0270
#3	2.0644	7.8207	.99767	1.0139	1.6841	1.7584	3.9013	1.0242

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	.72065	.17712	.56105	.13890	1.5263	2.5631	.10209	1.1285
Stddev	.00262	.00083	.00295	.00028	.0134	.0081	.00052	.0058
%RSD	.36293	.46752	.52668	.20299	.87927	.31775	.50950	.51791

#1	.72332	.17781	.56446	.13916	1.5399	2.5725	.10267	1.1349
#2	.71809	.17735	.55948	.13894	1.5131	2.5580	.10168	1.1270
#3	.72055	.17620	.55922	.13860	1.5257	2.5589	.10191	1.1235

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	1.5156	.05254	1.1124	.24076	1.3124	4.0142	25.774	
Stddev	.0091	.00005	.0050	.00031	.0052	.0205	.113	
%RSD	.60039	.10381	.44986	.13019	.39669	.51121	.43878	

#1	1.5246	.05257	1.1175	.24109	1.3171	3.9908	25.904	
#2	1.5064	.05257	1.1124	.24047	1.3134	4.0289	25.714	
#3	1.5158	.05248	1.1075	.24072	1.3068	4.0230	25.704	

Sample Name: S3 Acquired: 11/27/2017 12:21:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	1536.2	2441.4	47038.	6778.2	3115.4
Stddev	12.8	14.4	278.	52.2	15.8
%RSD	.83624	.59172	.59079	.77084	.50646
#1	1524.3	2425.1	46739.	6719.3	3097.2
#2	1549.8	2452.8	47087.	6796.7	3124.3
#3	1534.5	2446.1	47288.	6818.8	3124.8

Sample Name: S4 Acquired: 11/27/2017 12:25:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.22995	.36260	4.4003	.24347	.89556	16.858	54.757	2.2031
Stddev	.00121	.00168	.0292	.00140	.00456	.020	.161	.0057
%RSD	.52435	.46321	.66335	.57528	.50968	.12118	.29382	.25838

#1	.23107	.36382	4.4171	.24474	.89990	16.855	54.572	2.2063
#2	.23011	.36329	4.4173	.24369	.89599	16.879	54.834	2.1965
#3	.22868	.36068	4.3666	.24197	.89080	16.838	54.865	2.2064

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	4.1563	15.596	1.9553	2.0494	3.3690	3.4248	7.6134	2.0680
Stddev	.0205	.054	.0015	.0131	.0126	.0021	.0053	.0018
%RSD	.49265	.34513	.07474	.64068	.37397	.06246	.06975	.08685

#1	4.1683	15.626	1.9543	2.0583	3.3623	3.4261	7.6174	2.0700
#2	4.1679	15.534	1.9546	2.0557	3.3835	3.4260	7.6074	2.0673
#3	4.1326	15.629	1.9570	2.0343	3.3611	3.4223	7.6155	2.0667

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	1.4447	.34044	1.1293	.27163	3.1624	5.1659	.21230	2.1631
Stddev	.0080	.00141	.0022	.00052	.0212	.0222	.00109	.0073
%RSD	.55687	.41354	.19199	.19034	.67021	.43078	.51411	.33774

#1	1.4508	.33968	1.1277	.27121	3.1396	5.1585	.21342	2.1712
#2	1.4478	.34206	1.1284	.27221	3.1814	5.1910	.21224	2.1612
#3	1.4356	.33958	1.1318	.27147	3.1662	5.1484	.21124	2.1569

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	3.0141	.10917	2.1507	.48216	2.5957	8.0750	50.716	
Stddev	.0140	.00064	.0076	.00211	.0036	.0092	.320	
%RSD	.46520	.58197	.35290	.43658	.13866	.11434	.62997	

#1	3.0272	.10982	2.1587	.48378	2.5918	8.0759	50.836	
#2	3.0157	.10915	2.1436	.48292	2.5990	8.0837	50.958	
#3	2.9993	.10855	2.1498	.47978	2.5963	8.0653	50.353	

Sample Name: S4 Acquired: 11/27/2017 12:25:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	1443.1	2286.6	45105.	6719.0	2830.5
Stddev	5.4	11.7	267.	10.8	17.0
%RSD	.37655	.51232	.59205	.16014	.59896
#1	1446.1	2275.5	45306.	6706.7	2817.4
#2	1436.8	2285.4	44802.	6723.7	2824.5
#3	1446.3	2298.9	45206.	6726.5	2849.7

Sample Name: S5 Acquired: 11/27/2017 12:29:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.48053	.70026	8.7476	.49798	1.8716	33.966	109.19	4.3374
Stddev	.00293	.00210	.0373	.00265	.0118	.214	.84	.0245
%RSD	.61007	.29936	.42599	.53198	.62764	.62932	.76620	.56361

#1	.48256	.70257	8.7647	.50018	1.8802	33.804	108.32	4.3526
#2	.48186	.69972	8.7734	.49872	1.8764	33.885	109.26	4.3092
#3	.47717	.69849	8.7049	.49504	1.8582	34.208	109.99	4.3504

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	8.2521	30.711	3.7639	4.1048	6.7071	6.6044	14.737	4.1223
Stddev	.0284	.045	.0268	.0152	.0478	.0322	.049	.0232
%RSD	.34407	.14612	.71191	.36919	.71330	.48797	.33541	.56201

#1	8.2583	30.724	3.7722	4.1109	6.6697	6.5767	14.701	4.1056
#2	8.2768	30.661	3.7339	4.1161	6.6905	6.5967	14.718	4.1126
#3	8.2211	30.748	3.7856	4.0876	6.7610	6.6397	14.794	4.1488

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8539	.59284	2.2594	.52915	6.7133	10.450	.44272	4.0464
Stddev	.0100	.00532	.0095	.00207	.0648	.071	.00196	.0163
%RSD	.35052	.89819	.41954	.39142	.96573	.68394	.44341	.40236

#1	2.8585	.59190	2.2546	.52820	6.6395	10.429	.44480	4.0459
#2	2.8609	.58806	2.2533	.52772	6.7612	10.391	.44247	4.0304
#3	2.8425	.59858	2.2703	.53152	6.7392	10.529	.44090	4.0630

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	6.0295	.22639	4.1084	.95971	5.0853	16.297	98.221	
Stddev	.0321	.00096	.0207	.00478	.0258	.081	.156	
%RSD	.53199	.42543	.50465	.49803	.50809	.49564	.15837	

#1	6.0475	.22725	4.1136	.96272	5.0630	16.295	98.137	
#2	6.0484	.22656	4.0856	.96222	5.0793	16.218	98.400	
#3	5.9924	.22535	4.1261	.95420	5.1136	16.380	98.125	

Sample Name: S5 Acquired: 11/27/2017 12:29:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	1293.6	2073.3	42283.	6579.2	2512.8
Stddev	5.6	13.2	300.	31.2	12.6
%RSD	.43014	.63715	.70979	.47426	.50287
#1	1299.9	2064.1	42380.	6587.4	2503.9
#2	1291.6	2067.4	42522.	6605.5	2507.2
#3	1289.3	2088.5	41946.	6544.7	2527.3

Sample Name: S6 Acquired: 11/27/2017 12:33:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	87.502	49.935	17.371	6.6017	6.1780
Stddev	.191	.117	.077	.0258	.0066
%RSD	.21798	.23437	.44267	.39054	.10752

#1	87.691	49.802	17.291	6.5770	6.1732
#2	87.309	49.978	17.445	6.6284	6.1856
#3	87.506	50.024	17.377	6.5998	6.1754

Int. Std.	Y_3710
Units	Cts/S
Avg	6527.8
Stddev	17.8
%RSD	.27206

#1	6540.0
#2	6507.4
#3	6536.0

Sample Name: ICV Acquired: 11/27/2017 12:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.9708950	1.097213	1.025397	1.015538	.9001927	2.585792
Stddev	.0055111	.003843	.001918	.003884	.0024835	.022694
%RSD	.5676299	.3502570	.1870510	.3824119	.2758816	.8776257

#1	.9683989	1.097363	1.024159	1.014244	.9018170	2.581713
#2	.9772125	1.093297	1.027606	1.019903	.9014273	2.565415
#3	.9670736	1.100979	1.024426	1.012466	.8973339	2.610249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5119003	.5005283	.4843461	10.08835	.5281472	.4915015
Stddev	.0017914	.0010968	.0006050	.05021	.0002390	.0011594
%RSD	.3499527	.2191374	.1249038	.4977308	.0452496	.2358817

#1	.5122950	.4992836	.4847856	10.05079	.5278899	.4914558
#2	.5099445	.5013532	.4845965	10.06887	.5283622	.4926830
#3	.5134615	.5009483	.4836561	10.14538	.5281895	.4903657

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5110115	5.475605	.5381806	5.685498	.5003229	.5060652
Stddev	.0043921	.026275	.0013636	.036355	.0018036	.0011501
%RSD	.8594865	.4798523	.2533676	.6394256	.3604928	.2272675

#1	.5096979	5.484398	.5397380	5.727376	.5009305	.5052025
#2	.5074260	5.446061	.5372018	5.662049	.5017442	.5056221
#3	.5159104	5.496355	.5376019	5.667068	.4982939	.5073709

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.733731	.4834371	.9526701	9.477448	F 4.463814	F 5.851260
Stddev	.086152	.0046045	.0086696	.049233	.015227	.015012
%RSD	.8850864	.9524456	.9100331	.5194779	.3411275	.2565546

#1	9.807179	.4810538	.9594755	9.518072	4.480702	5.834221
#2	9.638902	.4805127	.9429092	9.422695	4.459609	5.857024
#3	9.755113	.4887447	.9556257	9.491576	4.451131	5.862536

Sample Name: ICV Acquired: 11/27/2017 12:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	5.185327	4.413717	5.242192	4.785156	5.201429	4.783639
Stddev	.021222	.004536	.015524	.026009	.024615	.004783
%RSD	.4092762	.1027729	.2961275	.5435439	.4732373	.0999920

#1	5.192927	4.412253	5.225275	4.798804	5.202506	4.778898
#2	5.201703	4.410094	5.245519	4.801501	5.176294	4.783554
#3	5.161351	4.418804	5.255783	4.755163	5.225488	4.788464

Elem	Sr4077
Units	ppm
Avg	5.177591
Stddev	.038769
%RSD	.7487791

#1	5.171381
#2	5.142302
#3	5.219090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.038	2634.390	50582.43	7135.360	3670.069
Stddev	9.077	10.921	132.01	9.511	16.460
%RSD	.5454670	.4145740	.2609733	.1332987	.4485004

#1	1654.154	2639.973	50461.95	7131.803	3683.360
#2	1672.000	2621.806	50561.80	7128.139	3651.657
#3	1665.961	2641.392	50723.54	7146.137	3675.191

Sample Name: ICB Acquired: 11/27/2017 12:42:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0002284	-.000154	-.000081	-.000999	.0002406	.0026829	-.000736
Stddev	.0022030	.000405	.001419	.000959	.0005021	.0046437	.000072
%RSD	964.6146	263.6634	1759.661	96.00098	208.7244	173.0841	9.849749

#1	.0020070	.000291	.000664	-.000101	.0000173	-.001051	-.000679
#2	.0009140	-.000251	.000811	-.002010	.0008156	.007883	-.000817
#3	-.002236	-.000502	-.001717	-.000887	-.000111	.001217	-.000711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000028	.0048628	-.000072	.0000234	.0017791	-.001815
Stddev	.000027	.000051	.0102202	.000214	.0000722	.0010398	.007152
%RSD	103.1590	180.6078	210.1718	297.2448	308.7511	58.44869	394.0280

#1	.000000	.000001	-.003848	-.000318	.0000299	.0025349	.003786
#2	-.000054	.000002	.016114	.000041	-.000052	.0022092	.000640
#3	-.000025	-.000088	.002322	.000062	.000092	.0005932	-.009871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000934	.0225734	-.000143	-.000024	-.067359	-.002580	-.000827
Stddev	.0001724	.0102412	.000224	.000293	.119471	.000609	.001317
%RSD	184.6871	45.36839	156.9502	1201.662	177.3638	23.60222	159.2464

#1	.0000599	.0313872	-.000015	.000061	-.166674	-.002935	.000686
#2	-.000060	.0249943	-.000402	.000216	.065218	-.002929	-.001447
#3	.000280	.0113387	-.000012	-.000350	-.100622	-.001877	-.001720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0404489	-.000322	.0060239	.0008908	-.012733	.0001713	-.001332
Stddev	.0100724	.001830	.0006948	.0001409	.003277	.0003542	.000395
%RSD	24.90154	568.7306	11.53405	15.81942	25.73622	206.7027	29.68264

#1	.0420423	.000356	.0068258	.0010536	-.009158	-.000199	-.001143
#2	.0296748	.001073	.0056017	.0008114	-.013448	.000507	-.001787
#3	.0496297	-.002394	.0056442	.0008076	-.015594	.000207	-.001067

Sample Name: ICB Acquired: 11/27/2017 12:42:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0002154	.0173825	.0000389
Stddev	.0003673	.0012111	.0000149
%RSD	170.5389	6.967153	38.23490

#1	.0001224	.0183287	.0000560
#2	.0006202	.0178011	.0000307
#3	-.000097	.0160176	.0000299

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.662	2706.720	51391.32	7051.070	3988.707
Stddev	6.320	12.560	61.45	16.251	14.864
%RSD	.3742594	.4640352	.1195740	.2304691	.3726521

#1	1681.372	2694.591	51339.49	7048.090	3972.320
#2	1692.021	2705.899	51459.21	7068.605	3992.479
#3	1692.594	2719.671	51375.27	7036.516	4001.321

Sample Name: ICSA Acquired: 11/27/2017 12:47:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	-.007184	.0122003	-.004607	-.025437	.0045220	237.9873
Stddev	.004185	.0012864	.001151	.002993	.0017625	.5926
%RSD	58.24784	10.54416	24.98978	11.76474	38.97638	.2489889

#1	-.011553	.0133855	-.003625	-.028794	.0064674	237.9458
#2	-.003212	.0123833	-.004322	-.023047	.0040668	237.4165
#3	-.006788	.0108322	-.005874	-.024471	.0030317	238.5995

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055446	.0007791	.0029381	246.9623	.0495093	.0010006
Stddev	.0002472	.0001031	.0000233	.6148	.0004376	.0002095
%RSD	4.457813	13.23465	.7932161	.2489582	.8838425	20.93491

#1	.0058010	.0006859	.0029294	246.4098	.0499992	.0010936
#2	.0055249	.0007614	.0029645	246.8524	.0491573	.0007607
#3	.0053078	.0008899	.0029204	247.6247	.0493714	.0011474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000455	103.7581	.0152521	255.0824	.0007748	-.000094
Stddev	.001371	.3320	.0002079	1.2888	.0001793	.000349
%RSD	300.9721	.3199359	1.362856	.5052381	23.13962	371.5490

#1	.000095	103.4792	.0153654	254.3625	.0009684	-.000433
#2	.000555	103.6699	.0150122	254.3144	.0006145	.000264
#3	-.002016	104.1253	.0153787	256.5703	.0007414	-.000112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1674822	.0022739	-.031781	-.015784	-.008088	F -.253366
Stddev	.1516889	.0029279	.003317	.015317	.004940	.001622
%RSD	90.57018	128.7612	10.43680	97.03964	61.08159	.6403501

#1	.1018234	.0005511	-.027952	-.020244	-.013555	-.254835
#2	.3409396	.0056546	-.033620	-.028377	-.003945	-.251625
#3	.0596837	.0006160	-.033772	.001268	-.006763	-.253636

Sample Name: ICSA Acquired: 11/27/2017 12:47:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0009592	.0097274	-.004046	-.002852	-.000991	.0096869
Stddev	.0002270	.0066498	.000386	.002852	.000423	.0013014
%RSD	23.66198	68.36147	9.533370	100.0235	42.67470	13.43429

#1	.0007401	.0129357	-.004246	-.005057	-.001473	.0094629
#2	.0009443	.0141647	-.004290	.000369	-.000686	.0110858
#3	.0011933	.0020817	-.003601	-.003867	-.000813	.0085121

Elem	Sr4077
Units	ppm
Avg	.1026801
Stddev	.0002979
%RSD	.2901591

#1	.1024881
#2	.1025289
#3	.1030233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.935	2397.688	44602.88	6819.782	2994.022
Stddev	10.549	16.735	332.30	13.985	15.092
%RSD	.7099188	.6979470	.7450091	.2050723	.5040849

#1	1480.134	2382.109	44470.47	6812.168	2983.231
#2	1498.112	2395.577	44980.97	6835.923	2987.566
#3	1479.560	2415.378	44357.20	6811.257	3011.269

Sample Name: ICSAB Acquired: 11/27/2017 12:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0887952	.1242882	.0478349	.0216038	.5609195	231.5937
Stddev	.0042646	.0006285	.0021304	.0041715	.0046359	.7320
%RSD	4.802778	.5056818	4.453629	19.30896	.8264842	.3160865

#1	.0915550	.1241941	.0497862	.0263800	.5625166	232.3619
#2	.0838833	.1237120	.0455620	.0197559	.5645458	231.5149
#3	.0909472	.1249584	.0481566	.0186754	.5556962	230.9042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069694	.4917053	.9996576	239.7859	.5620482	.4997179
Stddev	.0007067	.0040852	.0048692	.4964	.0020329	.0027376
%RSD	.1394045	.8308158	.4870879	.2070325	.3616987	.5478392

#1	.5072712	.4956007	1.002232	239.9922	.5643052	.5017416
#2	.5061619	.4920616	1.002699	240.1459	.5614784	.5008091
#3	.5074751	.4874537	.994042	239.2196	.5603609	.4966029

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4932566	100.7247	.5284404	247.6741	.9909185	.2033596
Stddev	.0032148	.2787	.0002380	.7260	.0053232	.0012701
%RSD	.6517524	.2766630	.0450411	.2931089	.5371971	.6245626

#1	.4966293	100.9784	.5287019	248.4348	.9937328	.2023897
#2	.4929133	100.7693	.5283828	247.5987	.9942438	.2047972
#3	.4902272	100.4264	.5282364	246.9887	.9847789	.2028917

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1177508	.5004355	.9427598	-.149098	-.016806	F .9439002
Stddev	.0797779	.0040834	.0167638	.030967	.001490	.0044130
%RSD	67.75146	.8159686	1.778161	20.76951	8.863718	.4675238

#1	.0394620	.5001738	.9234093	-.151621	-.016646	.9438137
#2	.1148516	.5046434	.9519936	-.116947	-.018369	.9483558
#3	.1989388	.4964891	.9528764	-.178727	-.015402	.9395311

Sample Name: ICSAB Acquired: 11/27/2017 12:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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 1.081201	-.006800	1.030243	F 1.068857	1.085575	.0011602
Stddev	.005750	.002697	.001244	.010345	.002123	.0008594
%RSD	.5317835	39.66415	.1207307	.9678290	.1956069	74.07187

#1	1.082420	-.003719	1.031557	1.069605	1.087208	.0019575
#2	1.086243	-.008734	1.030089	1.078808	1.086342	.0012733
#3	1.074939	-.007947	1.029083	1.058159	1.083175	.0002499

Elem	Sr4077
Units	ppm
Avg	.1004686
Stddev	.0003732
%RSD	.3715025

#1	.1008643
#2	.1004188
#3	.1001228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.438	2441.143	45613.30	6990.743	3050.425
Stddev	10.449	14.403	10.22	25.384	18.232
%RSD	.6890809	.5900079	.0224121	.3631146	.5977018

#1	1528.354	2433.035	45623.74	6965.323	3036.487
#2	1508.838	2432.622	45612.83	6990.815	3043.728
#3	1512.123	2457.772	45603.32	7016.091	3071.058

Sample Name: CCV089 Acquired: 11/27/2017 12:55:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976018	4.820244	24.84687	4.901494	4.948118	383.3059
Stddev	.030209	.024685	.11549	.044774	.032516	3.1473
%RSD	.6070988	.5121147	.4648182	.9134705	.6571370	.8210834

#1	4.978308	4.828220	24.89451	4.905919	4.945173	385.9161
#2	5.005017	4.839956	24.93092	4.943892	4.982006	384.1906
#3	4.944729	4.792557	24.71518	4.854673	4.917174	379.8110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.800993	.4855261	2.537858	398.7338	15.35728	2.544920
Stddev	.056972	.0032939	.013992	1.5415	.05045	.011615
%RSD	.5812863	.6784294	.5513326	.3865882	.3285119	.4563951

#1	9.763339	.4881391	2.545730	400.5116	15.41483	2.550085
#2	9.866536	.4866132	2.546141	397.7699	15.32068	2.553056
#3	9.773103	.4818260	2.521703	397.9199	15.33633	2.531618

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62567	399.3179	14.69217	397.3183	2.494130	1.344695
Stddev	.04639	1.2315	.04642	.8738	.013880	.007247
%RSD	.3171550	.3083976	.3159671	.2199126	.5565118	.5389572

#1	14.64471	400.7228	14.74328	398.3257	2.501713	1.349723
#2	14.57280	398.4249	14.65261	396.7662	2.502567	1.336388
#3	14.65951	398.8060	14.68062	396.8631	2.478110	1.347975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	388.3288	2.410184	15.17323	146.9324	5.107331	F 4.160415
Stddev	1.7079	.013137	.16449	.5080	.005085	.020318
%RSD	.4398111	.5450456	1.084072	.3457113	.0995554	.4883602

#1	390.0841	2.424526	15.26405	146.8183	5.112301	4.177580
#2	386.6725	2.398734	14.98336	146.4912	5.107553	4.165684
#3	388.2300	2.407292	15.27229	147.4877	5.102139	4.137982

Sample Name: CCV089 Acquired: 11/27/2017 12:55:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918249	5.129507	4.774839	4.954850	4.890941	4.999244
Stddev	.030040	.030607	.025635	.031335	.016273	.013351
%RSD	.6107824	.5966860	.5368840	.6324101	.3327116	.2670615

#1	4.928943	5.127873	4.794184	4.974777	4.898545	5.008933
#2	4.941479	5.160898	4.784570	4.971041	4.872258	4.984015
#3	4.884326	5.099750	4.745763	4.918732	4.902019	5.004784

Elem	Sr4077
Units	ppm
Avg	4.900481
Stddev	.031393
%RSD	.6406124

#1	4.892244
#2	4.935172
#3	4.874028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.113	2148.254	41493.15	6637.520	2532.857
Stddev	9.882	9.332	174.29	34.275	9.813
%RSD	.7418341	.4344048	.4200455	.5163891	.3874093

#1	1322.898	2146.008	41329.13	6607.316	2529.880
#2	1342.549	2140.249	41676.16	6630.472	2524.878
#3	1330.891	2158.504	41474.16	6674.771	2543.814

Sample Name: CCB089 Acquired: 11/27/2017 12:59:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006565	-.000105	.0009413	.0017537	.0003007	.0182358	-.000441
Stddev	.0017181	.001622	.0009689	.0006729	.0005011	.0066606	.000168
%RSD	261.6963	1544.406	102.9229	38.37154	166.6391	36.52498	38.07082

#1	-.000537	.001625	.0020598	.0011532	.0006808	.0205536	-.000487
#2	.002626	-.001591	.0003625	.0024810	-.000267	.0234279	-.000255
#3	-.000119	-.000349	.0004016	.0016269	.000488	.0107259	-.000582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000167	-.000089	.0120103	-.000041	-.000000	.0025342	.0097073
Stddev	.0000336	.000024	.0071020	.000178	.000253	.0012427	.0081946
%RSD	200.5392	26.48289	59.13227	436.5071	111367.6	49.03671	84.41681

#1	.0000406	-.000062	.0175980	-.000007	.000223	.0035333	.0184296
#2	-.000022	-.000103	.0144147	.000118	-.000275	.0029266	.0021692
#3	.000031	-.000102	.0040183	-.000232	.000052	.0011427	.0085232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007348	.0084044	.0001364	.0002482	-.118314	-.001685	-.000484
Stddev	.0000561	.0091892	.0003888	.0000782	.147133	.002640	.003032
%RSD	7.629415	109.3372	285.1027	31.48954	124.3587	156.7093	626.7829

#1	.0007958	.0061750	.0001238	.0001633	-.237382	-.000291	.002615
#2	.0007230	.0185032	-.000246	.0002643	-.163734	-.000033	-.000623
#3	.0006855	.0005351	.000531	.0003172	.046174	-.004730	-.003443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309695	-.000779	.0057595	.0008112	-.007075	-.000423	-.001199
Stddev	.0120446	.001144	.0008220	.0000897	.001962	.000350	.000673
%RSD	38.89180	146.8336	14.27111	11.05839	27.73376	82.84521	56.14823

#1	.0224968	-.001027	.0049283	.0007577	-.007820	-.000295	-.000424
#2	.0447575	.000469	.0057783	.0009148	-.008555	-.000154	-.001642
#3	.0256543	-.001779	.0065719	.0007611	-.004849	-.000820	-.001532

Sample Name: CCB089 Acquired: 11/27/2017 12:59:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004533	.0093386	.0001161
Stddev	.0003542	.0017562	.0000922
%RSD	78.14618	18.80540	79.44869

#1	.0007444	.0110900	.0001729
#2	.0005565	.0093481	.0001656
#3	.0000589	.0075777	.0000097

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.030	2750.393	51364.28	7139.135	4045.673
Stddev	4.976	24.288	161.59	25.215	24.094
%RSD	.2940752	.8830888	.3146043	.3531944	.5955512

#1	1686.406	2728.970	51191.50	7112.705	4026.825
#2	1693.824	2745.431	51389.64	7141.771	4037.374
#3	1695.861	2776.780	51511.69	7162.928	4072.820

Sample Name: PB104413BL Acquired: 11/27/2017 13:03:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019358	.0014421	.0007912	.0013571	-.000522	.0053893	-.000644
Stddev	.0012036	.0006250	.0013558	.0024068	.001117	.0036103	.000224
%RSD	62.17355	43.34184	171.3437	177.3509	214.2074	66.99022	34.74585

#1	.0005950	.0021358	-.000769	.0028380	-.000552	.0021205	-.000607
#2	.0022897	.0012679	.001457	-.001420	-.001624	.0092643	-.000441
#3	.0029227	.0009227	.001686	.002653	.000611	.0047830	-.000883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000089	.0020090	-.000367	-.000009	.0009251	-.004104
Stddev	.000057	.000039	.0021535	.000097	.000166	.0009074	.004775
%RSD	471.3411	43.31297	107.1950	26.36968	1844.429	98.08528	116.3469

#1	-.000065	-.000110	.0002993	-.000302	.000139	.0005386	.000561
#2	.000049	-.000114	.0044276	-.000478	-.000188	.0002750	-.008982
#3	-.000021	-.000045	.0013000	-.000321	.000023	.0019618	-.003891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000377	.0008677	-.000061	.0001896	-.135958	-.001825	.0004875
Stddev	.000258	.0126755	.000057	.0001710	.031825	.003474	.0016083
%RSD	68.31459	1460.848	92.73125	90.22178	23.40831	190.2921	329.8818

#1	-.000624	-.011275	-.000030	.0000059	-.115061	-.001678	.0008328
#2	-.000400	.014016	-.000126	.0003442	-.172585	.001572	.0018951
#3	-.000109	-.000138	-.000026	.0002186	-.120227	-.005371	-.001265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007930	-.000252	.0031457	.0003239	-.007793	-.000682	-.000500
Stddev	.036111	.001531	.0008258	.0000651	.000299	.000385	.000891
%RSD	455.3511	607.8644	26.25113	20.09307	3.832861	56.42689	178.0844

#1	-.044429	-.000495	.0039504	.0003173	-.007762	-.000245	-.001106
#2	-.007143	-.001646	.0023003	.0003921	-.007510	-.000831	-.000916
#3	.027781	.001386	.0031864	.0002624	-.008105	-.000969	.000522

Sample Name: PB104413BL Acquired: 11/27/2017 13:03:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000021	-.000984	-.000010
Stddev	.0006208	.000494	.000011
%RSD	30126.04	50.21403	118.1053

#1	.0006724	-.000775	-.000011
#2	-.000553	-.001548	-.000020
#3	-.000113	-.000629	.000002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.327	2700.317	50475.38	7031.274	3966.456
Stddev	7.627	13.637	46.90	30.755	13.943
%RSD	.4591179	.5050301	.0929114	.4374086	.3515152

#1	1667.169	2685.625	50503.69	7000.772	3953.028
#2	1652.698	2702.753	50421.25	7030.773	3965.476
#3	1664.114	2712.572	50501.21	7062.277	3980.862

Sample Name: PB104413BS Acquired: 11/27/2017 13:07:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228881	.0586782	.0209273	.0779667	.1242097	.4890143
Stddev	.0048430	.0014401	.0016023	.0020400	.0005122	.0073380
%RSD	21.15950	2.454175	7.656408	2.616546	.4123397	1.500571

#1	.0279166	.0580878	.0227615	.0758850	.1246197	.4901306
#2	.0182547	.0603196	.0198001	.0780528	.1243736	.4811821
#3	.0224932	.0576271	.0202203	.0799624	.1236356	.4957302

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4299322	.0113026	.0105239	10.80834	.0242684	.1020760
Stddev	.0060575	.0001858	.0000751	.19324	.0004203	.0009173
%RSD	1.408940	1.644308	.7134977	1.787884	1.731814	.8986547

#1	.4269847	.0111123	.0105189	10.65919	.0238732	.1027858
#2	.4259125	.0113118	.0106013	10.73918	.0242220	.1024020
#3	.4368993	.0114837	.0104514	11.02664	.0247099	.1010402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599851	.2550722	.0349813	10.37567	.0840468	.0220861
Stddev	.0007285	.0058068	.0009346	.22536	.0006580	.0000750
%RSD	1.214428	2.276550	2.671784	2.172046	.7829327	.3396202

#1	.0593066	.2484312	.0344084	10.20181	.0847004	.0220026
#2	.0598938	.2591944	.0344757	10.29490	.0833844	.0221078
#3	.0607550	.2575910	.0360598	10.63029	.0840557	.0221479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38439	.1113590	.1270559	9.867030	F .0321787	F .0266551
Stddev	.16971	.0031727	.0037325	.083569	.0008255	.0001668
%RSD	1.634271	2.849083	2.937689	.8469533	2.565317	.6258254

#1	10.20480	.1089335	.1239818	9.823973	.0315895	.0266194
#2	10.40628	.1101941	.1259768	9.813769	.0318244	.0268369
#3	10.54209	.1149496	.1312090	9.963347	.0331222	.0265090

Sample Name: PB104413BS Acquired: 11/27/2017 13:07:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226204	.1874204	.2240978	F .0121651	.2147709	.0944926
Stddev	.0001669	.0024117	.0021365	.0010064	.0037294	.0020100
%RSD	.7378687	1.286777	.9533757	8.272555	1.736432	2.127194

#1	.0224454	.1901103	.2229463	.0131629	.2136547	.0936704
#2	.0226381	.1866996	.2227839	.0111504	.2117272	.0930241
#3	.0227778	.1854514	.2265630	.0121820	.2189310	.0967834

Elem	Sr4077
Units	ppm
Avg	.2175183
Stddev	.0029368
%RSD	1.350115

#1	.2171002
#2	.2148130
#3	.2206417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1638.097	2653.815	49554.53	7060.577	3758.900
Stddev	16.874	15.067	236.97	90.714	18.552
%RSD	1.030107	.5677505	.4781965	1.284797	.4935409

#1	1619.847	2646.684	49321.69	7107.638	3742.085
#2	1653.132	2643.638	49795.42	7118.091	3755.813
#3	1641.314	2671.124	49546.49	6956.004	3778.802

Sample Name: I6453-01 Acquired: 11/27/2017 13:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028308	.0020347	.0037304	-.000320	-.000375	.0635072	.2591737
Stddev	.0021066	.0004467	.0007027	.001703	.000844	.0005546	.0009293
%RSD	74.41590	21.95628	18.83761	532.7056	225.2013	.8732619	.3585736

#1	.0045976	.0019440	.0034951	-.002106	.000347	.0640029	.2582899
#2	.0004995	.0025199	.0045206	-.000138	-.000168	.0636103	.2601427
#3	.0033952	.0016403	.0031755	.001285	-.001302	.0629082	.2590885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001577	.0001264	2.237687	.0002886	.0013538	.0022030	1.207105
Stddev	.0000135	.0000239	.010059	.0004650	.0001792	.0015102	.005207
%RSD	8.528249	18.89409	.4495413	161.1221	13.24078	68.54974	.4313387

#1	.0001484	.0001510	2.249278	.0002044	.0011943	.0004612	1.201437
#2	.0001516	.0001249	2.232549	-.000129	.0015478	.0030015	1.211675
#3	.0001731	.0001033	2.231235	.000790	.0013192	.0031462	1.208203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913972	5.446295	.0026575	.0002563	16.61833	-.001456	.0052418
Stddev	.0002398	.039930	.0003640	.0002064	.11498	.001477	.0012913
%RSD	.2623888	.7331560	13.69694	80.51368	.6918676	101.4128	24.63413

#1	.0916613	5.449904	.0025916	.0004021	16.74439	-.002739	.0037696
#2	.0911930	5.484298	.0023309	.0003467	16.59137	.000158	.0057732
#3	.0913374	5.404683	.0030499	.0000202	16.51922	-.001787	.0061826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.834096	.0006041	.0445519	.0001426	3.022549	4.213104	-.001365
Stddev	.023696	.0002965	.0003682	.0002172	.041824	.015494	.000708
%RSD	.8361092	49.08073	.8264343	152.3283	1.383716	.3677456	51.83706

#1	2.845097	.0009415	.0449309	.0002666	2.976229	4.230652	-.002062
#2	2.806899	.0004855	.0445291	.0002693	3.057542	4.201312	-.001387
#3	2.850293	.0003853	.0441956	-.000108	3.033877	4.207349	-.000647

Sample Name: I6453-01 Acquired: 11/27/2017 13:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2W9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006263	-.021734	.0386272
Stddev	.0000403	.000760	.0001359
%RSD	6.436988	3.494566	.3518179

#1	.0006648	-.021458	.0386042
#2	.0005844	-.022594	.0387731
#3	.0006299	-.021152	.0385042

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.485	2721.779	50943.44	7415.132	3927.346
Stddev	10.021	24.629	100.55	25.015	39.696
%RSD	.5903384	.9048751	.1973712	.3373531	1.010761

#1	1693.193	2748.607	50831.41	7408.863	3973.004
#2	1690.324	2716.538	50973.02	7393.848	3908.020
#3	1708.936	2700.193	51025.87	7442.686	3901.014

Sample Name: I6453-02 Acquired: 11/27/2017 13:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271440	.0033196	.0028161	-.003533	-.001125	.0297740	.2360515
Stddev	.0026403	.0005111	.0008019	.001168	.001081	.0046061	.0007100
%RSD	9.727150	15.39711	28.47463	33.07461	96.11762	15.47006	.3007882

#1	.0295490	.0036422	.0025725	-.002577	-.000488	.0301391	.2367666
#2	.0275644	.0035862	.0037115	-.004835	-.000513	.0341867	.2353467
#3	.0243187	.0027303	.0021643	-.003186	-.002373	.0249963	.2360413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003111	.0006442	10.08440	-.000606	.0014626	.0001290	24.31752
Stddev	.0000189	.0000690	.07059	.000095	.0000970	.0011147	.19415
%RSD	6.083842	10.70737	.6999857	15.68026	6.631891	864.1628	.7983757

#1	.0002906	.0005841	10.16353	-.000574	.0013564	-.000404	24.54169
#2	.0003149	.0006290	10.06178	-.000713	.0014846	.001410	24.20660
#3	.0003278	.0007195	10.02790	-.000531	.0015466	-.000620	24.20426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431011	5.999383	.0072461	.0001765	21.56669	-.001681	-.002013
Stddev	.0007213	.091422	.0001608	.0001824	.18963	.000980	.004466
%RSD	.5040468	1.523850	2.219537	103.3739	.8792518	58.30373	221.8689

#1	.1439254	6.096439	.0072117	.0001908	21.73732	-.001022	-.001108
#2	.1425858	5.986815	.0074213	.0003513	21.36254	-.002807	-.006863
#3	.1427920	5.914897	.0071052	-.000013	21.60021	-.001214	.001931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.200229	.6755576	.0665050	-.000062	2.644441	3.369739	-.001227
Stddev	.046647	.0040516	.0011909	.000198	.011331	.028249	.000247
%RSD	.8970257	.5997360	1.790700	320.3755	.4284685	.8383021	20.10867

#1	5.251424	.6799482	.0669467	-.000009	2.655679	3.402332	-.001044
#2	5.189134	.6719634	.0674120	-.000281	2.633020	3.354561	-.001508
#3	5.160130	.6747611	.0651564	.000104	2.644624	3.352324	-.001130

Sample Name: I6453-02 Acquired: 11/27/2017 13:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005361	-.022353	.0735253
Stddev	.0004457	.000429	.0005745
%RSD	83.13848	1.920014	.7813151

#1	.0001164	-.022832	.0741527
#2	.0004879	-.022005	.0730250
#3	.0010039	-.022222	.0733983

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1620.252	2637.609	49250.84	7309.172	3786.872
Stddev	12.016	8.855	395.34	51.369	12.708
%RSD	.7416071	.3357170	.8027039	.7028037	.3355723

#1	1620.961	2647.257	49280.61	7252.859	3801.425
#2	1631.897	2629.853	49630.46	7321.190	3777.969
#3	1607.897	2635.719	48841.46	7353.466	3781.222

Sample Name: I6453-03 Acquired: 11/27/2017 13:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219573	.0037065	.0014081	-.007738	.0002303	.0331585	.1427427
Stddev	.0022410	.0004207	.0005717	.001251	.0003875	.0080307	.0006456
%RSD	10.20626	11.34973	40.59722	16.16798	168.2333	24.21908	.4522453

#1	.0234089	.0034504	.0020613	-.006367	.0003127	.0424278	.1431728
#2	.0193763	.0041921	.0009989	-.008028	.0005699	.0287525	.1420004
#3	.0230866	.0034772	.0011642	-.008818	-.000192	.0282953	.1430549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003894	.0008305	12.50611	-.002108	.0035369	.0014172	30.19571
Stddev	.0000164	.0000853	.07907	.000382	.0000632	.0001861	.14296
%RSD	4.220616	10.26667	.6322695	18.12160	1.787554	13.12926	.4734301

#1	.0003726	.0007349	12.59491	-.002427	.0035971	.0012065	30.35027
#2	.0004054	.0008580	12.44331	-.001685	.0035427	.0015589	30.16862
#3	.0003901	.0008986	12.48012	-.002214	.0034710	.0014862	30.06823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0856660	5.565394	.0216040	.0001656	30.15392	-.002033	.0001537
Stddev	.0004558	.053128	.0003126	.0001600	.13528	.000256	.0022288
%RSD	.5320983	.9546099	1.446779	96.56978	.4486271	12.57115	1449.908

#1	.0858164	5.602489	.0217705	-.000018	30.31005	-.001745	.0013849
#2	.0860276	5.504532	.0217981	.000275	30.07138	-.002231	-.002419
#3	.0851540	5.589162	.0212435	.000239	30.08035	-.002124	.001495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.011551	.0319736	.0851503	.0001847	3.203884	2.606077	-.000995
Stddev	.021111	.0016661	.0008215	.0003830	.028263	.021157	.000732
%RSD	.4212550	5.210763	.9647984	207.3607	.8821504	.8118277	73.56263

#1	5.026470	.0333305	.0852716	-.000141	3.171788	2.629511	-.000152
#2	4.987396	.0301141	.0842749	.000088	3.225049	2.588382	-.001367
#3	5.020789	.0324763	.0859045	.000607	3.214815	2.600336	-.001467

Sample Name: I6453-03 Acquired: 11/27/2017 13:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003409	-.022193	.0800419
Stddev	.0004375	.000951	.0001750
%RSD	128.3514	4.283764	.2186350

#1	.0008400	-.021441	.0801572
#2	.0001589	-.023261	.0798405
#3	.0000237	-.021875	.0801279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.052	2624.809	49691.55	7391.883	3749.376
Stddev	10.591	14.095	157.40	61.847	22.767
%RSD	.6461557	.5369975	.3167457	.8366909	.6072171

#1	1631.493	2640.891	49683.67	7328.822	3775.059
#2	1634.507	2614.601	49538.25	7452.440	3731.674
#3	1651.157	2618.934	49852.74	7394.387	3741.395

Sample Name: I6453-04 Acquired: 11/27/2017 13:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167718	.0028248	.0020325	-.004587	.0001313	.0298876	.1178526
Stddev	.0012462	.0018219	.0005595	.003673	.0018844	.0021418	.0021624
%RSD	7.430296	64.49693	27.52885	80.08351	1435.659	7.166150	1.834812

#1	.0154327	.0018601	.0024221	-.001293	.0020258	.0286281	.1160171
#2	.0178975	.0016882	.0013914	-.003920	.0001108	.0323605	.1173044
#3	.0169852	.0049263	.0022841	-.008548	-.001743	.0286741	.1202363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002756	.0003490	9.184511	-.000818	.0009988	.0011767	16.95927
Stddev	.0000638	.0001066	.165932	.000683	.0001666	.0012298	.32220
%RSD	23.16910	30.55470	1.806653	83.55022	16.68266	104.5153	1.899875

#1	.0002429	.0004132	9.047669	-.000030	.0008226	.0023356	16.69375
#2	.0003491	.0002259	9.136789	-.001169	.0011538	-.000114	16.86632
#3	.0002346	.0004079	9.369075	-.001254	.0010199	.001308	17.31773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0367268	4.253406	.0024604	.0001065	18.72133	-.001706	-.002724
Stddev	.0005060	.080660	.0000618	.0002056	.23188	.002538	.000796
%RSD	1.377826	1.896355	2.510536	193.1060	1.238574	148.7705	29.20702

#1	.0368212	4.185007	.0024290	-.000085	18.58803	-.000433	-.003617
#2	.0361802	4.232859	.0025315	.000081	18.58689	-.000056	-.002089
#3	.0371790	4.342352	.0024206	.000324	18.98908	-.004628	-.002467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.219459	.0463241	.0856692	-.000138	1.185298	3.361819	-.000880
Stddev	.069095	.0007439	.0016181	.000260	.006970	.047694	.000584
%RSD	2.146180	1.605766	1.888757	187.8276	.5880612	1.418700	66.28987

#1	3.162706	.0470330	.0838556	-.000354	1.191490	3.329134	-.000393
#2	3.199271	.0463896	.0861869	-.000211	1.177749	3.339775	-.000722
#3	3.296400	.0455497	.0869650	.000150	1.186656	3.416547	-.001527

Sample Name: I6453-04 Acquired: 11/27/2017 13:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002325	-.023095	.0672504
Stddev	.0005251	.000597	.0010367
%RSD	225.8371	2.585032	1.541550

#1	-.000374	-.022422	.0662706
#2	.000536	-.023305	.0671449
#3	.000536	-.023560	.0683359

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.616	2689.328	50387.80	7437.851	3885.697
Stddev	5.783	12.345	185.48	104.013	19.226
%RSD	.3486711	.4590514	.3681039	1.398434	.4947906

#1	1652.512	2680.333	50233.05	7530.601	3872.369
#2	1664.012	2703.403	50593.40	7457.559	3907.736
#3	1659.325	2684.249	50336.96	7325.394	3876.984

Sample Name: I6453-05 Acquired: 11/27/2017 13:28:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149177	.0044189	.0005668	-.004221	.0004681	.0220804	.1252173
Stddev	.0027028	.0023690	.0010737	.002432	.0011155	.0037324	.0003821
%RSD	18.11800	53.61126	189.4273	57.61818	238.3033	16.90385	.3051317

#1	.0153738	.0061149	.0000660	-.005675	-.000584	.0262093	.1249080
#2	.0173634	.0017121	-.000165	-.005574	.000351	.0189458	.1250996
#3	.0120159	.0054296	.001799	-.001413	.001637	.0210860	.1256444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003407	.0008762	65.18629	.0007680	.0010144	.0012756	32.78218
Stddev	.0000678	.0000916	.14539	.0002380	.0001952	.0010839	.09497
%RSD	19.91286	10.45427	.2230420	30.98776	19.24316	84.97112	.2897048

#1	.0003008	.0009149	65.34713	.0005163	.0011157	.0017615	32.88151
#2	.0004190	.0009420	65.06421	.0009893	.0011382	.0020316	32.77276
#3	.0003022	.0007716	65.14751	.0007984	.0007894	.0000338	32.69226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1462900	10.83258	.0132160	.0003536	22.99430	.0026676	-.005618
Stddev	.0011646	.04528	.0002370	.0003221	.19581	.0028314	.002314
%RSD	.7961099	.4179957	1.792931	91.10202	.8515533	106.1409	41.19607

#1	.1476334	10.87647	.0132549	.0000923	22.77089	.0001975	-.003916
#2	.1456712	10.78603	.0134311	.0002550	23.07592	.0057576	-.004684
#3	.1455653	10.83523	.0129620	.0007135	23.13610	.0020476	-.008253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87469	5.346194	.4334014	-.000041	14.18999	3.497086	-.002176
Stddev	.09442	.018798	.0009013	.000107	.04295	.005592	.002013
%RSD	.6347704	.3516195	.2079684	262.7243	.3026986	.1598911	92.48888

#1	14.77368	5.353464	.4332012	.000049	14.20104	3.503494	-.002485
#2	14.96074	5.360272	.4326169	-.000012	14.22633	3.494562	-.004017
#3	14.88964	5.324847	.4343860	-.000159	14.14259	3.493201	-.000027

Sample Name: I6453-05 Acquired: 11/27/2017 13:28:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE2X3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001155	-.021910	.2989491
Stddev	.001055	.000867	.0015549
%RSD	91.34248	3.958029	.5201265

#1	-.002365	-.022691	.2980783
#2	-.000428	-.022062	.3007443
#3	-.000672	-.020977	.2980247

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.657	2520.887	47932.59	7290.864	3575.828
Stddev	14.536	3.148	361.60	7.963	2.419
%RSD	.9272528	.1248695	.7543883	.1092222	.0676470

#1	1550.917	2523.843	47544.36	7284.540	3574.450
#2	1577.085	2517.578	47993.61	7288.244	3578.621
#3	1574.970	2521.240	48259.79	7299.806	3574.412

Sample Name: I6453-06 Acquired: 11/27/2017 13:32:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028136	.0016094	.0060473	-.000321	-.000981	.1290425	.1219181
Stddev	.0021641	.0005747	.0012134	.002871	.000399	.0043760	.0001437
%RSD	76.91388	35.70982	20.06569	893.1445	40.62795	3.391152	.1178248

#1	.0045777	.0014373	.0057341	-.003150	-.000707	.1312826	.1220448
#2	.0003989	.0011404	.0073867	.002590	-.001439	.1318450	.1217620
#3	.0034642	.0022505	.0050212	-.000404	-.000798	.1240000	.1219475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005841	.0002063	4.102732	.0038340	.0048347	.0027603	.3066599
Stddev	.0000338	.0000701	.026388	.0001353	.0004848	.0002376	.0107177
%RSD	5.782015	34.00490	.6431788	3.529371	10.02826	8.607953	3.494981

#1	.0005997	.0001265	4.092988	.0039821	.0051881	.0028880	.3143841
#2	.0006073	.0002581	4.132606	.0037169	.0050340	.0029067	.3111717
#3	.0005454	.0002343	4.082601	.0038030	.0042820	.0024861	.2944239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180244	2.391923	.0120779	.0003340	29.43397	-.000945	.0287753
Stddev	.0000845	.006307	.0003850	.0001206	.37049	.002053	.0030321
%RSD	.4686703	.2636600	3.187488	36.10852	1.258732	217.2253	10.53700

#1	.0179556	2.385224	.0123423	.0003306	29.60557	-.001834	.0322712
#2	.0179990	2.392800	.0122552	.0004563	29.68756	.001403	.0268615
#3	.0181187	2.397745	.0116362	.0002151	29.00879	-.002405	.0271932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.740458	.0138810	.0163091	.0006064	.4468288	4.902710	-.001690
Stddev	.023158	.0007684	.0004708	.0003474	.0186436	.030593	.001016
%RSD	.8450354	5.535413	2.886521	57.29176	4.172420	.6240024	60.10260

#1	2.767189	.0131074	.0164778	.0002680	.4547198	4.893032	-.001939
#2	2.727719	.0146440	.0166723	.0009622	.4602292	4.936972	-.000573
#3	2.726466	.0138916	.0157773	.0005889	.4255373	4.878127	-.002557

Sample Name: I6453-06 Acquired: 11/27/2017 13:32:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005077	-.017616	.0930471
Stddev	.0002836	.000139	.0007625
%RSD	55.86384	.7875946	.8194527

#1	.0006361	-.017775	.0936030
#2	.0007045	-.017557	.0933605
#3	.0001826	-.017517	.0921779

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.595	2679.347	49151.92	7234.347	3847.502
Stddev	3.843	106.339	51.24	44.911	148.505
%RSD	.2365369	3.968841	.1042382	.6208008	3.859772

#1	1626.438	2624.960	49147.69	7228.085	3767.085
#2	1620.178	2611.202	49102.93	7192.896	3756.547
#3	1627.169	2801.880	49205.14	7282.061	4018.872

Sample Name: I6453-07 Acquired: 11/27/2017 13:36:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017791	.0014758	.0074968	-.004000	-.000235	.4380315	.0814432
Stddev	.0030343	.0003800	.0003482	.001754	.000923	.0073939	.0001742
%RSD	170.5543	25.74741	4.644347	43.84723	393.2840	1.687991	.2139421

#1	.0044976	.0017457	.0078743	-.006016	-.000686	.4465081	.0812458
#2	.0023341	.0016405	.0071882	-.002828	-.000845	.4346768	.0815756
#3	-.001494	.0010413	.0074279	-.003155	.000827	.4329096	.0815083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014851	.0001223	2.244609	.0004803	.0051721	.0022130	4.153927
Stddev	.0000671	.0000226	.006941	.0006100	.0000885	.0020962	.025949
%RSD	4.517232	18.49679	.3092294	127.0001	1.710661	94.72180	.6246963

#1	.0015283	.0001461	2.241144	.0007985	.0052640	.0042377	4.151769
#2	.0015191	.0001198	2.240081	.0008654	.0051649	.0023494	4.129124
#3	.0014078	.0001011	2.252600	-.000223	.0050874	.0000520	4.180888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0325536	1.536794	.0134811	.0001513	6.070722	-.000664	.1392012
Stddev	.0007122	.008255	.0002733	.0002001	.047742	.002391	.0005881
%RSD	2.187703	.5371538	2.027000	132.2217	.7864250	359.9517	.4224940

#1	.0324376	1.529076	.0137930	.0000125	6.119469	-.000304	.1397884
#2	.0319065	1.545498	.0133665	.0000608	6.024054	.001526	.1392031
#3	.0333167	1.535809	.0132838	.0003807	6.068644	-.003215	.1386121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.711881	.0056029	-.001835	-.000078	1.915025	8.717773	-.001797
Stddev	.010788	.0018201	.000427	.000332	.008558	.046132	.000499
%RSD	.6301656	32.48459	23.27188	426.1818	.4468956	.5291719	27.77278

#1	1.719252	.0076087	-.001342	.000281	1.924329	8.705068	-.001513
#2	1.716891	.0040566	-.002061	-.000373	1.913258	8.679324	-.002374
#3	1.699499	.0051434	-.002102	-.000141	1.907488	8.768926	-.001505

Sample Name: I6453-07 Acquired: 11/27/2017 13:36:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE2X7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005104	-.011936	.0603309
Stddev	.0002957	.000218	.0002450
%RSD	57.93332	1.825453	.4061087

#1	.0004499	-.011866	.0602039
#2	.0002497	-.011762	.0601754
#3	.0008317	-.012181	.0606133

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.919	2707.065	50517.87	7399.427	3974.768
Stddev	6.555	62.154	135.74	40.433	78.206
%RSD	.3936833	2.295978	.2687050	.5464379	1.967573

#1	1657.961	2671.434	50368.68	7417.149	3926.876
#2	1670.977	2670.927	50550.83	7427.972	3932.412
#3	1665.819	2778.833	50634.10	7353.158	4065.017

Sample Name: I6453-08 Acquired: 11/27/2017 13:40:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021363	.0016127	.0001560	-.001396	-.000848	.0004783	-.000689
Stddev	.0015386	.0007300	.0006284	.002794	.001401	.0070731	.000184
%RSD	72.02335	45.26704	402.9100	200.1992	165.2058	1478.810	26.62507

#1	.0027386	.0011145	.0008789	-.003601	-.001959	.0073933	-.000848
#2	.0032827	.0024507	-.000260	.001746	.000726	.0007845	-.000488
#3	.0003876	.0012730	-.000151	-.002332	-.001311	-.006743	-.000733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000981	-.000059	-.001124	.0001071	.0000898	.0014305	.0041057
Stddev	.0000056	.000073	.003135	.0001691	.0001784	.0009526	.0060006
%RSD	5.733226	124.1090	278.9416	157.8743	198.7561	66.59316	146.1527

#1	.0001001	.000025	-.004183	.0001391	.0002690	.0022214	.0037082
#2	.0001025	-.000107	-.001272	-.000076	-.000088	.0016969	.0102952
#3	.0000918	-.000096	.002082	.000258	.000088	.0003730	-.001686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000005	-.014031	.0002470	.0002702	.0493490	-.003464	.0008987
Stddev	.0002242	.012122	.0001200	.0003529	.0615305	.001691	.0013934
%RSD	47916.41	86.39493	48.57157	130.6381	124.6845	48.82056	155.0384

#1	-.000249	-.027871	.0003841	.0000406	-.021458	-.005147	.0018106
#2	.000186	-.008926	.0001614	.0000933	.089833	-.003482	.0015907
#3	.000064	-.005297	.0001954	.0006766	.079671	-.001764	-.000705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.834881	.0030443	-.001018	-.000074	-.009670	-.001366	-.001431
Stddev	.003691	.0015798	.000432	.000157	.000828	.000426	.000688
%RSD	.4421132	51.89451	42.45718	213.1840	8.557176	31.14711	48.06314

#1	-.831364	.0041222	-.000643	.000102	-.010625	-.001836	-.000953
#2	-.834555	.0012308	-.000920	-.000201	-.009170	-.001006	-.002219
#3	-.838725	.0037799	-.001491	-.000121	-.009216	-.001257	-.001120

Sample Name: I6453-08 Acquired: 11/27/2017 13:40:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2X8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000096	-.023288	-.000037
Stddev	.000421	.000910	.000020
%RSD	439.2953	3.908868	54.11218

#1	-.000069	-.022682	-.000046
#2	.000311	-.024335	-.000014
#3	-.000529	-.022846	-.000051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.462	2695.746	50652.89	7339.828	4051.028
Stddev	6.145	11.651	317.41	15.043	13.601
%RSD	.3689671	.4322094	.6266382	.2049465	.3357471

#1	1660.786	2682.302	50545.40	7322.572	4035.468
#2	1672.422	2702.916	51010.09	7346.739	4060.652
#3	1663.178	2702.020	50403.19	7350.173	4056.965

Sample Name: I6453-09 Acquired: 11/27/2017 13:44:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044941	.0018583	.0078397	-.001771	.0000902	.5049471	.0490769
Stddev	.0012896	.0008653	.0003752	.001542	.0004701	.0118405	.0003137
%RSD	28.69487	46.56276	4.786525	87.07532	521.1492	2.344895	.6392057

#1	.0055555	.0027917	.0074239	-.003096	.0006050	.5101018	.0488024
#2	.0048677	.0010830	.0081530	-.002139	-.000316	.5133365	.0490094
#3	.0030589	.0017002	.0079424	-.000078	-.000018	.4914031	.0494188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001328	.0000127	18.42414	.0111260	-.000487	.0060478	.3999904
Stddev	.0000307	.0000351	.04962	.0005466	.000103	.0009629	.0085953
%RSD	23.10529	276.1191	.2693005	4.913058	21.26577	15.92134	2.148870

#1	.0000974	.0000162	18.47183	.0106401	-.000412	.0064732	.3903556
#2	.0001497	-.000024	18.37280	.0117178	-.000605	.0049454	.4027447
#3	.0001514	.000046	18.42778	.0110201	-.000443	.0067247	.4068710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121997	3.421700	.0069372	-.000016	9.878927	.0032716	.0060793
Stddev	.0000623	.029021	.0002436	.000154	.052892	.0027394	.0032441
%RSD	.5110591	.8481341	3.511135	963.0750	.5353990	83.73315	53.36188

#1	.0122706	3.446119	.0072118	.000161	9.870369	.0058396	.0033109
#2	.0121749	3.389616	.0067470	-.000125	9.830837	.0035870	.0052783
#3	.0121535	3.429365	.0068529	-.000084	9.935576	.0003881	.0096489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80623	.0192700	.0443432	.0034137	3.260683	7.910616	-.002410
Stddev	.02151	.0013669	.0007584	.0001587	.005593	.025734	.000728
%RSD	.1452938	7.093445	1.710298	4.649920	.1715177	.3253083	30.21544

#1	14.78289	.0201413	.0452188	.0032336	3.260307	7.933655	-.003249
#2	14.82527	.0176945	.0438922	.0035330	3.266454	7.915348	-.001941
#3	14.81053	.0199740	.0439185	.0034746	3.255288	7.882844	-.002040

Sample Name: I6453-09 Acquired: 11/27/2017 13:44:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0137150	-.020148	.5196738
Stddev	.0006665	.000731	.0010615
%RSD	4.859816	3.625969	.2042711

#1	.0144310	-.019323	.5185483
#2	.0131125	-.020409	.5206570
#3	.0136016	-.020713	.5198161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1615.378	2633.969	48860.33	7288.190	3809.493
Stddev	2.726	3.680	50.98	17.063	6.439
%RSD	.1687739	.1397167	.1043313	.2341228	.1690210

#1	1618.304	2638.128	48801.46	7269.661	3816.452
#2	1612.909	2631.136	48889.83	7303.256	3803.747
#3	1614.920	2632.642	48889.69	7291.653	3808.279

Sample Name: I6453-10 Acquired: 11/27/2017 13:48:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033761	.0026366	.0038540	-.003279	-.000175	.1117626	.0448421
Stddev	.0002777	.0008562	.0011962	.004470	.000466	.0069283	.0000661
%RSD	8.225221	32.47437	31.03753	136.3191	265.6944	6.199095	.1473024

#1	.0030571	.0017257	.0051185	-.003556	.000122	.1193145	.0448003
#2	.0035071	.0027593	.0027405	-.007605	.000064	.1057002	.0449182
#3	.0035641	.0034249	.0037031	.001323	-.000712	.1102730	.0448078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001025	.0003035	14.84887	.0029340	.0017605	.0058837	4.481518
Stddev	.0000193	.0000397	.08373	.0003834	.0000325	.0002673	.005182
%RSD	18.80286	13.08294	.5639023	13.06566	1.846121	4.542411	.1156323

#1	.0001244	.0003480	14.80427	.0030566	.0017233	.0057451	4.487247
#2	.0000948	.0002717	14.79688	.0025044	.0017832	.0061918	4.477157
#3	.0000882	.0002910	14.94546	.0032411	.0017750	.0057142	4.480151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2016198	3.363009	.0386838	.0001945	11.74236	-.001908	.0419020
Stddev	.0004311	.046807	.0002457	.0001430	.11862	.001872	.0024975
%RSD	.2138334	1.391833	.6350455	73.52920	1.010200	98.11280	5.960425

#1	.2021091	3.412652	.0384345	.0000410	11.68693	-.003989	.0407871
#2	.2014545	3.319678	.0389256	.0003240	11.87855	-.001373	.0401560
#3	.2012957	3.356695	.0386914	.0002183	11.66161	-.000362	.0447628

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.155811	.0142503	.0380799	.0000270	14.69904	3.573190	-.002154
Stddev	.007698	.0012936	.0009412	.0002286	.02314	.023855	.000523
%RSD	.6660257	9.077361	2.471533	845.9662	.1573947	.6675973	24.25852

#1	1.164660	.0128655	.0370060	-.000026	14.71564	3.546647	-.001695
#2	1.150656	.0154275	.0384724	.000277	14.67261	3.580086	-.002045
#3	1.152117	.0144580	.0387612	-.000170	14.70886	3.592837	-.002723

Sample Name: I6453-10 Acquired: 11/27/2017 13:48:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE2Y1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009238	-.023045	.0768655
Stddev	.0002197	.000466	.0004071
%RSD	23.77808	2.024160	.5295851

#1	.0006823	-.022506	.0773344
#2	.0009774	-.023306	.0766598
#3	.0011116	-.023322	.0766024

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1652.052	2671.182	50223.62	7444.209	3918.914
Stddev	9.063	10.150	202.40	19.653	7.549
%RSD	.5486104	.3799780	.4029906	.2640044	.1926177

#1	1644.150	2673.284	50019.47	7460.398	3918.196
#2	1650.060	2660.145	50227.15	7449.887	3911.751
#3	1661.945	2680.116	50424.22	7422.342	3926.797

Sample Name: I6453-11 Acquired: 11/27/2017 13:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017498	.0007453	.0000115	-.000695	-.001047	.0026755	-.000646
Stddev	.0019841	.0016073	.0005090	.000573	.000622	.0083537	.000273
%RSD	113.3911	215.6620	4439.117	82.42233	59.40995	312.2310	42.18861

#1	-.000155	-.001107	-.000506	-.000613	-.001350	.0082520	-.000699
#2	.001599	.001766	.000028	-.000168	-.000332	.0067035	-.000351
#3	.003805	.001577	.000512	-.001304	-.001460	-.006929	-.000889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000557	-.000060	.0043853	.0031656	-.000060	.0020138	.0073074
Stddev	.0000313	.000011	.0056538	.0003154	.000119	.0013422	.0056483
%RSD	56.17757	18.88046	128.9280	9.963582	199.4864	66.65190	77.29649

#1	.0000200	-.000050	.0029980	.0033054	.000077	.0034537	.0008038
#2	.0000686	-.000058	.0106036	.0028045	-.000142	.0017905	.0109854
#3	.0000784	-.000072	-.000446	.0033869	-.000113	.0007972	.0101329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017318	.0002657	.0016491	.0002695	-.066295	-.003554	.0024466
Stddev	.0003379	.0181407	.0002980	.0000936	.066340	.001908	.0012838
%RSD	19.50857	6827.697	18.06987	34.74442	100.0674	53.67413	52.47483

#1	.0019572	-.000879	.0013369	.0001631	-.087563	-.001384	.0035331
#2	.0013434	.018952	.0016798	.0003056	-.119394	-.004314	.0027767
#3	.0018949	-.017276	.0019305	.0003396	.008070	-.004965	.0010299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.821077	.0009031	-.001351	-.000029	-.008699	-.000391	-.000922
Stddev	.007430	.0003492	.000445	.000062	.002829	.000690	.000968
%RSD	.9049491	38.66418	32.95360	211.7878	32.51518	176.3587	104.9954

#1	-.828813	.0009885	-.000838	.000027	-.005435	-.000911	-.000284
#2	-.813995	.0012017	-.001635	-.000095	-.010234	-.000655	-.000446
#3	-.820424	.0005192	-.001580	-.000019	-.010429	.000392	-.002036

Sample Name: I6453-11 Acquired: 11/27/2017 13:52:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE2Y2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006391	-.023920	.0000002
Stddev	.0002524	.000197	.0000191
%RSD	39.49198	.8221171	10029.66

#1	.0007910	-.023706	-.000018
#2	.0007785	-.024093	-.000001
#3	.0003477	-.023961	.000020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.283	2687.666	50654.83	7299.348	4050.921
Stddev	7.081	32.244	95.62	28.975	39.979
%RSD	.4241685	1.199710	.1887771	.3969520	.9869122

#1	1676.824	2681.006	50745.98	7273.521	4052.463
#2	1668.249	2659.272	50555.29	7330.681	4010.194
#3	1662.777	2722.720	50663.23	7293.842	4090.107

Sample Name: I6453-12 Acquired: 11/27/2017 13:56:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084903	.0030912	.0065033	-.004551	-.001383	.4529406	.0132556
Stddev	.0012687	.0002892	.0005637	.001628	.001504	.0087697	.0001376
%RSD	14.94349	9.355344	8.668455	35.76969	108.7633	1.936168	1.037860

#1	.0094422	.0029523	.0058627	-.003942	-.002993	.4523831	.0131642
#2	.0089787	.0028977	.0067238	-.006395	-.000014	.4444629	.0131889
#3	.0070499	.0034237	.0069235	-.003316	-.001142	.4619757	.0134139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001707	.0002751	53.89865	.0066364	-.000275	.0081082	9.044671
Stddev	.0000269	.0000077	.16150	.0003427	.000218	.0002199	.086174
%RSD	15.76474	2.796698	.2996330	5.163653	79.26093	2.712586	.9527554

#1	.0001982	.0002674	53.86417	.0062523	-.000298	.0081495	9.061333
#2	.0001444	.0002751	53.75719	.0067460	-.000046	.0078706	8.951384
#3	.0001694	.0002828	54.07461	.0069108	-.000480	.0083046	9.121298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360347	3.888538	.0039547	.0003626	7.212916	.0071607	.0162994
Stddev	.0000782	.067023	.0003178	.0002090	.055142	.0017387	.0017766
%RSD	.2170612	1.723616	8.036521	57.64417	.7644829	24.28112	10.89975

#1	.0360981	3.900872	.0043210	.0005257	7.149336	.0055013	.0142489
#2	.0360587	3.816203	.0037902	.0004351	7.241752	.0089690	.0173769
#3	.0359473	3.948537	.0037527	.0001270	7.247661	.0070117	.0172724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1617402	.0372138	.0700926	.0023807	14.12114	2.897304	-.004350
Stddev	.0397545	.0014824	.0016863	.0002115	.04047	.015455	.000536
%RSD	24.57923	3.983475	2.405833	8.883606	.2865810	.5334295	12.31982

#1	.1591232	.0366345	.0695927	.0022006	14.16785	2.892087	-.003786
#2	.1233588	.0388984	.0687128	.0026136	14.09657	2.885132	-.004410
#3	.2027385	.0361086	.0719724	.0023278	14.09901	2.914692	-.004853

Sample Name: I6453-12 Acquired: 11/27/2017 13:56:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019587	-.022679	.3498824
Stddev	.0000965	.000492	.0047250
%RSD	4.928921	2.169568	1.350450

#1	.0020076	-.023197	.3485956
#2	.0018475	-.022621	.3459341
#3	.0020209	-.022219	.3551175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1581.547	2563.700	48521.11	7382.366	3720.871
Stddev	28.205	8.614	962.73	44.201	5.661
%RSD	1.783393	.3359819	1.984138	.5987351	.1521433

#1	1612.622	2561.652	49415.87	7380.761	3716.476
#2	1557.567	2556.296	47502.42	7427.347	3718.878
#3	1574.451	2573.154	48645.04	7338.990	3727.259

Sample Name: I6453-13 Acquired: 11/27/2017 14:00:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007953	.0003486	.0030243	.0014642	-.000260	.0461947	.1372695
Stddev	.0015761	.0008499	.0012994	.0015074	.000482	.0102849	.0006901
%RSD	198.1748	243.7958	42.96666	102.9514	185.1400	22.26422	.5027222

#1	.0015518	.0005195	.0044297	.0007182	-.000180	.0579687	.1376407
#2	.0018505	.0011001	.0018665	.0031991	.000177	.0389627	.1376946
#3	-.001016	-.000574	.0027767	.0004753	-.000777	.0416528	.1364733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000936	-.000005	16.43559	.0001883	.0023505	.0020706	.1590275
Stddev	.0000388	.000070	.07646	.0002857	.0001400	.0012928	.0086725
%RSD	41.42683	1277.074	.4652107	151.7161	5.957941	62.43619	5.453479

#1	.0001166	.000044	16.40689	-.000076	.0023404	.0035130	.1611493
#2	.0001153	.000024	16.52225	.000492	.0024953	.0016820	.1664423
#3	.0000488	-.000085	16.37764	.000149	.0022158	.0010166	.1494910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1902367	11.97447	.0018163	.0002805	19.15279	-.002041	.0056280
Stddev	.0014879	.07487	.0002683	.0003005	.14506	.002952	.0029255
%RSD	.7821076	.6252886	14.77013	107.1402	.7574061	144.6529	51.98139

#1	.1885309	11.89316	.0016233	.0003403	19.10241	-.002530	.0022679
#2	.1912669	12.04059	.0021226	.0005466	19.31633	.001125	.0076099
#3	.1909123	11.98966	.0017031	-.000045	19.03964	-.004718	.0070060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.554671	.0131053	.0973864	.0000292	13.75146	3.391160	-.002544
Stddev	.055569	.0012155	.0014055	.0003419	.04988	.019744	.001003
%RSD	1.220041	9.274545	1.443183	1169.883	.3627504	.5822056	39.42188

#1	4.526101	.0139187	.0961613	-.000211	13.80809	3.373529	-.001467
#2	4.618713	.0117081	.0989207	-.000123	13.73229	3.412492	-.003450
#3	4.519200	.0136890	.0970772	.000421	13.71401	3.387458	-.002714

Sample Name: I6453-13 Acquired: 11/27/2017 14:00:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002151	-.021739	.1041378
Stddev	.0002915	.000465	.0006292
%RSD	135.5244	2.137438	.6042055

#1	.0001326	-.022275	.1037743
#2	-.000026	-.021496	.1048643
#3	.000539	-.021446	.1037747

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1589.982	2590.817	48533.76	7288.554	3748.931
Stddev	15.157	9.744	430.77	38.603	14.273
%RSD	.9532558	.3761086	.8875611	.5296407	.3807287

#1	1574.136	2584.102	48037.71	7325.558	3740.964
#2	1604.340	2586.355	48813.50	7248.530	3740.419
#3	1591.471	2601.993	48750.09	7291.574	3765.409

Sample Name: I6453-14 Acquired: 11/27/2017 14:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074578	.0045692	.0007211	-.009000	.0005821	.0050350	.1505892
Stddev	.0007675	.0012505	.0005639	.002408	.0008766	.0070251	.0010553
%RSD	10.29115	27.36751	78.20213	26.75198	150.5964	139.5242	.7007987

#1	.0079096	.0051829	.0007944	-.010502	.0013301	-.000818	.1493854
#2	.0065716	.0031305	.0012448	-.006223	.0007987	.003097	.1513551
#3	.0078921	.0053943	.0001241	-.010276	-.000382	.012826	.1510269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004572	.0011723	23.19902	-.002938	-.000047	.0011377	41.12177
Stddev	.0000159	.0001010	.11189	.000573	.000192	.0007573	.29272
%RSD	3.471154	8.612560	.4822938	19.49773	407.8073	66.56071	.7118283

#1	.0004684	.0010557	23.07008	-.002277	-.000165	.0010529	40.78663
#2	.0004642	.0012308	23.27060	-.003286	.000175	.0004265	41.32734
#3	.0004391	.0012304	23.25637	-.003251	-.000151	.0019339	41.25133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559120	9.247419	.0013133	.0004125	18.66821	-.001057	-.010328
Stddev	.0002979	.094420	.0001725	.0000913	.14195	.001719	.001980
%RSD	.5327520	1.021046	13.13323	22.12782	.7603635	162.5918	19.16631

#1	.0562524	9.143123	.0013374	.0003831	18.75512	-.000034	-.008438
#2	.0557843	9.272054	.0014726	.0003396	18.74511	-.003042	-.012386
#3	.0556993	9.327081	.0011301	.0005149	18.50441	-.000096	-.010160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.865072	.1385632	.0868701	-.000455	3.346860	3.035898	-.001252
Stddev	.053637	.0009066	.0019427	.000022	.037248	.017537	.000988
%RSD	.7813062	.6543173	2.236264	4.859723	1.112926	.5776491	78.94278

#1	6.806000	.1375189	.0852243	-.000472	3.308557	3.040226	-.001045
#2	6.910726	.1390216	.0863732	-.000430	3.382955	3.050866	-.002328
#3	6.878491	.1391491	.0890130	-.000463	3.349068	3.016603	-.000383

Sample Name: I6453-14 Acquired: 11/27/2017 14:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000621	-.022729	.1740845
Stddev	.0002103	.000151	.0008418
%RSD	338.8644	.6634199	.4835623

#1	-.000090	-.022768	.1732819
#2	-.000026	-.022856	.1749607
#3	.000302	-.022562	.1740109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.949	2561.645	47982.29	7301.915	3684.156
Stddev	9.108	27.414	156.94	30.498	32.715
%RSD	.5775530	1.070165	.3270890	.4176678	.8879946

#1	1571.760	2592.768	48163.31	7329.813	3719.761
#2	1587.465	2541.078	47899.19	7269.354	3655.423
#3	1571.621	2551.090	47884.37	7306.578	3677.283

Sample Name: I6453-15 Acquired: 11/27/2017 14:09:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101915	.0047834	.0004089	-.009494	-.000177	.0079618	.1421172
Stddev	.0012085	.0002110	.0003141	.002034	.000876	.0058371	.0005848
%RSD	11.85809	4.411091	76.81979	21.41926	494.1037	73.31419	.4114969

#1	.0088255	.0047209	.0005937	-.007153	-.000699	.0144649	.1414437
#2	.0106272	.0050186	.0000462	-.010820	-.000667	.0031759	.1424114
#3	.0111218	.0046106	.0005867	-.010510	.000834	.0062445	.1424965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004057	.0010640	21.94480	-.002884	-.000063	.0004327	38.87348
Stddev	.0001192	.0000542	.10699	.000512	.000225	.0015982	.21857
%RSD	29.37723	5.092381	.4875519	17.76290	359.2587	369.3822	.5622475

#1	.0005384	.0011237	21.83577	-.002374	.000151	-.001314	38.68558
#2	.0003079	.0010179	21.94900	-.003398	-.000298	.001822	38.82151
#3	.0003706	.0010505	22.04963	-.002880	-.000041	.000790	39.11335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535039	8.722903	.0012902	.0005258	17.72610	-.002040	-.008862
Stddev	.0004453	.058812	.0001306	.0003558	.12936	.001280	.001280
%RSD	.8323230	.6742231	10.12553	67.67307	.7297724	62.72878	14.43833

#1	.0536088	8.689812	.0014232	.0005361	17.83988	-.003071	-.008005
#2	.0530155	8.688092	.0011621	.0001649	17.58539	-.002442	-.010333
#3	.0538874	8.790806	.0012853	.0008763	17.75301	-.000608	-.008248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.420422	.1281972	.0826562	-.000389	3.173931	2.894589	-.001219
Stddev	.020754	.0009804	.0009647	.000214	.010242	.027613	.000815
%RSD	.3232553	.7647712	1.167158	54.91416	.3227024	.9539367	66.91090

#1	6.406399	.1281816	.0822601	-.000233	3.166899	2.864204	-.000286
#2	6.410603	.1272247	.0819526	-.000633	3.185683	2.901413	-.001571
#3	6.444264	.1291853	.0837559	-.000302	3.169213	2.918150	-.001799

Sample Name: I6453-15 Acquired: 11/27/2017 14:09:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000227	-.023192	.1640106
Stddev	.000053	.000439	.0004695
%RSD	23.13776	1.891292	.2862434

#1	-.000274	-.022787	.1638563
#2	-.000170	-.023132	.1636378
#3	-.000236	-.023658	.1645379

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.312	2588.715	48549.54	7362.345	3732.067
Stddev	1.122	8.560	109.33	51.181	8.657
%RSD	.0701819	.3306531	.2251927	.6951715	.2319757

#1	1598.445	2579.609	48423.30	7403.017	3724.224
#2	1600.580	2589.938	48612.31	7379.141	3741.357
#3	1598.910	2596.597	48613.03	7304.876	3730.622

Sample Name: I6453-16 Acquired: 11/27/2017 14:13:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033514	.0013509	.0072400	-.001253	-.002233	.7505969	.0867537
Stddev	.0037319	.0007074	.0002557	.001083	.001659	.0040748	.0007478
%RSD	111.3529	52.36874	3.531045	86.40890	74.29322	.5428805	.8620190

#1	.0023231	.0011527	.0071884	-.000401	-.000509	.7545641	.0859558
#2	.0074897	.0007637	.0070141	-.000887	-.002371	.7464223	.0868667
#3	.0002415	.0021363	.0075176	-.002472	-.003818	.7508042	.0874386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008841	.0002418	2.991699	.0065112	.0068401	.0161820	1.046774
Stddev	.0000281	.0000193	.020687	.0002828	.0001342	.0018782	.010607
%RSD	3.172560	7.999248	.6914899	4.342620	1.961862	11.60679	1.013345

#1	.0009046	.0002506	2.974959	.0065919	.0068776	.0146478	1.046846
#2	.0008521	.0002196	2.985312	.0067448	.0069515	.0182767	1.036130
#3	.0008955	.0002552	3.014827	.0061968	.0066911	.0156216	1.057345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274106	1.381333	.0143703	.0003953	13.90609	-.002240	.0865220
Stddev	.0001205	.003511	.0001350	.0002529	.01245	.002793	.0012246
%RSD	.4395650	.2541802	.9395426	63.96126	.0895169	124.6501	1.415408

#1	.0275447	1.383124	.0145189	.0006743	13.90831	.000982	.0870838
#2	.0273754	1.377288	.0143367	.0003304	13.89268	-.003959	.0851172
#3	.0273116	1.383588	.0142552	.0001813	13.91728	-.003745	.0873649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.658152	.0033152	.0105949	.0004506	2.598749	6.820991	-.001529
Stddev	.019626	.0016784	.0006304	.0000766	.018748	.034422	.000861
%RSD	1.183623	50.62729	5.949723	17.00106	.7214126	.5046431	56.30741

#1	1.646272	.0051996	.0112568	.0005358	2.615580	6.793616	-.000824
#2	1.647379	.0027646	.0105262	.0003874	2.602123	6.809723	-.002488
#3	1.680806	.0019812	.0100017	.0004286	2.578543	6.859635	-.001275

Sample Name: I6453-16 Acquired: 11/27/2017 14:13:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004978	-.018338	.0391738
Stddev	.0006328	.000263	.0002795
%RSD	127.1312	1.434324	.7135217

#1	.0005115	-.018382	.0390389
#2	.0011236	-.018056	.0389872
#3	-.000142	-.018577	.0394951

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.546	2634.504	48878.47	7330.771	3845.651
Stddev	4.215	20.309	128.89	40.207	22.534
%RSD	.2616831	.7708791	.2637030	.5484738	.5859519

#1	1611.601	2624.823	48899.68	7345.147	3830.179
#2	1614.133	2620.847	48740.29	7361.814	3835.270
#3	1605.905	2657.842	48995.44	7285.352	3871.504

Sample Name: I6453-17 Acquired: 11/27/2017 14:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033893	.0024102	.0063138	-.001751	-.000180	.7478262	.0868918
Stddev	.0006611	.0010644	.0008385	.003177	.000716	.0037975	.0006679
%RSD	19.50695	44.16263	13.28034	181.5061	398.1655	.5078080	.7686938

#1	.0036616	.0035842	.0053757	-.005315	.000605	.7485812	.0872577
#2	.0038708	.0015083	.0069905	.000785	-.000349	.7511895	.0872968
#3	.0026355	.0021381	.0065750	-.000722	-.000796	.7437079	.0861208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007925	.0002334	3.010563	.0063265	.0067923	.0162692	1.048714
Stddev	.0000404	.0000410	.025848	.0001468	.0003240	.0016852	.016887
%RSD	5.095120	17.55157	.8585857	2.320567	4.769438	10.35826	1.610220

#1	.0007696	.0002715	3.031598	.0064689	.0068826	.0180884	1.066706
#2	.0008391	.0001901	3.018384	.0063351	.0070616	.0159575	1.046230
#3	.0007687	.0002387	2.981708	.0061756	.0064328	.0147616	1.033208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279569	1.431811	.0145918	.0002095	14.01571	-.002323	.0869526
Stddev	.0003605	.016246	.0003859	.0000461	.11836	.002503	.0035499
%RSD	1.289386	1.134635	2.644350	22.00562	.8444879	107.7627	4.082606

#1	.0279787	1.418095	.0143321	.0002009	14.08504	.000049	.0841771
#2	.0283059	1.449752	.0144082	.0002593	14.08304	-.002078	.0909527
#3	.0275860	1.427587	.0150352	.0001683	13.87904	-.004940	.0857280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638142	.0030746	.0098092	.0005617	2.574307	6.869201	-.002006
Stddev	.037069	.0005922	.0003873	.0002770	.010417	.061594	.000362
%RSD	2.262879	19.26194	3.948139	49.30977	.4046342	.8966695	18.05305

#1	1.641809	.0025791	.0102406	.0006364	2.564614	6.938781	-.001633
#2	1.673242	.0029141	.0094913	.0007937	2.585321	6.847167	-.002356
#3	1.599376	.0037305	.0096958	.0002550	2.572985	6.821654	-.002031

Sample Name: I6453-17 Acquired: 11/27/2017 14:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004189	-.018247	.0392483
Stddev	.0007093	.000295	.0003786
%RSD	169.3471	1.618808	.9646395

#1	-.000273	-.018436	.0395395
#2	.001145	-.017906	.0393851
#3	.000385	-.018398	.0388203

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.971	2650.821	49221.95	7269.093	3874.149
Stddev	15.369	19.429	378.56	56.393	20.176
%RSD	.9446258	.7329390	.7690890	.7757859	.5207932

#1	1631.327	2657.262	49230.74	7210.128	3879.537
#2	1609.894	2628.990	48839.08	7274.651	3851.825
#3	1639.691	2666.211	49596.05	7322.502	3891.084

Sample Name: I6453-18 Acquired: 11/27/2017 14:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457163	.0744133	.0285039	.0567424	.1093885	2.851534	2.242453
Stddev	.0014960	.0010711	.0008648	.0012630	.0021583	.012112	.003644
%RSD	3.272308	1.439400	3.033961	2.225923	1.973094	.4247537	.1624874

#1	.0442887	.0753054	.0282238	.0563584	.1092752	2.856999	2.238707
#2	.0455877	.0732253	.0294740	.0557159	.1116013	2.837653	2.242667
#3	.0472723	.0747092	.0278139	.0581529	.1072891	2.859951	2.245985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570953	.0512678	2.970603	.2369748	.5281023	.2850202	2.192636
Stddev	.0001459	.0001260	.016258	.0009922	.0015501	.0017553	.009973
%RSD	.2555170	.2457877	.5472892	.4186974	.2935301	.6158439	.4548604

#1	.0572296	.0514078	2.957272	.2369013	.5285611	.2868258	2.182749
#2	.0571161	.0512323	2.965822	.2360213	.5293712	.2833200	2.202694
#3	.0569401	.0511634	2.988715	.2380017	.5263745	.2849148	2.192464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6033073	1.400294	.5347027	.0080954	13.78428	.5539193	.6246274
Stddev	.0015254	.019114	.0013183	.0001632	.09055	.0017943	.0053743
%RSD	.2528442	1.365034	.2465398	2.016378	.6568784	.3239347	.8603976

#1	.6016571	1.382385	.5354176	.0082058	13.87405	.5523260	.6264013
#2	.6046659	1.398077	.5355090	.0079079	13.69298	.5558630	.6185904
#3	.6035988	1.420421	.5331814	.0081724	13.78581	.5535689	.6288905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.601196	-.000936	.0073034	.0001200	2.560694	6.868110	-.002762
Stddev	.022453	.001149	.0005560	.0001383	.008713	.029933	.001008
%RSD	1.402257	122.7372	7.612678	115.2272	.3402517	.4358246	36.49379

#1	1.626194	-.001862	.0075478	-.000021	2.554725	6.852134	-.003869
#2	1.594653	-.001295	.0076952	.000126	2.570692	6.849555	-.002522
#3	1.582742	.000350	.0066670	.000255	2.556665	6.902641	-.001896

Sample Name: I6453-18 Acquired: 11/27/2017 14:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002793	-.018421	.0387170
Stddev	.0011052	.000168	.0001562
%RSD	395.7306	.9105694	.4034381

#1	-.000934	-.018579	.0386483
#2	.000544	-.018245	.0386069
#3	.001228	-.018439	.0388958

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.504	2640.873	48992.51	7303.965	3842.129
Stddev	10.788	5.625	228.44	10.949	3.687
%RSD	.6661376	.2130017	.4662827	.1499053	.0959581

#1	1608.035	2646.304	48897.61	7312.583	3841.559
#2	1629.449	2635.072	49253.11	7307.667	3838.760
#3	1621.028	2641.245	48826.82	7291.645	3846.067

Sample Name: I6453-16LX5 Acquired: 11/27/2017 14:25:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013566	-.000521	.0010141	-.001738	-.000745	.1535337	.0167057
Stddev	.0021633	.000477	.0002244	.002138	.000123	.0034326	.0001956
%RSD	159.4630	91.62424	22.12449	122.9663	16.51595	2.235738	1.170669

#1	.0036246	-.000502	.0008317	-.001614	-.000881	.1572142	.0166100
#2	.0011291	-.000053	.0009458	-.003936	-.000710	.1529674	.0165764
#3	-.000684	-.001007	.0012646	.000334	-.000643	.1504194	.0169307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001711	-.000011	.5975359	.0009438	.0013480	.0039053	.2084386
Stddev	.0000238	.000092	.0099609	.0003249	.0002124	.0003305	.0048386
%RSD	13.92740	837.4724	1.667003	34.42160	15.75455	8.462008	2.321345

#1	.0001446	-.000012	.5940949	.0006060	.0012665	.0042853	.2094625
#2	.0001777	.000081	.5897518	.0012540	.0015891	.0036849	.2126833
#3	.0001909	-.000102	.6087612	.0009714	.0011885	.0037457	.2031700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053356	.2724838	.0027844	.0001327	2.695367	-.003334	.0174177
Stddev	.0002205	.0109626	.0004959	.0003792	.045032	.001608	.0023932
%RSD	4.131942	4.023221	17.80868	285.7304	1.670701	48.24299	13.74015

#1	.0052743	.2722539	.0022325	-.000196	2.665982	-.004932	.0194530
#2	.0055802	.2835596	.0029285	.000548	2.672908	-.001715	.0180189
#3	.0051523	.2616380	.0031923	.000047	2.747211	-.003354	.0147812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2115956	.0015174	.0011536	.0000174	.4791215	1.329818	-.000991
Stddev	.0112799	.0021540	.0006034	.0001200	.0020007	.001375	.000348
%RSD	5.330858	141.9610	52.30733	688.3727	.4175711	.1034239	35.08489

#1	.2241161	.0002458	.0004657	.0000861	.4771778	1.328398	-.000810
#2	.2022269	.0040044	.0014014	-.000121	.4811746	1.329912	-.001392
#3	.2084437	.0003018	.0015936	.000087	.4790119	1.331144	-.000771

Sample Name: I6453-16LX5 Acquired: 11/27/2017 14:25:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE2Y7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000794	-.011168	.0078265
Stddev	.0007906	.000224	.0000204
%RSD	996.0800	2.007890	.2609494

#1	.0008864	-.011424	.0078198
#2	.0000455	-.011003	.0078494
#3	-.000694	-.011078	.0078103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.726	2657.402	49000.38	7155.397	3922.166
Stddev	16.230	20.591	205.29	31.210	28.345
%RSD	1.015847	.7748593	.4189508	.4361768	.7226980

#1	1581.838	2641.651	48765.22	7124.435	3900.735
#2	1614.279	2649.853	49143.82	7186.849	3911.458
#3	1597.061	2680.703	49092.10	7154.907	3954.306

Sample Name: CCV090 Acquired: 11/27/2017 14:46:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.786260	4.548072	23.88573	4.792029	4.741120	398.6880
Stddev	.032086	.006650	.12260	.037280	.047079	4.9530
%RSD	.6703803	.1462200	.5132840	.7779558	.9929929	1.242332

#1	4.805300	4.549275	23.94766	4.805320	4.786044	401.1401
#2	4.804266	4.554039	23.96501	4.820842	4.745169	392.9872
#3	4.749215	4.540903	23.74452	4.749925	4.692147	401.9366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.252149	.4506891	2.416221	382.5929	14.69570	2.457659
Stddev	.109053	.0021686	.009884	1.0833	.03779	.014771
%RSD	1.178674	.4811637	.4090688	.2831425	.2571641	.6010333

#1	9.366009	.4527465	2.419987	382.6102	14.67237	2.467653
#2	9.148643	.4484243	2.423669	381.5011	14.67542	2.464631
#3	9.241795	.4508965	2.405008	383.6674	14.73930	2.440692

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.99587	381.1018	13.98335	380.4137	2.342245	1.222336
Stddev	.05478	1.0024	.03216	1.2617	.010988	.009152
%RSD	.3914109	.2630378	.2299793	.3316535	.4691352	.7487221

#1	13.98817	381.3589	13.98855	380.5253	2.349717	1.212369
#2	13.94535	379.9958	13.94891	379.1000	2.347390	1.224277
#3	14.05409	381.9506	14.01259	381.6159	2.329628	1.230362

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	371.3018	2.260577	14.86954	138.9583	4.843415	F 4.008916
Stddev	1.5840	.013323	.11950	.2142	.003801	.016315
%RSD	.4266002	.5893477	.8036239	.1541629	.0784719	.4069671

#1	372.1878	2.275675	14.76243	138.9569	4.841957	4.027754
#2	369.4731	2.250472	14.84778	138.7448	4.847729	3.999635
#3	372.2445	2.255584	14.99842	139.1732	4.840559	3.999359

Sample Name: CCV090 Acquired: 11/27/2017 14:46:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.780313	4.931532	4.534386	4.598035	4.710953	4.718174
Stddev	.036189	.008929	.021399	.013221	.014126	.013963
%RSD	.7570373	.1810533	.4719333	.2875317	.2998516	.2959312

#1	4.813672	4.921786	4.554218	4.610979	4.706044	4.732540
#2	4.785429	4.939318	4.511705	4.598572	4.699936	4.704653
#3	4.741839	4.933493	4.537235	4.584554	4.726878	4.717330

Elem	Sr4077
Units	ppm
Avg	4.737661
Stddev	.045156
%RSD	.9531338

#1	4.787499
#2	4.726016
#3	4.699468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.748	2170.248	40831.82	6754.111	2561.684
Stddev	3.643	20.258	126.44	36.432	17.990
%RSD	.2788162	.9334589	.3096670	.5393992	.7022555

#1	1304.320	2150.819	40921.61	6719.428	2547.825
#2	1310.937	2168.682	40886.63	6792.070	2555.213
#3	1304.986	2191.245	40687.22	6750.836	2582.014

Sample Name: CCB090 Acquired: 11/27/2017 14:50:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017963	-.000031	.0006135	.0015792	-.000737	.0037365	-.000485
Stddev	.0003302	.000946	.0013118	.0044643	.000859	.0027980	.000147
%RSD	18.38372	3003.655	213.8235	282.7000	116.5692	74.88119	30.26333

#1	.0020882	-.001114	.0017048	.0066794	-.001417	.0009251	-.000325
#2	.0018627	.000636	-.000842	-.001619	.000229	.0037636	-.000516
#3	.0014379	.000384	.000978	-.000323	-.001024	.0065209	-.000613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000414	-.000009	.0085329	-.000365	-.000126	.0026486	.0086540
Stddev	.0000208	.000010	.0051053	.000170	.000098	.0007797	.0014991
%RSD	50.33422	112.5519	59.83025	46.40998	77.81091	29.43821	17.32214

#1	.0000191	-.000005	.0138782	-.000431	-.000049	.0017797	.0081261
#2	.0000604	-.000001	.0037075	-.000492	-.000237	.0032873	.0074903
#3	.0000446	-.000021	.0080130	-.000173	-.000094	.0028788	.0103456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002927	.0058670	.0001204	.0003413	.0754261	-.003286	-.000210
Stddev	.0003031	.0143511	.0002904	.0002403	.1220457	.001632	.000866
%RSD	103.5595	244.6062	241.2137	70.41844	161.8083	49.66936	412.9320

#1	.0003403	.0164498	.0002330	.0001401	.2142887	-.004108	.000701
#2	-.000031	-.010468	.0003377	.0006074	.0268041	-.004344	-.001024
#3	.000569	.011619	-.000209	.0002763	-.014815	-.001406	-.000307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128478	-.000625	.0058890	.0008728	-.002453	-.001485	-.000526
Stddev	.0067426	.000757	.0007631	.0001285	.004809	.000892	.000928
%RSD	52.48081	121.0844	12.95864	14.72573	196.0519	60.06408	176.5439

#1	.0086195	-.000457	.0066844	.0010078	-.007632	-.002173	-.001185
#2	.0093003	-.001453	.0058199	.0008587	-.001598	-.000477	-.000927
#3	.0206236	.000033	.0051628	.0007519	.001871	-.001805	.000535

Sample Name: CCB090 Acquired: 11/27/2017 14:50:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002241	.0061712	.0000269
Stddev	.0005899	.0019443	.0000503
%RSD	263.2620	31.50581	186.9539

#1	.0000083	.0077076	.0000422
#2	.0008915	.0068205	.0000678
#3	-.000228	.0039853	-.000029

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.792	2684.559	48964.77	7124.938	3964.136
Stddev	6.897	32.975	108.71	38.240	34.963
%RSD	.4260496	1.228303	.2220188	.5367028	.8819705

#1	1611.942	2658.406	48878.20	7084.118	3935.997
#2	1625.735	2673.670	49086.78	7159.927	3953.136
#3	1618.699	2721.601	48929.33	7130.771	4003.276

Sample Name: I6453-19 Acquired: 11/27/2017 14:54:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199656	.0069208	.0035162	-.010153	.0002581	.0903591	.1307656
Stddev	.0022014	.0006215	.0010222	.002081	.0011081	.0081746	.0011394
%RSD	11.02605	8.980357	29.07034	20.49633	429.3154	9.046747	.8713548

#1	.0181957	.0073310	.0046873	-.009745	.0013797	.0817279	.1319786
#2	.0192704	.0062057	.0028035	-.008306	.0002306	.0979838	.1306006
#3	.0224307	.0072256	.0030578	-.012408	-.000836	.0913656	.1297178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060416	.0020710	92.30369	.0094308	.0023667	.0059693	61.51942
Stddev	.0002015	.0000778	1.02200	.0001437	.0002856	.0007820	.80383
%RSD	3.334562	3.758578	1.107213	1.523241	12.06679	13.10068	1.306634

#1	.0061192	.0020426	93.44326	.0095561	.0026943	.0066516	62.36749
#2	.0061927	.0020113	91.99947	.0094623	.0021701	.0061405	61.42211
#3	.0058128	.0021591	91.46835	.0092740	.0022356	.0051159	60.76868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2960914	13.84794	.0222956	.0005969	24.47141	.0004508	.0024301
Stddev	.0032634	.18473	.0001256	.0001837	.08244	.0021657	.0024962
%RSD	1.102153	1.334017	.5634014	30.77561	.3368767	480.3948	102.7174

#1	.2990743	14.03940	.0222985	.0007802	24.56641	.0017255	.0039823
#2	.2965941	13.83367	.0224198	.0005976	24.42917	-.002050	.0037574
#3	.2926059	13.67076	.0221686	.0004128	24.41865	.001677	-.000449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.28837	.4321414	.6962449	.0024044	3.071890	6.530451	-.001066
Stddev	.18185	.0025141	.0075558	.0001391	.015946	.070814	.001201
%RSD	.9428043	.5817838	1.085227	5.785348	.5190901	1.084370	112.7104

#1	19.47202	.4339137	.7031255	.0025641	3.088651	6.600826	.000147
#2	19.28472	.4292640	.6974506	.0023389	3.056909	6.531321	-.001089
#3	19.10837	.4332465	.6881588	.0023101	3.070111	6.459205	-.002255

Sample Name: I6453-19 Acquired: 11/27/2017 14:54:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE2Y8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001000	-.019693	.4298639
Stddev	.000180	.000464	.0041911
%RSD	17.98064	2.356052	.9749834

#1	-.000938	-.020226	.4331591
#2	-.001203	-.019381	.4312859
#3	-.000860	-.019472	.4251469

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1558.025	2511.561	47353.81	7337.192	3502.960
Stddev	20.530	15.698	523.23	55.642	19.525
%RSD	1.317690	.6250463	1.104936	.7583514	.5573740

#1	1555.816	2522.324	47304.46	7282.768	3515.701
#2	1579.570	2518.811	47899.97	7334.831	3512.696
#3	1538.688	2493.547	46857.01	7393.977	3480.481

Sample Name: I6453-20 Acquired: 11/27/2017 14:58:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013648	.0027726	.0041683	-.004684	-.000679	.1277869	.0252537
Stddev	.0038331	.0007980	.0014244	.000845	.001050	.0007784	.0002409
%RSD	280.8460	28.78210	34.17209	18.05217	154.7193	.6091661	.9538211

#1	-.003030	.0033229	.0035052	-.004446	.000122	.1272758	.0254442
#2	.003105	.0031376	.0031963	-.005622	-.000291	.1286828	.0249830
#3	.004019	.0018574	.0058033	-.003982	-.001867	.1274021	.0253341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002504	.0005619	22.48204	.0115524	.0005999	.0030568	18.65852
Stddev	.0000515	.0000609	.09507	.0005530	.0003303	.0004629	.02227
%RSD	20.55367	10.83799	.4228759	4.787197	55.06562	15.14172	.1193353

#1	.0002781	.0005542	22.55580	.0110747	.0009716	.0025267	18.65129
#2	.0001910	.0005053	22.37475	.0114243	.0003397	.0032633	18.64078
#3	.0002821	.0006263	22.51558	.0121583	.0004884	.0033805	18.68351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1486432	2.436343	.0096291	.0004815	53.99317	-.001341	.0060988
Stddev	.0003899	.012619	.0000651	.0001446	.17558	.001261	.0006946
%RSD	.2623149	.5179351	.6757051	30.03742	.3251849	94.07277	11.38898

#1	.1481982	2.427057	.0095932	.0003332	54.19054	-.000265	.0068017
#2	.1488064	2.431261	.0095899	.0006222	53.85436	-.001028	.0054129
#3	.1489250	2.450710	.0097042	.0004890	53.93460	-.002729	.0060816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.282031	9.198876	.0927406	.0037012	1.289068	3.693212	-.001328
Stddev	.042873	.042130	.0005086	.0002484	.015002	.017231	.001007
%RSD	1.306300	.4579892	.5484517	6.711302	1.163800	.4665629	75.85309

#1	3.243814	9.166339	.0931834	.0034829	1.272045	3.711200	-.000697
#2	3.273888	9.183826	.0928532	.0036492	1.294801	3.691583	-.000797
#3	3.328392	9.246465	.0921850	.0039715	1.300358	3.676853	-.002489

Sample Name: I6453-20 Acquired: 11/27/2017 14:58:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Y9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015975	-.022752	.1144463
Stddev	.0001090	.000905	.0004209
%RSD	6.822574	3.978910	.3677947

#1	.0016094	-.023717	.1140714
#2	.0017002	-.022616	.1143658
#3	.0014831	-.021922	.1149016

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.918	2557.096	47928.81	7390.434	3635.650
Stddev	11.902	12.007	128.02	36.507	14.150
%RSD	.7581413	.4695501	.2670950	.4939829	.3892116

#1	1567.895	2566.075	47822.82	7350.431	3648.981
#2	1582.701	2561.755	48071.04	7421.951	3637.167
#3	1559.156	2543.458	47892.58	7398.920	3620.802

Sample Name: I6453-21 Acquired: 11/27/2017 15:03:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	.0050752	.0046236	-.010305	.0001335	.0469067	.2418526
Stddev	.001574	.0018704	.0009624	.002148	.0003100	.0067349	.0008513
%RSD	5693.148	36.85430	20.81411	20.84519	232.1640	14.35812	.3519787

#1	-.001815	.0031090	.0044435	-.010865	.0004737	.0395318	.2428054
#2	.001152	.0052842	.0056633	-.012117	.0000597	.0484571	.2415855
#3	.000580	.0068323	.0037641	-.007932	-.000133	.0527313	.2411669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003780	.0011733	210.9556	-.000218	.0031805	.0041284	35.39842
Stddev	.0000114	.0000848	1.2359	.000599	.0001670	.0004989	.13227
%RSD	3.006295	7.226056	.5858457	274.8802	5.250293	12.08341	.3736519

#1	.0003851	.0012408	212.1340	-.000909	.0031360	.0035524	35.52563
#2	.0003839	.0010781	211.0634	.000157	.0030403	.0044234	35.40800
#3	.0003649	.0012009	209.6693	.000098	.0033652	.0044094	35.26162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2388117	30.56691	.0080717	.0005024	33.94266	.0027528	-.005249
Stddev	.0007927	.21429	.0004794	.0001180	.11211	.0011813	.001401
%RSD	.3319204	.7010612	5.939269	23.48447	.3302852	42.91376	26.68566

#1	.2386191	30.80311	.0079261	.0005183	33.94003	.0021180	-.006817
#2	.2396829	30.51267	.0086070	.0006117	34.05606	.0020245	-.004121
#3	.2381330	30.38495	.0076819	.0003773	33.83189	.0041157	-.004810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.66104	.5356559	.9415103	.0004157	1.384252	6.645182	-.003457
Stddev	.11901	.0063763	.0056480	.0002299	.011679	.029193	.000769
%RSD	.4152433	1.190375	.5998927	55.29801	.8436883	.4393052	22.25046

#1	28.52918	.5287435	.9477728	.0004012	1.374495	6.678086	-.003929
#2	28.76050	.5413078	.9399558	.0006526	1.397192	6.635070	-.002569
#3	28.69345	.5369164	.9368023	.0001935	1.381068	6.622390	-.003873

Sample Name: I6453-21 Acquired: 11/27/2017 15:03:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003819	-.020386	.9245520
Stddev	.000320	.000062	.0031725
%RSD	8.392248	.3042246	.3431395

#1	-.004169	-.020451	.9209550
#2	-.003541	-.020328	.9269512
#3	-.003746	-.020379	.9257498

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.805	2388.746	44688.49	7095.242	3263.860
Stddev	4.138	5.149	183.17	44.714	9.364
%RSD	.2842103	.2155509	.4098863	.6301989	.2869029

#1	1455.801	2394.374	44528.03	7047.221	3273.896
#2	1451.669	2384.272	44888.06	7102.824	3255.358
#3	1459.944	2387.592	44649.40	7135.680	3262.324

Sample Name: PB104418BL Acquired: 11/27/2017 15:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0008929	.0004988	.0004712	-.000515	-.000553	.0033776	-.001018
Stddev	.0028030	.0005484	.0010632	.001031	.000643	.0056147	.000111
%RSD	313.9068	109.9434	225.6437	199.9995	116.3071	166.2348	10.89597

#1	.0033389	.0000692	.0009554	-.001605	.000072	.0075298	-.001118
#2	-.002166	.0003107	-.000748	-.000386	-.001213	-.003011	-.000899
#3	.001506	.0011164	.001206	.000444	-.000517	.005613	-.001038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000153	-.000018	.0029538	-.000392	-.000058	.0016398	-.000931
Stddev	.0000461	.000046	.0090652	.000150	.000069	.0010491	.002011
%RSD	301.3005	252.8874	306.8957	38.11413	118.6321	63.97725	216.0439

#1	-.000036	-.000071	.0125424	-.000417	-.000121	.0027655	-.002473
#2	.000054	.000011	-.005477	-.000232	.000016	.0006894	.001344
#3	.000028	.000005	.001796	-.000528	-.000070	.0014645	-.001664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000236	-.013203	.0001368	.0002690	-.055865	-.002782	-.001881
Stddev	.000245	.005563	.0001587	.0001348	.072029	.000348	.002152
%RSD	103.8182	42.13357	115.9725	50.11455	128.9351	12.49620	114.4175

#1	-.000355	-.015833	-.000040	.0001899	-.136974	-.002980	-.000462
#2	.000046	-.006813	.000268	.0001925	.000632	-.002985	-.000823
#3	-.000400	-.016963	.000183	.0004247	-.031252	-.002380	-.004357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088255	.0013226	.0032864	.0000021	.0094483	.0011799	.0005934
Stddev	.017373	.0010879	.0006875	.0004038	.0031755	.0006129	.0007954
%RSD	19.68493	82.25335	20.92084	19306.59	33.60904	51.94216	134.0450

#1	-.108193	.0009672	.0038878	-.000308	.0068168	.0013030	.0000928
#2	-.076370	.0025437	.0034345	-.000144	.0129755	.0017219	.0015106
#3	-.080201	.0004568	.0025369	.000459	.0085527	.0005148	.0001768

Sample Name: PB104418BL Acquired: 11/27/2017 15:07:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	-.000059	-.006396	-.000034
Stddev	.000159	.000949	.000016
%RSD	271.0539	14.83370	48.08691

#1	-.000063	-.005584	-.000015
#2	.000102	-.006165	-.000045
#3	-.000215	-.007439	-.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.859	2632.047	48828.99	7110.100	3898.354
Stddev	10.482	52.944	318.94	34.228	83.557
%RSD	.6564321	2.011531	.6531769	.4814015	2.143388

#1	1585.717	2654.429	48517.33	7098.293	3946.467
#2	1598.336	2571.587	48814.91	7083.337	3801.871
#3	1606.525	2670.124	49154.74	7148.668	3946.724

Sample Name: PB104540BS Acquired: 11/27/2017 15:11:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0253698	.0596790	.0220353	.0780648	.1267799	.4789233
Stddev	.0021268	.0015031	.0013881	.0029301	.0013433	.0067083
%RSD	8.383183	2.518606	6.299574	3.753386	1.059540	1.400713

#1	.0251898	.0610389	.0206546	.0814481	.1261303	.4711777
#2	.0275808	.0580651	.0220206	.0763969	.1283245	.4827168
#3	.0233387	.0599330	.0234308	.0763496	.1258850	.4828753

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4251315	.0109655	.0105116	10.76030	.0240910	.1041003
Stddev	.0005615	.0000969	.0000788	.04799	.0003778	.0000561
%RSD	.1320698	.8834584	.7496808	.4460313	1.568093	.0538424

#1	.4252761	.0110315	.0104301	10.74433	.0242250	.1040978
#2	.4256065	.0108543	.0105874	10.72233	.0236646	.1040455
#3	.4245119	.0110107	.0105174	10.81425	.0243836	.1041576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602283	F .2661985	.0351515	10.35435	.0833729	.0230178
Stddev	.0002040	.0036467	.0002410	.03792	.0001808	.0003587
%RSD	.3387597	1.369903	.6855800	.3661790	.2168943	1.558549

#1	.0602363	.2685577	.0351731	10.37392	.0832800	.0227032
#2	.0600204	.2680394	.0349004	10.31065	.0832574	.0229416
#3	.0604282	.2619983	.0353810	10.37849	.0835813	.0234085

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35889	.1109852	.1304322	9.681710	F .0305016	F .0259927
Stddev	.21073	.0004983	.0042800	.003429	.0016685	.0004292
%RSD	2.034312	.4489801	3.281373	.0354148	5.470206	1.651100

#1	10.28872	.1106435	.1255051	9.677758	.0322610	.0261870
#2	10.59575	.1107552	.1332290	9.683898	.0303017	.0262904
#3	10.19219	.1115570	.1325625	9.683473	.0289420	.0255007

Sample Name: PB104540BS Acquired: 11/27/2017 15:11:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0236151	.1948788	.2254744	F .0126243	.2165567	.0901412
Stddev	.0004315	.0018798	.0016025	.0011695	.0010915	.0007156
%RSD	1.827294	.9645925	.7107464	9.263578	.5040279	.7938867

#1	.0234564	.1929824	.2256072	.0113188	.2165548	.0901183
#2	.0241035	.1967415	.2238095	.0129780	.2154662	.0908680
#3	.0232854	.1949124	.2270063	.0135761	.2176492	.0894373

Elem	Sr4077
Units	ppm
Avg	.2194416
Stddev	.0003288
%RSD	.1498447

#1	.2191122
#2	.2197698
#3	.2194426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.977	2581.111	47114.89	6989.130	3688.186
Stddev	5.241	7.023	86.81	37.947	6.873
%RSD	.3357409	.2721021	.1842444	.5429449	.1863409

#1	1560.467	2573.164	47204.58	6998.446	3683.006
#2	1556.010	2583.689	47031.29	7021.552	3685.570
#3	1566.454	2586.482	47108.79	6947.393	3695.983

Sample Name: I6532-01 Acquired: 11/27/2017 15:15:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.102097	.0100150	2.016895	-.001544	.0080513	45.25227	.5439989
Stddev	.004774	.0015891	.007914	.003655	.0015236	.20821	.0020594
%RSD	.2270908	15.86722	.3924072	236.6809	18.92382	.4601050	.3785632

#1	2.096661	.0113943	2.013279	-.005751	.0097742	45.44133	.5458694
#2	2.104027	.0082773	2.011435	.000851	.0074984	45.02912	.5417920
#3	2.105604	.0103733	2.025972	.000267	.0068813	45.28637	.5443354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049489	.0086024	42.07736	.0770791	.0477181	.3502614	88.87483
Stddev	.0000871	.0002045	.04913	.0003516	.0003970	.0035408	.15702
%RSD	1.758935	2.377663	.1167635	.4561027	.8318804	1.010904	.1766767

#1	.0049734	.0084268	42.11996	.0768239	.0480130	.3517612	88.97295
#2	.0050211	.0085536	42.08851	.0774801	.0472668	.3462176	88.95781
#3	.0048522	.0088270	42.02362	.0769334	.0478747	.3528056	88.69373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.954718	14.87089	.0739367	.0012008	.3151294	.1101928	.8073767
Stddev	.002205	.05269	.0005153	.0002445	.1538148	.0028288	.0055707
%RSD	.1128122	.3542827	.6969998	20.36157	48.81005	2.567091	.6899759

#1	1.956585	14.93015	.0733554	.0010153	.4450628	.1071012	.8011966
#2	1.955284	14.85317	.0743377	.0014779	.3550291	.1108260	.8120119
#3	1.952285	14.82935	.0741170	.0011092	.1452962	.1126514	.8089217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.094305	3.629831	-.191318	.0076193	7.015432	9.249688	.0135216
Stddev	.044182	.026312	.001025	.0001886	.062171	.022420	.0006067
%RSD	.7249769	.7248751	.5357992	2.475255	.8861972	.2423906	4.486866

#1	6.139231	3.620802	-.191942	.0074732	6.978236	9.268656	.0129322
#2	6.050906	3.609223	-.190135	.0078322	6.980854	9.255462	.0134884
#3	6.092780	3.659469	-.191877	.0075526	7.087204	9.224945	.0141442

Sample Name: I6532-01 Acquired: 11/27/2017 15:15:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BM5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9253359	.1215218	.6619542
Stddev	.0036811	.0002335	.0029990
%RSD	.3978100	.1921524	.4530526

#1	.9270802	.1217893	.6625340
#2	.9211069	.1213588	.6587077
#3	.9278205	.1214172	.6646211

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.920	2712.984	51028.64	7861.450	3494.288
Stddev	10.047	7.825	177.73	12.532	4.807
%RSD	.6137474	.2884168	.3482884	.1594065	.1375690

#1	1647.280	2711.318	51233.59	7872.177	3488.752
#2	1627.219	2706.126	50935.22	7847.676	3496.705
#3	1636.261	2721.507	50917.10	7864.498	3497.407

Sample Name: I6532-02 Acquired: 11/27/2017 15:19:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.935416	.0115083	1.792360	-.006816	.0078190	47.38751	.6371205
Stddev	.004633	.0018824	.005248	.001948	.0003647	.33931	.0055155
%RSD	.2393604	16.35715	.2927968	28.58605	4.664044	.7160317	.8656930

#1	1.930920	.0103127	1.795413	-.006489	.0081641	47.64512	.6411421
#2	1.940174	.0105340	1.786301	-.005051	.0078555	47.51436	.6393864
#3	1.935152	.0136781	1.795367	-.008907	.0074375	47.00305	.6308329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049753	.0095473	58.29012	.0759756	.0562035	.3345561	96.43062
Stddev	.0000550	.0000356	.27616	.0006156	.0003333	.0029376	.57843
%RSD	1.104810	.3734437	.4737605	.8102912	.5930260	.8780560	.5998424

#1	.0050387	.0095067	58.52396	.0753256	.0559703	.3372035	96.75949
#2	.0049467	.0095731	58.36096	.0760514	.0560551	.3350690	96.76964
#3	.0049407	.0095623	57.98545	.0765498	.0565853	.3313959	95.76273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.270243	24.54138	.0809344	.0007502	.3750403	.1006776	.9142947
Stddev	.023087	.19282	.0003091	.0003457	.0809115	.0035536	.0204438
%RSD	.7059654	.7857100	.3819522	46.07820	21.57408	3.529691	2.236019

#1	3.284608	24.71769	.0811416	.0010674	.4416034	.1023774	.9316177
#2	3.282509	24.57099	.0805790	.0008015	.2849812	.0965933	.9195215
#3	3.243613	24.33547	.0810825	.0003817	.3985362	.1030620	.8917449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.162975	5.028761	-.186968	.0046670	6.401886	9.551122	.0130023
Stddev	.072675	.016869	.000228	.0001631	.021654	.036349	.0014132
%RSD	.7931366	.3354416	.1221704	3.494846	.3382407	.3805693	10.86918

#1	9.180722	5.047919	-.186874	.0044787	6.384376	9.539176	.0118468
#2	9.225133	5.016133	-.186802	.0047645	6.395183	9.522249	.0145780
#3	9.083070	5.022232	-.187229	.0047578	6.426099	9.591940	.0125820

Sample Name: I6532-02 Acquired: 11/27/2017 15:19:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.006988	.1486880	.2255192
Stddev	.008090	.0008726	.0024851
%RSD	.8034011	.5868417	1.101946

#1	1.012751	.1491940	.2271030
#2	1.010474	.1491895	.2267995
#3	.997739	.1476804	.2226549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.671	2728.119	51100.78	8002.775	3423.202
Stddev	20.456	5.577	329.36	39.439	7.394
%RSD	1.245287	.2044132	.6445328	.4928122	.2159968

#1	1630.351	2724.413	50835.48	8004.537	3415.286
#2	1631.377	2725.410	50997.44	7962.485	3429.930
#3	1666.284	2734.532	51469.42	8041.303	3424.390

Sample Name: I6532-03 Acquired: 11/27/2017 15:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.967578	.0114664	2.513210	-.002075	.0082341	41.37391	.6113269
Stddev	.005923	.0019825	.009579	.001075	.0011700	.22785	.0022729
%RSD	.1995801	17.28981	.3811565	51.80403	14.20892	.5507000	.3717954

#1	2.966356	.0092242	2.514160	-.003274	.0081549	41.17233	.6105885
#2	2.962361	.0121880	2.522279	-.001754	.0071057	41.62111	.6138772
#3	2.974016	.0129871	2.503192	-.001197	.0094416	41.32828	.6095150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046117	.0100691	49.73072	.0592489	.0501032	.4405125	91.22654
Stddev	.0001137	.0001282	.16613	.0004491	.0001599	.0027519	.45607
%RSD	2.465970	1.272772	.3340519	.7580270	.3190968	.6246958	.4999348

#1	.0045020	.0102165	49.67448	.0587395	.0500455	.4385647	91.04814
#2	.0047291	.0100064	49.91766	.0595879	.0502839	.4436606	91.74485
#3	.0046042	.0099843	49.60001	.0594192	.0499802	.4393121	90.88664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.353827	24.16761	.0704844	.0008230	.3695414	.0864799	.8260547
Stddev	.011302	.11538	.0000768	.0001039	.0636883	.0005260	.0026322
%RSD	.3369907	.4774151	.1089380	12.62159	17.23440	.6082411	.3186517

#1	3.346292	24.21496	.0704173	.0008599	.4339943	.0865367	.8287651
#2	3.366823	24.25179	.0704676	.0009034	.3679836	.0869752	.8258908
#3	3.348367	24.03609	.0705681	.0007057	.3066464	.0859278	.8235083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.750256	4.066560	-.187690	.0034573	5.777756	8.758423	.0173835
Stddev	.031320	.005590	.003084	.0000649	.002452	.045283	.0001509
%RSD	.4041146	.1374582	1.642945	1.877961	.0424423	.5170181	.8680494

#1	7.740674	4.061383	-.184546	.0033978	5.778688	8.724909	.0172208
#2	7.785248	4.065811	-.190710	.0034475	5.774974	8.809938	.0175189
#3	7.724847	4.072487	-.187815	.0035265	5.779606	8.740422	.0174106

Sample Name: I6532-03 Acquired: 11/27/2017 15:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8231997	.1467454	.2089863
Stddev	.0054155	.0002664	.0014913
%RSD	.6578600	.1815174	.7135784

#1	.8234519	.1464494	.2082999
#2	.8284847	.1469657	.2106972
#3	.8176626	.1468212	.2079618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.914	2724.271	50956.85	7898.473	3459.379
Stddev	3.406	8.780	105.26	34.942	14.584
%RSD	.2080894	.3222716	.2065752	.4423955	.4215644

#1	1633.649	2715.828	50960.68	7920.832	3448.132
#2	1636.648	2723.633	50849.72	7858.207	3454.148
#3	1640.446	2733.352	51060.14	7916.381	3475.857

Sample Name: I6532-04 Acquired: 11/27/2017 15:27:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.740867	.0122709	2.903072	.0015286	.0111128	54.01974	.6915731
Stddev	.019197	.0015050	.012067	.0020155	.0009854	.08427	.0019088
%RSD	.7004093	12.26478	.4156467	131.8533	8.866969	.1559896	.2760143

#1	2.718917	.0136699	2.892518	.0038501	.0120526	53.93733	.6893989
#2	2.749156	.0124642	2.900470	.0005096	.0100874	54.01615	.6923464
#3	2.754527	.0106786	2.916227	.0002260	.0111984	54.10574	.6929739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058978	.0130737	43.18729	.0775778	.0676168	.5290619	103.9231
Stddev	.0001336	.0001846	.20662	.0000992	.0006798	.0001992	.3877
%RSD	2.265801	1.412352	.4784295	.1278854	1.005298	.0376547	.3730309

#1	.0057471	.0130984	43.22105	.0776868	.0668340	.5289100	103.8464
#2	.0060020	.0128780	43.37495	.0774927	.0679585	.5289883	104.3434
#3	.0059442	.0132448	42.96587	.0775538	.0680578	.5292875	103.5796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.546134	27.60708	.0944358	.0012315	.4503116	.1128820	1.013359
Stddev	.008100	.12691	.0009004	.0001123	.0551778	.0025836	.010405
%RSD	.3181252	.4597169	.9534097	9.117495	12.25326	2.288737	1.026760

#1	2.552254	27.51404	.0937259	.0011550	.4404970	.1154233	1.003418
#2	2.549200	27.75166	.0941330	.0013604	.4006997	.1129645	1.012487
#3	2.536949	27.55554	.0954485	.0011790	.5097382	.1102582	1.024172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.632922	3.844147	-.237925	.0042147	6.536963	11.11367	.0152034
Stddev	.059507	.037002	.004078	.0004293	.036671	.13261	.0007234
%RSD	.8971514	.9625438	1.713965	10.18579	.5609857	1.193220	4.758417

#1	6.603192	3.803536	-.236831	.0046872	6.494877	11.09196	.0149680
#2	6.594138	3.852953	-.242438	.0038485	6.553962	11.25579	.0160152
#3	6.701436	3.875951	-.234505	.0041085	6.562051	10.99325	.0146269

Sample Name: I6532-04 Acquired: 11/27/2017 15:27:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BM8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.047665	.1983298	.1981171
Stddev	.002878	.0017029	.0005847
%RSD	.2746852	.8586341	.2951373

#1	1.045193	.1967154	.1978758
#2	1.050824	.1981648	.1976917
#3	1.046976	.2001092	.1987839

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.954	2831.275	52819.24	8215.975	3451.048
Stddev	2.571	7.015	42.71	58.030	5.507
%RSD	.1512533	.2477746	.0808680	.7063083	.1595767

#1	1702.770	2838.648	52783.87	8199.639	3455.965
#2	1699.360	2830.493	52807.15	8167.863	3452.081
#3	1697.731	2824.683	52866.69	8280.422	3445.097

Sample Name: I6532-05 Acquired: 11/27/2017 15:31:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.899754	.0138405	2.956515	-.007587	.0127797	56.09386	.7684473
Stddev	.011801	.0024694	.007587	.002892	.0004295	.23902	.0025592
%RSD	.2408469	17.84156	.2566141	38.11615	3.360561	.4261054	.3330375

#1	4.886590	.0119021	2.953447	-.010803	.0131343	56.18943	.7671182
#2	4.903285	.0166207	2.950943	-.006757	.0129026	56.27031	.7713976
#3	4.909385	.0129988	2.965155	-.005201	.0123022	55.82185	.7668260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064415	.0112414	46.08890	.0802096	.0687513	.5204870	127.2586
Stddev	.0001035	.0000693	.08513	.0008152	.0004829	.0028772	.2409
%RSD	1.606201	.6163753	.1847060	1.016372	.7023423	.5527824	.1892882

#1	.0064891	.0112242	45.99182	.0804246	.0692020	.5201713	127.0915
#2	.0063228	.0111824	46.12410	.0793084	.0682417	.5235091	127.5347
#3	.0065125	.0113177	46.15078	.0808958	.0688102	.5177808	127.1496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.728585	32.67985	.0964552	.0010302	.4996220	.1185427	.8263436
Stddev	.004768	.01502	.0006152	.0002237	.1261050	.0036811	.0028740
%RSD	.1747273	.0459763	.6378522	21.71751	25.24009	3.105314	.3477986

#1	2.731470	32.67383	.0962775	.0007734	.4351744	.1172689	.8291799
#2	2.731204	32.69696	.0959483	.0011832	.6449270	.1226916	.8264177
#3	2.723082	32.66877	.0971397	.0011339	.4187646	.1156677	.8234333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.862927	3.693053	-.303986	.0038752	5.483422	10.59138	.0202784
Stddev	.024631	.002057	.002843	.0003522	.019944	.03094	.0014018
%RSD	.3132582	.0557041	.9352400	9.089468	.3637059	.2921072	6.912669

#1	7.876927	3.694993	-.300856	.0035968	5.465569	10.56029	.0204563
#2	7.877368	3.690896	-.306408	.0042712	5.479750	10.62216	.0215828
#3	7.834486	3.693269	-.304694	.0037577	5.504946	10.59169	.0187962

Sample Name: I6532-05 Acquired: 11/27/2017 15:31:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BM9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.190822	.2263366	.2034496
Stddev	.003719	.0013718	.0004628
%RSD	.3123313	.6060787	.2274629

#1	1.189866	.2279040	.2034676
#2	1.194926	.2257509	.2039031
#3	1.187675	.2253549	.2029781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.005	2843.235	52979.91	8258.438	3393.355
Stddev	9.147	5.150	144.91	18.999	8.805
%RSD	.5367921	.1811166	.2735166	.2300547	.2594808

#1	1704.623	2846.704	53051.40	8246.091	3392.235
#2	1694.564	2845.684	53075.17	8248.908	3402.666
#3	1712.827	2837.318	52813.15	8280.316	3385.163

Sample Name: I6532-06 Acquired: 11/27/2017 15:35:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.384938	.0124462	1.809699	-.007422	.0085858	44.70352	.6198710
Stddev	.009913	.0008855	.006131	.000916	.0017818	.17090	.0020302
%RSD	.4156408	7.114305	.3387728	12.34592	20.75270	.3823075	.3275127

#1	2.388713	.0126659	1.813095	-.008218	.0102653	44.51996	.6200756
#2	2.373692	.0114716	1.802622	-.006420	.0067169	44.73255	.6177463
#3	2.392408	.0132011	1.813380	-.007628	.0087751	44.85806	.6217911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048504	.0089802	42.99709	.0784185	.0540122	.3234916	103.0742
Stddev	.0000566	.0000595	.08673	.0003914	.0002019	.0023227	.1337
%RSD	1.167315	.6624977	.2017197	.4991534	.3738527	.7180226	.1297266

#1	.0048232	.0090010	43.06204	.0782405	.0541298	.3252653	102.9624
#2	.0048126	.0089131	42.89859	.0788673	.0537790	.3243471	103.0380
#3	.0049155	.0090266	43.03064	.0781477	.0541277	.3208625	103.2223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.051550	22.94051	.0779400	.0011193	.3628539	.1011690	.7932833
Stddev	.009952	.07200	.0007776	.0001484	.1172159	.0016482	.0053837
%RSD	.3261393	.3138510	.9977565	13.25918	32.30387	1.629168	.6786667

#1	3.046289	22.87485	.0778564	.0012629	.4957618	.0997216	.7991297
#2	3.045332	22.92918	.0772076	.0009665	.3185622	.1029629	.7921905
#3	3.063029	23.01751	.0787561	.0011285	.2742376	.1008224	.7885298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.351606	4.056931	-.234085	.0037451	5.516891	4.270052	.0155316
Stddev	.038246	.026324	.000611	.0002508	.028025	.026280	.0009276
%RSD	.6021398	.6488568	.2610831	6.697815	.5079863	.6154518	5.972399

#1	6.309596	4.034668	-.233815	.0035100	5.492870	4.244069	.0165027
#2	6.384406	4.050141	-.233655	.0040091	5.510122	4.296620	.0154373
#3	6.360816	4.085985	-.234784	.0037162	5.547680	4.269467	.0146547

Sample Name: I6532-06 Acquired: 11/27/2017 15:35:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BN0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9428971	.1488043	.4879053
Stddev	.0042623	.0011040	.0011057
%RSD	.4520479	.7419153	.2266139

#1	.9473363	.1482658	.4869612
#2	.9388369	.1480729	.4876330
#3	.9425183	.1500742	.4891217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.852	2697.150	50624.58	7851.629	3415.137
Stddev	19.929	8.231	438.77	2.592	2.162
%RSD	1.225784	.3051830	.8667144	.0330123	.0633026

#1	1609.028	2688.808	50195.65	7852.676	3413.979
#2	1620.666	2705.266	50605.54	7848.677	3417.631
#3	1647.861	2697.377	51072.57	7853.533	3413.800

Sample Name: I6532-09 Acquired: 11/27/2017 15:47:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.731860	.1366392	1.299125	.0935887	.1956141	39.93372	4.456247
Stddev	.013983	.0023058	.004466	.0057643	.0021813	.02924	.005541
%RSD	.8074004	1.687547	.3437898	6.159225	1.115092	.0732236	.1243340

#1	1.719883	.1382487	1.295674	.0978883	.1947992	39.90701	4.452354
#2	1.728472	.1339976	1.304169	.0870386	.1939575	39.96496	4.453798
#3	1.747226	.1376714	1.297531	.0958391	.1980855	39.92920	4.462591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918122	.1040785	44.61360	.4608214	1.066318	.7269224	80.82127
Stddev	.0004459	.0004052	.11902	.0007985	.001941	.0001889	.13177
%RSD	.4856772	.3893325	.2667774	.1732847	.1820667	.0259833	.1630437

#1	.0923136	.1036127	44.47627	.4599000	1.064083	.7271403	80.67130
#2	.0914600	.1043495	44.67761	.4613124	1.067585	.7268219	80.87398
#3	.0916630	.1042733	44.68690	.4612519	1.067287	.7268050	80.91853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.421682	18.90577	1.044184	.0156273	.2609259	1.058588	1.597652
Stddev	.010870	.02091	.001022	.0000578	.0101590	.002318	.005213
%RSD	.2004912	.1106075	.0978472	.3697921	3.893460	.2189915	.3262980

#1	5.409485	18.88306	1.043227	.0156793	.2635936	1.059725	1.591636
#2	5.425214	18.92422	1.045260	.0155651	.2694848	1.055921	1.600468
#3	5.430347	18.91003	1.044066	.0156374	.2496991	1.060120	1.600851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.075368	4.023629	-.173353	.0026672	5.550854	8.888825	.0087516
Stddev	.018315	.025136	.000967	.0002755	.016873	.035905	.0010075
%RSD	.3608575	.6247157	.5578389	10.32911	.3039723	.4039376	11.51269

#1	5.074943	4.022368	-.174050	.0028411	5.552186	8.918243	.0076889
#2	5.057269	3.999147	-.172249	.0023496	5.533354	8.899416	.0096930
#3	5.093891	4.049372	-.173760	.0028110	5.567021	8.848815	.0088729

Sample Name: I6532-09 Acquired: 11/27/2017 15:47:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7740948	.1060191	.5128205
Stddev	.0061491	.0004852	.0007104
%RSD	.7943633	.4576419	.1385243

#1	.7683796	.1060718	.5127959
#2	.7806013	.1064757	.5121228
#3	.7733035	.1055097	.5135429

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.735	2743.316	51106.99	7877.535	3540.304
Stddev	2.851	10.230	151.13	37.370	4.276
%RSD	.1727254	.3728941	.2957142	.4743817	.1207929

#1	1647.887	2742.911	50936.17	7836.031	3542.514
#2	1650.729	2753.743	51223.33	7888.062	3543.022
#3	1653.589	2733.296	51161.48	7908.512	3535.374

Sample Name: I6532-07LX5 Acquired: 11/27/2017 15:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3550347	.0022068	.2674377	.0013654	.0006982	8.197328	.1206854
Stddev	.0016565	.0004081	.0009337	.0033995	.0009819	.010836	.0007717
%RSD	.4665679	18.49240	.3491358	248.9716	140.6355	.1321870	.6394305

#1	.3569020	.0026020	.2664796	.0022121	.0014182	8.199431	.1204839
#2	.3537421	.0022314	.2674886	-.002377	-.000420	8.206959	.1215379
#3	.3544599	.0017870	.2683450	.004262	.001097	8.185595	.1200345

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008741	.0013487	9.802185	.0121691	.0084410	.0561584	17.40925
Stddev	.0000448	.0000236	.053614	.0005760	.0002160	.0010897	.02798
%RSD	5.126851	1.749824	.5469592	4.733471	2.558544	1.940436	.1607052

#1	.0009199	.0013395	9.767641	.0128331	.0086478	.0573843	17.44054
#2	.0008720	.0013311	9.774965	.0118044	.0084584	.0557914	17.38664
#3	.0008303	.0013755	9.863948	.0118697	.0082169	.0552996	17.40057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9789426	4.122487	.0119790	.0003443	-.053942	.0163110	.1352502
Stddev	.0019606	.021610	.0001837	.0001107	.130999	.0033448	.0045724
%RSD	.2002733	.5241936	1.533556	32.15000	242.8498	20.50616	3.380683

#1	.9795114	4.107713	.0120880	.0003631	.096995	.0201502	.1361429
#2	.9767606	4.112460	.0117669	.0004445	-.120807	.0140276	.1393104
#3	.9805559	4.147289	.0120821	.0002255	-.138015	.0147551	.1302973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9932275	.8111833	-.039640	.0005900	1.134050	2.048223	.0012853
Stddev	.0301446	.0028652	.000559	.0001134	.009953	.014973	.0003350
%RSD	3.035011	.3532168	1.410044	19.21717	.8776915	.7310459	26.06164

#1	.9828082	.8142213	-.040139	.0007081	1.126722	2.037314	.0016576
#2	1.027200	.8085296	-.039036	.0005798	1.130046	2.042061	.0011901
#3	.969675	.8107989	-.039745	.0004820	1.145382	2.065295	.0010082

Sample Name: I6532-07LX5 Acquired: 11/27/2017 15:51:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BN1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1675510	.0119810	.1104177
Stddev	.0016973	.0007791	.0001988
%RSD	1.012985	6.502818	.1800185

#1	.1681210	.0112556	.1106463
#2	.1656421	.0128045	.1103213
#3	.1688899	.0118828	.1102855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.517	2715.217	49146.42	7329.244	3853.512
Stddev	19.408	10.287	143.05	23.288	12.657
%RSD	1.198357	.3788525	.2910782	.3177386	.3284547

#1	1623.868	2703.926	49211.18	7337.743	3842.869
#2	1598.303	2724.057	48982.44	7347.089	3867.508
#3	1636.379	2717.668	49245.65	7302.901	3850.159

Sample Name: I6532-10 Acquired: 11/27/2017 15:55:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8346096	.0048701	1.028092	.0092135	.0068598	36.26713	1.460950
Stddev	.0119310	.0005832	.001459	.0050934	.0011160	.08208	.004173
%RSD	1.429532	11.97515	.1419601	55.28109	16.26858	.2263327	.2856188

#1	.8411189	.0055112	1.027334	.0140965	.0081248	36.21415	1.457234
#2	.8208396	.0043709	1.027167	.0039331	.0064402	36.36168	1.465465
#3	.8418701	.0047284	1.029775	.0096111	.0060145	36.22555	1.460152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029841	.0146074	219.8409	.0761277	.0385843	.2962274	72.12271
Stddev	.0001142	.0000828	.5742	.0002234	.0003450	.0013920	.05572
%RSD	3.827649	.5665069	.2611751	.2933836	.8941900	.4698909	.0772602

#1	.0031160	.0145236	220.5027	.0763801	.0387704	.2955433	72.18539
#2	.0029150	.0146095	219.5454	.0759555	.0381862	.2953098	72.10394
#3	.0029214	.0146891	219.4748	.0760476	.0387962	.2978290	72.07879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.135446	55.58076	.0725942	.0010329	3.194947	.0782084	1.605011
Stddev	.005557	.20954	.0007136	.0000395	.109306	.0027466	.020442
%RSD	.1772406	.3770042	.9829387	3.827727	3.421202	3.511853	1.273629

#1	3.141391	55.72413	.0733908	.0009877	3.070307	.0774429	1.618972
#2	3.130381	55.67786	.0720135	.0010612	3.274482	.0812565	1.581547
#3	3.134567	55.34028	.0723784	.0010499	3.240051	.0759258	1.614513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.30312	12.58830	.0760391	.0075152	60.61992	6.434987	.0116482
Stddev	.03707	.08134	.0014702	.0001799	.49874	.021100	.0012111
%RSD	.2273807	.6461208	1.933523	2.393872	.8227296	.3278923	10.39742

#1	16.30805	12.60018	.0767134	.0074710	60.50570	6.458289	.0130328
#2	16.33748	12.50168	.0770511	.0077131	60.18820	6.429497	.0107858
#3	16.26384	12.66304	.0743526	.0073615	61.16586	6.417174	.0111260

Sample Name: I6532-10 Acquired: 11/27/2017 15:55:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BP2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9655627	.1563949	3.439346
Stddev	.0009031	.0002332	.009328
%RSD	.0935307	.1491181	.2712272

#1	.9664304	.1561564	3.441536
#2	.9646279	.1564060	3.447384
#3	.9656297	.1566224	3.429117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.154	2451.608	45815.77	7465.496	3191.502
Stddev	6.970	12.309	237.96	49.380	10.422
%RSD	.4770481	.5020830	.5193817	.6614486	.3265511

#1	1453.747	2437.435	45576.13	7418.672	3180.818
#2	1467.584	2459.625	45819.18	7460.726	3201.641
#3	1462.131	2457.762	46052.01	7517.087	3192.045

Sample Name: I6532-11 Acquired: 11/27/2017 15:59:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6648844	.0083034	.8094247	-.004883	.0035581	30.63648	.3699970
Stddev	.0059910	.0018760	.0013150	.000538	.0011299	.06774	.0009882
%RSD	.9010631	22.59271	.1624565	11.00857	31.75634	.2211127	.2670933

#1	.6607041	.0078790	.8083495	-.004286	.0046174	30.67188	.3710690
#2	.6622011	.0066760	.8108908	-.005328	.0036883	30.67919	.3697998
#3	.6717480	.0103552	.8090337	-.005033	.0023688	30.55838	.3691223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027864	.0044033	68.07319	.0428592	.0321775	.1501015	60.48066
Stddev	.0000190	.0001816	.18414	.0001299	.0003609	.0012789	.11792
%RSD	.6815229	4.123472	.2705011	.3030946	1.121668	.8520377	.1949653

#1	.0027982	.0043486	68.14739	.0427192	.0317959	.1513501	60.47570
#2	.0027965	.0042554	67.86353	.0428825	.0322235	.1501599	60.36530
#3	.0027645	.0046060	68.20866	.0429759	.0325133	.1487943	60.60098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.480935	35.49728	.0503081	.0004812	.9213976	.0553374	.3782409
Stddev	.001538	.06557	.0004718	.0002222	.0171751	.0037931	.0095537
%RSD	.1038734	.1847057	.9377583	46.17474	1.864030	6.854540	2.525833

#1	1.482711	35.56760	.0502519	.0007370	.9128597	.0574716	.3716813
#2	1.480085	35.48642	.0498669	.0003371	.9101645	.0575827	.3892020
#3	1.480009	35.43783	.0508054	.0003693	.9411686	.0509580	.3738393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.845750	2.900634	-.103876	.0021829	8.452965	8.554131	.0033995
Stddev	.031303	.018666	.001825	.0001465	.031238	.044527	.0003504
%RSD	.3538781	.6435073	1.756814	6.711543	.3695456	.5205360	10.30706

#1	8.873743	2.881623	-.104025	.0023363	8.420860	8.599611	.0030193
#2	8.851556	2.901346	-.105622	.0020444	8.454778	8.552161	.0037095
#3	8.811950	2.918934	-.101981	.0021679	8.483256	8.510621	.0034696

Sample Name: I6532-11 Acquired: 11/27/2017 15:59:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8440541	.1565031	.4817673
Stddev	.0027601	.0006111	.0008762
%RSD	.3270108	.3904888	.1818663

#1	.8472317	.1570310	.4825754
#2	.8426797	.1558336	.4818904
#3	.8422510	.1566447	.4808361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.332	2697.076	49791.16	7716.870	3526.250
Stddev	12.104	5.277	125.23	19.006	11.967
%RSD	.7461043	.1956729	.2515065	.2462962	.3393695

#1	1635.793	2702.280	49930.60	7700.900	3537.523
#2	1612.343	2697.220	49754.61	7737.892	3527.534
#3	1618.861	2691.728	49688.28	7711.818	3513.693

Sample Name: I6532-12 Acquired: 11/27/2017 16:03:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.723690	.0146955	2.081586	-.015589	.0070461	57.95396	.7602411
Stddev	.016495	.0018212	.004697	.004546	.0013549	.33062	.0047817
%RSD	.4429732	12.39275	.2256325	29.16181	19.22916	.5704793	.6289684

#1	3.742157	.0157511	2.080808	-.012512	.0065806	57.63488	.7547197
#2	3.710418	.0157429	2.077326	-.013444	.0085724	58.29501	.7629934
#3	3.718496	.0125926	2.086622	-.020811	.0059853	57.93197	.7630103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053799	.0117756	62.36037	.0716101	.0589268	.3418236	129.0818
Stddev	.0001311	.0002177	.37230	.0007692	.0007735	.0031184	.8736
%RSD	2.437442	1.848538	.5970068	1.074202	1.312714	.9122751	.6767718

#1	.0055016	.0116128	61.93788	.0709329	.0587624	.3382242	128.2545
#2	.0053969	.0116912	62.64040	.0714509	.0582487	.3435372	129.9953
#3	.0052410	.0120228	62.50284	.0724464	.0597693	.3437094	128.9955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108428	49.33571	.0880815	.0010109	.5556590	.1146762	.7192028
Stddev	.015584	.37777	.0006866	.0002709	.0450143	.0012762	.0073136
%RSD	.5013577	.7657222	.7794716	26.79471	8.101064	1.112910	1.016902

#1	3.091245	48.94794	.0873748	.0011896	.5523782	.1136324	.7129173
#2	3.121648	49.70263	.0881238	.0011439	.6022239	.1160990	.7174611
#3	3.112392	49.35657	.0887460	.0006993	.5123748	.1142973	.7272300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.32046	4.722599	-.312592	.0029454	4.804356	11.69947	.0094599
Stddev	.10294	.004217	.003065	.0000432	.012223	.09084	.0010462
%RSD	.8354986	.0892837	.9803817	1.466981	.2544225	.7764609	11.05882

#1	12.20162	4.722865	-.312430	.0029466	4.804312	11.62492	.0082563
#2	12.38187	4.726675	-.315734	.0029880	4.792156	11.80065	.0101513
#3	12.37789	4.718255	-.309611	.0029017	4.816602	11.67283	.0099721

Sample Name: I6532-12 Acquired: 11/27/2017 16:03:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.362032	.2842432	.2695990
Stddev	.008629	.0022157	.0029215
%RSD	.6335330	.7795041	1.083639

#1	1.353003	.2820226	.2667261
#2	1.370196	.2842530	.2725668
#3	1.362896	.2864540	.2695041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.597	2798.975	51702.01	8112.745	3395.233
Stddev	6.022	11.730	128.51	59.702	13.848
%RSD	.3600604	.4190797	.2485678	.7359029	.4078771

#1	1676.817	2787.532	51662.04	8160.653	3385.731
#2	1675.274	2810.972	51845.76	8045.862	3411.123
#3	1665.701	2798.420	51598.23	8131.722	3388.847

Sample Name: I6532-13 Acquired: 11/27/2017 16:07:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.232544	.0121648	1.232136	-.009333	.0055730	49.89417	.7309728
Stddev	.009843	.0008904	.003244	.000786	.0013431	.13720	.0020747
%RSD	.4408657	7.319387	.2633081	8.424922	24.10038	.2749878	.2838325

#1	2.235767	.0128716	1.229801	-.008704	.0041104	50.03275	.7316600
#2	2.221493	.0111648	1.230767	-.010215	.0058576	49.75839	.7286417
#3	2.240370	.0124581	1.235841	-.009081	.0067509	49.89137	.7326168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041888	.0080916	60.99795	.0896765	.0575292	.2388199	97.07768
Stddev	.0000212	.0001553	.04209	.0013854	.0002043	.0027327	.17925
%RSD	.5060237	1.918607	.0690086	1.544865	.3550774	1.144236	.1846443

#1	.0041644	.0081964	61.04533	.0889494	.0574922	.2392014	97.27988
#2	.0041995	.0079132	60.98369	.0912740	.0577494	.2359166	97.01486
#3	.0042025	.0081651	60.96485	.0888060	.0573459	.2413418	96.93830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.409748	41.32355	.0743313	.0008890	.4017367	.0931202	.5461825
Stddev	.009515	.01897	.0002217	.0001136	.1231704	.0023563	.0022756
%RSD	.1758813	.0459055	.2983155	12.77581	30.65949	2.530402	.4166433

#1	5.408927	41.31735	.0741031	.0009586	.4880471	.0939862	.5481426
#2	5.419646	41.34484	.0743448	.0007579	.4564785	.0904534	.5436869
#3	5.400670	41.30845	.0745460	.0009505	.2606844	.0949210	.5467179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.699908	3.755695	-.225237	.0039700	4.714911	11.22668	.0059015
Stddev	.052269	.030218	.001134	.0001388	.037733	.00569	.0010108
%RSD	.5388623	.8046023	.5035799	3.495370	.8002865	.0506619	17.12758

#1	9.726949	3.763729	-.224994	.0039350	4.743852	11.23252	.0048340
#2	9.639658	3.781083	-.224243	.0041230	4.728646	11.22636	.0068439
#3	9.733116	3.722271	-.226473	.0038521	4.672234	11.22115	.0060266

Sample Name: I6532-13 Acquired: 11/27/2017 16:07:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.039073	.2291836	.2501621
Stddev	.004560	.0005273	.0013566
%RSD	.4388377	.2300707	.5422690

#1	1.042441	.2292169	.2515269
#2	1.033884	.2286405	.2488140
#3	1.040894	.2296935	.2501453

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.015	2707.010	49821.71	7797.121	3381.139
Stddev	8.113	8.006	59.20	21.095	7.242
%RSD	.5029541	.2957343	.1188191	.2705467	.2141846

#1	1614.199	2704.983	49781.54	7772.768	3382.086
#2	1620.470	2715.835	49889.69	7809.708	3387.860
#3	1604.375	2700.213	49793.90	7808.888	3373.470

Sample Name: I6532-14 Acquired: 11/27/2017 16:11:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.449882	.0116499	1.447202	-.008009	.0059769	45.25628	.6719543
Stddev	.009277	.0006331	.005980	.002650	.0016382	.11605	.0012130
%RSD	.2689167	5.433922	.4132054	33.08138	27.40820	.2564252	.1805207

#1	3.442799	.0114197	1.441321	-.010661	.0060751	45.34059	.6724955
#2	3.446464	.0111642	1.447010	-.008005	.0042918	45.30432	.6728026
#3	3.460383	.0123659	1.453276	-.005362	.0075637	45.12392	.6705649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041865	.0101853	50.57706	.0722485	.0558136	.2720766	98.58017
Stddev	.0000622	.0000377	.05861	.0001871	.0000922	.0021100	.03554
%RSD	1.486239	.3699078	.1158914	.2589753	.1651898	.7755312	.0360528

#1	.0042534	.0102287	50.59853	.0720950	.0558152	.2716060	98.60412
#2	.0041760	.0101608	50.51074	.0724569	.0559051	.2743822	98.59705
#3	.0041303	.0101664	50.62192	.0721935	.0557207	.2702416	98.53933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940866	31.65989	.0729930	.0009518	.4043543	.0924195	.6783388
Stddev	.006977	.08265	.0002014	.0000960	.0817182	.0014319	.0022790
%RSD	.1412183	.2610597	.2758562	10.08089	20.20956	1.549326	.3359738

#1	4.948598	31.67462	.0730683	.0008455	.4711145	.0908350	.6809514
#2	4.935038	31.73418	.0727649	.0009781	.3132232	.0936207	.6773065
#3	4.938962	31.57086	.0731459	.0010319	.4287252	.0928029	.6767586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.118858	3.731192	-.233208	.0036047	5.144750	10.98605	.0093959
Stddev	.017273	.024673	.001567	.0001229	.014114	.01252	.0011171
%RSD	.2822938	.6612571	.6717502	3.408083	.2743287	.1140009	11.88922

#1	6.113882	3.705836	-.232540	.0034638	5.128595	10.97163	.0104208
#2	6.104620	3.732621	-.232087	.0036898	5.150967	10.99236	.0082052
#3	6.138073	3.755119	-.234998	.0036604	5.154688	10.99417	.0095618

Sample Name: I6532-14 Acquired: 11/27/2017 16:11:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BQ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9765418	.1817367	.2636212
Stddev	.0012128	.0005748	.0007841
%RSD	.1241895	.3162947	.2974232

#1	.9772998	.1813057	.2643085
#2	.9771824	.1823894	.2637878
#3	.9751430	.1815150	.2627672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1632.860	2741.663	50423.25	7861.712	3471.469
Stddev	9.915	2.575	52.28	15.956	2.685
%RSD	.6072286	.0939354	.1036759	.2029609	.0773558

#1	1635.741	2742.241	50432.89	7855.197	3473.157
#2	1621.823	2743.901	50366.83	7850.044	3472.878
#3	1641.015	2738.848	50470.04	7879.895	3468.372

Sample Name: CCV091 Acquired: 11/27/2017 16:15:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915090	4.678874	24.84021	4.912480	4.829857	399.6935
Stddev	.010448	.016593	.05700	.010497	.012698	2.6888
%RSD	.2125605	.3546465	.2294722	.2136894	.2629012	.6727108

#1	4.914551	4.698034	24.80403	4.921090	4.825423	399.2000
#2	4.904922	4.669248	24.81067	4.900786	4.819971	397.2856
#3	4.925796	4.669339	24.90591	4.915564	4.844177	402.5948

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.330727	.4636665	2.527444	391.2650	15.30533	2.560972
Stddev	.081247	.0015652	.003453	1.1786	.03909	.004636
%RSD	.8707487	.3375631	.1366145	.3012344	.2553742	.1810086

#1	9.424354	.4647497	2.524603	391.3122	15.34939	2.556941
#2	9.278745	.4618720	2.526442	390.0634	15.29178	2.559937
#3	9.289084	.4643778	2.531287	392.4193	15.27482	2.566037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.91751	388.3506	14.26788	386.5225	2.408520	1.293451
Stddev	.03201	1.1240	.03250	1.3898	.002320	.002563
%RSD	.2300291	.2894252	.2277976	.3595637	.0963346	.1981723

#1	13.94328	388.0418	14.27432	386.3168	2.409692	1.291930
#2	13.88167	387.4133	14.23264	385.2471	2.405848	1.296410
#3	13.92758	389.5967	14.29668	388.0037	2.410020	1.292012

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	374.8963	2.260263	15.24612	137.9600	4.970024	F 4.101599
Stddev	1.8047	.009717	.06579	.1548	.018174	.010679
%RSD	.4813899	.4298978	.4315453	.1122321	.3656695	.2603620

#1	375.4305	2.263597	15.17015	138.0136	4.989978	4.095383
#2	372.8848	2.249319	15.28378	137.7855	4.954420	4.095484
#3	376.3737	2.267875	15.28444	138.0809	4.965675	4.113930

Sample Name: CCV091 Acquired: 11/27/2017 16:15:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.931280	5.085522	4.633453	4.726646	4.751312	4.720825
Stddev	.007389	.015484	.009863	.012563	.017122	.017967
%RSD	.1498362	.3044752	.2128747	.2657809	.3603591	.3805817

#1	4.924213	5.093687	4.632943	4.736911	4.762026	4.718582
#2	4.930674	5.067664	4.623854	4.712637	4.731565	4.704084
#3	4.938953	5.095215	4.643562	4.730389	4.760345	4.739807

Elem	Sr4077
Units	ppm
Avg	4.744634
Stddev	.027663
%RSD	.5830386

#1	4.712742
#2	4.759029
#3	4.762132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.000	2154.496	39506.41	6641.373	2515.273
Stddev	7.889	5.670	84.26	13.473	8.229
%RSD	.6162896	.2631487	.2132696	.2028663	.3271494

#1	1289.014	2157.943	39424.83	6636.221	2518.223
#2	1276.630	2157.593	39501.31	6656.662	2521.620
#3	1274.357	2147.953	39593.10	6631.236	2505.976

Sample Name: CCB091 Acquired: 11/27/2017 16:24:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009808	.0003027	.0005796	.0001150	.0005226	.0031775	-.000652
Stddev	.0012171	.0006858	.0007370	.0016850	.0004414	.0043006	.000205
%RSD	124.1032	226.5199	127.1550	1465.270	84.45675	135.3474	31.39240

#1	.0008153	-.000143	-.000260	-.001338	.0008161	-.001662	-.000416
#2	.0022722	.001092	.001122	-.000280	.0000150	.006563	-.000765
#3	-.000145	-.000041	.000877	.001962	.0007367	.004631	-.000776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000123	-.000055	.0008663	-.000349	-.000080	.0010682	.0005015
Stddev	.0000086	.000057	.0073642	.000271	.000178	.0008619	.0053454
%RSD	70.32686	104.0301	850.1082	77.65637	222.9257	80.68160	1065.949

#1	.0000213	-.000096	-.006527	-.000594	-.000273	.0020537	-.004933
#2	.0000114	-.000080	.008201	-.000058	.000076	.0004549	.000684
#3	.0000041	.000010	.000925	-.000395	-.000042	.0006962	.005753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000347	.0066615	.0001001	.0004869	-.095839	-.003157	-.000897
Stddev	.000383	.0156483	.0001127	.0003647	.110599	.000734	.002268
%RSD	110.3124	234.9078	112.5405	74.90455	115.4003	23.24374	252.8926

#1	-.000102	.0164181	-.000011	.0008848	-.092117	-.003439	.001706
#2	-.000151	-.011388	.000096	.0001686	.012851	-.003709	-.002449
#3	-.000788	.014954	.000215	.0004072	-.208252	-.002324	-.001947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066702	-.001606	.0007368	.0002216	.0001859	.0002159	-.000556
Stddev	.020381	.001807	.0004232	.0001974	.0022984	.0015364	.000414
%RSD	30.55543	112.4729	57.44576	89.08692	1236.516	711.5451	74.42506

#1	-.086430	.000161	.0012253	.0000111	-.002340	-.000657	-.000306
#2	-.067951	-.003450	.0004825	.0002510	.000744	-.000685	-.000329
#3	-.045725	-.001530	.0005024	.0004026	.002154	.001990	-.001034

Sample Name: CCB091 Acquired: 11/27/2017 16:24:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000013	-.005501	-.000031
Stddev	.001051	.000249	.000022
%RSD	7972.565	4.533889	71.15273

#1	.000073	-.005299	-.000008
#2	-.001104	-.005424	-.000034
#3	.000992	-.005780	-.000052

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.830	2729.366	48827.88	7106.595	4005.827
Stddev	2.434	14.474	291.86	19.936	4.157
%RSD	.1494190	.5303036	.5977387	.2805280	.1037722

#1	1629.684	2713.425	48747.90	7113.630	4001.119
#2	1626.084	2732.989	48584.35	7084.095	4007.374
#3	1630.722	2741.684	49151.40	7122.060	4008.989

Sample Name: I6532-15 Acquired: 11/27/2017 16:28:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.784097	.0095611	1.235430	-.008018	.0068825	47.62639	.7351230
Stddev	.007025	.0022853	.003570	.002703	.0012245	.34007	.0020913
%RSD	.1856442	23.90157	.2889614	33.70989	17.79200	.7140288	.2844870

#1	3.787703	.0084879	1.237736	-.005866	.0079010	47.24673	.7328877
#2	3.776001	.0080100	1.231318	-.007137	.0072225	47.90303	.7370320
#3	3.788586	.0121854	1.237236	-.011052	.0055239	47.72943	.7354493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040971	.0085008	63.24361	.0683182	.0572773	.2538888	102.4752
Stddev	.0000881	.0001002	.36123	.0002653	.0002968	.0031190	.7310
%RSD	2.150101	1.179152	.5711702	.3883507	.5182140	1.228501	.7133683

#1	.0040382	.0084645	62.82651	.0680927	.0574414	.2504537	101.6432
#2	.0040547	.0084238	63.45027	.0686105	.0569347	.2565436	103.0144
#3	.0041984	.0086141	63.45406	.0682514	.0574559	.2546692	102.7681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.914859	39.08234	.0739699	.0007284	.4028062	.0896290	.6136739
Stddev	.032126	.19978	.0005556	.0001641	.0679442	.0031494	.0032316
%RSD	.5431399	.5111726	.7511706	22.52607	16.86772	3.513853	.5266028

#1	5.878077	38.85216	.0741802	.0006113	.3626631	.0886007	.6117513
#2	5.937420	39.21065	.0743896	.0006578	.3645012	.0871222	.6174049
#3	5.929080	39.18420	.0733398	.0009159	.4812542	.0931640	.6118656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.799709	4.069014	-.231053	.0033078	4.996181	10.03485	.0063768
Stddev	.059169	.026814	.002033	.0003568	.020431	.08851	.0009951
%RSD	.6037840	.6589838	.8798761	10.78763	.4089403	.8820329	15.60498

#1	9.731391	4.098812	-.228806	.0033888	5.019760	9.93353	.0052286
#2	9.833246	4.061400	-.232764	.0029174	4.983694	10.07393	.0069139
#3	9.834491	4.046830	-.231590	.0036171	4.985091	10.09710	.0069880

Sample Name: I6532-15 Acquired: 11/27/2017 16:28:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.064326	.1970311	.3073068
Stddev	.006372	.0003953	.0019781
%RSD	.5987021	.2006121	.6436964

#1	1.057026	.1965970	.3050456
#2	1.067175	.1971262	.3087168
#3	1.068777	.1973701	.3081581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1620.894	2698.360	49935.59	7776.289	3405.673
Stddev	10.618	15.932	195.88	59.208	18.442
%RSD	.6550980	.5904223	.3922596	.7613902	.5415139

#1	1609.298	2689.955	49765.55	7844.498	3393.991
#2	1623.244	2716.734	49891.46	7738.157	3426.934
#3	1630.142	2688.392	50149.77	7746.213	3396.094

Sample Name: I6532-16 Acquired: 11/27/2017 16:32:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.522701	.0153304	1.492324	-.014176	.0063995	57.07182	.9076529
Stddev	.009321	.0021929	.004499	.003253	.0009681	.05413	.0022302
%RSD	.3694816	14.30445	.3014453	22.94692	15.12851	.0948445	.2457120

#1	2.527455	.0142051	1.496100	-.017822	.0074428	57.11200	.9064745
#2	2.511961	.0139285	1.493524	-.011570	.0062258	57.01027	.9102251
#3	2.528686	.0178575	1.487347	-.013135	.0055300	57.09318	.9062591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052169	.0096883	79.89944	.0769957	.0670623	.2769998	121.0053
Stddev	.0000493	.0001384	.44076	.0002886	.0005282	.0033995	.4364
%RSD	.9453450	1.428558	.5516448	.3747907	.7876658	1.227264	.3606495

#1	.0052738	.0095306	80.19227	.0770915	.0669069	.2731389	121.1571
#2	.0051904	.0097443	79.39252	.0766714	.0676508	.2783161	120.5133
#3	.0051866	.0097898	80.11352	.0772241	.0666292	.2795442	121.3456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.473524	59.04895	.0934532	.0009520	.4479367	.1037750	.6189714
Stddev	.024313	.21663	.0004185	.0001334	.0687299	.0021541	.0084942
%RSD	.5434897	.3668578	.4478599	14.01773	15.34366	2.075769	1.372304

#1	4.485406	59.12496	.0937313	.0011060	.3705080	.1018849	.6287497
#2	4.445555	58.80456	.0929718	.0008712	.4715714	.1061204	.6147460
#3	4.489611	59.21732	.0936564	.0008788	.5017306	.1033197	.6134186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40584	4.568295	-.288472	.0033725	5.104906	10.72489	.0293090
Stddev	.04339	.019527	.002209	.0001049	.016723	.08111	.0002976
%RSD	.2816422	.4274388	.7656267	3.109852	.3275906	.7562585	1.015493

#1	15.45172	4.590778	-.289554	.0033378	5.122363	10.77283	.0290200
#2	15.40033	4.558538	-.285931	.0032895	5.089028	10.63124	.0292925
#3	15.36546	4.555571	-.289931	.0034904	5.103328	10.77059	.0296146

Sample Name: I6532-16 Acquired: 11/27/2017 16:32:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.411174	.2927515	.2508615
Stddev	.008405	.0012202	.0004446
%RSD	.5955779	.4168055	.1772335

#1	1.409782	.2933015	.2503545
#2	1.403553	.2936000	.2511851
#3	1.420189	.2913531	.2510449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.615	2747.936	50356.70	7928.628	3315.669
Stddev	16.485	12.713	101.97	60.068	11.578
%RSD	1.003575	.4626295	.2025024	.7576045	.3492010

#1	1627.925	2734.695	50329.79	7872.188	3302.522
#2	1639.476	2749.067	50270.88	7991.762	3320.139
#3	1660.444	2760.045	50469.43	7921.934	3324.346

Sample Name: I6532-17 Acquired: 11/27/2017 16:36:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.000540	.0135089	1.574231	-.014414	.0060720	58.70097	.9380707
Stddev	.006774	.0011358	.007409	.001976	.0018857	.24212	.0014890
%RSD	.3385970	8.407773	.4706706	13.70897	31.05599	.4124549	.1587289

#1	1.999380	.0144083	1.571815	-.012923	.0046309	58.85319	.9397855
#2	1.994421	.0138858	1.568331	-.016656	.0053790	58.42178	.9371048
#3	2.007818	.0122325	1.582546	-.013664	.0082062	58.82795	.9373219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052960	.0092630	93.00078	.0707136	.0659456	.2898233	117.2613
Stddev	.0001338	.0001429	.16850	.0007216	.0002326	.0014954	.3697
%RSD	2.526954	1.542514	.1811775	1.020497	.3527203	.5159508	.3152465

#1	.0051513	.0091895	92.86208	.0713881	.0656914	.2908040	117.3992
#2	.0054153	.0091719	92.95196	.0708001	.0659973	.2881022	116.8425
#3	.0053215	.0094277	93.18830	.0699526	.0661479	.2905638	117.5422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.177177	61.27425	.0925031	.0010870	.4473150	.1069509	.6164344
Stddev	.015493	.16123	.0002715	.0001783	.1223254	.0020579	.0082183
%RSD	.3708999	.2631277	.2934916	16.39835	27.34660	1.924118	1.333204

#1	4.178072	61.39227	.0926939	.0011139	.4601029	.1093269	.6132985
#2	4.161255	61.09055	.0921923	.0008969	.5627442	.1057858	.6102458
#3	4.192203	61.33994	.0926231	.0012503	.3190980	.1057399	.6257590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21742	4.734806	-.275018	.0035246	5.296145	11.60552	.0101392
Stddev	.11265	.001332	.001273	.0002693	.017060	.04405	.0010148
%RSD	.7402998	.0281250	.4627505	7.639805	.3221219	.3795424	10.00813

#1	15.31038	4.735993	-.274441	.0037448	5.287715	11.63437	.0098819
#2	15.09214	4.735059	-.274135	.0036046	5.284942	11.55482	.0112579
#3	15.24974	4.733366	-.276476	.0032244	5.315780	11.62737	.0092779

Sample Name: I6532-17 Acquired: 11/27/2017 16:36:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.449322	.3076939	.3657271
Stddev	.005608	.0007107	.0024530
%RSD	.3869586	.2309619	.6707294

#1	1.455796	.3081983	.3679807
#2	1.446206	.3080023	.3631142
#3	1.445963	.3068811	.3660863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.960	2738.093	50673.40	7977.456	3298.267
Stddev	8.892	8.771	83.46	28.864	6.947
%RSD	.5392268	.3203308	.1647075	.3618241	.2106217

#1	1658.776	2729.733	50662.77	7968.409	3295.832
#2	1646.659	2747.224	50761.67	8009.760	3306.104
#3	1641.445	2737.322	50595.76	7954.198	3292.865

Sample Name: I6532-18 Acquired: 11/27/2017 16:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.636277	.0115867	1.282249	-.013260	.0065476	53.73565	.8656178
Stddev	.005181	.0001348	.001927	.001734	.0010055	.23680	.0033098
%RSD	.3166100	1.163340	.1502978	13.07539	15.35728	.4406739	.3823597

#1	1.642212	.0114368	1.283490	-.011360	.0075854	53.46397	.8620230
#2	1.632661	.0116253	1.283228	-.014757	.0064797	53.84469	.8685389
#3	1.633957	.0116980	1.280028	-.013663	.0055777	53.89828	.8662915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048856	.0083461	86.53246	.0649414	.0611798	.2487551	108.9115
Stddev	.0000974	.0000827	.37081	.0009625	.0001537	.0044686	.4528
%RSD	1.992699	.9907415	.4285197	1.482189	.2512675	1.796402	.4157637

#1	.0048852	.0083824	86.36863	.0640058	.0613571	.2436100	108.5394
#2	.0049832	.0082515	86.95697	.0659288	.0610979	.2516670	109.4157
#3	.0047884	.0084044	86.27179	.0648897	.0610844	.2509882	108.7793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.956389	59.10276	.0857206	.0008498	.4735719	.0986079	.5533845
Stddev	.020457	.20871	.0007116	.0003162	.1203601	.0008741	.0052039
%RSD	.5170514	.3531259	.8301147	37.20520	25.41539	.8864786	.9403814

#1	3.937148	58.89025	.0851511	.0004848	.5557597	.0992973	.5570239
#2	3.977876	59.30745	.0865183	.0010378	.3354190	.0976247	.5474239
#3	3.954143	59.11059	.0854924	.0010267	.5295368	.0989017	.5557058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64201	4.448129	-.254509	.0029648	4.738763	11.99483	.0092049
Stddev	.08592	.022789	.003119	.0000590	.018823	.07980	.0003873
%RSD	.5867942	.5123285	1.225404	1.989937	.3972124	.6652640	4.207859

#1	14.54566	4.426474	-.252534	.0029241	4.728152	11.97951	.0093440
#2	14.66971	4.471904	-.258104	.0029379	4.760495	12.08118	.0095034
#3	14.71067	4.446009	-.252888	.0030325	4.727640	11.92381	.0087672

Sample Name: I6532-18 Acquired: 11/27/2017 16:40:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BR1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.395011	.2785836	.3400535
Stddev	.007744	.0020613	.0011529
%RSD	.5551300	.7399079	.3390246

#1	1.387928	.2762193	.3387376
#2	1.403280	.2795284	.3408856
#3	1.393826	.2800031	.3405374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.001	2733.776	50264.05	7918.685	3324.678
Stddev	2.000	12.844	122.15	37.853	11.464
%RSD	.1221644	.4698280	.2430078	.4780185	.3448216

#1	1637.684	2719.554	50185.77	7923.476	3312.036
#2	1634.749	2737.242	50404.80	7878.665	3327.600
#3	1638.570	2744.531	50201.59	7953.915	3334.398

Sample Name: I6532-19 Acquired: 11/27/2017 16:44:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.839515	.0135681	1.428093	-.012748	.0076527	53.30527	.8387800
Stddev	.008280	.0008652	.010476	.001567	.0012819	.47541	.0044928
%RSD	.4501154	6.376706	.7335733	12.29362	16.75117	.8918538	.5356301

#1	1.836937	.0140623	1.422166	-.012470	.0080695	53.22124	.8388503
#2	1.832832	.0125691	1.421924	-.014436	.0086744	53.81708	.8432371
#3	1.848778	.0140728	1.440189	-.011339	.0062143	52.87748	.8342525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049463	.0091450	75.47776	.0705064	.0641043	.2775480	111.9981
Stddev	.0000941	.0001315	.39955	.0005151	.0003961	.0033487	.5516
%RSD	1.902354	1.438416	.5293628	.7305529	.6178804	1.206538	.4925426

#1	.0048382	.0091809	75.72846	.0700421	.0637292	.2760823	112.0474
#2	.0049902	.0089992	75.68783	.0710604	.0640654	.2813797	112.5235
#3	.0050104	.0092548	75.01699	.0704166	.0645185	.2751821	111.4235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.876977	53.04077	.0893694	.0009342	.4036532	.1000821	.6190263
Stddev	.018844	.16189	.0000913	.0000394	.0699650	.0034881	.0046238
%RSD	.4860450	.3052180	.1021312	4.216467	17.33296	3.485201	.7469517

#1	3.885244	53.06519	.0894700	.0009190	.4841809	.1008308	.6239231
#2	3.890275	53.18906	.0892918	.0009048	.3690086	.1031350	.6184209
#3	3.855413	52.86806	.0893464	.0009790	.3577702	.0962805	.6147351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.36231	4.713542	-.261854	.0025875	5.482723	10.78619	.0076400
Stddev	.13869	.042010	.000663	.0003764	.043689	.06024	.0017369
%RSD	1.037943	.8912530	.2530065	14.54743	.7968540	.5584796	22.73379

#1	13.29712	4.722206	-.262073	.0021562	5.501016	10.79846	.0071470
#2	13.52159	4.667876	-.262378	.0027565	5.432860	10.83935	.0062029
#3	13.26822	4.750544	-.261109	.0028498	5.514292	10.72076	.0095700

Sample Name: I6532-19 Acquired: 11/27/2017 16:44:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.307733	.2628954	.3767965
Stddev	.008270	.0011502	.0029012
%RSD	.6323751	.4374915	.7699727

#1	1.308957	.2618659	.3760605
#2	1.315322	.2641367	.3799949
#3	1.298919	.2626835	.3743342

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1653.955	2756.017	50673.99	7939.108	3343.148
Stddev	11.619	9.941	77.04	23.580	9.106
%RSD	.7025086	.3606872	.1520240	.2970151	.2723729

#1	1642.716	2744.547	50651.77	7937.953	3340.861
#2	1665.920	2762.142	50610.50	7916.126	3353.179
#3	1653.228	2761.362	50759.69	7963.244	3335.403

Sample Name: I6532-20 Acquired: 11/27/2017 16:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.423650	.0139876	1.281594	-.011282	.0055561	56.04419	.5836626
Stddev	.004303	.0004506	.004074	.000221	.0017984	.23642	.0005627
%RSD	.3022456	3.221321	.3178864	1.954900	32.36776	.4218440	.0964025

#1	1.420642	.0144908	1.285071	-.011536	.0056130	56.05864	.5840533
#2	1.421731	.0136213	1.277111	-.011147	.0073254	56.27306	.5839169
#3	1.428579	.0138507	1.282600	-.011162	.0037300	55.80088	.5830177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041958	.0077241	46.57899	.0632612	.0485260	.2353958	102.6895
Stddev	.0001149	.0000497	.09011	.0013880	.0003436	.0012454	.2644
%RSD	2.737937	.6439872	.1934579	2.194094	.7081019	.5290581	.2574561

#1	.0041234	.0076732	46.47962	.0627615	.0486515	.2360567	102.7888
#2	.0043283	.0077265	46.65540	.0621923	.0481372	.2361715	102.8897
#3	.0041358	.0077726	46.60195	.0648299	.0487892	.2339593	102.3898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.870362	42.86521	.0759400	.0009945	.3886060	.1064583	.6240663
Stddev	.002217	.14785	.0004434	.0002659	.1165897	.0031589	.0077908
%RSD	.0772471	.3449289	.5838148	26.73650	30.00204	2.967280	1.248398

#1	2.872451	42.82781	.0764421	.0012913	.4838091	.1091198	.6328304
#2	2.868035	43.02817	.0757756	.0007781	.4234388	.1072878	.6214421
#3	2.870601	42.73965	.0756024	.0009141	.2585700	.1029675	.6179264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.596574	4.177879	-.240464	.0026139	5.538403	10.93068	.0071107
Stddev	.025740	.018092	.001735	.0001511	.024603	.06424	.0010730
%RSD	.2682220	.4330390	.7215145	5.781284	.4442243	.5877041	15.09054

#1	9.573135	4.173284	-.241977	.0024484	5.547999	10.94648	.0079369
#2	9.624121	4.162529	-.240846	.0026487	5.510447	10.98555	.0058979
#3	9.592465	4.197826	-.238570	.0027446	5.556761	10.86002	.0074973

Sample Name: I6532-20 Acquired: 11/27/2017 16:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.379657	.3492193	.2444593
Stddev	.005696	.0016540	.0010404
%RSD	.4128839	.4736222	.4255961

#1	1.377144	.3503090	.2451698
#2	1.386178	.3500327	.2449429
#3	1.375649	.3473161	.2432651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.458	2777.964	51092.82	7954.135	3491.121
Stddev	2.700	7.231	27.65	43.053	7.107
%RSD	.1615239	.2602954	.0541106	.5412626	.2035749

#1	1668.820	2780.956	51066.37	7941.067	3494.019
#2	1671.337	2783.219	51090.55	7919.129	3496.321
#3	1674.216	2769.717	51121.53	8002.207	3483.023

Sample Name: I6532-21 Acquired: 11/27/2017 16:52:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.168173	.0135739	1.025579	-.007017	.0050642	56.84501	.5441263
Stddev	.001384	.0006940	.003260	.002536	.0013643	.24595	.0018602
%RSD	.1184341	5.112755	.3178547	36.14539	26.93980	.4326639	.3418762

#1	1.167590	.0128299	1.024589	-.009389	.0041644	57.12800	.5448899
#2	1.167176	.0136880	1.022929	-.004343	.0066339	56.72423	.5454832
#3	1.169752	.0142038	1.029219	-.007319	.0043943	56.68281	.5420057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041567	.0074903	41.34442	.0689276	.0483180	.2079007	98.00894
Stddev	.0000558	.0001252	.21593	.0004472	.0001531	.0003468	.55127
%RSD	1.343176	1.671605	.5222797	.6488199	.3168827	.1668093	.5624644

#1	.0041286	.0073460	41.56878	.0685375	.0484108	.2079432	98.53643
#2	.0041205	.0075555	41.13803	.0688297	.0484020	.2075347	97.43664
#3	.0042210	.0075695	41.32645	.0694157	.0481413	.2082244	98.05375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.914062	44.32719	.0776136	.0008413	.3328343	.1017533	.5637231
Stddev	.017150	.21110	.0002947	.0002728	.0257663	.0015942	.0059489
%RSD	.5885132	.4762323	.3797329	32.43070	7.741471	1.566748	1.055297

#1	2.933392	44.57079	.0773517	.0006371	.3099150	.1032665	.5695688
#2	2.900673	44.21294	.0779327	.0011511	.3607235	.1019047	.5576760
#3	2.908120	44.19783	.0775564	.0007356	.3278644	.1000889	.5639246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14362	4.006157	-.229114	.0023065	4.864697	10.32681	.0065154
Stddev	.03366	.003226	.001376	.0001159	.023988	.05253	.0013290
%RSD	.3318406	.0805230	.6007235	5.022893	.4930957	.5086292	20.39816

#1	10.17805	4.008570	-.230693	.0021764	4.876318	10.38652	.0064464
#2	10.11078	4.002493	-.228475	.0023442	4.837112	10.28772	.0052223
#3	10.14205	4.007407	-.228173	.0023987	4.880661	10.30621	.0078777

Sample Name: I6532-21 Acquired: 11/27/2017 16:52:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BR4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.427106	.3828464	.2337439
Stddev	.004432	.0016935	.0011438
%RSD	.3105319	.4423390	.4893544

#1	1.431961	.3816119	.2350339
#2	1.423279	.3847770	.2328536
#3	1.426077	.3821502	.2333440

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.357	2771.618	50940.84	7966.476	3500.699
Stddev	6.914	11.236	48.80	35.589	7.093
%RSD	.4161885	.4053795	.0958014	.4467353	.2026063

#1	1658.876	2782.079	50943.62	7929.643	3506.296
#2	1669.170	2773.034	50988.19	8000.674	3503.079
#3	1656.026	2759.742	50890.71	7969.110	3492.723

Sample Name: I6532-22 Acquired: 11/27/2017 16:56:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9395085	.0116073	1.161884	-.006950	.0055573	39.88962	.5398948
Stddev	.0071105	.0008607	.003273	.001664	.0003853	.33628	.0028438
%RSD	.7568339	7.414737	.2816617	23.94654	6.933047	.8430290	.5267268

#1	.9449741	.0125825	1.159759	-.005210	.0052563	39.59850	.5382082
#2	.9314696	.0109541	1.160241	-.007113	.0054241	40.25771	.5431781
#3	.9420819	.0112852	1.165653	-.008526	.0059915	39.81265	.5382981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032633	.0068180	54.11315	.0558758	.0384583	.2186257	78.84119
Stddev	.0000905	.0001275	.34142	.0003247	.0000737	.0005688	.59767
%RSD	2.773378	1.870032	.6309428	.5810685	.1915883	.2601838	.7580710

#1	.0033348	.0068022	53.72232	.0556932	.0383990	.2179690	78.15767
#2	.0031615	.0066991	54.35338	.0556834	.0384351	.2189452	79.26544
#3	.0032935	.0069526	54.26376	.0562506	.0385408	.2189630	79.10048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.836998	31.55971	.0591364	.0009075	.3005538	.0791892	.5898742
Stddev	.022606	.20544	.0004043	.0002909	.1032287	.0045199	.0067017
%RSD	.7968124	.6509440	.6837363	32.06041	34.34618	5.707702	1.136122

#1	2.812248	31.37018	.0595789	.0011923	.4189079	.0741045	.5854413
#2	2.856556	31.77802	.0590443	.0006107	.2291129	.0827507	.5865974
#3	2.842190	31.53092	.0587861	.0009195	.2536405	.0807124	.5975838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.377166	3.844096	-.172208	.0031215	5.666411	9.739810	.0074732
Stddev	.035093	.009556	.001117	.0002174	.017585	.060309	.0010679
%RSD	.5502958	.2485878	.6486406	6.965114	.3103426	.6191965	14.29012

#1	6.357280	3.840913	-.170925	.0029066	5.657482	9.694756	.0073829
#2	6.417686	3.854838	-.172958	.0031165	5.686669	9.808323	.0064533
#3	6.356532	3.836538	-.172743	.0033414	5.655081	9.716352	.0085835

Sample Name: I6532-22 Acquired: 11/27/2017 16:56:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9936943	.2067333	.4459016
Stddev	.0056856	.0014367	.0021798
%RSD	.5721698	.6949667	.4888432

#1	.9872210	.2059320	.4437115
#2	.9959828	.2083919	.4480709
#3	.9978790	.2058758	.4459226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.282	2712.877	49981.05	7775.603	3528.608
Stddev	11.158	6.985	251.82	47.518	3.844
%RSD	.6848302	.2574858	.5038239	.6111175	.1089418

#1	1638.531	2704.859	50209.56	7830.422	3524.226
#2	1632.426	2717.648	50022.51	7746.173	3531.412
#3	1616.890	2716.124	49711.07	7750.213	3530.184

Sample Name: PB104541BL Acquired: 11/27/2017 17:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020904	.0009359	.0010416	.0022202	-.000252	.0023120	-.000843
Stddev	.0016410	.0004693	.0005626	.0039765	.000822	.0023546	.000164
%RSD	78.49978	50.14010	54.01880	179.1080	325.8968	101.8432	19.41872

#1	.0003926	.0014679	.0016680	-.001204	.000011	.0044155	-.000697
#2	.0022108	.0007590	.0008773	.006581	.000406	-.000232	-.001020
#3	.0036678	.0005808	.0005793	.001284	-.001174	.002752	-.000812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0000011	.0044272	-.000157	-.000132	.0021577	.0006509
Stddev	.000071	.0000731	.0069926	.000320	.000211	.0009598	.0071147
%RSD	1858.301	6614.507	157.9466	204.4435	159.9448	44.48497	1093.097

#1	.000051	-.000058	.0052787	-.000174	-.000144	.0018158	-.006576
#2	-.000084	-.000022	-.002952	.000172	.000085	.0032416	.007648
#3	.000021	.000083	.010955	-.000468	-.000337	.0014156	.000881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000098	.0019278	-.000031	.0004467	-.129385	-.000205	-.002461
Stddev	.000282	.0102636	.000271	.0001566	.281195	.002079	.003492
%RSD	288.9302	532.4133	883.2335	35.06030	217.3322	1015.865	141.9184

#1	-.000073	.0137716	.000281	.0005054	-.371404	.001282	-.003011
#2	-.000391	-.003629	-.000205	.0005655	.179083	.000685	-.005644
#3	.000171	-.004360	-.000168	.0002692	-.195834	-.002581	.001274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136603	-.001365	-.002724	-.000035	.0051984	-.000332	-.000659
Stddev	.020456	.001515	.001086	.000196	.0027185	.000221	.000177
%RSD	14.97470	111.0424	39.87231	554.5696	52.29515	66.60202	26.83707

#1	-.148858	-.001673	-.001470	.000190	.0074430	-.000081	-.000860
#2	-.147963	-.002702	-.003347	-.000128	.0059766	-.000497	-.000526
#3	-.112988	.000281	-.003355	-.000168	.0021757	-.000419	-.000591

Sample Name: PB104541BL Acquired: 11/27/2017 17:00:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000868	-.012275	-.000017
Stddev	.0007319	.000431	.000042
%RSD	842.8151	3.508759	249.1733

#1	-.000275	-.012609	.000020
#2	-.000394	-.011789	-.000008
#3	.000929	-.012426	-.000062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1630.742	2747.350	48828.84	7139.731	4025.672
Stddev	1.048	7.062	79.64	26.005	12.358
%RSD	.0642899	.2570379	.1630991	.3642310	.3069847

#1	1629.565	2739.481	48824.57	7126.124	4011.676
#2	1631.081	2753.136	48910.52	7169.716	4035.079
#3	1631.578	2749.433	48751.42	7123.353	4030.261

Sample Name: PB104541BS Acquired: 11/27/2017 17:04:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235329	.0586871	.0220456	.0751388	.1241918	.4690629
Stddev	.0041988	.0022244	.0010076	.0003433	.0009546	.0047574
%RSD	17.84231	3.790306	4.570536	.4568888	.7686793	1.014246

#1	.0186860	.0574601	.0230261	.0753904	.1239810	.4664554
#2	.0260602	.0612548	.0220976	.0747477	.1233602	.4661793
#3	.0258525	.0573464	.0210129	.0752782	.1252342	.4745541

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4135259	.0110566	.0106440	10.75544	.0247665	.1046130
Stddev	.0010451	.0000559	.0000456	.05918	.0003844	.0002598
%RSD	.2527293	.5058747	.4284211	.5502476	1.552111	.2482914

#1	.4142126	.0109934	.0106917	10.82279	.0243505	.1049120
#2	.4140419	.0110769	.0106394	10.73176	.0251085	.1044843
#3	.4123231	.0110996	.0106009	10.71176	.0248406	.1044428

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581693	F .2619048	.0347751	10.34951	.0827727	.0236753
Stddev	.0011888	.0025048	.0005953	.01409	.0001592	.0002717
%RSD	2.043681	.9563657	1.711839	.1361802	.1922819	1.147448

#1	.0569317	.2593330	.0354567	10.36544	.0826556	.0233972
#2	.0593024	.2643366	.0345113	10.33867	.0829539	.0236886
#3	.0582739	.2620449	.0343573	10.34442	.0827085	.0239401

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08985	.1066463	.1326292	9.324764	F .0315241	F .0225410
Stddev	.08898	.0019919	.0032146	.036773	.0022079	.0005587
%RSD	.8819137	1.867728	2.423733	.3943595	7.003957	2.478782

#1	10.18591	.1043471	.1318374	9.366076	.0322116	.0228517
#2	10.01023	.1078500	.1361656	9.295608	.0333065	.0228753
#3	10.07342	.1077417	.1298845	9.312608	.0290542	.0218960

Sample Name: PB104541BS Acquired: 11/27/2017 17:04:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231605	.1977154	.2266424	F .0123452	.2130100	.0838376
Stddev	.0003058	.0035080	.0004770	.0003171	.0011787	.0001968
%RSD	1.320246	1.774248	.2104612	2.568835	.5533428	.2347474

#1	.0233653	.1936650	.2269984	.0120910	.2143150	.0839582
#2	.0228090	.1996983	.2261005	.0122439	.2120229	.0839441
#3	.0233072	.1997829	.2268284	.0127006	.2126922	.0836105

Elem	Sr4077
Units	ppm
Avg	.2123807
Stddev	.0007458
%RSD	.3511587

#1	.2124564
#2	.2115999
#3	.2130857

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1578.345	2658.872	46845.44	7020.231	3752.742
Stddev	6.924	9.532	95.45	5.954	7.977
%RSD	.4386651	.3585063	.2037531	.0848157	.2125645

#1	1573.824	2659.839	46904.42	7014.008	3747.629
#2	1586.316	2667.884	46896.59	7025.874	3761.933
#3	1574.895	2648.894	46735.32	7020.810	3748.663

Sample Name: PB104540BL Acquired: 11/27/2017 17:08:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	-.000483	.0005615	.0003816	.0005106	-.000735	.0013995	-.000783
Stddev	.001137	.0013922	.0011120	.0018935	.001042	.0031111	.000132
%RSD	235.4646	247.9259	291.4183	370.8730	141.8102	222.2949	16.90674

#1	-.000782	.0009647	.0016350	-.001599	-.000829	-.000757	-.000907
#2	-.001441	.0017077	-.000004	.001067	-.001727	-.000011	-.000644
#3	.000774	-.000988	-.000486	.002064	.000351	.004966	-.000797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000586	-.000048	.0023905	-.000217	-.000190	.0022115	.0011707
Stddev	.0000716	.000073	.0022847	.000320	.000287	.0007370	.0062424
%RSD	122.0473	152.0220	95.57344	147.0591	150.7841	33.32516	533.2265

#1	-.000019	-.000126	.0025415	-.000461	.000138	.0027321	-.002291
#2	.000072	-.000038	.0000341	-.000336	-.000394	.0013682	-.002574
#3	.000123	.000020	.0045960	.000145	-.000315	.0025342	.008377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001940	-.003790	.0002603	.0004453	-.079667	-.002327	-.001751
Stddev	.0003080	.036088	.0001192	.0001987	.202207	.002108	.003425
%RSD	158.7903	952.2938	45.77351	44.62917	253.8163	90.61975	195.6126

#1	.0005392	-.043187	.0001262	.0002191	-.013728	-.002329	.001769
#2	-.000053	.027668	.0003007	.0005246	.081341	-.000217	-.001948
#3	.000095	.004150	.0003540	.0005921	-.306613	-.004434	-.005073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.102658	.0013779	-.002733	.0001370	.0010108	-.002019	-.001132
Stddev	.038455	.0008473	.000460	.0001226	.0040204	.000437	.000769
%RSD	37.45973	61.49237	16.82848	89.49904	397.7365	21.62394	67.89305

#1	-.138840	.0012203	-.003151	.0000944	.0047190	-.002420	-.001837
#2	-.062274	.0006204	-.002809	.0000414	.0015756	-.001554	-.001247
#3	-.106861	.0022928	-.002240	.0002752	-.003262	-.002084	-.000313

Sample Name: PB104540BL Acquired: 11/27/2017 17:08:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	-.000196	-.013645	-.000050
Stddev	.000621	.000753	.000046
%RSD	317.3875	5.519289	92.29853

#1	.000140	-.014191	.000001
#2	.000185	-.012786	-.000087
#3	-.000912	-.013957	-.000063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.221	2743.696	48584.56	7083.856	4017.382
Stddev	5.032	10.931	144.96	19.578	9.803
%RSD	.3080872	.3983989	.2983639	.2763720	.2440089

#1	1633.370	2731.606	48442.42	7061.279	4013.706
#2	1628.117	2752.880	48579.06	7096.156	4028.491
#3	1638.177	2746.604	48732.18	7094.132	4009.948

Sample Name: PB104418BS Acquired: 11/27/2017 17:12:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0226403	.0535253	.0191191	.0714484	.1128615	.4205723
Stddev	.0013348	.0008228	.0011242	.0032338	.0015475	.0075849
%RSD	5.895520	1.537252	5.879931	4.526050	1.371141	1.803476

#1	.0233902	.0531601	.0178337	.0683239	.1110750	.4118141
#2	.0234314	.0544675	.0196044	.0712399	.1137895	.4249102
#3	.0210992	.0529482	.0199191	.0747814	.1137199	.4249925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3811770	.0101257	.0097423	9.858824	.0220329	.0956398
Stddev	.0008466	.0000738	.0000243	.068481	.0002450	.0001574
%RSD	.2220970	.7291232	.2497023	.6946205	1.111750	.1645344

#1	.3819619	.0100461	.0097637	9.784846	.0217608	.0954666
#2	.3812893	.0101919	.0097472	9.871623	.0221018	.0956790
#3	.3802799	.0101392	.0097158	9.920003	.0222359	.0957739

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503274	.2146841	.0315438	9.503614	.0757734	.0216209
Stddev	.0010154	.0049625	.0008226	.032646	.0006152	.0002106
%RSD	2.017557	2.311516	2.607874	.3435107	.8118368	.9741412

#1	.0492136	.2091093	.0322988	9.502346	.0763823	.0214259
#2	.0505671	.2163237	.0316655	9.471620	.0751521	.0218443
#3	.0512015	.2186192	.0306671	9.536875	.0757858	.0215925

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.281796	.0993989	.1149681	8.694042	F .0267007	F .0200983
Stddev	.062541	.0017337	.0045214	.060550	.0013598	.0002382
%RSD	.6738002	1.744174	3.932750	.6964533	5.092872	1.185209

#1	9.340284	.1013574	.1113412	8.763938	.0281766	.0198716
#2	9.289236	.0980605	.1135292	8.660576	.0264271	.0200768
#3	9.215868	.0987789	.1200338	8.657612	.0254986	.0203466

Sample Name: PB104418BS Acquired: 11/27/2017 17:12:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) 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	.0213326	.1753909	.2071987	F .0112348	.1962106	.0760355
Stddev	.0002870	.0037628	.0013570	.0007305	.0003625	.0015735
%RSD	1.345492	2.145375	.6549287	6.501675	.1847371	2.069426

#1	.0213393	.1774914	.2065850	.0113711	.1958124	.0770950
#2	.0210422	.1710468	.2062569	.0104458	.1965213	.0742275
#3	.0216162	.1776346	.2087541	.0118875	.1962981	.0767841

Elem	Sr4077
Units	ppm
Avg	.1953457
Stddev	.0009817
%RSD	.5025278

#1	.1963079
#2	.1943456
#3	.1953836

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1615.956	2703.461	47870.85	7069.588	3813.981
Stddev	9.091	.186	89.63	25.717	2.156
%RSD	.5625832	.0068821	.1872241	.3637759	.0565301

#1	1620.524	2703.246	47967.97	7069.045	3811.796
#2	1621.857	2703.556	47853.24	7095.573	3814.041
#3	1605.487	2703.580	47791.33	7044.146	3816.106

Sample Name: I6552-01 Acquired: 11/27/2017 17:16:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218320	.0154941	1.239285	-.010035	.0032985	40.20039	.3418466
Stddev	.0037678	.0015275	.002750	.002721	.0014299	.20989	.0030094
%RSD	17.25797	9.858548	.2218991	27.11766	43.34965	.5221168	.8803458

#1	.0179115	.0161029	1.239853	-.012912	.0033985	40.44016	.3448049
#2	.0254258	.0166234	1.236296	-.009690	.0018213	40.11117	.3419465
#3	.0221587	.0137561	1.241707	-.007502	.0046758	40.04985	.3387885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027224	.0088266	10.29274	.4853632	.0395080	.3641809	90.03749
Stddev	.0000509	.0001655	.02740	.0003473	.0003427	.0045239	.39037
%RSD	1.870088	1.874713	.2661803	.0715611	.8674098	1.242206	.4335692

#1	.0026777	.0088432	10.32155	.4853423	.0391890	.3686167	90.47774
#2	.0027117	.0086535	10.26702	.4850269	.0394646	.3643522	89.73355
#3	.0027778	.0089831	10.28965	.4857206	.0398703	.3595738	89.90117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.628281	15.23662	.0690730	.0024957	1.268044	.1704328	.9413215
Stddev	.009904	.11475	.0005828	.0000645	.009658	.0018426	.0189721
%RSD	.3768315	.7530924	.8437066	2.583301	.7616516	1.081143	2.015478

#1	2.635504	15.33436	.0691593	.0025583	1.256906	.1687637	.9360225
#2	2.616990	15.11028	.0684519	.0024993	1.274088	.1724101	.9623797
#3	2.632347	15.26521	.0696078	.0024295	1.273139	.1701245	.9255622

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303603	4.658332	-.228293	.0064812	5.211749	8.764715	.0382388
Stddev	.029411	.018454	.000329	.0003227	.006675	.067676	.0006487
%RSD	2.256111	.3961482	.1442542	4.979016	.1280678	.7721427	1.696548

#1	1.317841	4.667580	-.228664	.0066275	5.212458	8.780735	.0377750
#2	1.269783	4.637082	-.228033	.0067049	5.204748	8.690467	.0389802
#3	1.323185	4.670332	-.228183	.0061113	5.218040	8.822945	.0379613

Sample Name: I6552-01 Acquired: 11/27/2017 17:16:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41R1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.236415	.0232953	.0746158
Stddev	.009197	.0003533	.0005183
%RSD	.4112254	1.516728	.6945702

#1	2.246899	.0229182	.0751284
#2	2.232638	.0233492	.0746269
#3	2.229709	.0236186	.0740920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.002	2731.595	49343.68	7512.367	3617.526
Stddev	9.980	3.640	49.14	21.924	7.083
%RSD	.6164053	.1332382	.0995824	.2918353	.1958053

#1	1622.410	2735.229	49394.75	7489.495	3619.293
#2	1607.765	2727.950	49339.54	7533.200	3623.559
#3	1626.832	2731.606	49296.74	7514.407	3609.727

Sample Name: I6552-02 Acquired: 11/27/2017 17:20:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005038	-.008431	.2838380	.0082935	.0030587	6.726864	.1671978
Stddev	.002784	.000869	.0006733	.0023429	.0008064	.036212	.0003812
%RSD	55.25092	10.30202	.2372194	28.24943	26.36375	.5383129	.2279753

#1	-.002228	-.007657	.2840226	.0104592	.0035739	6.716390	.1676263
#2	-.005092	-.008265	.2843997	.0058066	.0034728	6.697043	.1668965
#3	-.007795	-.009370	.2830916	.0086146	.0021294	6.767158	.1670706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007864	.0036640	12.59126	.0551713	.0069570	.1582779	21.13136
Stddev	.0001034	.0001474	.01506	.0006492	.0001234	.0028256	.01944
%RSD	13.14379	4.023984	.1196230	1.176640	1.774103	1.785228	.0919836

#1	.0008546	.0037455	12.57890	.0545495	.0068900	.1600289	21.11988
#2	.0008373	.0037528	12.60803	.0558447	.0070994	.1550182	21.12041
#3	.0006675	.0034938	12.58684	.0551197	.0068815	.1597867	21.15381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.467712	8.727292	.0248455	.0012755	84.19418	.0320919	.6562997
Stddev	.001375	.031922	.0002668	.0001243	.08884	.0038393	.0038646
%RSD	.0557383	.3657768	1.073819	9.744653	.1055192	11.96355	.5888475

#1	2.468547	8.716723	.0246792	.0012768	84.20173	.0358227	.6607091
#2	2.466125	8.701995	.0247042	.0011505	84.10181	.0281525	.6546889
#3	2.468465	8.763159	.0251533	.0013991	84.27901	.0323006	.6535010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.43086	1.428783	-.021576	.0015932	28.44787	6.201973	.0102354
Stddev	.09685	.003231	.000761	.0004289	.00555	.034600	.0011112
%RSD	.7791482	.2261031	3.525812	26.91905	.0194936	.5578811	10.85655

#1	12.41727	1.432492	-.021491	.0010982	28.45022	6.162536	.0103555
#2	12.34152	1.427268	-.022375	.0018278	28.44154	6.227228	.0112817
#3	12.53379	1.426588	-.020861	.0018537	28.45186	6.216156	.0090690

Sample Name: I6552-02 Acquired: 11/27/2017 17:20:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA41R2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1591379	-.016127	.0840176
Stddev	.0007442	.000934	.0004975
%RSD	.4676408	5.790526	.5921095

#1	.1585240	-.016438	.0841992
#2	.1599656	-.015078	.0834548
#3	.1589241	-.016866	.0843988

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.054	2602.695	47463.15	7391.650	3773.280
Stddev	2.688	3.798	205.47	26.259	6.053
%RSD	.1705452	.1459182	.4329000	.3552526	.1604290

#1	1573.207	2603.303	47499.46	7421.586	3775.325
#2	1578.547	2606.153	47241.95	7380.857	3778.046
#3	1576.407	2598.630	47648.04	7372.508	3766.469

Sample Name: I6532-07 Acquired: 11/27/2017 17:24:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.767681	.0103843	1.339389	-.004114	.0064789	36.72771	.5725486
Stddev	.001753	.0022677	.003172	.006385	.0009857	.21169	.0027321
%RSD	.0991693	21.83800	.2368019	155.1844	15.21435	.5763786	.4771826

#1	1.768273	.0085307	1.335751	-.003735	.0054516	36.58641	.5713174
#2	1.765709	.0097093	1.340836	-.010680	.0074170	36.62563	.5706488
#3	1.769062	.0129129	1.341578	.002073	.0065682	36.97110	.5756797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039225	.0074720	45.95463	.0581297	.0459266	.2550471	80.15104
Stddev	.0000393	.0001095	.37292	.0004879	.0002679	.0018720	.48034
%RSD	1.002891	1.465513	.8115022	.8392933	.5833620	.7339893	.5992930

#1	.0039130	.0075223	45.62127	.0580134	.0459966	.2545226	79.78995
#2	.0038888	.0073464	45.88525	.0577104	.0456306	.2534933	79.96698
#3	.0039657	.0075474	46.35737	.0586652	.0461525	.2571254	80.69619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.539341	19.09634	.0616459	.0006311	.2481498	.0795188	.6487575
Stddev	.041951	.12750	.0002090	.0002799	.0130715	.0023148	.0117357
%RSD	.9241733	.6676606	.3390836	44.35658	5.267593	2.911000	1.808956

#1	4.503586	18.97871	.0617700	.0007575	.2594680	.0789666	.6365687
#2	4.528915	19.07848	.0614045	.0003103	.2511387	.0775301	.6497233
#3	4.585522	19.23183	.0617631	.0008255	.2338427	.0820598	.6599805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.062809	4.199826	-.174755	.0035773	5.872194	8.384489	.0101977
Stddev	.010892	.014970	.001472	.0002428	.010146	.047383	.0008748
%RSD	.2151469	.3564348	.8425516	6.788680	.1727742	.5651217	8.578212

#1	5.051377	4.214547	-.173468	.0038323	5.881256	8.337934	.0111581
#2	5.073068	4.200312	-.176361	.0033488	5.874094	8.382874	.0094465
#3	5.063982	4.184619	-.174436	.0035508	5.861233	8.432658	.0099886

Sample Name: I6532-07 Acquired: 11/27/2017 17:24:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0BN1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7743219	.1074865	.5194056
Stddev	.0039474	.0008901	.0014405
%RSD	.5097940	.8281195	.2773374

#1	.7712706	.1083393	.5198825
#2	.7729151	.1065633	.5177871
#3	.7787801	.1075570	.5205472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.628	2723.522	49958.12	7772.246	3488.806
Stddev	9.917	14.949	176.87	41.427	7.817
%RSD	.6107875	.5488715	.3540415	.5330080	.2240733

#1	1633.387	2709.235	49970.68	7809.132	3481.858
#2	1623.938	2722.277	50128.39	7780.180	3487.290
#3	1613.560	2739.055	49775.31	7727.426	3497.270

Sample Name: I6532-08 Acquired: 11/27/2017 17:28:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.740145	.0092686	1.330398	-.004044	.0057191	35.84391	.5566528
Stddev	.023975	.0031973	.022955	.002300	.0017224	.23007	.0035377
%RSD	1.377784	34.49602	1.725413	56.87646	30.11596	.6418590	.6355277

#1	1.712470	.0106411	1.304314	-.001522	.0058085	35.99728	.5590853
#2	1.754601	.0056142	1.339362	-.006026	.0039538	35.57937	.5525945
#3	1.753365	.0115505	1.347519	-.004582	.0073951	35.95507	.5582787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038243	.0073028	45.08881	.0571778	.0450395	.2478986	78.60126
Stddev	.0000563	.0004007	.16447	.0003688	.0006766	.0007163	.39333
%RSD	1.472553	5.487522	.3647675	.6450802	1.502355	.2889661	.5004097

#1	.0038736	.0068401	45.21246	.0573536	.0442696	.2486455	78.98032
#2	.0038363	.0075274	44.90216	.0574258	.0453091	.2472174	78.19507
#3	.0037629	.0075408	45.15182	.0567539	.0455398	.2478330	78.62840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.453000	18.73163	.0609024	.0006379	.3053577	.0754293	.6337130
Stddev	.012464	.10677	.0011189	.0000893	.0240022	.0036191	.0003791
%RSD	.2798999	.5699908	1.837145	13.99761	7.860341	4.798005	.0598215

#1	4.464150	18.84586	.0596534	.0005964	.3113201	.0740656	.6332752
#2	4.439544	18.63435	.0612408	.0007404	.2789363	.0726901	.6339292
#3	4.455307	18.71469	.0618130	.0005770	.3258166	.0795321	.6339345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911707	4.130541	-.171127	.0032000	5.734593	8.217713	.0099699
Stddev	.063212	.090185	.001794	.0001831	.117427	.049333	.0002773
%RSD	1.286956	2.183369	1.048436	5.721923	2.047697	.6003276	2.781254

#1	4.975538	4.033612	-.173196	.0034081	5.609987	8.274674	.0097679
#2	4.849134	4.146037	-.169990	.0030638	5.750590	8.189855	.0102860
#3	4.910448	4.211974	-.170197	.0031280	5.843202	8.188610	.0098558

Sample Name: I6532-08 Acquired: 11/27/2017 17:28:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0BN1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7581721	.1037333	.5063709
Stddev	.0043914	.0001382	.0038705
%RSD	.5792137	.1332456	.7643543

#1	.7632331	.1036988	.5106106
#2	.7553694	.1036157	.5030267
#3	.7559136	.1038856	.5054754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.366	2776.636	51354.79	7961.866	3551.759
Stddev	13.815	23.851	112.19	34.855	40.549
%RSD	.8187025	.8589732	.2184612	.4377713	1.141661

#1	1699.741	2804.133	51470.39	7921.788	3598.038
#2	1689.896	2764.235	51347.62	7978.715	3534.780
#3	1672.462	2761.542	51246.35	7985.095	3522.460

Sample Name: CCV092 Acquired: 11/27/2017 17:43:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.992550	4.830837	25.71519	4.994753	4.901358	395.2140
Stddev	.003567	.007171	.06782	.012117	.010245	6.2001
%RSD	.0714416	.1484489	.2637159	.2425983	.2090264	1.568794

#1	4.992963	4.823151	25.68542	4.987389	4.904114	400.3586
#2	4.995892	4.837348	25.66736	5.008739	4.890016	396.9536
#3	4.988795	4.832011	25.79280	4.988133	4.909943	388.3300

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.626892	.4835374	2.617158	393.2306	15.62666	2.631964
Stddev	.150793	.0079233	.006919	5.4679	.01093	.006567
%RSD	1.566375	1.638616	.2643633	1.390516	.0699424	.2495173

#1	9.760485	.4893262	2.610943	397.3593	15.63666	2.630481
#2	9.656810	.4867787	2.615917	395.3030	15.61500	2.626266
#3	9.463383	.4745073	2.624613	387.0294	15.62832	2.639146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17921	379.2681	14.76823	388.0449	2.479009	1.330657
Stddev	.16589	4.9580	.19115	5.3968	.008148	.004316
%RSD	1.169927	1.307259	1.294317	1.390770	.3286819	.3243486

#1	14.32201	382.7196	14.90865	391.2876	2.475892	1.328489
#2	14.21839	381.4979	14.84551	391.0322	2.472879	1.327854
#3	13.99725	373.5866	14.55055	381.8150	2.488255	1.335627

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	363.7390	2.331960	15.18496	149.8718	5.081838	F 4.314851
Stddev	3.9565	.031137	.10929	1.7212	.025869	.070366
%RSD	1.087727	1.335219	.7197361	1.148480	.5090558	1.630778

#1	366.5370	2.355792	15.07068	151.1516	5.053376	4.366338
#2	365.4676	2.343357	15.19574	150.5488	5.088217	4.343543
#3	359.2123	2.296730	15.28846	147.9150	5.103921	4.234673

Sample Name: CCV092 Acquired: 11/27/2017 17:43:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037159	5.221302	4.818459	4.912638	4.857532	4.858126
Stddev	.010636	.027835	.082599	.012017	.054613	.056010
%RSD	.2111477	.5331109	1.714224	.2446084	1.124299	1.152913

#1	5.027877	5.189468	4.878734	4.910156	4.906631	4.884807
#2	5.034834	5.233380	4.852336	4.902056	4.867255	4.895807
#3	5.048765	5.241059	4.724307	4.925702	4.798710	4.793764

Elem	Sr4077
Units	ppm
Avg	4.853986
Stddev	.076710
%RSD	1.580347

#1	4.897411
#2	4.899133
#3	4.765415

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.534	2240.218	40910.38	6717.537	2603.998
Stddev	10.742	4.134	148.56	103.109	7.549
%RSD	.8031162	.1845301	.3631285	1.534923	.2898961

#1	1349.810	2242.180	41060.83	6652.091	2606.415
#2	1329.858	2243.005	40906.52	6664.126	2610.043
#3	1332.934	2235.468	40763.79	6836.394	2595.537

Sample Name: CCB092 Acquired: 11/27/2017 17:47:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014111	.0005596	.0008522	.0013919	.0003243	.0012169	-.000954
Stddev	.0011858	.0001877	.0009406	.0015512	.0005807	.0082207	.000235
%RSD	84.03529	33.53955	110.3752	111.4496	179.0733	675.5545	24.61926

#1	.0008508	.0007734	.0016183	.0001175	-.000039	.0048016	-.000683
#2	.0027732	.0004835	.0011358	.0009390	.000994	-.008187	-.001084
#3	.0006092	.0004219	-.000198	.0031191	.000018	.007036	-.001095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000023	.0003505	-.000276	.0001309	.0017342	.0028899
Stddev	.000049	.000078	.0022258	.000500	.0001877	.0011364	.0019893
%RSD	169.3774	339.5454	635.0096	181.1901	143.3274	65.52997	68.83645

#1	-.000081	-.000000	.0029127	.000208	.0003162	.0016439	.0051433
#2	.000017	.000041	-.001106	-.000790	-.000059	.0006457	.0013769
#3	-.000023	-.000110	-.000755	-.000244	.000136	.0029131	.0021496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001887	.0064771	.0001234	.0000296	-.128558	-.001819	-.000899
Stddev	.0002312	.0062732	.0001502	.0003215	.095321	.001043	.001563
%RSD	122.4872	96.85182	121.6991	1087.353	74.14631	57.32253	173.9011

#1	.0003987	-.000399	-.000023	-.000008	-.208276	-.002902	-.001708
#2	.0002265	.007943	.000117	.000368	-.022973	-.000822	.000903
#3	-.000059	.011888	.000277	-.000272	-.154427	-.001732	-.001891

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004384	.0013524	.0047215	.0010477	.0005915	.0000391	-.000653
Stddev	.041957	.0020821	.0004222	.0001658	.0015106	.0002691	.000550
%RSD	956.9823	153.9557	8.941295	15.82964	255.3764	688.7486	84.20536

#1	.042613	.0037113	.0043233	.0012353	.0015184	-.000181	-.000220
#2	-.038072	.0005754	.0046771	.0009873	-.001152	.000339	-.001272
#3	-.017693	-.000229	.0051642	.0009206	.001408	-.000041	-.000468

Sample Name: CCB092 Acquired: 11/27/2017 17:47:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v302) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008004	.0086992	-.000031
Stddev	.0004612	.0009589	.000015
%RSD	57.62068	11.02242	46.76129

#1	.0003983	.0096299	-.000021
#2	.0006991	.0087530	-.000025
#3	.0013039	.0077145	-.000048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.519	2806.111	49170.97	7172.254	4083.701
Stddev	11.024	11.913	62.49	27.233	16.899
%RSD	.6634661	.4245205	.1270937	.3797049	.4138051

#1	1650.430	2793.624	49102.87	7194.403	4064.198
#2	1661.653	2817.351	49184.35	7141.847	4092.920
#3	1672.476	2807.359	49225.69	7180.511	4093.984