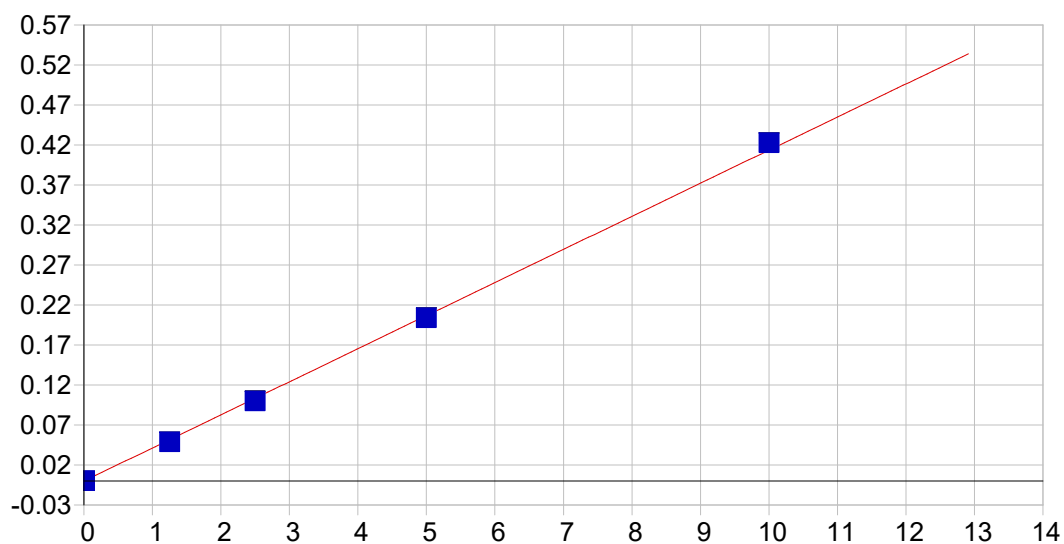


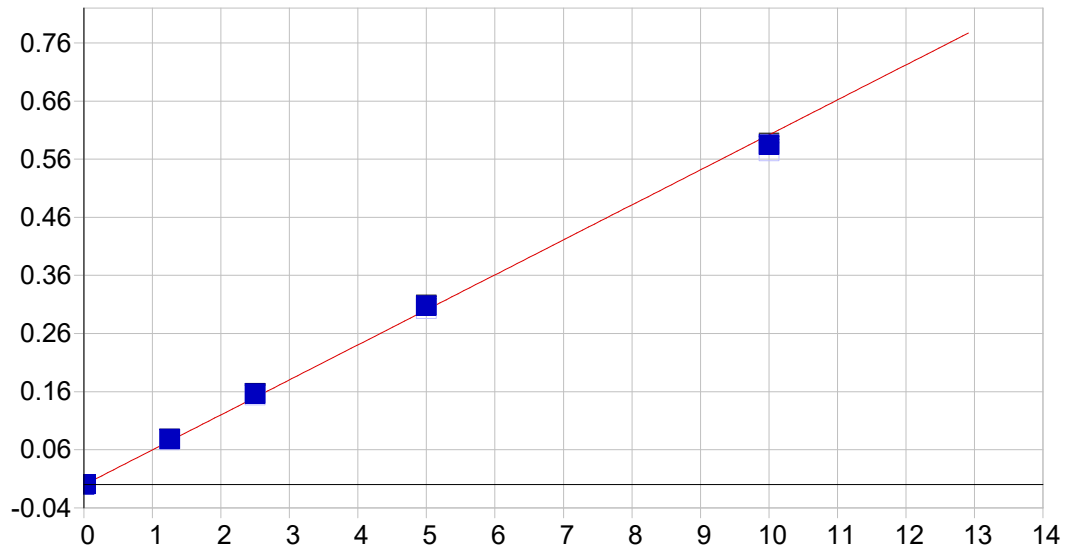


As 189.042 {479}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000087 Re-Slope: 1.000000
 A1 (Gain): 0.041362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999661 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003780
 Predicted MQL: 0.012600

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01000	.00896	-.001	-10.4	.00028	.000	1
S2	1.2500	1.1807	-.069	-5.54	.04872	.000	1
S3	2.5000	2.4154	-.085	-3.39	.09976	.000	1
S4	5.0000	4.9320	-.068	-1.36	.20379	.000	1
S5	10.000	10.223	.223	2.23	.42252	.001	1

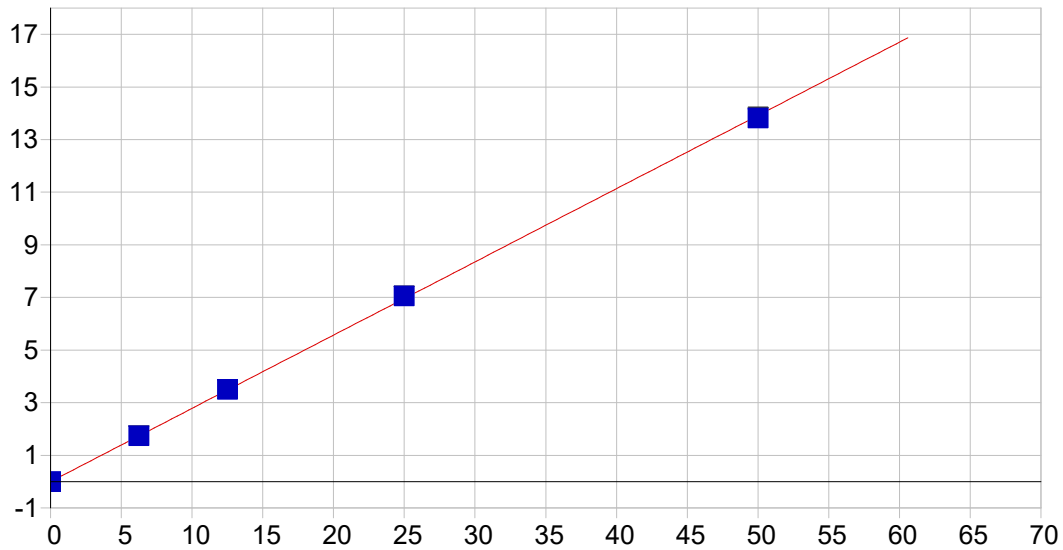


TI 190.856 {477}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000352 Re-Slope: 1.000000
 A1 (Gain): 0.060213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999512 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002695
 Predicted MQL: 0.008985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.02500	.02372	-.001	-5.11	.00101	.000	1
S2	1.2500	1.3030	.053	4.24	.07672	.000	1
S3	2.5000	2.6068	.107	4.27	.15383	.000	1
S4	5.0000	5.1216	.122	2.43	.30249	.001	1
S5	10.000	9.7199	-.280	-2.80	.57381	.003	1

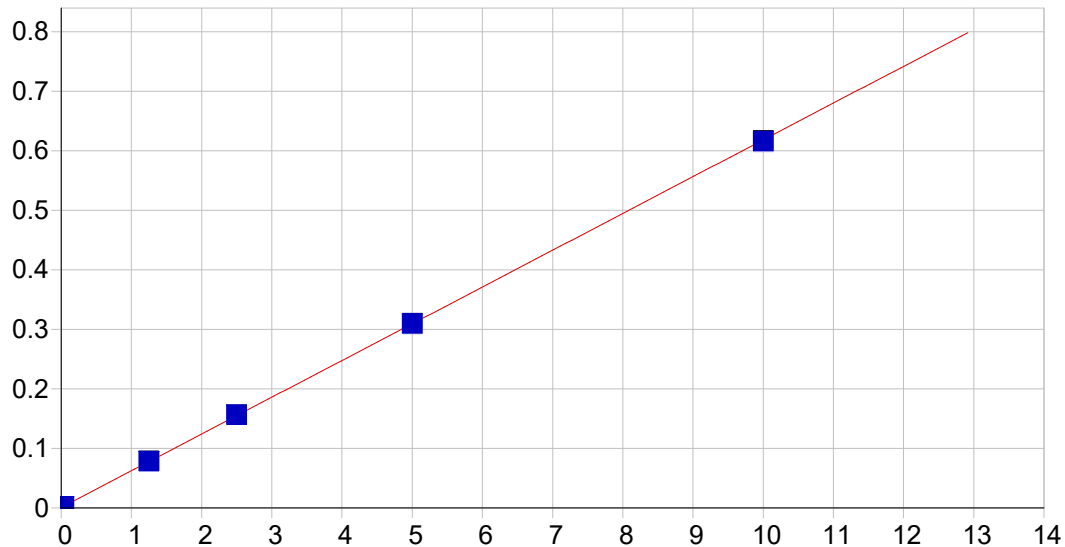


Pb 220.353 {453}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000254	Re-Slope:	1.000000
A1 (Gain):	0.278384	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.001601		
Predicted MQL:	0.005337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.001	1
S1	.01000	.00780	-.002	-22.0	.00243	.000	1
S2	6.2500	6.2264	-.024	-.378	1.7339	.002	1
S3	12.500	12.573	.073	.586	3.5012	.002	1
S4	25.000	25.316	.316	1.27	7.0493	.007	1
S5	50.000	49.636	-.364	-.728	13.821	.034	1

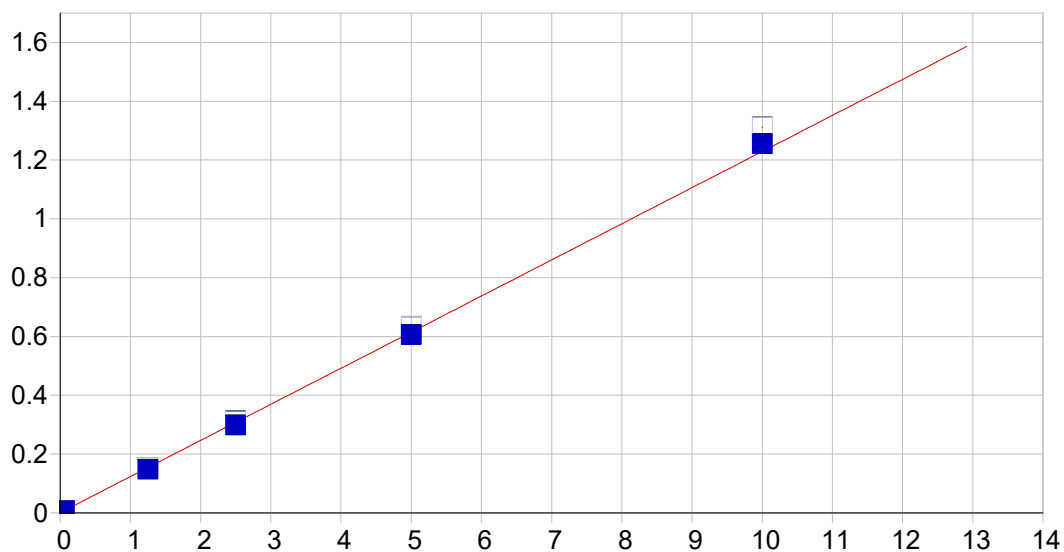


Se 196.090 {472}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000559 Re-Slope: 1.000000
 A1 (Gain): 0.061788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003352
 Predicted MQL: 0.011173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.03500	.03323	-.002	-5.06	.00261	.000	1
S2	1.2500	1.2589	.009	.710	.07814	.000	1
S3	2.5000	2.5274	.027	1.09	.15631	.001	1
S4	5.0000	5.0037	.004	.075	.30892	.001	1
S5	10.000	9.9618	-.038	-.382	.61445	.001	1

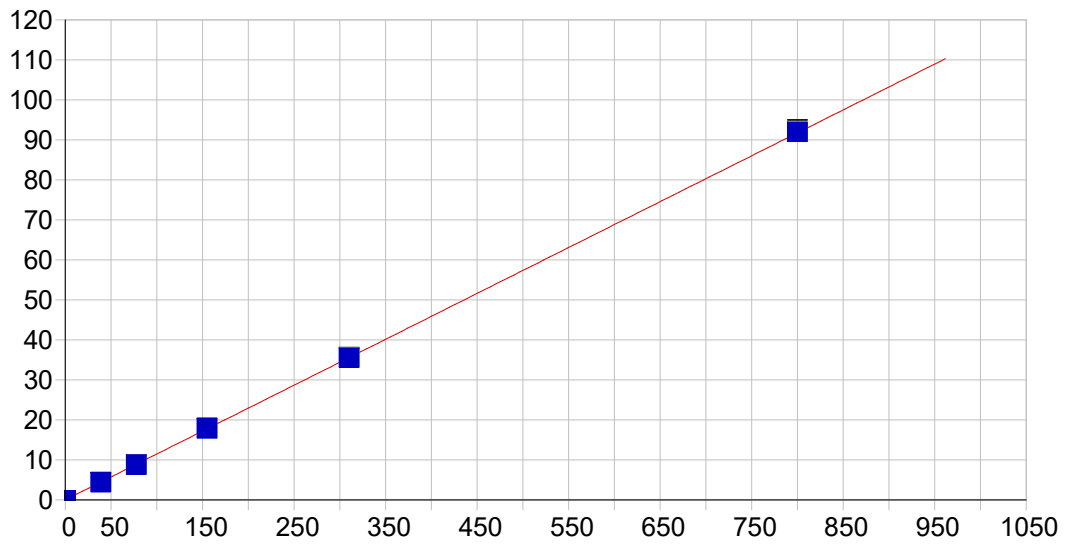


Sb 206.833 {463}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000788 Re-Slope: 1.000000
 A1 (Gain): 0.122811 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.001976
 Predicted MQL: 0.006586

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00079	.000	1
S1	.06000	.05276	-.007	-12.1	.00727	.000	1
S2	1.2500	1.1945	-.056	-4.44	.15455	.000	1
S3	2.5000	2.4202	-.080	-3.19	.31214	.001	1
S4	5.0000	4.9286	-.071	-1.43	.63434	.001	1
S5	10.000	10.214	.214	2.14	1.3117	.001	1

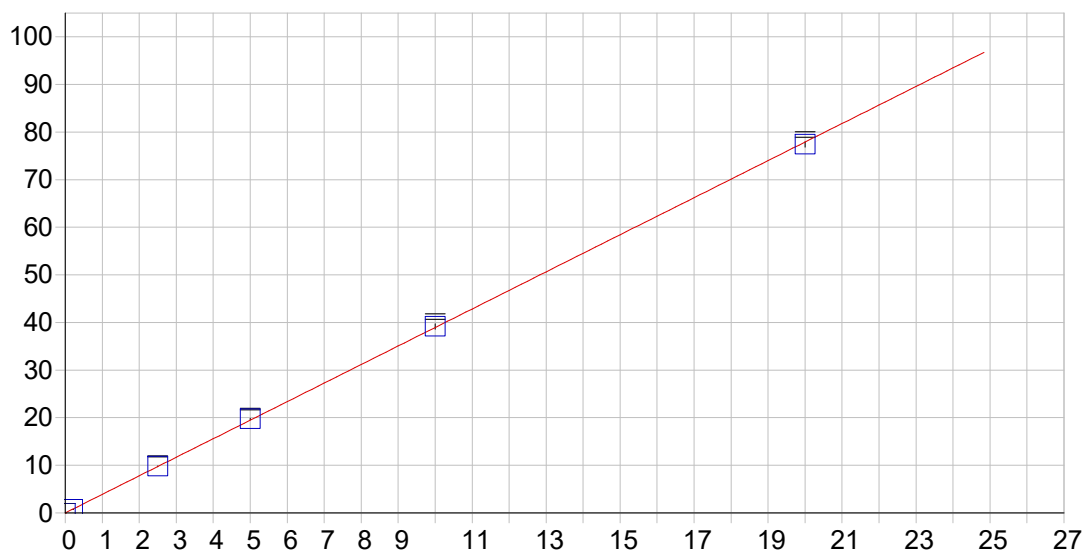


AI 396.152 { 85}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007267 Re-Slope: 1.000000
 A1 (Gain): 0.114702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000385
 Predicted MDL: 0.008995
 Predicted MQL: 0.029985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00727	.001	1
S1	.20000	.18352	-.016	-8.24	.02871	.001	1
S2	38.750	37.985	-.765	-1.97	4.3731	.019	1
S3	77.500	76.349	-1.15	-1.49	8.7824	.048	1
S4	155.00	155.60	.600	.387	17.890	.087	1
S5	310.00	309.60	-.403	-.130	35.590	.112	1
S6	800.00	801.74	1.74	.217	92.026	.505	1

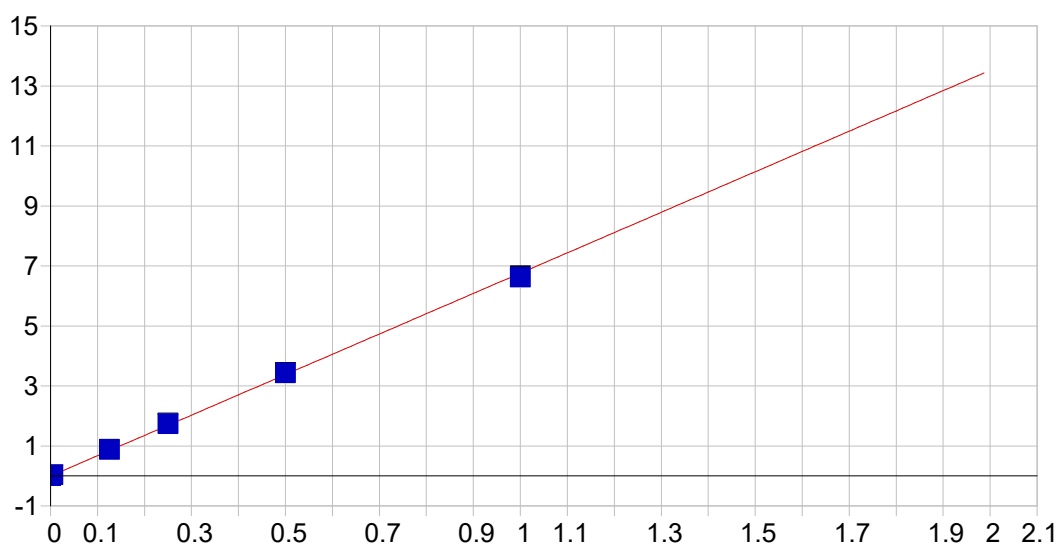


Ba 493.409 { 68}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005013	Re-Slope:	1.000000
A1 (Gain):	3.894868	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.003521		
Predicted MDL:	0.000517		
Predicted MQL:	0.001723		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00505	.001	1
S1	.20000	.18782	-.012	-6.09	.73654	.008	1
S2	2.5000	2.5133	.013	.534	9.7941	.102	1
S3	5.0000	5.0653	.065	1.31	19.734	.179	1
S4	10.000	10.056	.056	.558	39.171	.560	1
S5	20.000	19.878	-.122	-.612	77.426	.582	1

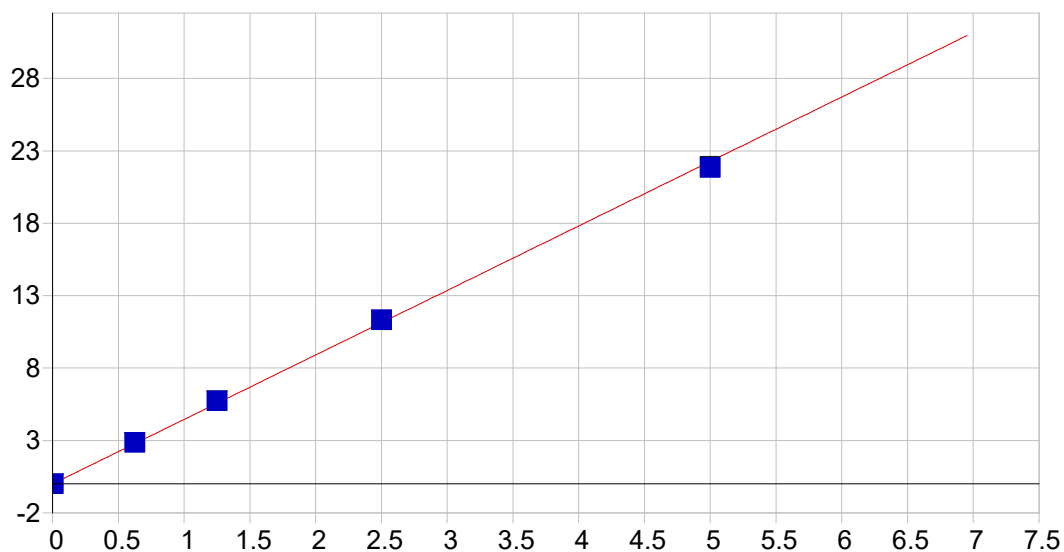


Be 234.861 {144}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001694	Re-Slope:	1.000000
A1 (Gain):	6.760213	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999758	Status:	OK.
Std Error of Est:	0.000557		
Predicted MDL:	0.000062		
Predicted MQL:	0.000205		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00170	.000	1
S1	.00500	.00500	.000	.071	.03211	.000	1
S2	.12500	.12978	.005	3.82	.87281	.008	1
S3	.25000	.25708	.007	2.83	1.7306	.022	1
S4	.50000	.50800	.008	1.60	3.4213	.021	1
S5	1.0000	.98015	-.020	-1.99	6.6019	.045	1

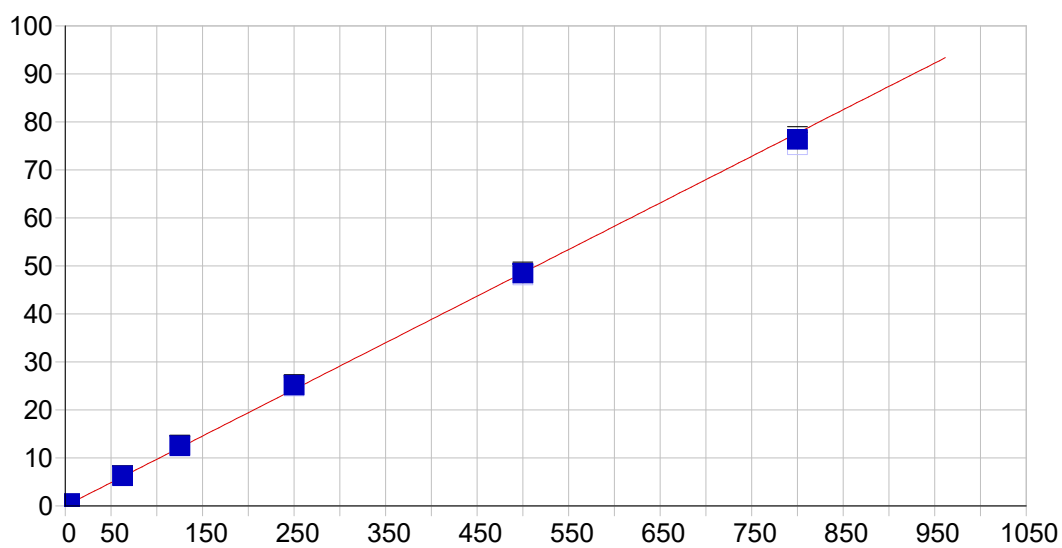


Cd 214.438 {457}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000192	Re-Slope:	1.000000
A1 (Gain):	4.453812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000785		
Predicted MDL:	0.000072		
Predicted MQL:	0.000239		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.001	1
S1	.00500	.00479	-.000	-4.10	.02156	.000	1
S2	.62500	.64132	.016	2.61	2.8608	.008	1
S3	1.2500	1.2867	.037	2.94	5.7396	.006	1
S4	2.5000	2.5438	.044	1.75	11.347	.006	1
S5	5.0000	4.9033	-.097	-1.93	21.873	.068	1

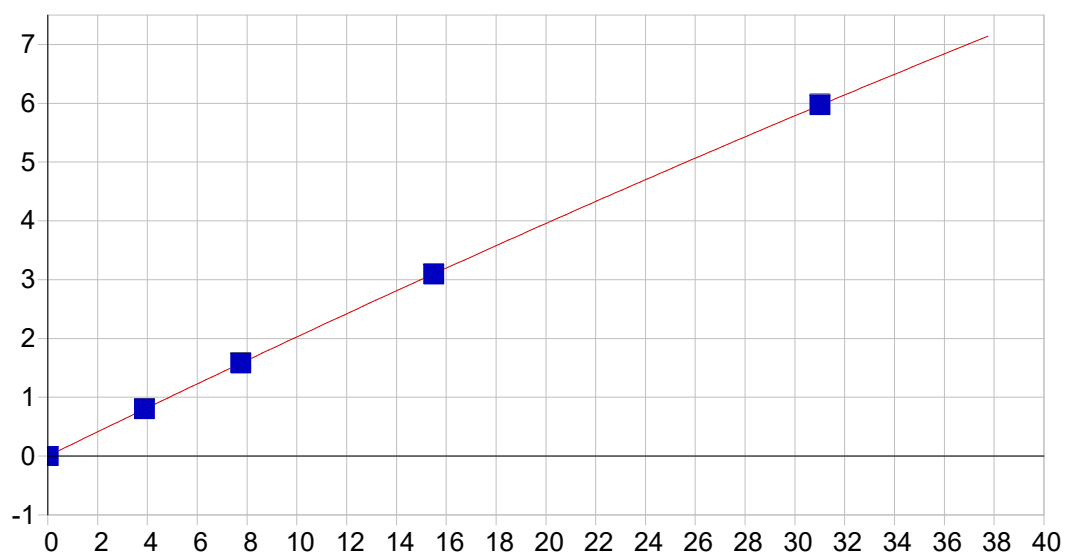


Ca 373.690 { 90}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000965 Re-Slope: 1.000000
 A1 (Gain): 0.097100 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999787 Status: OK.
 Std Error of Est: 0.006916
 Predicted MDL: 0.010319
 Predicted MQL: 0.034398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00027	-.000	.000	.00094	.001	1
S1	5.0000	4.8821	-.118	-2.36	.47487	.004	1
S2	62.500	64.298	1.80	2.88	6.1900	.064	1
S3	125.00	128.98	3.98	3.18	12.416	.110	1
S4	250.00	258.74	8.74	3.50	24.907	.165	1
S5	500.00	499.33	-.671	-.134	48.051	.278	1
S6	800.00	786.19	-13.8	-1.73	75.182	.588	1

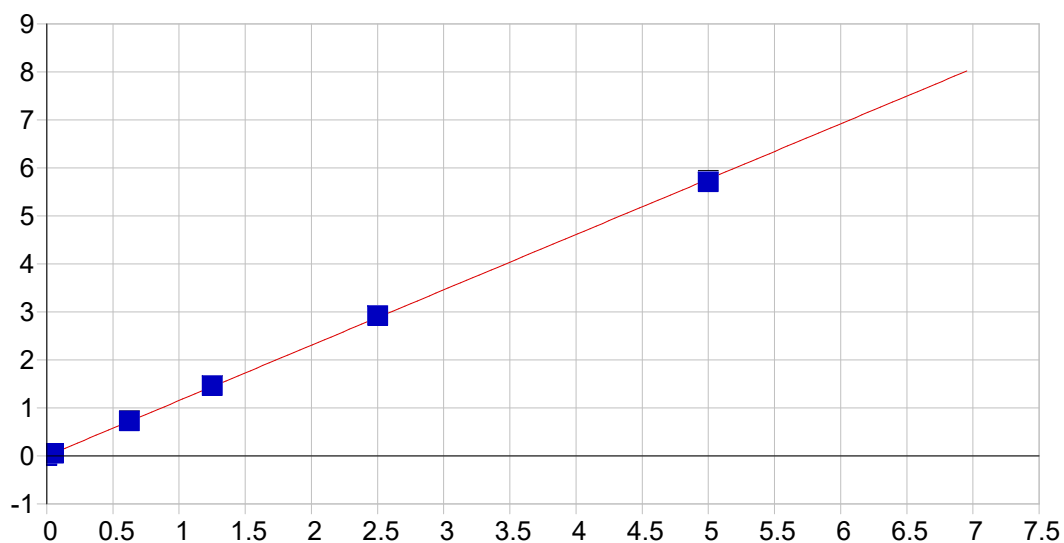


Cr 267.716 {126}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000036	Re-Slope:	1.000000
A1 (Gain):	0.207594	Y-int:	0.000000
A2 (Curvature):	-0.000489		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.000517		
Predicted MQL:	0.001724		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01019	.000	1.88	.00208	.000	1
S2	3.8750	3.9032	.028	.728	.80381	.000	1
S3	7.7500	7.7481	-.002	-.025	1.5811	.002	1
S4	15.500	15.450	-.050	-.320	3.0947	.003	1
S5	31.000	31.023	.023	.076	5.9779	.011	1

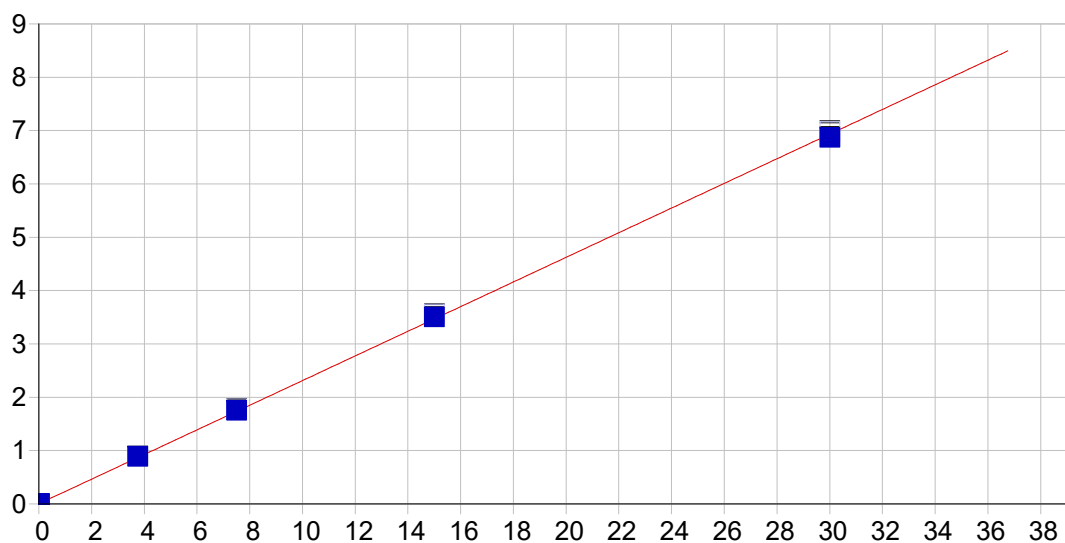


Co 228.616 {448}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 1.153128 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000364
 Predicted MDL: 0.000264
 Predicted MQL: 0.000879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.05000	.04699	-.003	-6.02	.05446	.000	1
S2	.62500	.62792	.003	.467	.72530	.000	1
S3	1.2500	1.2676	.018	1.41	1.4641	.001	1
S4	2.5000	2.5317	.032	1.27	2.9240	.002	1
S5	5.0000	4.9508	-.049	-.984	5.7182	.019	1

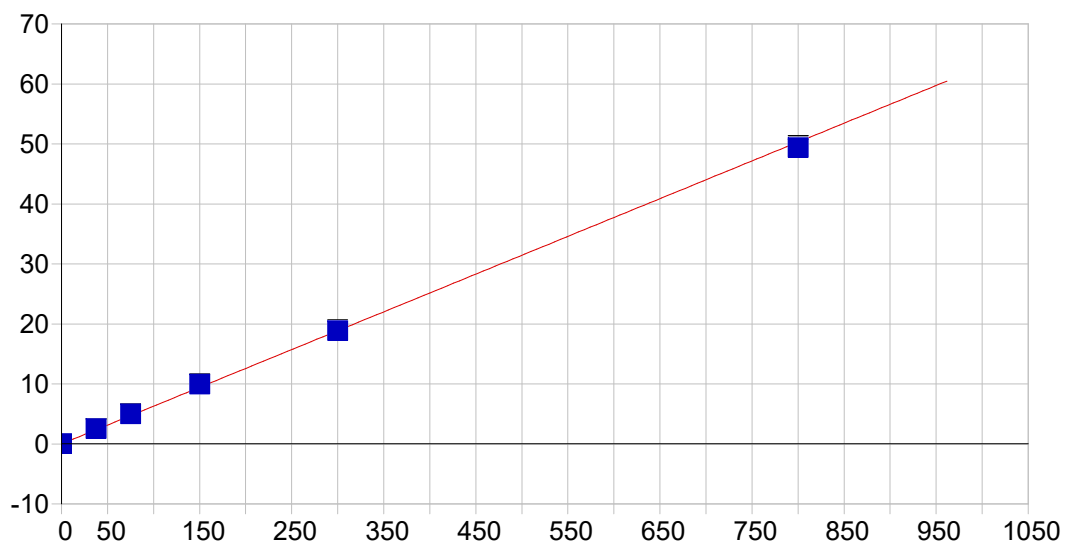


Cu 324.754 {104}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003011 Re-Slope: 1.000000
 A1 (Gain): 0.231069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.002538
 Predicted MQL: 0.008459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00301	.000	1
S1	.02500	.01887	-.006	-24.5	.00853	.000	1
S2	3.7500	3.8215	.072	1.91	.89995	.003	1
S3	7.5000	7.5794	.079	1.06	1.7822	.009	1
S4	15.000	15.144	.144	.962	3.5580	.008	1
S5	30.000	29.712	-.288	-.960	6.9797	.019	1

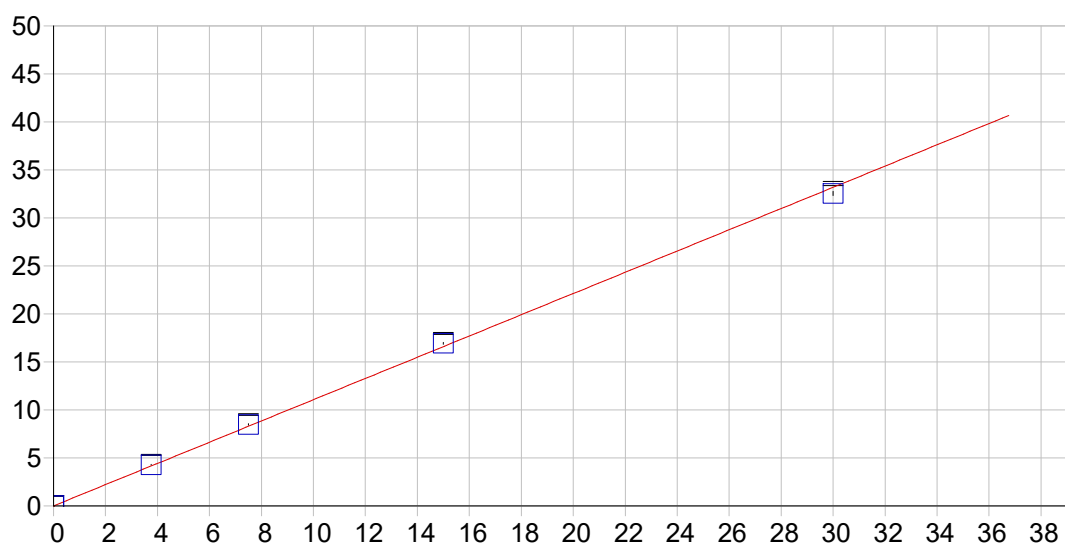


Fe 259.837 {130}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.062886 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999600 Status: OK.
 Std Error of Est: 0.000778
 Predicted MDL: 0.005704
 Predicted MQL: 0.019012

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00003	.000	1
S1	.10000	.10440	.004	4.40	.00686	.000	1
S2	37.500	39.994	2.49	6.65	2.5200	.029	1
S3	75.000	79.318	4.32	5.76	4.9978	.048	1
S4	150.00	157.80	7.80	5.20	9.9429	.068	1
S5	300.00	300.17	.174	.058	18.916	.088	1
S6	800.00	785.20	-14.8	-1.85	49.442	.276	1

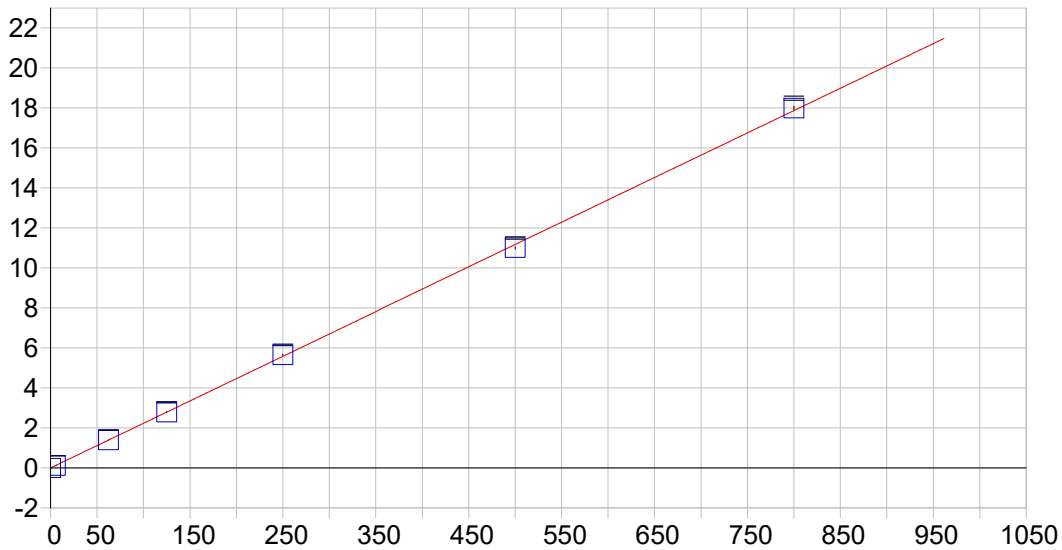


Mn 257.610 {131}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000451 Re-Slope: 1.000000
 A1 (Gain): 1.106231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000825
 Predicted MDL: 0.000326
 Predicted MQL: 0.001087

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.01500	.01547	.000	3.13	.01756	.000	1
S2	3.7500	3.8625	.112	3.00	4.2732	.049	1
S3	7.5000	7.6635	.163	2.18	8.4780	.075	1
S4	15.000	15.309	.309	2.06	16.935	.090	1
S5	30.000	29.415	-.585	-1.95	32.540	.219	1

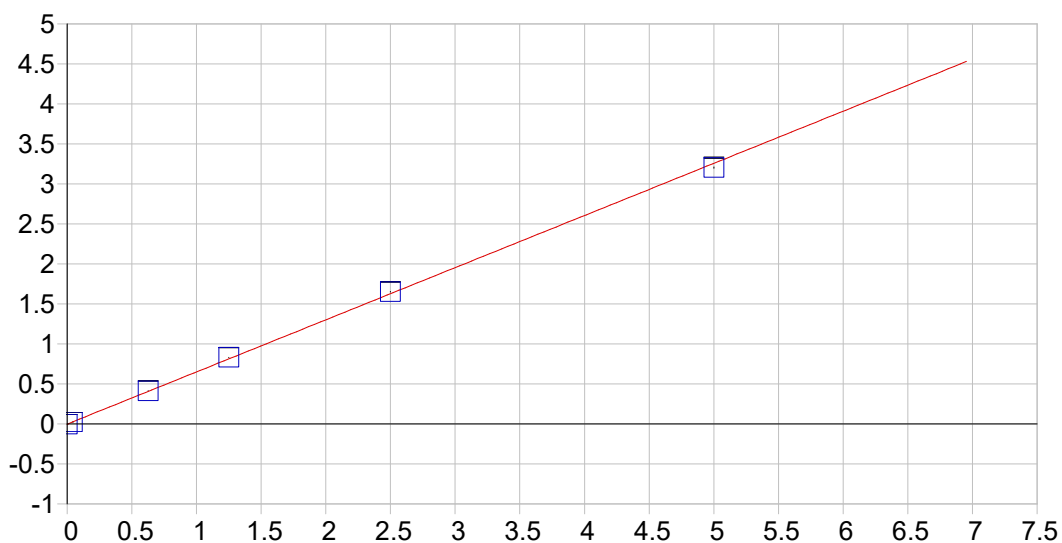


Mg 279.079 {121}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000264	Re-Slope:	1.000000
A1 (Gain):	0.022346	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000829		
Predicted MDL:	0.019271		
Predicted MQL:	0.064237		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	-.00026	.001	1
S1	5.0000	4.7686	-.231	-4.63	.10630	.001	1
S2	62.500	62.107	-.393	-.629	1.3876	.015	1
S3	125.00	124.68	-.323	-.258	2.7858	.030	1
S4	250.00	253.07	3.07	1.23	5.6548	.042	1
S5	500.00	492.58	-7.42	-1.48	11.007	.057	1
S6	800.00	805.30	5.30	.663	17.995	.099	1

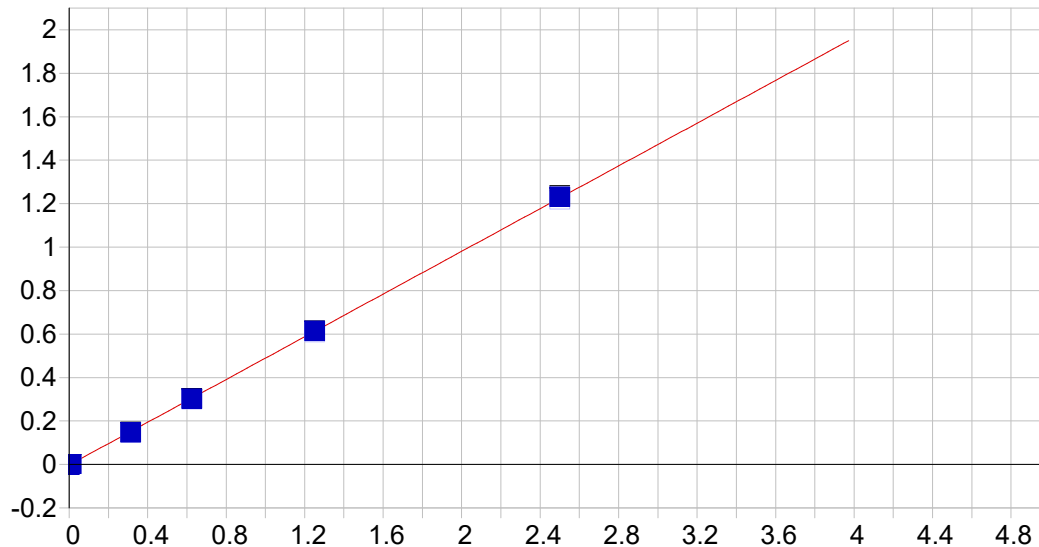


Ni 231.604 {446}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002004	Re-Slope:	1.000000
A1 (Gain):	0.651779	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999858	Status:	OK.
Std Error of Est:	0.000261		
Predicted MDL:	0.000477		
Predicted MQL:	0.001589		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00201	.000	1
S1	.04000	.04003	.000	.077	.02409	.000	1
S2	.62500	.63701	.012	1.92	.41319	.001	1
S3	1.2500	1.2782	.028	2.26	.83112	.001	1
S4	2.5000	2.5380	.038	1.52	1.6522	.003	1
S5	5.0000	4.9217	-.078	-1.57	3.2059	.008	1

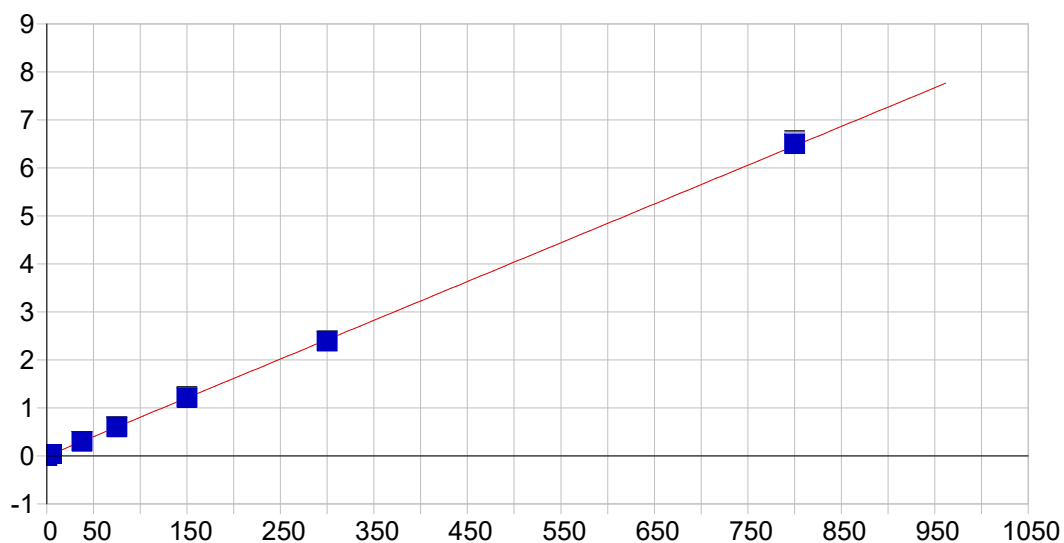


Ag 328.068 {103}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002432 Re-Slope: 1.000000
 A1 (Gain): 0.491495 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.000436
 Predicted MQL: 0.001454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00243	.000	1
S1	.01000	.00940	-.001	-5.97	.00215	.000	1
S2	.31250	.30601	-.006	-2.08	.14665	.000	1
S3	.62500	.61966	-.005	-.854	.29950	.002	1
S4	1.2500	1.2535	.003	.280	.60840	.001	1
S5	2.5000	2.5089	.009	.357	1.2202	.006	1

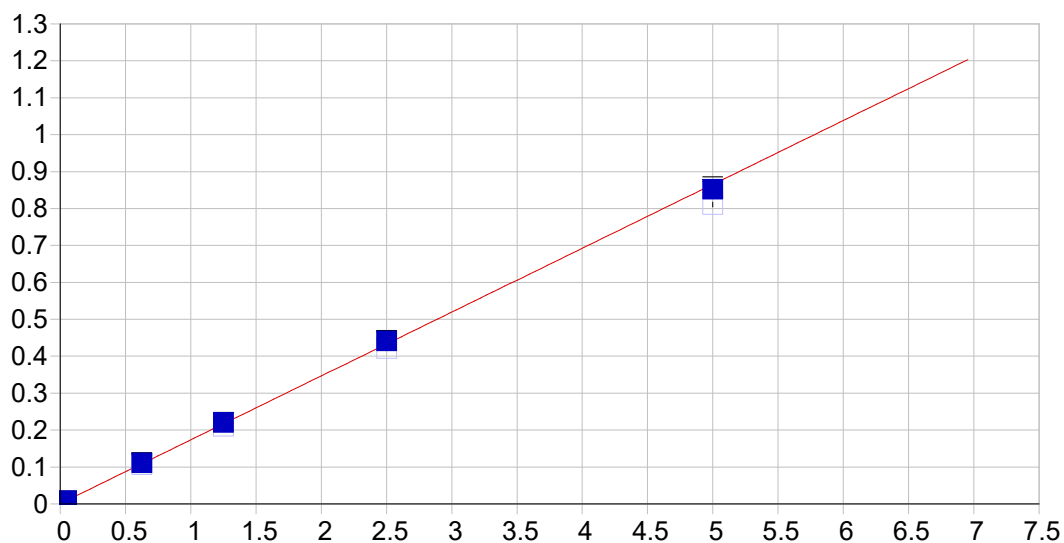


Na 818.326 { 41}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001258	Re-Slope:	1.000000
A1 (Gain):	0.008076	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000239		
Predicted MDL:	0.258335		
Predicted MQL:	0.861118		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00036	.000	.000	-.00126	.001	1
S1	5.0000	4.7463	-.254	-5.07	.03707	.000	1
S2	37.500	37.157	-.343	-.916	.30015	.002	1
S3	75.000	74.363	-.637	-.849	.60197	.005	1
S4	150.00	150.65	.651	.434	1.2207	.009	1
S5	300.00	295.46	-4.54	-1.51	2.3955	.007	1
S6	800.00	805.12	5.12	.640	6.5293	.040	1

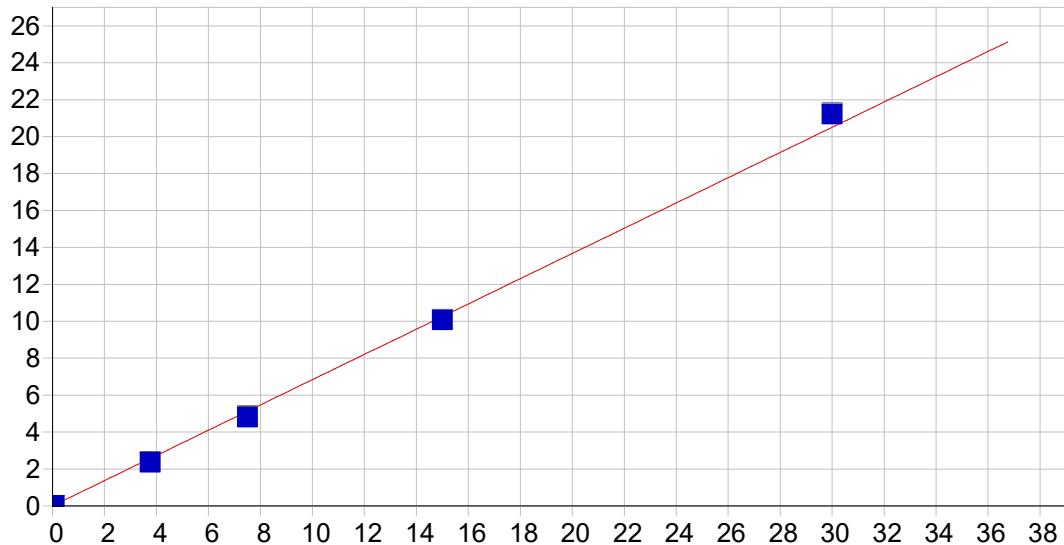


V 292.402 {115}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000672	Re-Slope:	1.000000
A1 (Gain):	0.172939	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999842	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.002580		
Predicted MQL:	0.008599		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00067	.000	1
S1	.05000	.04806	-.002	-3.89	.00897	.000	1
S2	.62500	.63711	.012	1.94	.10567	.001	1
S3	1.2500	1.2709	.021	1.67	.21010	.001	1
S4	2.5000	2.5462	.046	1.85	.42028	.002	1
S5	5.0000	4.9228	-.077	-1.54	.81057	.006	1

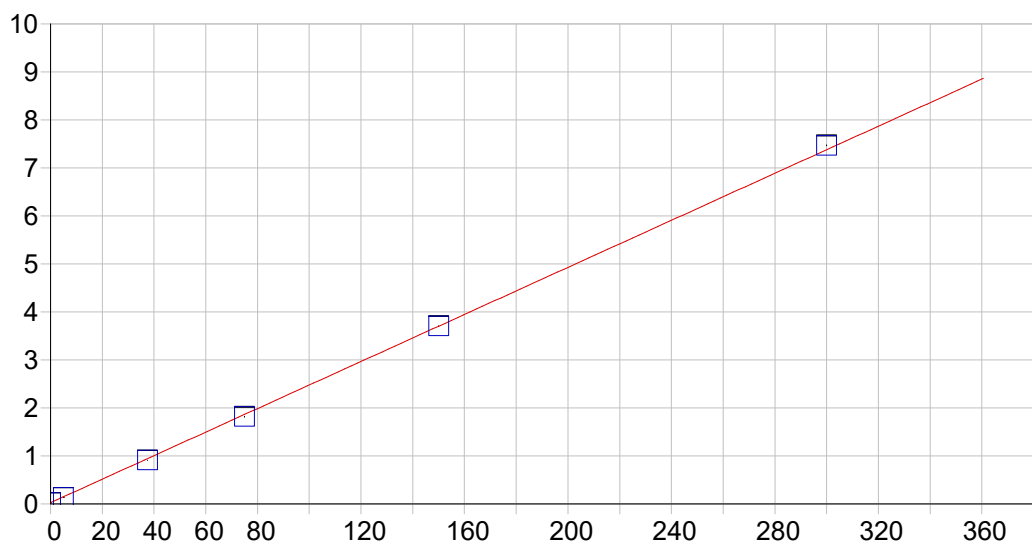


Zn 213.856 {158}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001179 Re-Slope: 1.000000
 A1 (Gain): 0.683528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999164 Status: OK.
 Std Error of Est: 0.001993
 Predicted MDL: 0.001215
 Predicted MQL: 0.004050

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00119	.001	1
S1	.06000	.05331	-.007	-11.1	.03774	.001	1
S2	3.7500	3.4545	-.296	-7.88	2.3666	.018	1
S3	7.5000	7.0275	-.473	-6.30	4.8130	.053	1
S4	15.000	14.735	-.265	-1.77	10.090	.016	1
S5	30.000	31.040	1.04	3.47	21.251	.030	1

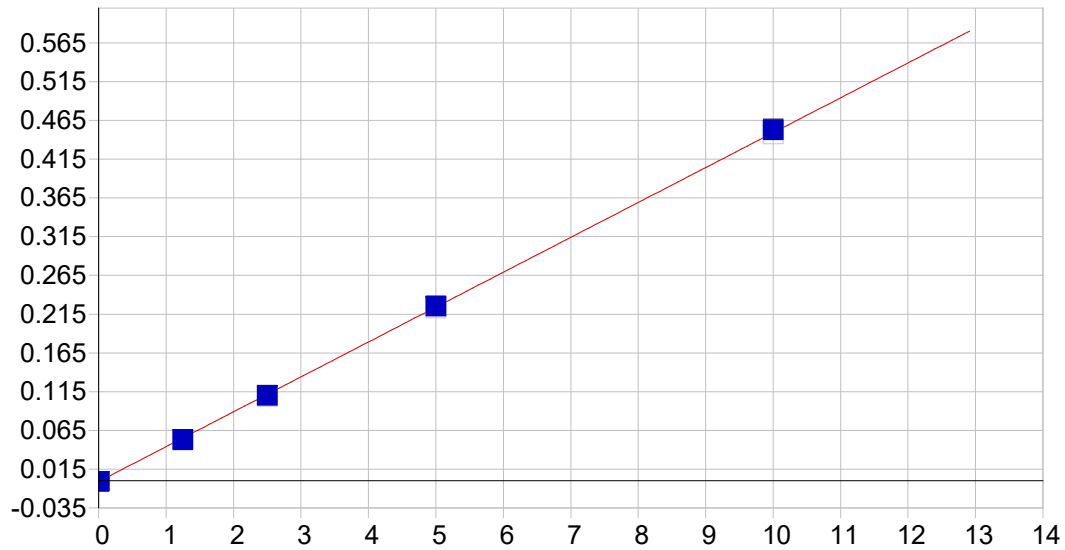


K 769.896 { 44}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025471 Re-Slope: 1.000000
 A1 (Gain): 0.024511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000974
 Predicted MDL: 0.070139
 Predicted MQL: 0.233797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00082	.001	.000	.02549	.000	1
S1	5.0000	4.4240	-.576	-11.5	.13391	.001	1
S2	37.500	36.090	-1.41	-3.76	.91006	.003	1
S3	75.000	73.135	-1.86	-2.49	1.8181	.011	1
S4	150.00	150.19	.192	.128	3.7068	.005	1
S5	300.00	303.66	3.66	1.22	7.4684	.011	1

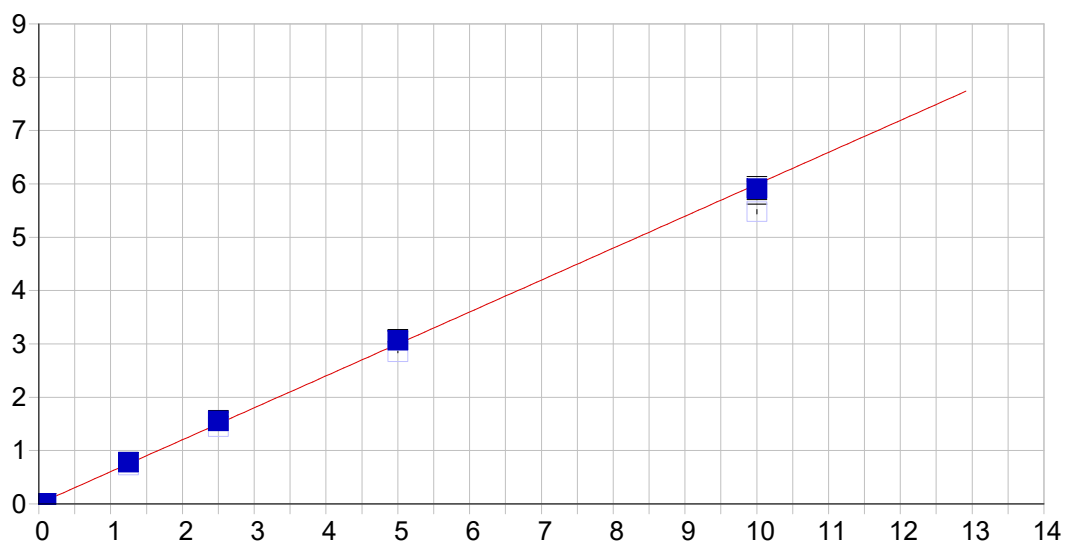


P 177.495 {490}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000998 Re-Slope: 1.000000
A1 (Gain): 0.045021 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999885 Status: OK.
Std Error of Est: 0.000011
Predicted MDL: 0.002819
Predicted MQL: 0.009397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00100	.000	1
S1	.01000	.00742	-.003	-25.8	-.00067	.000	1
S2	1.2500	1.1960	-.054	-4.32	.05222	.000	1
S3	2.5000	2.4616	-.038	-1.53	.10857	.000	1
S4	5.0000	5.0213	.021	.427	.22255	.001	1
S5	10.000	10.074	.074	.736	.44748	.001	1

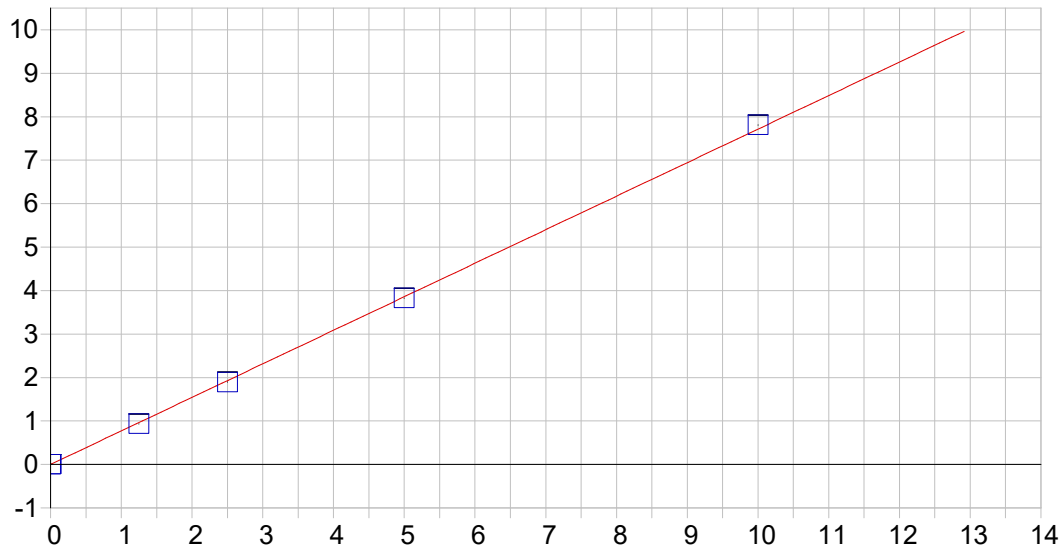


B 249.678 {135}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005163 Re-Slope: 1.000000
 A1 (Gain): 0.598765 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997089 Status: OK.
 Std Error of Est: 0.002257
 Predicted MDL: 0.000848
 Predicted MQL: 0.002827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00521	.000	1
S1	.10000	.00711	-.093	-92.9	.00930	.000	1
S2	1.2500	1.2904	.040	3.23	.72347	.005	1
S3	2.5000	2.5834	.083	3.33	1.4433	.017	1
S4	5.0000	5.1130	.113	2.26	2.8494	.015	1
S5	10.000	9.8632	-.137	-1.37	5.4763	.042	1

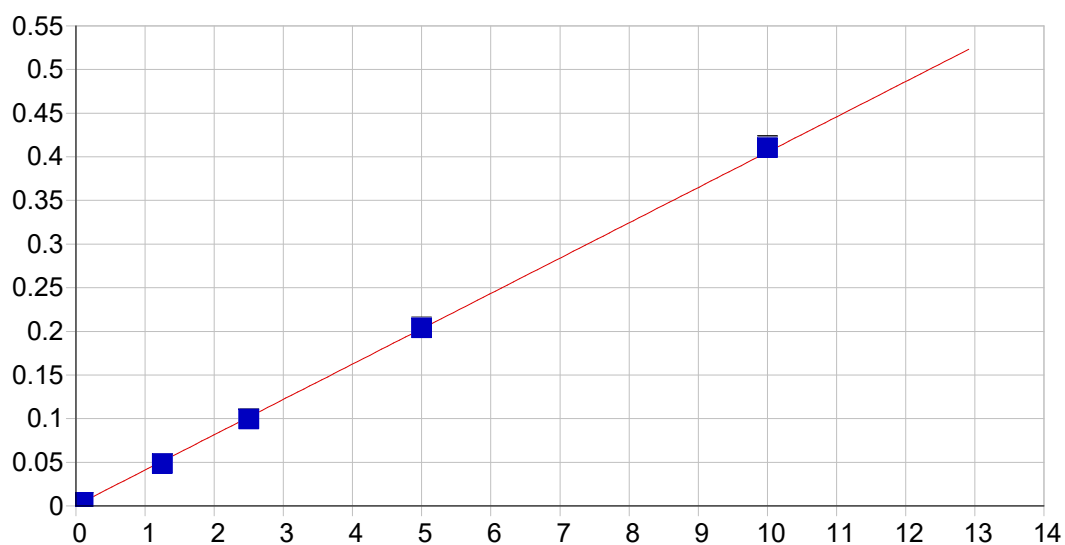


Mo 202.030 {467}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000213 Re-Slope: 1.000000
 A1 (Gain): 0.771592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000184
 Predicted MDL: 0.000309
 Predicted MQL: 0.001030

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00960	-.000	-3.96	.00720	.000	1
S2	1.2500	1.2099	-.040	-3.21	.93335	.003	1
S3	2.5000	2.4585	-.042	-1.66	1.8967	.003	1
S4	5.0000	4.9603	-.040	-.795	3.8271	.006	1
S5	10.000	10.122	.122	1.22	7.8097	.002	1

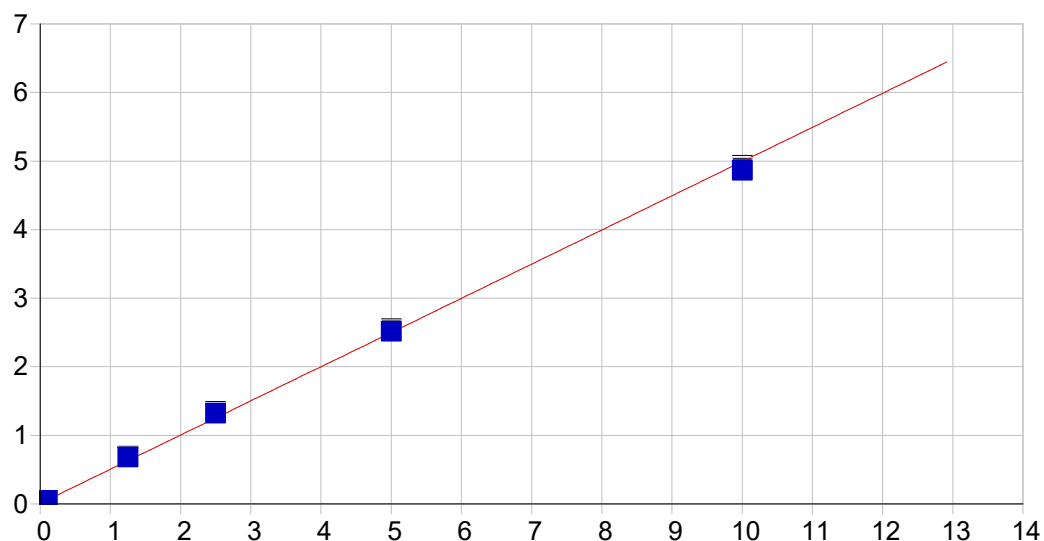


S 182.034 {485}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000634 Re-Slope: 1.000000
 A1 (Gain): 0.040467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999711 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.003895
 Predicted MQL: 0.012983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00064	.000	1
S1	.10000	.08073	-.019	-19.3	.00390	.000	1
S2	1.2500	1.1775	-.072	-5.80	.04839	.000	1
S3	2.5000	2.4426	-.057	-2.30	.09969	.001	1
S4	5.0000	5.0220	.022	.440	.20429	.001	1
S5	10.000	10.127	.127	1.27	.41130	.001	1

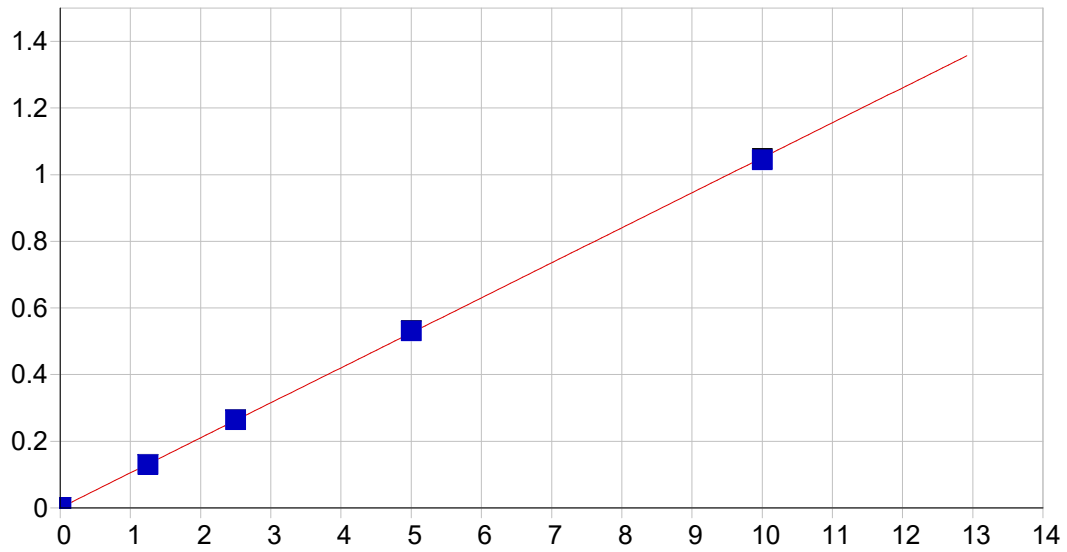


Si 251.611 {134}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.007068	Re-Slope:	1.000000
A1 (Gain):	0.498481	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999395	Status:	OK.
Std Error of Est:	0.000930		
Predicted MDL:	0.001054		
Predicted MQL:	0.003514		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00707	.001	1
S1	.10000	.09421	-.006	-5.79	.05421	.000	1
S2	1.2500	1.3508	.101	8.06	.68591	.008	1
S3	2.5000	2.6381	.138	5.52	1.3331	.014	1
S4	5.0000	5.0306	.031	.612	2.5368	.018	1
S5	10.000	9.7363	-.264	-2.64	4.9045	.031	1

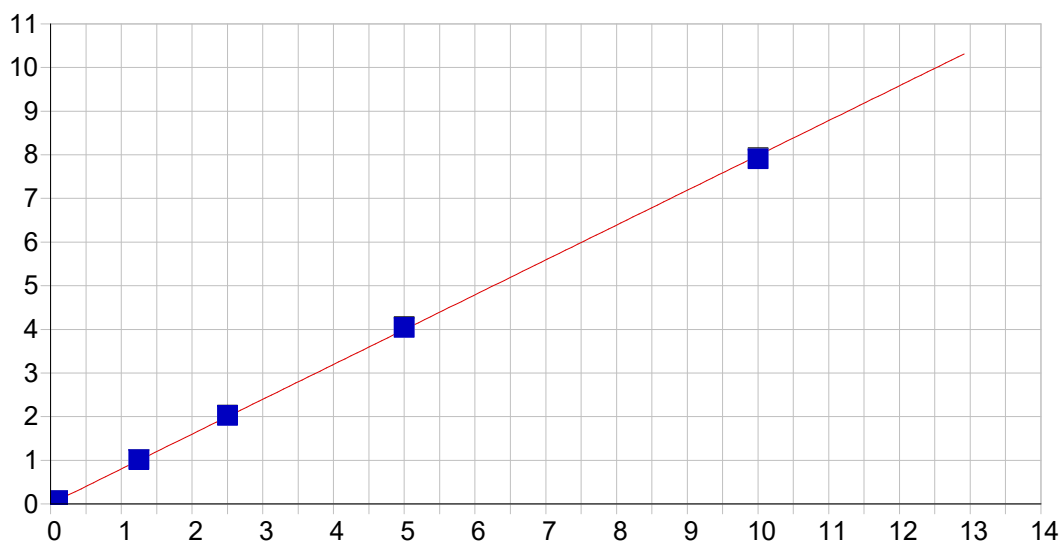


Sn 189.989 {478}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000221 Re-Slope: 1.000000
 A1 (Gain): 0.105043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001303
 Predicted MQL: 0.004343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00700	.00556	-.001	-20.6	.00078	.000	1
S2	1.2500	1.2354	-.015	-1.17	.12972	.000	1
S3	2.5000	2.5158	.016	.633	.26395	.000	1
S4	5.0000	5.0547	.055	1.09	.53009	.001	1
S5	10.000	9.9455	-.054	-.545	1.0427	.003	1

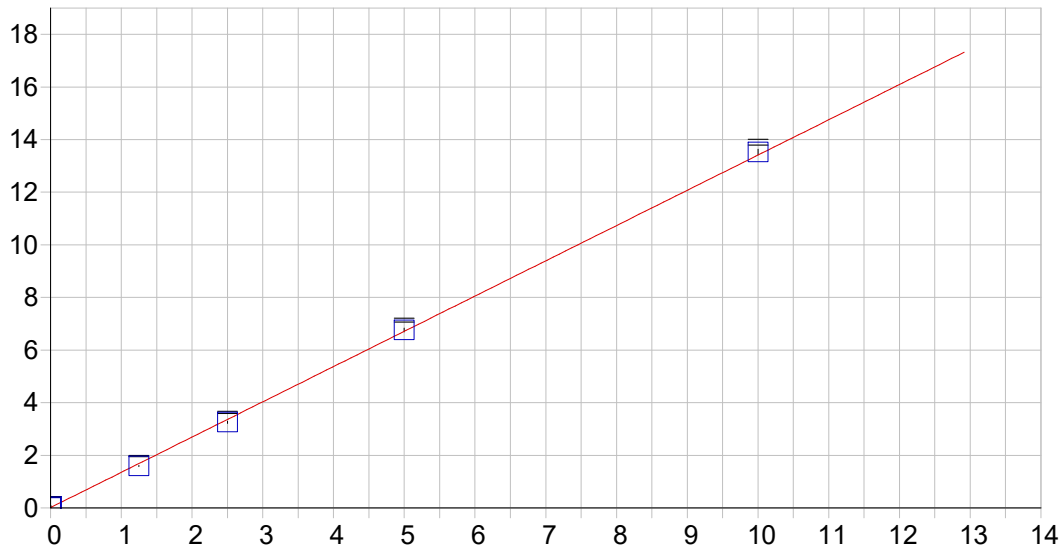


Ti 336.121 {100}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002088	Re-Slope:	1.000000
A1 (Gain):	0.798360	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000524		
Predicted MDL:	0.000936		
Predicted MQL:	0.003118		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00209	.000	1
S1	.10000	.09250	-.007	-7.50	.07592	.000	1
S2	1.2500	1.2654	.015	1.23	1.0120	.007	1
S3	2.5000	2.5297	.030	1.19	2.0210	.008	1
S4	5.0000	5.0622	.062	1.24	4.0422	.010	1
S5	10.000	9.9002	-.100	-.998	7.9033	.023	1

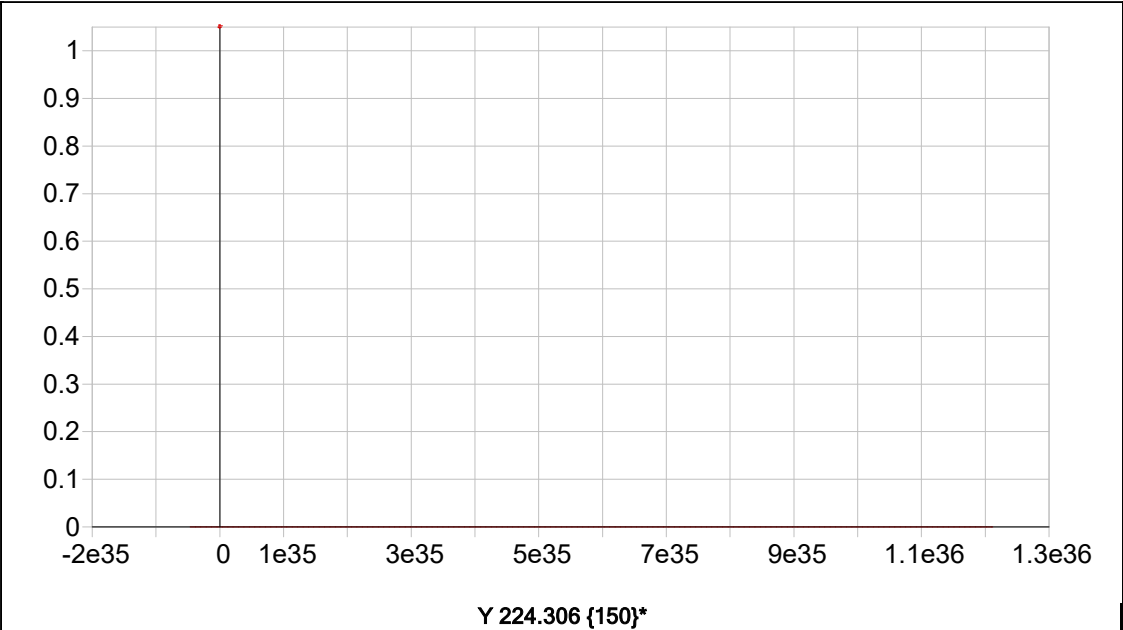


Li 670.784 { 50}

Date of Fit: 09/30/2019 11:57:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012229 Re-Slope: 1.000000
 A1 (Gain): 1.340060 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998543 Status: OK.
 Std Error of Est: 0.001487
 Predicted MDL: 0.001612
 Predicted MQL: 0.005374

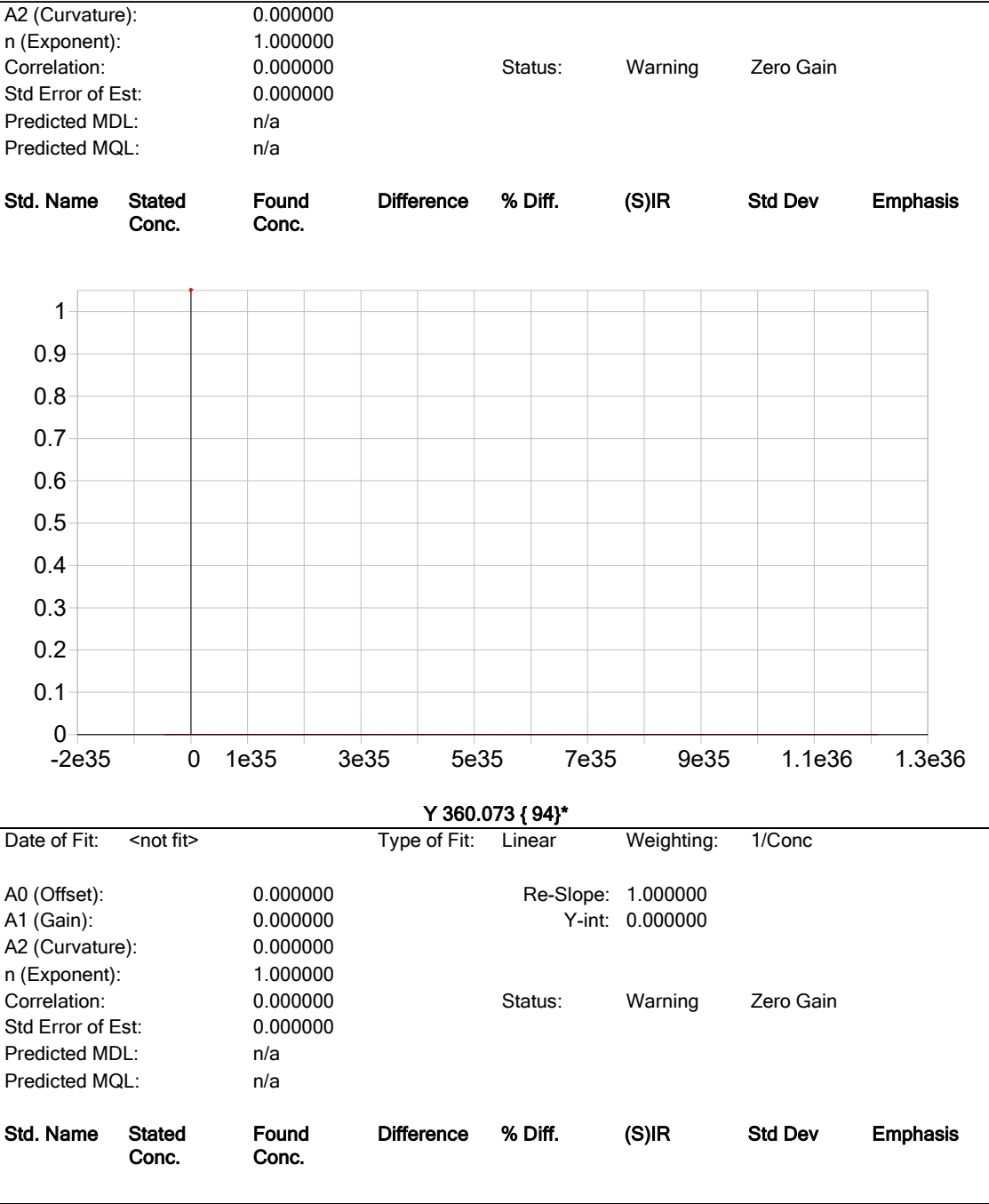
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01219	.001	1
S5	10.000	10.086	.086	.858	13.528	.107	1
S4	5.0000	5.0372	.037	.744	6.7624	.075	1
S3	2.5000	2.4193	-.081	-3.23	3.2542	.047	1
S2	1.2500	1.1811	-.069	-5.51	1.5950	.022	1
S1	.01500	.04165	.027	178.	.06804	.002	1

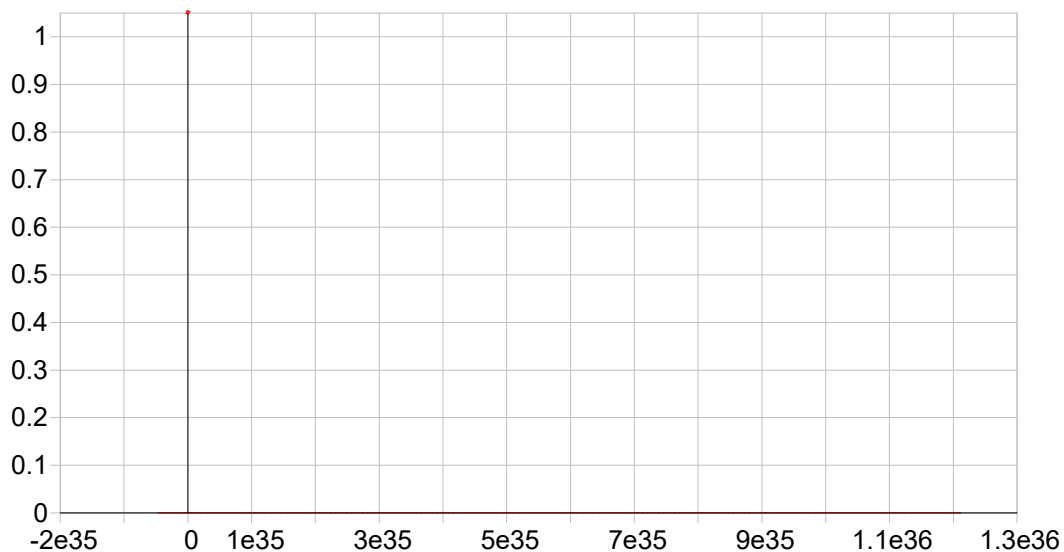


Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

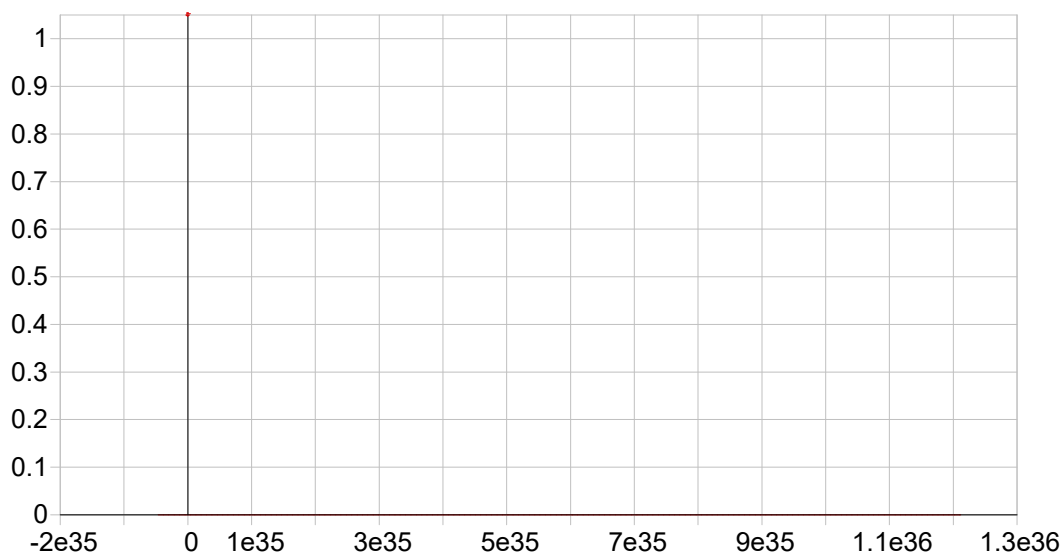
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Y 224.306 {450}*							

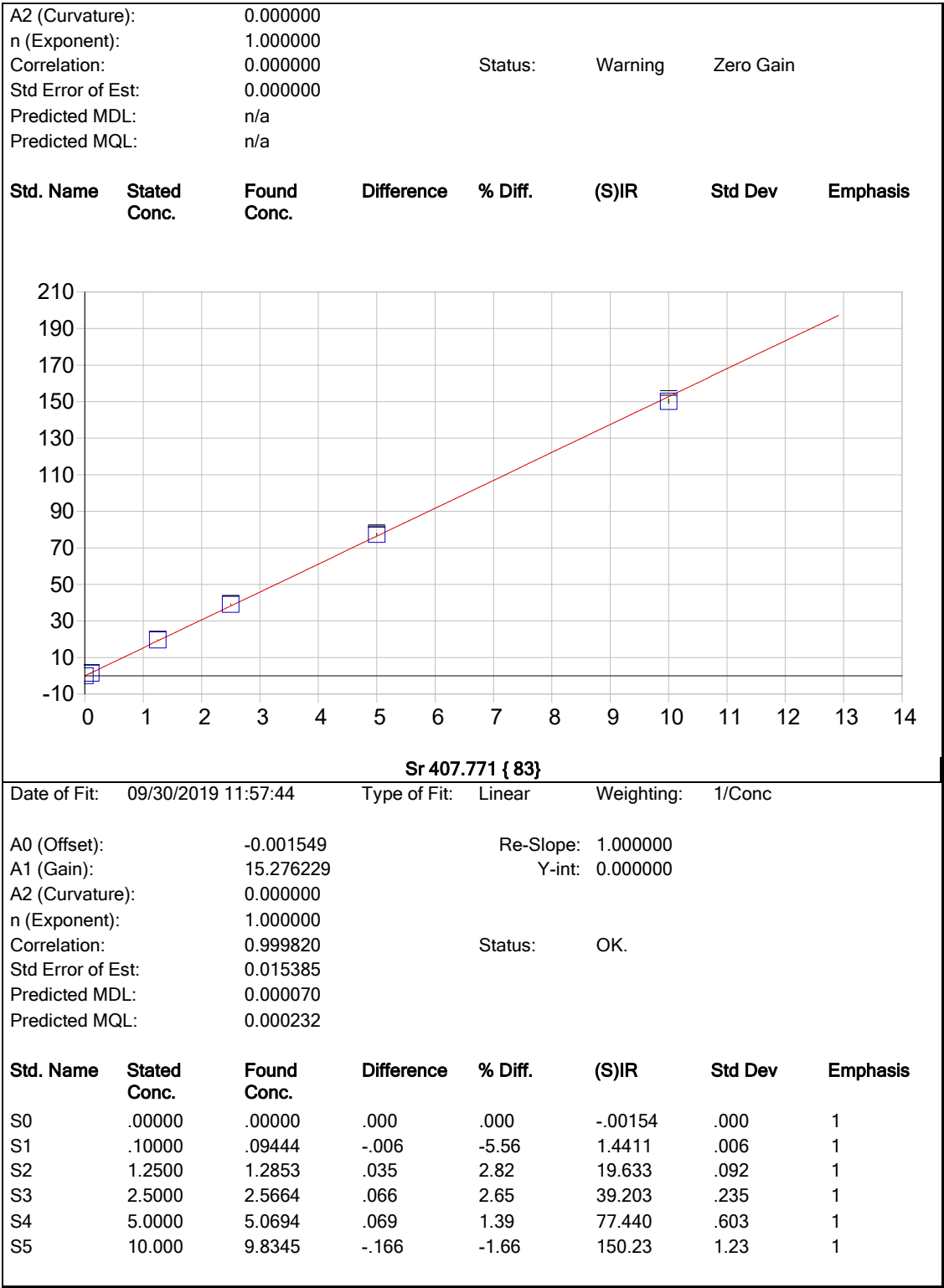
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		





Y 371.030 { 91}*





Sample Name: S1 Acquired: 09/30/2019 10:59:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00028	.00101	.00243	.00261	.00727	.02871	.73654	.03211
Stddev	.00016	.00015	.00021	.00023	.00012	.00108	.00757	.00027
%RSD	54.923	15.053	8.6176	8.6931	1.6247	3.7606	1.0282	.85556
#1	.00029	.00091	.00236	.00241	.00735	.02784	.74189	.03241
#2	.00013	.00119	.00266	.00286	.00714	.02838	.72787	.03206
#3	.00044	.00094	.00226	.00257	.00733	.02992	.73985	.03186
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	.02156	.47487	.00208	.05446	.00853	.00686	.01756	.10630
Stddev	.00034	.00418	.00004	.00022	.00017	.00007	.00024	.00144
%RSD	1.5716	.88044	1.8154	.40983	1.9442	1.0059	1.3503	1.3563
#1	.02155	.47700	.00206	.05445	.00836	.00690	.01770	.10716
#2	.02190	.47005	.00213	.05469	.00869	.00689	.01771	.10463
#3	.02122	.47755	.00206	.05425	.00852	.00678	.01729	.10710
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	.02409	.00215	.03707	.00897	.03774	.13391	-.00067	.00930
Stddev	.00032	.00007	.00045	.00030	.00099	.00103	.00007	.00004
%RSD	1.3389	3.1114	1.2089	3.3495	2.6355	.76654	11.239	.40886
#1	.02375	.00221	.03710	.00876	.03665	.13277	-.00063	.00932
#2	.02440	.00208	.03662	.00883	.03798	.13477	-.00062	.00925
#3	.02411	.00216	.03751	.00931	.03859	.13418	-.00075	.00932
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	.00720	.00390	.05421	.00078	.07592	.06804	1.4411	
Stddev	.00013	.00021	.00049	.00009	.00021	.00156	.0059	
%RSD	1.8256	5.4036	.89525	11.036	.27419	2.2923	.40999	
#1	.00726	.00405	.05446	.00081	.07573	.06847	1.4468	
#2	.00729	.00400	.05365	.00069	.07588	.06632	1.4416	
#3	.00705	.00366	.05451	.00085	.07614	.06935	1.4350	

Sample Name: S1 Acquired: 09/30/2019 10:59:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1447.3	2616.9	33687.	6378.9	2756.2
Stddev	2.4	.9	226.	50.1	3.8
%RSD	.16344	.03591	.66971	.78510	.13916
#1	1449.8	2616.1	33932.	6341.8	2751.7
#2	1446.9	2617.9	33642.	6435.9	2758.6
#3	1445.1	2616.6	33487.	6359.0	2758.2

Sample Name: S2 Acquired: 09/30/2019 11:04:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.04872	.07672	1.7339	.07814	.15455	4.3731	9.7941	.87281
Stddev	.00017	.00033	.0017	.00028	.00021	.0190	.1023	.00817
%RSD	.35003	.43350	.10043	.35533	.13720	.43455	1.0449	.93641

#1	.04889	.07708	1.7355	.07783	.15431	4.3897	9.9011	.88218
#2	.04872	.07643	1.7342	.07823	.15471	4.3524	9.6972	.86913
#3	.04855	.07664	1.7321	.07836	.15463	4.3773	9.7841	.86713

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	2.8608	6.1900	.80381	.72530	.89995	2.5200	4.2732	1.3876
Stddev	.0084	.0637	.00043	.00019	.00295	.0288	.0492	.0149
%RSD	.29212	1.0292	.05398	.02629	.32803	1.1433	1.1518	1.0711

#1	2.8635	6.2471	.80399	.72547	.89993	2.5469	4.3168	1.4011
#2	2.8514	6.1213	.80331	.72533	.89700	2.4896	4.2199	1.3717
#3	2.8675	6.2016	.80412	.72509	.90291	2.5235	4.2830	1.3901

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	.41319	.14665	.30015	.10567	2.3666	.91006	.05222	.72347
Stddev	.00114	.00039	.00246	.00072	.0176	.00325	.00024	.00508
%RSD	.27703	.26459	.81948	.68005	.74387	.35750	.45420	.70154

#1	.41366	.14708	.30297	.10649	2.3518	.91126	.05239	.72926
#2	.41188	.14632	.29906	.10516	2.3619	.90638	.05231	.71977
#3	.41402	.14657	.29843	.10537	2.3861	.91254	.05195	.72140

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	.93335	.04839	.68591	.12972	1.0120	1.5950	19.633
Stddev	.00251	.00007	.00797	.00043	.0066	.0216	.092
%RSD	.26843	.14711	1.1615	.33258	.65408	1.3541	.46638

#1	.93290	.04844	.69504	.13020	1.0173	1.6185	19.687
#2	.93110	.04842	.68037	.12957	1.0046	1.5760	19.527
#3	.93605	.04831	.68232	.12938	1.0140	1.5905	19.684

Sample Name: S2 Acquired: 09/30/2019 11:04:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1359.5	2497.8	32538.	6267.9	2527.5
Stddev	10.6	5.1	182.	48.4	8.3
%RSD	.78209	.20520	.55989	.77220	.32671
#1	1371.0	2492.2	32602.	6219.9	2518.4
#2	1357.2	2502.1	32681.	6316.7	2534.6
#3	1350.1	2499.2	32333.	6267.0	2529.5

Sample Name: S3 Acquired: 09/30/2019 11:07:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.09976	.15383	3.5012	.15631	.31214	8.7824	19.734	1.7306
Stddev	.00022	.00046	.0025	.00051	.00113	.0479	.179	.0216
%RSD	.21993	.29722	.07133	.32370	.36267	.54590	.90623	1.2495

#1	.09993	.15340	3.5022	.15642	.31338	8.7798	19.702	1.7095
#2	.09984	.15431	3.4983	.15676	.31188	8.7357	19.573	1.7295
#3	.09951	.15379	3.5030	.15577	.31117	8.8315	19.927	1.7527

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7396	12.416	1.5811	1.4641	1.7822	4.9978	8.4780	2.7858
Stddev	.0057	.110	.0025	.0012	.0087	.0481	.0753	.0298
%RSD	.10007	.88426	.15691	.08417	.48965	.96313	.88771	1.0706

#1	5.7354	12.389	1.5839	1.4641	1.7819	4.9898	8.4781	2.7757
#2	5.7374	12.322	1.5795	1.4629	1.7736	4.9542	8.4027	2.7624
#3	5.7462	12.537	1.5798	1.4654	1.7910	5.0494	8.5532	2.8194

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	.83112	.29950	.60197	.21010	4.8130	1.8181	.10857	1.4433
Stddev	.00136	.00154	.00519	.00058	.0529	.0108	.00044	.0166
%RSD	.16332	.51508	.86227	.27595	1.0990	.59579	.40227	1.1471

#1	.83268	.30101	.60123	.21042	4.8646	1.8165	.10814	1.4315
#2	.83040	.29792	.59718	.20943	4.7589	1.8081	.10901	1.4363
#3	.83026	.29957	.60749	.21045	4.8157	1.8296	.10855	1.4623

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	1.8967	.09969	1.3331	.26395	2.0210	3.2542	39.203
Stddev	.0030	.00055	.0142	.00049	.0081	.0471	.235
%RSD	.15810	.55163	1.0644	.18401	.40338	1.4464	.59867

#1	1.8950	.09917	1.3224	.26363	2.0267	3.2349	39.175
#2	1.9002	.10026	1.3278	.26371	2.0117	3.2198	38.983
#3	1.8950	.09964	1.3492	.26451	2.0246	3.3078	39.450

Sample Name: S3 Acquired: 09/30/2019 11:07:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1307.0	2392.7	31791.	6214.0	2397.5
Stddev	8.4	7.8	198.	45.7	4.4
%RSD	.64443	.32528	.62170	.73619	.18303
#1	1298.3	2386.1	31563.	6237.4	2393.0
#2	1315.1	2390.6	31899.	6243.4	2398.0
#3	1307.6	2401.3	31912.	6161.3	2401.7

Sample Name: S5 Acquired: 09/30/2019 11:15:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.42252	.57381	13.821	.61445	1.3117	35.590	77.426	6.6019
Stddev	.00058	.00258	.034	.00146	.0007	.112	.582	.0449
%RSD	.13629	.45040	.24619	.23691	.05472	.31494	.75220	.68078

#1	.42315	.57314	13.845	.61601	1.3125	35.646	77.868	6.6450
#2	.42240	.57163	13.782	.61313	1.3114	35.460	76.766	6.5553
#3	.42202	.57667	13.836	.61422	1.3112	35.662	77.643	6.6052

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	21.873	48.051	5.9779	5.7182	6.9797	18.916	32.540	11.007
Stddev	.068	.278	.0110	.0189	.0189	.088	.219	.057
%RSD	.31190	.57929	.18333	.33033	.27075	.46648	.67431	.51390

#1	21.894	48.304	5.9767	5.7212	6.9768	18.996	32.711	11.062
#2	21.797	47.753	5.9676	5.6979	6.9625	18.821	32.293	10.949
#3	21.928	48.096	5.9894	5.7353	6.9999	18.931	32.617	11.011

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2059	1.2202	2.3955	.81057	21.251	7.4684	.44748	5.4763
Stddev	.0080	.0062	.0071	.00648	.030	.0113	.00126	.0418
%RSD	.24886	.50974	.29741	.79907	.14310	.15098	.28074	.76331

#1	3.2081	1.2272	2.4012	.81444	21.285	7.4584	.44676	5.5125
#2	3.1970	1.2154	2.3875	.80309	21.242	7.4664	.44676	5.4306
#3	3.2125	1.2179	2.3979	.81417	21.227	7.4806	.44893	5.4859

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	7.8097	.41130	4.9045	1.0427	7.9033	13.528	150.23
Stddev	.0020	.00147	.0308	.0034	.0227	.107	1.23
%RSD	.02596	.35751	.62832	.32576	.28682	.79123	.82056

#1	7.8111	.41134	4.9244	1.0451	7.9048	13.638	150.72
#2	7.8073	.40981	4.8690	1.0389	7.8799	13.425	151.15
#3	7.8105	.41275	4.9202	1.0442	7.9251	13.520	148.83

Sample Name: S5 Acquired: 09/30/2019 11:15:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	1067.9	2029.5	29432.	5929.2	2089.3
Stddev	4.4	.8	117.	39.5	6.2
%RSD	.41643	.04159	.39797	.66587	.29763
#1	1065.1	2028.5	29297.	5889.6	2087.1
#2	1065.5	2029.8	29508.	5968.6	2096.3
#3	1073.0	2030.1	29492.	5929.3	2084.5

Sample Name: S4 Acquired: 09/30/2019 11:11:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.20379	.30249	7.0493	.30892	.63434	17.890	39.171	3.4213
Stddev	.00017	.00105	.0075	.00053	.00052	.087	.560	.0207
%RSD	.08165	.34672	.10595	.17252	.08236	.48365	1.4299	.60350

#1	.20362	.30370	7.0527	.30946	.63455	17.853	39.435	3.4363
#2	.20381	.30189	7.0408	.30890	.63474	17.989	39.551	3.4298
#3	.20395	.30187	7.0545	.30839	.63375	17.829	38.528	3.3977

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.347	24.907	3.0947	2.9240	3.5580	9.9429	16.935	5.6548
Stddev	.006	.165	.0034	.0021	.0077	.0681	.090	.0415
%RSD	.05589	.66097	.11057	.07189	.21607	.68447	.53284	.73432

#1	11.350	24.858	3.0956	2.9257	3.5539	9.9446	16.924	5.6522
#2	11.340	25.091	3.0909	2.9216	3.5668	10.010	17.031	5.6976
#3	11.351	24.772	3.0976	2.9246	3.5532	9.8740	16.852	5.6147

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	1.6522	.60840	1.2207	.42028	10.090	3.7068	.22255	2.8494
Stddev	.0028	.00120	.0093	.00199	.016	.0055	.00054	.0147
%RSD	.17086	.19719	.76016	.47418	.16338	.14810	.24438	.51757

#1	1.6533	.60972	1.2178	.42158	10.108	3.7016	.22300	2.8626
#2	1.6490	.60738	1.2311	.42127	10.077	3.7126	.22194	2.8522
#3	1.6543	.60809	1.2133	.41799	10.084	3.7063	.22270	2.8335

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	3.8271	.20429	2.5368	.53009	4.0422	6.7624	77.440
Stddev	.0055	.00070	.0177	.00122	.0096	.0751	.603
%RSD	.14461	.34394	.69633	.22979	.23824	1.1104	.77854

#1	3.8332	.20494	2.5488	.53101	4.0449	6.7280	77.108
#2	3.8257	.20354	2.5451	.52871	4.0502	6.8485	78.136
#3	3.8224	.20438	2.5165	.53055	4.0315	6.7107	77.077

Sample Name: S4 Acquired: 09/30/2019 11:11:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1201.8	2243.2	30633.	6042.1	2247.8
Stddev	2.6	3.3	39.	28.3	2.9
%RSD	.21473	.14911	.12800	.46906	.12956
#1	1200.0	2239.3	30658.	6031.5	2246.0
#2	1200.6	2245.0	30653.	6020.6	2251.2
#3	1204.8	2245.2	30588.	6074.3	2246.2

Sample Name: S6 Acquired: 09/30/2019 11:19:50 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	92.026	75.182	49.442	17.995	6.5293
Stddev	.505	.588	.276	.099	.0405
%RSD	.54865	.78235	.55777	.55108	.61958

#1	91.491	75.813	49.497	18.013	6.5309
#2	92.494	74.649	49.143	17.889	6.4881
#3	92.092	75.084	49.686	18.085	6.5690

Int. Std.	Y_3710
Units	Cts/S
Avg	5807.0
Stddev	29.6
%RSD	.50987

#1	5783.8
#2	5840.3
#3	5796.8

Sample Name: ICV Acquired: 09/30/2019 11:24:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9505226	1.063882	.9964993	1.014739	.9824700	2.459515
Stddev	.0049515	.002953	.0031688	.002915	.0026192	.014276
%RSD	.5209203	.2775349	.3179929	.2872959	.2665933	.5804433

#1	.9455576	1.061474	.9932836	1.014428	.9800995	2.444039
#2	.9505498	1.067176	.9965953	1.011992	.9820286	2.462338
#3	.9554604	1.062995	.9996190	1.017798	.9852819	2.472169

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5121904	.4988275	.5065743	10.67911	.5155058	.5039983
Stddev	.0050557	.0046600	.0016283	.10724	.0020395	.0017309
%RSD	.9870804	.9341826	.3214279	1.004234	.3956298	.3434358

#1	.5063803	.4943740	.5051976	10.55798	.5139219	.5021882
#2	.5155883	.4984388	.5061537	10.71739	.5147885	.5041696
#3	.5146025	.5036696	.5083716	10.76196	.5178070	.5056373

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4846781	5.516208	.5145558	6.117996	.5191630	.5058057
Stddev	.0040763	.026419	.0040456	.046184	.0018578	.0021618
%RSD	.8410294	.4789407	.7862399	.7548847	.3578435	.4273993

#1	.4803985	5.486387	.5098957	6.077474	.5174024	.5042739
#2	.4851211	5.536688	.5171685	6.168281	.5189821	.5048647
#3	.4885149	5.525549	.5166031	6.108234	.5211047	.5082786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10662	.5204818	.9470255	9.547555	F .0044615	F .4372672
Stddev	.17026	.0047564	.0025544	.097141	.0011595	.0030247
%RSD	1.684631	.9138518	.2697303	1.017441	25.98976	.6917307

#1	9.93997	.5164078	.9494060	9.446445	.0031414	.4340781
#2	10.28027	.5193288	.9473435	9.640169	.0053151	.4376284
#3	10.09963	.5257087	.9443270	9.556050	.0049279	.4400951

Sample Name: ICV Acquired: 09/30/2019 11:24:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4124976	F .0098088	F .4379149	F .4064021	F .4335259	F .0082593
Stddev	.0008082	.0055661	.0058813	.0017084	.0015047	.0018249
%RSD	.1959345	56.74595	1.343031	.4203618	.3470889	22.09537

#1	.4116442	.0133427	.4327663	.4046918	.4318560	.0069415
#2	.4125971	.0033927	.4366539	.4081085	.4339453	.0103422
#3	.4132514	.0126911	.4443244	.4064060	.4347765	.0074942

Elem	Sr4077
Units	ppm
Avg	F .0116675
Stddev	.0000448
%RSD	.3841162

#1	.0116325
#2	.0116521
#3	.0117180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1417.311	2594.579	33080.39	6325.992	2710.829
Stddev	5.818	6.344	91.69	41.242	8.506
%RSD	.4105153	.2445022	.2771767	.6519488	.3137907

#1	1413.537	2592.324	33168.18	6365.058	2709.771
#2	1414.385	2601.742	32985.24	6330.044	2719.815
#3	1424.012	2589.671	33087.74	6282.873	2702.901

Sample Name: ICB Acquired: 09/30/2019 11:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	-.000026	.0015947	-.001272	-.000636	-.002608	.0111794	-.000365
Stddev	.003504	.0022065	.000704	.000485	.000365	.0094209	.000537
%RSD	13379.51	138.3643	55.35083	76.28192	14.01041	84.27061	147.0995

#1	.001502	.0041396	-.001813	-.001132	-.002282	.0004391	.000254
#2	-.004035	.0004284	-.000476	-.000163	-.002539	.0180459	-.000657
#3	.002454	.0002161	-.001527	-.000612	-.003003	.0150531	-.000692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000661	.0000114	.0101319	.0000940	-.000104	.0007188	.0078826
Stddev	.0000552	.0000283	.0097256	.0003964	.000136	.0008097	.0017693
%RSD	83.52309	248.5897	95.98956	421.4887	129.9288	112.6518	22.44526

#1	.0001298	-.000003	.0005477	-.000241	-.000038	-.000206	.0076621
#2	.0000306	.000044	.0199930	.000532	-.000015	.001065	.0097518
#3	.0000380	-.000006	.0098551	-.000008	-.000261	.001298	.0062340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004940	-.011882	-.000222	-.000365	.1773825	-.002111	-.001021
Stddev	.0003440	.009154	.000302	.000084	.2325561	.001764	.001080
%RSD	69.62960	77.04241	135.7312	23.05590	131.1043	83.56623	105.7848

#1	.0007928	-.009365	-.000505	-.000415	.3505733	-.002910	-.001581
#2	.0005713	-.004250	-.000259	-.000268	.2685118	-.003333	.000224
#3	.0001180	-.022032	.000096	-.000413	-.086938	-.000089	-.001705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030694	-.000478	.0043097	.0001260	-.007218	-.002428	.0011008
Stddev	.071010	.001329	.0007807	.0000866	.004279	.000635	.0002794
%RSD	231.3442	277.9104	18.11537	68.73018	59.28801	26.13796	25.38012

#1	-.108890	-.001165	.0045282	.0000776	-.006568	-.001699	.0014069
#2	.029768	.001053	.0049578	.0000743	-.003301	-.002725	.0008596
#3	-.012961	-.001323	.0034430	.0002259	-.011785	-.002859	.0010360

Sample Name: ICB Acquired: 09/30/2019 11:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004082	.0021629	-.000068
Stddev	.0001347	.0007922	.000041
%RSD	33.00131	36.62791	60.08406

#1	.0005421	.0014146	-.000021
#2	.0002727	.0020815	-.000091
#3	.0004099	.0029928	-.000093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1431.365	2616.783	33073.78	6267.237	2737.277
Stddev	4.942	4.590	54.92	28.442	3.403
%RSD	.3452916	.1753876	.1660510	.4538201	.1243137

#1	1436.362	2619.593	33022.65	6236.591	2741.093
#2	1426.479	2619.268	33131.83	6272.336	2736.180
#3	1431.255	2611.487	33066.87	6292.785	2734.558

Sample Name: ICSA Acquired: 09/30/2019 11:32:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018371	-.001027	-.006897	.0035545	-.001723	231.4599
Stddev	.0025622	.002801	.001609	.0028927	.002543	1.5377
%RSD	139.4705	272.7775	23.32769	81.38255	147.5924	.6643488

#1	.0000396	-.003579	-.007660	.0020544	-.003227	229.9243
#2	.0047710	.001970	-.005048	.0068892	.001213	231.4558
#3	.0007007	-.001471	-.007982	.0017199	-.003155	232.9997

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056384	.0012179	-.000330	250.2076	.0486223	.0009872
Stddev	.0004009	.0000612	.000204	2.9514	.0007082	.0001191
%RSD	7.110245	5.022626	61.72291	1.179580	1.456502	12.06816

#1	.0051783	.0012831	-.000336	247.3583	.0493117	.0010648
#2	.0059127	.0012090	-.000124	250.0129	.0486585	.0010468
#3	.0058242	.0011617	-.000532	253.2515	.0478968	.0008500

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000926	100.2497	.0121756	251.6222	.0038941	-.007945
Stddev	.003100	1.1267	.0001510	3.0959	.0003468	.000153
%RSD	334.6988	1.123938	1.240167	1.230362	8.906722	1.922603

#1	.002637	99.2834	.0122570	248.9590	.0035236	-.007807
#2	-.003008	99.9784	.0122685	250.8886	.0039476	-.007918
#3	-.002408	101.4873	.0120014	255.0190	.0042110	-.008109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.204280	.0007357	.0008452	-.231156	.0025790	F .1478912
Stddev	.163275	.0029071	.0002186	.048172	.0027332	.0025071
%RSD	79.92736	395.1823	25.86112	20.83957	105.9801	1.695227

#1	-.055238	.0040924	.0010112	-.286526	.0056530	.1454262
#2	-.378794	-.000919	.0005975	-.198873	.0016606	.1478091
#3	-.178806	-.000966	.0009268	-.208068	.0004232	.1504384

Sample Name: ICSA Acquired: 09/30/2019 11:32:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005541	F -.013383	F -.005005	-.005207	F -.000578	W .0040016
Stddev	.0003863	.002828	.000353	.001565	.000480	.0015761
%RSD	69.72392	21.12835	7.048912	30.06046	83.05714	39.38680

#1	.0001283	-.010195	-.005397	-.005562	-.000357	.0044415
#2	.0006518	-.015588	-.004714	-.003494	-.001130	.0053111
#3	.0008821	-.014365	-.004904	-.006564	-.000249	.0022523

Elem	Sr4077
Units	ppm
Avg	F .0952349
Stddev	.0001663
%RSD	.1745808

#1	.0950571
#2	.0953866
#3	.0952610

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.397	2432.165	30946.85	6023.010	2365.210
Stddev	4.540	3.497	217.25	22.726	3.767
%RSD	.3422902	.1437801	.7020003	.3773204	.1592761

#1	1326.620	2434.771	30946.22	6039.864	2366.339
#2	1330.822	2433.533	31164.42	6032.002	2368.284
#3	1321.750	2428.191	30729.92	5997.163	2361.008

Sample Name: CCV072 Acquired: 09/30/2019 11:48:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.688851	4.736759	24.15921	4.675427	4.741142	389.4414	10.04919
Stddev	.015640	.003674	.01199	.009944	.011819	3.6223	.03654
%RSD	.3335526	.0775690	.0496127	.2126929	.2492819	.9301396	.3636124

#1	4.706892	4.734653	24.14975	4.676978	4.752455	385.3686	10.04799
#2	4.680545	4.741002	24.15519	4.664798	4.728875	392.3028	10.01326
#3	4.679117	4.734623	24.17269	4.684505	4.742097	390.6527	10.08631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4980670	2.411485	408.7277	14.71320	2.450364	14.62583	408.0124
Stddev	.0021154	.000291	3.4739	.01701	.001753	.01596	2.0125
%RSD	.4247215	.0120853	.8499386	.1156379	.0715275	.1091184	.4932455

#1	.4956449	2.411358	405.8913	14.71962	2.450248	14.60741	406.2879
#2	.4990041	2.411819	412.6024	14.69391	2.452173	14.63511	410.2236
#3	.4995519	2.411279	407.6894	14.72606	2.448673	14.63498	407.5255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.86424	399.5173	2.445491	1.251865	398.5225	2.461941	14.20118
Stddev	.11611	2.7471	.002080	.004596	2.2553	.005900	.08965
%RSD	.7811616	.6875962	.0850448	.3671466	.5659270	.2396633	.6312668

#1	14.76545	396.7373	2.443492	1.247403	396.8652	2.455221	14.11907
#2	14.99214	402.2302	2.445338	1.251606	401.0909	2.464325	14.29683
#3	14.83512	399.5845	2.447643	1.256585	397.6115	2.466276	14.18765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.8436	4.843085	5.327497	4.742848	4.876577	4.852866	4.891687
Stddev	.4031	.019651	.019388	.004823	.006437	.012547	.004855
%RSD	.2690016	.4057520	.3639241	.1016834	.1319975	.2585483	.0992531

#1	149.4341	4.862900	5.305389	4.748416	4.883927	4.838431	4.895698
#2	150.2399	4.823603	5.341602	4.740138	4.873860	4.859010	4.886289
#3	149.8569	4.842752	5.335501	4.739990	4.871945	4.861157	4.893074

Sample Name: CCV072 Acquired: 09/30/2019 11:48:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.922656	5.138273	4.911682
Stddev	.016648	.070560	.042177
%RSD	.3381987	1.373215	.8587132

#1	4.904204	5.096417	4.867505
#2	4.936551	5.219737	4.951525
#3	4.927213	5.098663	4.916014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.686	2177.721	29078.19	5812.740	2129.145
Stddev	7.420	4.336	43.58	30.146	2.777
%RSD	.6425975	.1991128	.1498685	.5186270	.1304289

#1	1161.916	2173.113	29127.66	5842.030	2126.051
#2	1147.090	2181.721	29061.44	5781.804	2131.423
#3	1155.051	2178.330	29045.47	5814.387	2129.959

Sample Name: ICSAB Acquired: 09/30/2019 11:36:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909476	.1033660	.0418161	.0531385	.5691922	232.9225
Stddev	.0032447	.0041584	.0011587	.0031473	.0034020	.5954
%RSD	3.567597	4.022975	2.770842	5.922758	.5976844	.2556420

#1	.0903692	.1039351	.0419036	.0510655	.5672109	233.3817
#2	.0880311	.0989523	.0406162	.0515900	.5672453	232.2497
#3	.0944426	.1072105	.0429286	.0567600	.5731204	233.1361

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5198151	.4916500	.9848666	252.6947	.5333010	.4889839
Stddev	.0007156	.0032636	.0015556	.7386	.0013017	.0005122
%RSD	.1376722	.6638057	.1579460	.2922909	.2440882	.1047437

#1	.5205487	.4916565	.9833601	253.4425	.5346678	.4884284
#2	.5191189	.4949104	.9847726	251.9656	.5331593	.4894375
#3	.5197778	.4883832	.9864670	252.6761	.5320760	.4890857

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4503242	101.4423	.5058047	254.1343	.9876718	.1980069
Stddev	.0026650	.5235	.0014847	1.2502	.0020134	.0000941
%RSD	.5917903	.5160352	.2935303	.4919320	.2038573	.0475357

#1	.4497184	101.9879	.5074342	255.2782	.9859662	.1979008
#2	.4480144	100.9441	.5045287	252.7998	.9871564	.1980804
#3	.4532400	101.3951	.5054512	254.3250	.9898928	.1980395

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.337757	.5039614	.8940407	-.220707	.0057352	F .1452960
Stddev	.214824	.0025822	.0148451	.074386	.0049015	.0003175
%RSD	63.60322	.5123791	1.660451	33.70342	85.46381	.2185173

#1	-.289039	.5049943	.8960511	-.134888	.0012877	.1455880
#2	-.572756	.5058673	.8782929	-.260526	.0049275	.1449580
#3	-.151475	.5010227	.9077782	-.266707	.0109904	.1453420

Sample Name: ICSAB Acquired: 09/30/2019 11:36:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004779	F -.009810	F -.004039	-.003932	F -.000153	W .0031964
Stddev	.0001808	.006062	.000135	.001463	.000980	.0015910
%RSD	37.83513	61.79207	3.335387	37.20895	641.5940	49.77445

#1	.0005068	-.011889	-.003892	-.005577	.000852	.0044827
#2	.0006426	-.014559	-.004068	-.003443	-.000204	.0014173
#3	.0002844	-.002982	-.004156	-.002776	-.001106	.0036891

Elem	Sr4077
Units	ppm
Avg	F .0960563
Stddev	.0001623
%RSD	.1689580

#1	.0962246
#2	.0959007
#3	.0960436

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.112	2429.633	30821.94	6062.700	2372.419
Stddev	11.438	4.720	243.75	8.569	4.659
%RSD	.8677866	.1942490	.7908286	.1413413	.1963793

#1	1319.873	2427.355	30737.99	6058.496	2372.933
#2	1328.569	2435.060	31096.57	6057.045	2376.800
#3	1305.896	2426.485	30631.26	6072.559	2367.525

Sample Name: CCB072 Acquired: 09/30/2019 11:52:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009644	-.000578	-.000643	-.001111	-.004294	.0085231	.0000277
Stddev	.0031617	.001263	.000630	.000971	.001579	.0122318	.0002266
%RSD	327.8406	218.5086	97.97102	87.39892	36.77836	143.5145	816.9078

#1	.0020929	.000280	-.001359	-.001628	-.004167	.0181469	.0002663
#2	-.002607	.000015	-.000172	.000009	-.005933	-.005242	.0000014
#3	.003407	-.002029	-.000398	-.001715	-.002782	.012664	-.000185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001179	.0000561	.0173188	.0002050	.0001451	.0010630	.0223148
Stddev	.0000445	.0000237	.0020744	.0003098	.0001613	.0026498	.0090515
%RSD	37.76237	42.33556	11.97740	151.1601	111.1554	249.2677	40.56298

#1	.0000715	.0000556	.0197141	-.000068	-.000025	.0028675	.0223477
#2	.0001221	.0000800	.0161289	.000542	.000296	-.001979	.0313498
#3	.0001602	.0000326	.0161135	.000141	.000164	.002301	.0132468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007659	.0069095	.0004814	-.000376	.1793385	.0002542	-.001746
Stddev	.0002675	.0113443	.0003443	.000206	.2954969	.0013182	.000358
%RSD	34.93137	164.1834	71.52438	54.80090	164.7705	518.5843	20.50774

#1	.0006680	.0074273	.0000876	-.000228	.5205461	.0011851	-.001344
#2	.0005611	.0179860	.0006310	-.000611	.0099475	-.001254	-.002030
#3	.0010686	-.004685	.0007256	-.000288	.0075219	.000832	-.001865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648027	.0002594	.0095352	.0007944	-.010087	-.003572	.0016361
Stddev	.0453702	.0030088	.0005148	.0000395	.003702	.000198	.0003950
%RSD	70.01280	1159.982	5.399171	4.968539	36.69937	5.540074	24.14369

#1	.0939746	.0019585	.0098552	.0007522	-.013638	-.003477	.0019890
#2	.0125312	-.003215	.0098091	.0008304	-.006251	-.003439	.0017101
#3	.0879023	.002034	.0089414	.0008005	-.010373	-.003799	.0012094

Sample Name: CCB072 Acquired: 09/30/2019 11:52:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006683	.0068516	.0001136
Stddev	.0006061	.0018078	.0000152
%RSD	90.70450	26.38520	13.39007

#1	-.000016	.0070105	.0001121
#2	.001136	.0085747	.0000993
#3	.000885	.0049696	.0001296

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.478	2597.252	32600.71	6106.252	2718.973
Stddev	9.110	4.804	139.84	58.237	2.315
%RSD	.6467777	.1849676	.4289404	.9537291	.0851241

#1	1411.105	2591.705	32630.51	6136.828	2716.417
#2	1415.986	2600.035	32723.24	6142.833	2719.579
#3	1398.343	2600.017	32448.37	6039.095	2720.925

Sample Name: PB123428BL Acquired: 09/30/2019 11:59:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS428 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017527	-.000765	-.001318	.0008834	-.002570	.0023998	-.000158
Stddev	.0030383	.000210	.001003	.0007496	.000422	.0039531	.000424
%RSD	173.3476	27.38512	76.15559	84.85642	16.43065	164.7280	267.8192

#1	-.001416	-.000709	-.002040	.0013396	-.002572	-.001100	-.000528
#2	.004641	-.000589	-.001741	.0012923	-.002991	.006688	-.000251
#3	.002034	-.000997	-.000172	.0000182	-.002147	.001611	.000304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001147	-.000028	-.001560	.0000994	.0001280	.0009057	.0086865
Stddev	.0000735	.000048	.014709	.0006618	.0001408	.0025828	.0016832
%RSD	64.08303	173.0871	942.6193	665.6766	110.0281	285.1866	19.37741

#1	.0000450	-.000046	-.014891	-.000617	.0001189	.0010714	.0072100
#2	.0001078	.000027	-.004010	.000226	.0002732	.0034016	.0105194
#3	.0001915	-.000065	.014220	.000689	-.000008	-.001756	.0083301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003042	-.023851	.0003485	-.000441	-.185041	-.002739	.0007850
Stddev	.0002716	.014184	.0004166	.000437	.245698	.001383	.0009108
%RSD	89.26620	59.46917	119.5566	99.02716	132.7803	50.47554	116.0332

#1	.0000090	-.011138	-.000123	-.000215	-.191627	-.001861	-.000226
#2	.0005434	-.039149	.000668	-.000944	.063884	-.002023	.001542
#3	.0003603	-.021264	.000500	-.000163	-.427380	-.004333	.001039

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034766	-.001867	.0008004	.0001923	-.009041	-.005232	.0005987
Stddev	.044938	.001284	.0006495	.0002742	.003244	.000641	.0007161
%RSD	129.2575	68.79412	81.15184	142.5963	35.88031	12.24361	119.6066

#1	.001543	-.002034	.0000550	-.000124	-.006009	-.005921	.0002688
#2	-.085025	-.000507	.0011015	.000342	-.008652	-.004655	.0014203
#3	-.020817	-.003059	.0012447	.000359	-.012461	-.005119	.0001070

Sample Name: PB123428BL Acquired: 09/30/2019 11:59:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS428 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003212	.0027552	-.000011
Stddev	.0006775	.0006862	.000070
%RSD	210.9305	24.90642	652.6557

#1	.0002757	.0023580	.000070
#2	-.000332	.0023600	-.000043
#3	.001020	.0035475	-.000059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.587	2589.740	32615.45	6124.156	2713.792
Stddev	.835	6.776	232.10	20.336	5.650
%RSD	.0593795	.2616514	.7116327	.3320603	.2081951

#1	1405.477	2583.002	32858.05	6144.675	2710.383
#2	1404.814	2589.663	32592.80	6104.008	2710.679
#3	1406.472	2596.554	32395.50	6123.783	2720.313

Sample Name: PB123428BS Acquired: 09/30/2019 12:03:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS428 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209892	.0501135	.0176026	.0693085	.1138034	.3943762
Stddev	.0015348	.0012594	.0008576	.0011207	.0016165	.0063502
%RSD	7.312571	2.513116	4.871881	1.616915	1.420427	1.610198

#1	.0199738	.0514191	.0185911	.0699928	.1150924	.3977463
#2	.0202389	.0489061	.0171590	.0680152	.1119898	.3870514
#3	.0227549	.0500153	.0170578	.0699176	.1143280	.3983310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4089677	.0102551	.0096674	10.52944	.0208399	.0949353
Stddev	.0037338	.0000301	.0000517	.09258	.0002268	.0000907
%RSD	.9129789	.2937847	.5350705	.8792956	1.088375	.0955461

#1	.4122097	.0102895	.0097078	10.63469	.0205862	.0948435
#2	.4098080	.0102333	.0096091	10.49304	.0209107	.0950249
#3	.4048854	.0102427	.0096852	10.46058	.0210229	.0949376

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442942	.2147583	.0330616	10.07268	.0797130	.0205701
Stddev	.0002441	.0057426	.0004679	.04629	.0002225	.0002196
%RSD	.5510820	2.673971	1.415078	.4595793	.2791183	1.067390

#1	.0443865	.2136517	.0335975	10.11872	.0798887	.0203601
#2	.0440174	.2209736	.0328524	10.07318	.0794628	.0205521
#3	.0444787	.2096495	.0327348	10.02614	.0797874	.0207982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.689009	.1013044	.1048836	9.034214	.0175170	F .0198032
Stddev	.302858	.0011554	.0035331	.044114	.0019839	.0011692
%RSD	3.125792	1.140492	3.368572	.4882988	11.32586	5.904155

#1	9.392383	.1003913	.1089567	9.083078	.0195994	.0208364
#2	9.676906	.1009186	.1030468	8.997320	.0156489	.0200393
#3	9.997737	.1026033	.1026473	9.022246	.0173026	.0185340

Sample Name: PB123428BS Acquired: 09/30/2019 12:03:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS428 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195068	.1585656	.1946665	.0124868	.1917760	F .0949187
Stddev	.0002772	.0055147	.0015065	.0001936	.0005956	.0033839
%RSD	1.421293	3.477862	.7738798	1.550359	.3105499	3.565017

#1	.0197914	.1545312	.1956553	.0126004	.1922117	.0974251
#2	.0194915	.1648495	.1954115	.0122633	.1910973	.0962613
#3	.0192376	.1563161	.1929327	.0125967	.1920189	.0910695

Elem	Sr4077
Units	ppm
Avg	.1906651
Stddev	.0002877
%RSD	.1508798

#1	.1903402
#2	.1907678
#3	.1908873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.862	2582.920	32347.36	6050.631	2715.613
Stddev	6.596	3.795	99.49	21.807	7.698
%RSD	.4705450	.1469293	.3075800	.3604115	.2834561

#1	1408.737	2579.620	32356.14	6025.560	2714.314
#2	1401.265	2587.067	32442.17	6061.136	2723.877
#3	1395.585	2582.073	32243.76	6065.197	2708.647

Sample Name: PB123453BL Acquired: 09/30/2019 12:07:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS453 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006563	-.002224	-.000944	-.003894	-.004227	-.002430	.0001071
Stddev	.0007517	.002053	.000951	.002335	.002190	.006488	.0003801
%RSD	114.5385	92.30046	100.7598	59.96824	51.81505	267.0323	354.9607

#1	.0003986	-.004063	-.001117	-.005648	-.006748	.005031	-.000127
#2	.0015030	-.002599	-.001798	-.004792	-.003130	-.006749	.000546
#3	.0000673	-.000010	.000082	-.001243	-.002801	-.005572	-.000097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000900	-.000033	.0066117	-.000370	.0001214	.0019573	.0059772
Stddev	.0000275	.000036	.0092312	.000435	.0000278	.0005584	.0033134
%RSD	30.51912	108.2745	139.6182	117.5507	22.88240	28.52989	55.43455

#1	.0000737	-.000001	.0151820	-.000017	.0001427	.0025790	.0028698
#2	.0000746	-.000026	.0078154	-.000855	.0001316	.0014983	.0094640
#3	.0001217	-.000072	-.003162	-.000237	.0000900	.0017947	.0055978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003239	-.016081	-.000079	-.000326	.1486243	-.002743	-.000941
Stddev	.0002268	.027884	.000144	.000288	.1221191	.001458	.001345
%RSD	70.03368	173.3960	181.5805	88.23367	82.16629	53.13838	142.8927

#1	.0002893	-.009237	-.000224	-.000241	.2246490	-.003847	-.000672
#2	.0001164	-.046751	.000064	-.000091	.2134626	-.003292	.000249
#3	.0005661	.007744	-.000077	-.000647	.0077613	-.001091	-.002401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081438	-.001819	-.001544	.0002898	-.011470	-.005032	-.000484
Stddev	.055864	.001229	.000638	.0001868	.004345	.000683	.000822
%RSD	68.59698	67.60709	41.34048	64.47396	37.88248	13.58286	169.9860

#1	-.123404	-.002312	-.002243	.0004875	-.006506	-.004290	-.000727
#2	-.018029	-.000419	-.000991	.0001162	-.014586	-.005635	.000433
#3	-.102881	-.002724	-.001398	.0002655	-.013318	-.005172	-.001156

Sample Name: PB123453BL Acquired: 09/30/2019 12:07:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS453 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007262	.0005904	-.000047
Stddev	.0001990	.0015297	.000023
%RSD	27.40673	259.1164	47.90030

#1	.0009228	.0019538	-.000021
#2	.0007312	-.001064	-.000062
#3	.0005248	.000881	-.000058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.713	2604.243	32427.14	6049.528	2731.543
Stddev	12.488	3.267	206.42	36.000	1.315
%RSD	.8883476	.1254566	.6365788	.5950852	.0481431

#1	1418.002	2607.834	32596.29	6008.507	2732.309
#2	1393.035	2603.450	32487.99	6075.869	2732.294
#3	1406.103	2601.445	32197.12	6064.206	2730.024

Sample Name: K5051-03 Acquired: 09/30/2019 12:23:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMB6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475720	.0007322	.0553570	.0026172	.0018036	150.8505	.7450480
Stddev	.0017389	.0034216	.0014404	.0035407	.0011649	1.0946	.0055771
%RSD	3.655296	467.3160	2.601974	135.2850	64.59064	.7256477	.7485512

#1	.0495145	.0005242	.0563306	.0001501	.0009967	152.0337	.7507045
#2	.0470409	.0042530	.0560379	.0066742	.0031391	150.6440	.7448855
#3	.0461605	-.002581	.0537024	.0010273	.0012749	149.8738	.7395539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056682	-.000721	103.7955	.2399533	.1425388	.3660284	318.8602
Stddev	.0000363	.000163	.9380	.0004018	.0007150	.0077399	3.5548
%RSD	.6395345	22.65159	.9036920	.1674712	.5015909	2.114563	1.114852

#1	.0056264	-.000833	104.8657	.2403332	.1433381	.3746014	322.8863
#2	.0056887	-.000533	103.4047	.2395326	.1423180	.3595545	317.5395
#3	.0056896	-.000795	103.1160	.2399941	.1419602	.3639294	316.1547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.626187	100.9530	.3426416	-.022462	1.918728	.5790577	.5351877
Stddev	.051576	.9719	.0010698	.000388	.134709	.0064790	.0042220
%RSD	.9167181	.9627093	.3122127	1.726747	7.020727	1.118880	.7888866

#1	5.679106	102.0516	.3438768	-.022036	1.992382	.5864815	.5393064
#2	5.623386	100.6019	.3420126	-.022555	1.763252	.5761476	.5353873
#3	5.576068	100.2055	.3420355	-.022795	2.000551	.5745441	.5308694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.321335	7.664437	.5180010	.0020820	.6107207	3.686270	-.001705
Stddev	.042145	.019439	.0069649	.0005464	.0075549	.036819	.002310
%RSD	.7919998	.2536235	1.344566	26.24141	1.237044	.9988233	135.5072

#1	5.331770	7.643634	.5250199	.0015016	.6163786	3.726757	-.003765
#2	5.357283	7.682138	.5178918	.0021581	.6136422	3.677263	.000793
#3	5.274953	7.667541	.5110915	.0025863	.6021413	3.654790	-.002143

Sample Name: K5051-03 Acquired: 09/30/2019 12:23:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.136545	.1655914	.5119674
Stddev	.065768	.0012340	.0036980
%RSD	.8083048	.7452141	.7223123

#1	8.203906	.1662074	.5154977
#2	8.133237	.1641707	.5122828
#3	8.072494	.1663962	.5081219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.369	2781.958	34823.94	6739.021	2508.898
Stddev	4.195	2.067	76.03	57.360	.666
%RSD	.2795904	.0743156	.2183251	.8511630	.0265482

#1	1495.602	2783.142	34736.48	6675.375	2509.603
#2	1502.012	2783.161	34874.33	6754.970	2508.279
#3	1503.494	2779.571	34861.00	6786.720	2508.812

Sample Name: K5051-02 Acquired: 09/30/2019 12:19:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868647	.0044267	.0606668	.0095801	-.000160	106.5605	.5418068
Stddev	.0032684	.0025377	.0018759	.0021434	.002112	.3524	.0044025
%RSD	3.762629	57.32693	3.092118	22.37353	1318.544	.3306838	.8125533

#1	.0835739	.0062512	.0608142	.0120546	-.001938	106.6198	.5451194
#2	.0869100	.0055001	.0624646	.0083034	.002174	106.1822	.5368111
#3	.0901102	.0015287	.0587215	.0083821	-.000717	106.8794	.5434899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046572	-.000520	70.36282	.1993628	.0987647	.2705784	228.1247
Stddev	.0001099	.000095	.55051	.0029160	.0004110	.0012040	1.7956
%RSD	2.359668	18.17780	.7823933	1.462658	.4161961	.4449647	.7870949

#1	.0045528	-.000618	70.69608	.2006414	.0991705	.2692395	229.0301
#2	.0046470	-.000430	69.72739	.2014211	.0987749	.2709237	226.0567
#3	.0047719	-.000512	70.66499	.1960259	.0983486	.2715720	229.2874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.552144	70.17457	.2644111	-.015459	2.594277	.3183845	.4842531
Stddev	.032908	.56456	.0009468	.000378	.193014	.0033016	.0053643
%RSD	.9264394	.8045074	.3580851	2.445122	7.439999	1.036976	1.107738

#1	3.560162	70.36363	.2653923	-.015170	2.554028	.3187277	.4829410
#2	3.515968	69.53975	.2643380	-.015887	2.804243	.3149248	.4901517
#3	3.580303	70.62034	.2635029	-.015321	2.424561	.3215011	.4796667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.379732	9.451763	.3647174	.0047833	21.03790	4.877856	.0022146
Stddev	.077673	.017330	.0042176	.0002444	.02399	.080746	.0017951
%RSD	.9269124	.1833555	1.156413	5.110247	.1140397	1.655350	81.05827

#1	8.358201	9.458215	.3664225	.0046505	21.05636	4.967377	.0032383
#2	8.315096	9.432132	.3599141	.0050653	21.04657	4.855664	.0032637
#3	8.465899	9.464941	.3678155	.0046339	21.01078	4.810527	.0001418

Sample Name: K5051-02 Acquired: 09/30/2019 12:19:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.161455	.1819721	.3673499
Stddev	.009671	.0027070	.0006699
%RSD	.1873649	1.487589	.1823729

#1	5.158518	.1850586	.3679192
#2	5.153593	.1800012	.3666116
#3	5.172253	.1808564	.3675188

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1529.253	2814.639	35466.45	6782.484	2576.132
Stddev	10.558	2.663	246.28	78.683	4.274
%RSD	.6904080	.0946220	.6944115	1.160085	.1659266

#1	1527.179	2816.812	35527.94	6735.041	2574.427
#2	1519.887	2815.435	35195.24	6873.308	2572.973
#3	1540.695	2811.668	35676.15	6739.102	2580.996

Sample Name: K5051-05 Acquired: 09/30/2019 12:31:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547532	-.000675	.7851665	.0021761	.0066074	131.7753	.5673793
Stddev	.0059989	.001501	.0026113	.0064399	.0014789	.5129	.0046294
%RSD	10.95633	222.3898	.3325735	295.9341	22.38184	.3892474	.8159249

#1	.0616158	.000905	.7861820	-.004761	.0082931	131.2006	.5620399
#2	.0521378	-.002082	.7822001	.007964	.0060004	131.9384	.5702712
#3	.0505059	-.000847	.7871175	.003325	.0055285	132.1868	.5698269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047911	-.000604	98.50197	.1932153	.1159883	4.660373	275.5374
Stddev	.0001482	.000043	.57893	.0002257	.0005022	.016295	1.4016
%RSD	3.093589	7.134758	.5877320	.1168126	.4329872	.3496404	.5086936

#1	.0046612	-.000558	97.84775	.1930960	.1155493	4.653812	273.9455
#2	.0049526	-.000613	98.94804	.1930743	.1165359	4.648381	276.5865
#3	.0047595	-.000643	98.71013	.1934756	.1158798	4.678925	276.0801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.279364	86.75397	.2602865	-.018943	1.587857	.4779334	1.028866
Stddev	.029070	.58100	.0007531	.000592	.204302	.0007370	.011363
%RSD	.5506359	.6697151	.2893540	3.124504	12.86650	.1542060	1.104388

#1	5.246132	86.08743	.2609589	-.019393	1.770782	.4773977	1.031819
#2	5.300077	87.15329	.2594726	-.018272	1.367387	.4787739	1.016318
#3	5.291883	87.02118	.2604280	-.019164	1.625404	.4776287	1.038460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.128860	6.395973	.4565986	.0012544	1.150521	4.177570	.0139133
Stddev	.057265	.007534	.0024337	.0001567	.002656	.020200	.0001149
%RSD	1.116518	.1177868	.5330107	12.49431	.2308885	.4835256	.8259338

#1	5.130307	6.394042	.4547367	.0010898	1.149247	4.169184	.0138037
#2	5.070886	6.404284	.4593525	.0012714	1.153574	4.200611	.0140329
#3	5.185388	6.389592	.4557066	.0014018	1.148742	4.162913	.0139032

Sample Name: K5051-05 Acquired: 09/30/2019 12:31:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMB9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.312400	.1423107	.4512466
Stddev	.023625	.0006462	.0005600
%RSD	.3742637	.4541066	.1241091

#1	6.287078	.1427256	.4506245
#2	6.316274	.1426404	.4514048
#3	6.333849	.1415661	.4517105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.548	2756.840	34677.77	6630.298	2541.219
Stddev	7.485	2.852	153.45	31.774	3.763
%RSD	.5041605	.1034592	.4425034	.4792245	.1480924

#1	1487.608	2758.435	34778.29	6666.596	2536.963
#2	1490.018	2758.539	34753.88	6607.519	2542.586
#3	1476.019	2753.547	34501.14	6616.780	2544.108

Sample Name: K5051-04 Acquired: 09/30/2019 12:27:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1180928	-.001158	.1405057	.0074305	.0052353	213.6726	1.295336
Stddev	.0074722	.003033	.0044267	.0022586	.0018438	.5967	.008178
%RSD	6.327355	261.8067	3.150539	30.39675	35.21850	.2792818	.6313622

#1	.1095102	-.004052	.1368088	.0100274	.0070755	213.9850	1.295936
#2	.1216176	.001996	.1392972	.0059231	.0033880	214.0483	1.303198
#3	.1231506	-.001419	.1454112	.0063411	.0052424	212.9845	1.286874

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096357	-.001344	55.51331	.4353622	.2213377	.4910754	444.0550
Stddev	.0001677	.000110	.32112	.0009503	.0001960	.0039120	.8502
%RSD	1.740483	8.211566	.5784586	.2182877	.0885702	.7966101	.1914689

#1	.0095291	-.001470	55.51617	.4345483	.2211720	.4955912	444.4198
#2	.0098291	-.001294	55.83299	.4364066	.2212869	.4887217	444.6619
#3	.0095491	-.001267	55.19076	.4351317	.2215541	.4889134	443.0832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.673210	135.1767	.5929409	-.030056	7.403685	.6279683	1.056617
Stddev	.018839	.2784	.0006429	.000573	.135438	.0025445	.008922
%RSD	.2823065	.2059310	.1084336	1.906326	1.829329	.4051910	.8443714

#1	6.679212	135.3879	.5923031	-.029435	7.262886	.6276285	1.053412
#2	6.688317	135.2811	.5935889	-.030168	7.415136	.6306655	1.049741
#3	6.652101	134.8613	.5929307	-.030564	7.533034	.6256107	1.066699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.34760	8.080330	.7012042	.0011333	.5193147	2.373688	.0019693
Stddev	.13822	.034426	.0001478	.0004802	.0032542	.026329	.0013423
%RSD	.4876020	.4260422	.0210724	42.37561	.6266299	1.109218	68.15929

#1	28.50090	8.113153	.7010336	.0007345	.5173001	2.363824	.0005207
#2	28.23249	8.083339	.7012932	.0009989	.5230690	2.403525	.0031709
#3	28.30941	8.044499	.7012858	.0016664	.5175751	2.353714	.0022164

Sample Name: K5051-04 Acquired: 09/30/2019 12:27:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.49772	.4135599	.3493695
Stddev	.02054	.0043047	.0006574
%RSD	.1956973	1.040889	.1881747

#1	10.50679	.4104334	.3500150
#2	10.51217	.4184697	.3487008
#3	10.47420	.4117767	.3493926

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.543	2916.780	36535.74	7022.316	2476.257
Stddev	1.699	2.707	140.94	56.579	4.424
%RSD	.1084799	.0928063	.3857664	.8056989	.1786627

#1	1564.585	2917.159	36373.01	7002.756	2480.696
#2	1567.419	2913.904	36615.06	6978.112	2471.848
#3	1567.626	2919.277	36619.16	7086.079	2476.229

Sample Name: K5051-07 Acquired: 09/30/2019 12:39:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2461698	.0044734	.1447940	.0023742	.0057289	216.1202	1.107834
Stddev	.0015755	.0023558	.0006870	.0049343	.0044213	.4038	.004480
%RSD	.6399930	52.66163	.4744362	207.8295	77.17595	.1868418	.4043540

#1	.2452854	.0071745	.1454354	.0043821	.0099689	216.5843	1.111192
#2	.2452352	.0034013	.1448774	-.003247	.0060715	215.9272	1.109562
#3	.2479888	.0028444	.1440691	.005988	.0011462	215.8491	1.102748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091722	-.000561	56.95109	.4211229	.2229217	.4933369	446.0361
Stddev	.0001281	.000030	.21028	.0009339	.0003717	.0021513	1.8831
%RSD	1.396055	5.308617	.3692291	.2217587	.1667351	.4360809	.4221942

#1	.0092888	-.000594	57.17290	.4213332	.2233507	.4956532	448.1742
#2	.0091927	-.000536	56.92573	.4201018	.2226952	.4914014	445.3104
#3	.0090352	-.000554	56.75465	.4219337	.2227192	.4929561	444.6238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.032301	138.5326	.5558814	-.030827	4.610578	.6183816	1.037663
Stddev	.065135	.6807	.0001620	.000314	.434662	.0002121	.004295
%RSD	.8109115	.4913667	.0291470	1.018654	9.427487	.0342913	.4138899

#1	8.091040	139.3026	.5556946	-.030860	5.051342	.6184362	1.036388
#2	8.043611	138.0109	.5559665	-.030499	4.598104	.6181476	1.034150
#3	7.962252	138.2842	.5559832	-.031124	4.182288	.6185610	1.042450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.32968	8.165349	.6944463	.0034927	35.30440	5.078017	.0025313
Stddev	.04162	.033707	.0052855	.0001123	.11298	.062590	.0004713
%RSD	.1710688	.4128036	.7611083	3.215974	.3200175	1.232576	18.61756

#1	24.31652	8.188337	.6999797	.0035707	35.35656	5.116966	.0027696
#2	24.37629	8.126655	.6939095	.0035435	35.17476	5.111266	.0019885
#3	24.29623	8.181054	.6894497	.0033640	35.38187	5.005819	.0028358

Sample Name: K5051-07 Acquired: 09/30/2019 12:39:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.04860	.3961267	.3385886
Stddev	.02646	.0018887	.0003975
%RSD	.2633161	.4767904	.1174061

#1	10.07306	.3960714	.3385127
#2	10.05222	.3980424	.3382345
#3	10.02051	.3942662	.3390186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.334	2903.508	36268.31	7050.169	2486.114
Stddev	13.657	7.743	288.09	36.353	.734
%RSD	.8780538	.2666641	.7943402	.5156270	.0295437

#1	1558.408	2902.240	36346.34	7008.200	2486.772
#2	1567.192	2911.806	36509.35	7070.469	2486.249
#3	1540.403	2896.478	35949.24	7071.838	2485.322

Sample Name: K5051-06 Acquired: 09/30/2019 12:35:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMC0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0579406	.0041379	.0414195	.0025471	.0025014	129.7688	.5546543
Stddev	.0007336	.0030199	.0017233	.0010273	.0023099	.7057	.0048687
%RSD	1.266150	72.97954	4.160589	40.33011	92.34477	.5438173	.8777806

#1	.0578701	.0054818	.0396396	.0030224	.0051202	130.2387	.5588800
#2	.0572448	.0006794	.0415391	.0032507	.0007539	128.9573	.5493303
#3	.0587069	.0062526	.0430799	.0013683	.0016301	130.1105	.5557527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047954	-.000994	87.43664	.1805839	.1074258	.2796541	261.9906
Stddev	.0001241	.000236	.85115	.0008489	.0005107	.0019496	2.4267
%RSD	2.588099	23.74156	.9734470	.4700977	.4753784	.6971373	.9262593

#1	.0049387	-.001166	88.30228	.1803734	.1070281	.2818881	264.1417
#2	.0047274	-.000725	86.60077	.1815183	.1072476	.2787771	259.3599
#3	.0047202	-.001092	87.40686	.1798601	.1080017	.2782970	262.4703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.261155	84.04728	.2280002	-.018468	2.199764	.4627990	.4603682
Stddev	.050822	1.00527	.0009916	.000265	.220757	.0051598	.0073313
%RSD	.9659840	1.196080	.4349270	1.436566	10.03548	1.114916	1.592492

#1	5.314018	84.95223	.2270365	-.018167	1.950523	.4672452	.4522045
#2	5.212655	82.96523	.2290176	-.018667	2.370675	.4571412	.4625102
#3	5.256791	84.22438	.2279464	-.018570	2.278095	.4640106	.4663900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.018224	5.472872	.4144417	.0006729	5.164603	4.242266	-.000779
Stddev	.078639	.024508	.0064459	.0003779	.002449	.093118	.002724
%RSD	1.567067	.4478005	1.555331	56.16158	.0474237	2.195001	349.8158

#1	5.109008	5.450038	.4172932	.0005184	5.163059	4.349753	-.001169
#2	4.971143	5.498766	.4070618	.0003968	5.167427	4.190945	-.003286
#3	4.974523	5.469811	.4189701	.0011037	5.163323	4.186100	.002119

Sample Name: K5051-06 Acquired: 09/30/2019 12:35:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.685376	.1404890	.4313086
Stddev	.034460	.0019668	.0006709
%RSD	.5154608	1.399978	.1555494

#1	6.706150	.1418238	.4320478
#2	6.645598	.1382304	.4307382
#3	6.704381	.1414129	.4311397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.391	2775.805	34881.88	6655.585	2543.193
Stddev	17.021	1.719	365.77	77.698	2.459
%RSD	1.132894	.0619352	1.048588	1.167409	.0967090

#1	1522.023	2774.795	35287.73	6566.427	2546.015
#2	1493.381	2777.790	34577.70	6691.496	2541.510
#3	1491.770	2774.829	34780.21	6708.832	2542.052

Sample Name: K5051-09 Acquired: 09/30/2019 12:47:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862804	.0017433	.0662464	.0096641	-.000402	108.4555	.7443169
Stddev	.0043086	.0036528	.0012475	.0021667	.001856	.1922	.0024158
%RSD	4.993723	209.5337	1.883063	22.42010	461.9181	.1772033	.3245691

#1	.0815971	.0046875	.0651610	.0084559	-.001751	108.2912	.7415422
#2	.0900761	-.002345	.0659691	.0121655	-.001169	108.6669	.7459537
#3	.0871679	.002887	.0676092	.0083709	.001715	108.4086	.7454547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046192	-.000396	63.67400	.1984537	.0977567	.3188444	211.8314
Stddev	.0000766	.000072	.07496	.0005609	.0002256	.0009725	.1989
%RSD	1.657745	18.07619	.1177273	.2826141	.2307672	.3049937	.0938971

#1	.0045798	-.000341	63.59482	.1989069	.0975155	.3180989	211.9996
#2	.0047075	-.000371	63.74387	.1986278	.0977920	.3184899	211.6119
#3	.0045703	-.000477	63.68331	.1978265	.0979625	.3199443	211.8829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.166505	62.50459	.2523463	-.014207	2.059936	.3554199	.4857381
Stddev	.002938	.13165	.0015695	.000141	.115884	.0008104	.0028125
%RSD	.0927954	.2106283	.6219531	.9910737	5.625587	.2280059	.5790189

#1	3.166800	62.52572	.2535695	-.014137	2.185087	.3551742	.4865081
#2	3.163430	62.36365	.2505767	-.014369	2.038372	.3547608	.4826208
#3	3.169284	62.62440	.2528927	-.014114	1.956350	.3563247	.4880855

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.963431	7.570329	.3484348	.0126293	12.52988	9.083844	.0001742
Stddev	.067250	.010397	.0015755	.0004189	.01665	.044170	.0006694
%RSD	.9657602	.1373364	.4521738	3.316646	.1328627	.4862525	384.3205

#1	6.946158	7.559026	.3497280	.0127016	12.51092	9.068074	-.000442
#2	6.906502	7.572477	.3488965	.0121789	12.54207	9.049724	.000078
#3	7.037632	7.579484	.3466800	.0130073	12.53666	9.133736	.000887

Sample Name: K5051-09 Acquired: 09/30/2019 12:47:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMC5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.207819	.1629962	.3486707
Stddev	.010969	.0005515	.0001529
%RSD	.2106267	.3383535	.0438644

#1	5.211162	.1633498	.3487797
#2	5.216727	.1632782	.3484958
#3	5.195567	.1623608	.3487365

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.470	2841.167	35697.58	6793.157	2622.455
Stddev	2.475	4.721	132.25	18.510	5.016
%RSD	.1612015	.1661600	.3704821	.2724843	.1912691

#1	1532.635	2846.279	35573.79	6791.091	2626.235
#2	1537.200	2840.248	35682.03	6812.614	2624.365
#3	1536.576	2836.972	35836.92	6775.767	2616.764

Sample Name: K5051-08 Acquired: 09/30/2019 12:43:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447753	.0037609	.0362142	.0052615	.0012246	128.6422	.5195099
Stddev	.0013953	.0045158	.0015772	.0032491	.0018659	.2549	.0025773
%RSD	3.116160	120.0721	4.355083	61.75105	152.3664	.1981582	.4961016

#1	.0463748	-.001346	.0359072	.0052476	-.000837	128.3482	.5175863
#2	.0441425	.005404	.0379224	.0085175	.002797	128.7778	.5224383
#3	.0438085	.007225	.0348132	.0020195	.001714	128.8007	.5185052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044872	-.001037	81.97669	.1878437	.1089862	.2680096	251.0495
Stddev	.0000550	.000077	.38871	.0002486	.0005704	.0015536	.7205
%RSD	1.225759	7.383262	.4741704	.1323303	.5233545	.5796848	.2870123

#1	.0044258	-.000985	81.54197	.1878296	.1095625	.2675227	250.2182
#2	.0045318	-.001002	82.29078	.1880991	.1084219	.2667578	251.4955
#3	.0045041	-.001125	82.09732	.1876025	.1089743	.2697484	251.4347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.419664	85.75394	.2621376	-.017768	1.678387	.4382001	.4203204
Stddev	.011968	.36158	.0006150	.000338	.097053	.0011190	.0061879
%RSD	.2707879	.4216434	.2345942	1.901226	5.782542	.2553678	1.472187

#1	4.413817	85.33952	.2615034	-.017396	1.785214	.4374507	.4237968
#2	4.433432	86.00508	.2627313	-.017853	1.654308	.4394864	.4131761
#3	4.411744	85.91721	.2621781	-.018055	1.595641	.4376631	.4239883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.124217	5.074243	.4165723	.0017433	1.087719	4.140825	.0003652
Stddev	.073104	.003923	.0033186	.0003641	.005372	.031051	.0007775
%RSD	1.426630	.0773137	.7966515	20.88694	.4938342	.7498714	212.9114

#1	5.190969	5.071734	.4128763	.0016615	1.090193	4.140137	.0012597
#2	5.135586	5.078764	.4175437	.0021413	1.081556	4.172215	-.000015
#3	5.046094	5.072231	.4192968	.0014270	1.091407	4.110125	-.000149

Sample Name: K5051-08 Acquired: 09/30/2019 12:43:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.644444	.1284380	.3995924
Stddev	.015588	.0008873	.0003243
%RSD	.2346012	.6908593	.0811606

#1	6.626743	.1294451	.3997456
#2	6.650472	.1277711	.3998118
#3	6.656119	.1280977	.3992199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.892	2755.255	34679.20	6664.804	2548.657
Stddev	13.326	4.279	137.22	19.055	2.882
%RSD	.8938603	.1553163	.3956789	.2858992	.1130985

#1	1488.363	2758.228	34822.13	6680.512	2545.411
#2	1505.302	2750.351	34666.94	6643.608	2549.644
#3	1479.011	2757.187	34548.52	6670.292	2550.917

Sample Name: K5051-11 Acquired: 09/30/2019 12:55:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538920	.0017477	.1762407	-.000158	-.000085	131.1730
Stddev	.0037374	.0018449	.0017303	.005951	.003422	.1812
%RSD	6.935030	105.5615	.9817795	3758.527	4013.428	.1381571

#1	.0580432	.0023213	.1751911	-.005427	-.000704	131.0120
#2	.0528384	-.000316	.1752932	-.001344	.003604	131.1377
#3	.0507945	.003238	.1782378	.006296	-.003156	131.3693

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031196	.0057501	.0011501	111.5434	.1782139	.1097369
Stddev	.006526	.0000425	.0001557	.3255	.0007834	.0002958
%RSD	.1297028	.7391307	13.53636	.2918401	.4396048	.2695476

#1	5.031854	.0057693	.0011117	111.3853	.1777405	.1097135
#2	5.024366	.0057014	.0013214	111.3271	.1777830	.1094534
#3	5.037367	.0057797	.0010172	111.9178	.1791182	.1100436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2932256	232.1521	4.714408	70.85310	.2528974	-.016018
Stddev	.0008032	.8355	.010288	.36946	.0004663	.000250
%RSD	.2739316	.3599087	.2182298	.5214520	.1843895	1.561216

#1	.2941470	231.4725	4.707522	70.56695	.2523598	-.015768
#2	.2926733	231.8988	4.709467	70.72213	.2531393	-.016268
#3	.2928564	233.0850	4.726235	71.27021	.2531930	-.016018

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.080745	.5386731	1.742077	4.329979	F 11.58425	.4483424
Stddev	.197110	.0012121	.005320	.074168	.01658	.0015261
%RSD	6.398132	.2250148	.3053603	1.712894	.1431119	.3403970

#1	3.308265	.5400575	1.738382	4.307779	11.56971	.4467773
#2	2.961651	.5381590	1.739674	4.412712	11.58073	.4498263
#3	2.972320	.5378027	1.748174	4.269446	11.60230	.4484237

Sample Name: K5051-11 Acquired: 09/30/2019 12:55:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMC9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038858	4.526832	1.677922	.0043102	6.570913	.1394370
Stddev	.0002126	.003344	.005296	.0001272	.013737	.0005858
%RSD	5.470547	.0738657	.3156375	2.950866	.2090538	.4200812

#1	.0041310	4.527918	1.674630	.0043049	6.560243	.1387777
#2	.0037731	4.529498	1.684031	.0044400	6.566085	.1398974
#3	.0037533	4.523080	1.675103	.0041858	6.586412	.1396358

Elem	Sr4077
Units	ppm
Avg	2.362008
Stddev	.001823
%RSD	.0771655

#1	2.360824
#2	2.364107
#3	2.361094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.047	2856.239	35438.72	6826.190	2578.522
Stddev	3.844	7.077	316.14	9.183	3.104
%RSD	.2507556	.2477714	.8920753	.1345247	.1203853

#1	1535.327	2864.363	35491.89	6836.650	2581.662
#2	1535.205	2851.413	35724.91	6822.463	2578.448
#3	1528.608	2852.940	35099.37	6819.456	2575.455

Sample Name: K5051-10 Acquired: 09/30/2019 12:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1467440	.0043303	.1427579	.0087296	.0056310	215.0951	1.002619
Stddev	.0038977	.0059243	.0027713	.0012311	.0010617	.5575	.002496
%RSD	2.656122	136.8103	1.941274	14.10306	18.85499	.2591650	.2489944

#1	.1507004	.0074575	.1415237	.0076592	.0047682	214.4653	1.000121
#2	.1429078	.0080358	.1459319	.0100750	.0053081	215.2946	1.002621
#3	.1466239	-.002502	.1408181	.0084547	.0068167	215.5254	1.005114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088379	.0002661	53.80332	.4104699	.1859203	.6469726	423.8373
Stddev	.0000782	.0000481	.26125	.0013181	.0004916	.0031046	1.4071
%RSD	.8842866	18.08501	.4855574	.3211298	.2644038	.4798724	.3319951

#1	.0087482	.0002212	53.50190	.4119383	.1864624	.6461516	422.2771
#2	.0088913	.0003169	53.94363	.4093889	.1857950	.6443609	424.2247
#3	.0088742	.0002603	53.96444	.4100823	.1855035	.6504052	425.0101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.864175	138.6569	.5132563	-.028092	6.693592	.5778067	1.040186
Stddev	.012874	.6099	.0017193	.000656	.272511	.0035101	.005847
%RSD	.1875497	.4398503	.3349887	2.336203	4.071216	.6074792	.5621274

#1	6.859830	137.9554	.5112712	-.027870	6.846757	.5738064	1.044601
#2	6.854036	138.9539	.5142194	-.027574	6.855060	.5792419	1.042402
#3	6.878659	139.0614	.5142782	-.028830	6.378961	.5803717	1.033554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.90528	7.623492	.6495048	.0067939	1.889132	4.500292	.0035496
Stddev	.09182	.020791	.0038866	.0006063	.012645	.014557	.0012528
%RSD	.4391968	.2727199	.5983976	8.924022	.6693576	.3234743	35.29497

#1	20.80126	7.604072	.6505515	.0061290	1.902310	4.501781	.0023121
#2	20.97504	7.620977	.6452020	.0069366	1.877098	4.485048	.0035194
#3	20.93954	7.645425	.6527608	.0073161	1.887989	4.514048	.0048172

Sample Name: K5051-10 Acquired: 09/30/2019 12:51:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMC6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.888229	.3988330	.3348023
Stddev	.018962	.0030173	.0003927
%RSD	.1917596	.7565270	.1172953

#1	9.868286	.3958619	.3349238
#2	9.906026	.3987427	.3343632
#3	9.890375	.4018944	.3351199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.334	2859.909	35723.95	6822.306	2484.773
Stddev	3.106	5.486	111.13	20.641	4.214
%RSD	.2016765	.1918216	.3110679	.3025572	.1695794

#1	1543.331	2866.147	35816.65	6842.358	2489.347
#2	1537.128	2855.835	35600.76	6823.440	2483.922
#3	1540.544	2857.746	35754.44	6801.121	2481.049

Sample Name: K5051-12 Acquired: 09/30/2019 12:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0641350	.0028471	.1221353	.0066033	.0023952	199.0212	1.477500
Stddev	.0031810	.0038275	.0004798	.0031167	.0028772	.9285	.008822
%RSD	4.959924	134.4379	.3928511	47.19936	120.1233	.4665515	.5970792

#1	.0629872	.0008887	.1225222	.0030739	-.000619	198.0285	1.469972
#2	.0677306	.0003949	.1215985	.0089773	.005113	199.1667	1.475320
#3	.0616871	.0072575	.1222853	.0077589	.002692	199.8684	1.487207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077599	-.000747	76.49403	.3097241	.2159761	.4855367	397.3546
Stddev	.0000616	.000100	.40374	.0008521	.0003989	.0041487	2.5527
%RSD	.7942560	13.35608	.5278075	.2751072	.1847052	.8544497	.6424332

#1	.0077424	-.000816	76.05369	.3103284	.2160214	.4820635	394.5069
#2	.0078284	-.000632	76.58161	.3100943	.2155564	.4844161	398.1191
#3	.0077090	-.000792	76.84680	.3087495	.2163503	.4901306	399.4377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.734035	116.4223	.4836726	-.027177	2.105862	.5906100	.7877387
Stddev	.053490	.8480	.0014631	.000387	.284425	.0055595	.0143944
%RSD	.6916205	.7283430	.3024994	1.422506	13.50637	.9413106	1.827310

#1	7.680367	115.4971	.4820157	-.027501	2.410957	.5850285	.7810500
#2	7.734393	116.6071	.4842156	-.027281	2.058603	.5906544	.7779055
#3	7.787346	117.1625	.4847866	-.026749	1.848026	.5961472	.8042605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.49703	6.604719	.6190378	.0042866	3.277851	3.279552	.0015678
Stddev	.02234	.021338	.0042913	.0003244	.017607	.042771	.0005837
%RSD	.1787875	.3230696	.6932169	7.567833	.5371556	1.304173	37.23067

#1	12.48252	6.580442	.6141119	.0046081	3.260331	3.266070	.0017614
#2	12.48580	6.613215	.6219658	.0039594	3.295544	3.327440	.0009119
#3	12.52276	6.620500	.6210359	.0042924	3.277679	3.245147	.0020301

Sample Name: K5051-12 Acquired: 09/30/2019 12:59:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.962975	.2977138	.3996597
Stddev	.031554	.0003309	.0003197
%RSD	.4531727	.1111635	.0800057

#1	6.929444	.2974031	.3992918
#2	6.967395	.2976765	.3998709
#3	6.992087	.2980619	.3998164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.315	2867.635	35769.81	6855.673	2511.678
Stddev	10.580	7.647	254.33	33.411	3.868
%RSD	.6842309	.2666530	.7110105	.4873546	.1540131

#1	1549.473	2859.323	35799.88	6863.721	2507.222
#2	1554.957	2869.212	36007.76	6818.972	2514.175
#3	1534.516	2874.370	35501.78	6884.325	2513.635

Sample Name: K5051-13 Acquired: 09/30/2019 13:03:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1626194	.0039353	.1084614	.0048085	.0020576	164.2781
Stddev	.0052886	.0026961	.0006940	.0023426	.0034218	.5723
%RSD	3.252149	68.51078	.6398905	48.71649	166.2990	.3483843

#1	.1622073	.0032012	.1078709	.0029103	.0059239	163.8028
#2	.1681020	.0069225	.1082874	.0040888	-.000581	164.1181
#3	.1575489	.0016823	.1092258	.0074265	.000830	164.9134

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8377218	.0069969	-.001098	91.47963	.3072349	.1616149
Stddev	.0044331	.0000785	.000142	.27743	.0014111	.0004960
%RSD	.5291791	1.122682	12.91197	.3032702	.4592810	.3068824

#1	.8335963	.0070014	-.001166	91.35565	.3066973	.1611080
#2	.8371601	.0070731	-.001193	91.28580	.3088357	.1616376
#3	.8424089	.0069162	-.000935	91.79743	.3061716	.1620991

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4472591	360.6637	6.320550	106.9035	.3956724	-.024619
Stddev	.0047763	1.1955	.007022	.5304	.0013854	.000236
%RSD	1.067907	.3314780	.1110941	.4961853	.3501474	.9571862

#1	.4464153	359.8718	6.313898	106.5650	.3942436	-.024572
#2	.4429609	360.0804	6.327891	106.6308	.3957636	-.024874
#3	.4524010	362.0389	6.319862	107.5148	.3970100	-.024410

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.656137	.4869640	.7834273	16.77224	F 10.33906	.5673956
Stddev	.164450	.0035534	.0135433	.17128	.04806	.0048122
%RSD	4.497905	.7297112	1.728729	1.021220	.4648831	.8481210

#1	3.483147	.4834256	.7678365	16.70832	10.38679	.5665149
#2	3.674811	.4869340	.7901658	16.64211	10.29066	.5630846
#3	3.810452	.4905323	.7922795	16.96629	10.33973	.5725874

Sample Name: K5051-13 Acquired: 09/30/2019 13:03:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019820	13.54703	3.696920	.0015591	8.516347	.3020569
Stddev	.0003306	.08437	.012273	.0026676	.024060	.0024846
%RSD	16.67820	.6227879	.3319768	171.1003	.2825168	.8225516

#1	.0020151	13.63266	3.704997	.0043675	8.489178	.3007311
#2	.0022947	13.46399	3.682797	.0012505	8.524905	.3005166
#3	.0016361	13.54445	3.702966	-.000941	8.534959	.3049232

Elem	Sr4077
Units	ppm
Avg	.4018721
Stddev	.0015747
%RSD	.3918367

#1	.4014567
#2	.4005467
#3	.4036128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.620	2868.409	35804.72	6860.770	2504.374
Stddev	12.275	4.023	90.32	21.109	3.101
%RSD	.7983223	.1402365	.2522583	.3076841	.1238158

#1	1551.782	2865.426	35886.97	6850.064	2502.390
#2	1530.050	2872.984	35708.06	6885.087	2507.947
#3	1531.027	2866.816	35819.13	6847.159	2502.784

Sample Name: K5051-15 Acquired: 09/30/2019 13:11:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0767729	.0000298	.1359724	.0069513	.0043036	222.4902	1.053978
Stddev	.0047936	.0016231	.0037909	.0043662	.0034440	.2407	.004992
%RSD	6.243881	5452.544	2.788008	62.81134	80.02687	.1081660	.4736535

#1	.0769282	-.001735	.1403493	.0020724	.0007325	222.2262	1.059538
#2	.0719035	.001458	.1337270	.0104912	.0076046	222.5470	1.052519
#3	.0814869	.000366	.1338409	.0082901	.0045737	222.6973	1.049878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092853	-.001669	57.49588	.4216640	.2061284	.4385661	462.9643
Stddev	.0001857	.000122	.21547	.0017540	.0003885	.0051101	.1340
%RSD	2.000433	7.325306	.3747571	.4159637	.1884878	1.165186	.0289420

#1	.0094931	-.001551	57.71084	.4231210	.2062526	.4326922	463.1190
#2	.0091354	-.001661	57.49688	.4221536	.2056929	.4410166	462.8853
#3	.0092275	-.001795	57.27991	.4197172	.2064396	.4419894	462.8886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.557583	142.2760	.5329723	-.032096	7.945390	.6039002	1.034547
Stddev	.002700	.3087	.0005707	.000469	.244064	.0017715	.009361
%RSD	.0357261	.2169813	.1070772	1.462025	3.071769	.2933384	.9047920

#1	7.556169	142.6248	.5323828	-.032437	7.682048	.6018887	1.023744
#2	7.555884	142.1658	.5330120	-.031561	7.990137	.6045844	1.039661
#3	7.560697	142.0376	.5335221	-.032291	8.163984	.6052276	1.040237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.47689	8.540727	.7136548	.0034720	1.382030	5.045897	.0037759
Stddev	.04766	.031637	.0063851	.0002540	.007827	.050192	.0024579
%RSD	.2120575	.3704305	.8947104	7.316854	.5663218	.9947154	65.09338

#1	22.43460	8.519709	.7081162	.0032073	1.383053	5.103503	.0066137
#2	22.46752	8.525359	.7122095	.0034948	1.373741	5.011579	.0023929
#3	22.52854	8.577113	.7206387	.0037138	1.389294	5.022609	.0023211

Sample Name: K5051-15 Acquired: 09/30/2019 13:11:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.74758	.4038064	.3321226
Stddev	.02822	.0035014	.0003236
%RSD	.2625863	.8670895	.0974477

#1	10.71533	.4063710	.3321123
#2	10.75967	.4052309	.3318043
#3	10.76775	.3998174	.3324513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.179	2889.307	35898.91	6917.860	2478.939
Stddev	2.363	5.705	152.35	78.680	1.827
%RSD	.1532143	.1974665	.4243874	1.137349	.0737081

#1	1542.562	2884.775	35727.49	6827.012	2478.960
#2	1544.327	2887.431	35950.41	6964.054	2477.102
#3	1539.648	2895.714	36018.84	6962.513	2480.756

Sample Name: K5051-14 Acquired: 09/30/2019 13:07:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911180	.0012146	.0733242	.0053234	.0023239	130.8472
Stddev	.0021863	.0060669	.0031382	.0057658	.0025761	.7598
%RSD	2.399435	499.4832	4.279901	108.3124	110.8532	.5806581

#1	.0899725	-.002312	.0734604	-.000966	.0028370	130.0595
#2	.0897424	-.002264	.0763922	.006576	.0046048	130.9066
#3	.0936390	.008220	.0701202	.010360	-.000470	131.5756

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6691776	.0055465	-.000752	84.80842	.2392285	.1224476
Stddev	.0049526	.0000620	.000110	.61513	.0007420	.0007676
%RSD	.7401083	1.117783	14.58500	.7253154	.3101680	.6268782

#1	.6637169	.0055017	-.000655	84.13095	.2393477	.1233086
#2	.6704369	.0056173	-.000730	84.96231	.2399037	.1218348
#3	.6733791	.0055205	-.000871	85.33199	.2384342	.1221994

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3406355	290.4223	5.483293	86.09765	.3306725	-.019679
Stddev	.0029974	2.1154	.049005	.60511	.0007675	.000243
%RSD	.8799438	.7283833	.8937130	.7028231	.2321092	1.234852

#1	.3388666	288.3045	5.430327	85.45859	.3305972	-.019893
#2	.3389434	290.4270	5.492529	86.17252	.3299454	-.019415
#3	.3440963	292.5353	5.527023	86.66185	.3314749	-.019729

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.744316	.3869551	.6055202	12.22869	F 11.05336	.4407117
Stddev	.461605	.0017383	.0069704	.08234	.00922	.0065182
%RSD	9.729636	.4492300	1.151145	.6733598	.0834499	1.479021

#1	4.374805	.3864504	.5989568	12.19406	11.05081	.4363793
#2	4.596392	.3888899	.6047672	12.16932	11.04568	.4375478
#3	5.261750	.3855250	.6128365	12.32269	11.06359	.4482080

Sample Name: K5051-14 Acquired: 09/30/2019 13:07:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021435	35.49414	5.267586	-.001191	6.611139	.2319762
Stddev	.0002943	.11364	.027135	.000797	.039948	.0018600
%RSD	13.73085	.3201632	.5151383	66.87100	.6042524	.8018145

#1	.0023313	35.50954	5.282929	-.001929	6.565934	.2298290
#2	.0018043	35.37359	5.236255	-.000347	6.625792	.2330073
#3	.0022948	35.59929	5.283573	-.001298	6.641692	.2330924

Elem	Sr4077
Units	ppm
Avg	.4179536
Stddev	.0007698
%RSD	.1841929

#1	.4175846
#2	.4174378
#3	.4188385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1521.043	2851.656	35372.62	6752.691	2537.950
Stddev	8.281	4.779	73.34	15.745	5.318
%RSD	.5444232	.1675699	.2073393	.2331640	.2095199

#1	1529.030	2847.002	35424.94	6750.729	2534.767
#2	1521.602	2856.550	35288.79	6769.326	2544.089
#3	1512.497	2851.417	35404.14	6738.020	2534.994

Sample Name: K5051-16 Acquired: 09/30/2019 13:15:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566864	.0037293	.0694288	.0035664	.0034122	141.8280	.7143763
Stddev	.0010682	.0020229	.0013291	.0020337	.0016048	.7111	.0038333
%RSD	1.884470	54.24442	1.914374	57.02450	47.03204	.5014070	.5365913

#1	.0576421	.0059245	.0701077	.0034064	.0018947	142.6306	.7187741
#2	.0568838	.0019402	.0702814	.0016174	.0050920	141.2764	.7117436
#3	.0555332	.0033233	.0678973	.0056754	.0032497	141.5770	.7126110

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053199	-.000881	114.4859	.2154111	.1338865	.3880141	299.0788
Stddev	.0001542	.000176	.6322	.0002156	.0005129	.0018285	1.4128
%RSD	2.899137	19.95867	.5521945	.1001013	.3830536	.4712532	.4723766

#1	.0054964	-.001083	115.1753	.2154308	.1337661	.3901123	300.6993
#2	.0052528	-.000800	113.9333	.2151863	.1334446	.3867611	298.4309
#3	.0052107	-.000760	114.3492	.2156162	.1344489	.3871688	298.1062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.243675	93.11917	.3172678	-.020875	2.664201	.4530871	.5495026
Stddev	.036533	.42750	.0008338	.000346	.225578	.0025235	.0081213
%RSD	.5851173	.4590935	.2628166	1.659777	8.466988	.5569618	1.477931

#1	6.285797	93.53829	.3165221	-.020977	2.921048	.4542398	.5401426
#2	6.224601	92.68375	.3181681	-.021160	2.498262	.4548284	.5536854
#3	6.220627	93.13548	.3171133	-.020489	2.573293	.4501931	.5546798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.323276	9.491636	.4734745	.0016533	4.499626	2.999536	-.002148
Stddev	.066158	.024859	.0017369	.0001067	.017105	.018066	.001188
%RSD	1.046259	.2619068	.3668505	6.456323	.3801535	.6022949	55.29767

#1	6.355973	9.466561	.4752990	.0016462	4.483049	3.011143	-.002878
#2	6.247136	9.492073	.4732836	.0017635	4.498615	2.978721	-.002790
#3	6.366719	9.516274	.4718409	.0015504	4.517215	3.008743	-.000778

Sample Name: K5051-16 Acquired: 09/30/2019 13:15:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMD4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.529671	.1737250	.5376610
Stddev	.033117	.0028373	.0019611
%RSD	.4398240	1.633212	.3647546

#1	7.567580	.1767158	.5398864
#2	7.506365	.1710713	.5361854
#3	7.515067	.1733879	.5369112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.592	2802.641	34903.74	6632.307	2526.915
Stddev	5.188	1.429	105.56	28.599	3.587
%RSD	.3436971	.0509716	.3024250	.4312104	.1419594

#1	1515.055	2801.552	34806.68	6608.818	2530.963
#2	1504.731	2804.258	34888.43	6664.154	2525.654
#3	1508.990	2802.112	35016.12	6623.949	2524.129

Sample Name: CCV073 Acquired: 09/30/2019 13:19:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.900402	4.902554	25.00903	4.874254	4.938908	409.9861
Stddev	.029665	.007983	.01718	.013088	.008877	2.0697
%RSD	.6053491	.1628343	.0686915	.2685028	.1797344	.5048157

#1	4.868250	4.894885	25.00578	4.868158	4.928719	411.4302
#2	4.926708	4.910818	24.99371	4.889278	4.943026	410.9132
#3	4.906249	4.901959	25.02760	4.865327	4.944978	407.6150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62377	.5229352	2.483896	434.9518	15.20468	2.531505
Stddev	.05493	.0048124	.003016	4.3179	.03143	.005900
%RSD	.5170887	.9202703	.1214362	.9927348	.2066871	.2330692

#1	10.67429	.5277888	2.486025	439.8698	15.16924	2.533756
#2	10.56529	.5228518	2.480445	433.2029	15.22913	2.524810
#3	10.63174	.5181650	2.485220	431.7826	15.21568	2.535948

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16043	429.5748	15.70484	424.4178	2.522783	1.316812
Stddev	.01969	2.8281	.12988	3.1327	.004704	.004149
%RSD	.1298845	.6583482	.8270110	.7381184	.1864711	.3151052

#1	15.18317	432.7341	15.83134	427.7676	2.524588	1.312326
#2	15.14944	428.7106	15.71134	423.9254	2.517444	1.320512
#3	15.14870	427.2796	15.57183	421.5605	2.526318	1.317598

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	421.4068	2.582227	14.62474	155.0578	5.071024	F 5.597876
Stddev	4.3070	.018371	.08365	.1068	.025588	.054417
%RSD	1.022064	.7114432	.5719674	.0688677	.5045976	.9720939

#1	426.3801	2.599046	14.55132	155.0163	5.047314	5.651227
#2	418.9381	2.585012	14.60709	155.1791	5.098147	5.599949
#3	418.9021	2.562622	14.71580	154.9779	5.067609	5.542453

Sample Name: CCV073 Acquired: 09/30/2019 13:19:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.928985	5.068471	5.112979	5.073441	5.144812	F 5.515743
Stddev	.007445	.018283	.049443	.012711	.028265	.082650
%RSD	.1510417	.3607256	.9670163	.2505494	.5493976	1.498436
#1	4.928321	5.059303	5.163252	5.060275	5.168029	5.609452
#2	4.936740	5.089524	5.111278	5.085643	5.153070	5.453237
#3	4.921895	5.056584	5.064409	5.074405	5.113337	5.484539

Elem	Sr4077
Units	ppm
Avg	5.086848
Stddev	.018490
%RSD	.3634809
#1	5.083142
#2	5.106909
#3	5.070491

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1139.786	2165.577	28767.07	5670.659	2121.020
Stddev	10.021	1.495	189.06	28.136	2.370
%RSD	.8792024	.0690234	.6572215	.4961693	.1117413
#1	1141.821	2164.958	28950.98	5638.217	2119.060
#2	1148.633	2164.492	28776.97	5685.368	2123.654
#3	1128.903	2167.282	28573.25	5688.392	2120.345

Sample Name: K5051-17 Acquired: 09/30/2019 13:27:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMD5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1382832	.0002137	.1411660	.0086276	.0058741	193.2934	1.194606
Stddev	.0004833	.0025066	.0014760	.0028845	.0013368	1.1795	.008187
%RSD	.3494949	1172.918	1.045597	33.43369	22.75794	.6102358	.6853012

#1	.1377312	-.001926	.1428562	.0052969	.0043631	192.1518	1.188215
#2	.1384880	-.000404	.1401310	.0103104	.0069030	194.5075	1.203834
#3	.1386304	.002971	.1405107	.0102755	.0063564	193.2207	1.191771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080686	-.001756	58.62973	.3749601	.1271393	.5624423	403.0783
Stddev	.0001301	.000091	.48029	.0011923	.0004058	.0017199	3.3446
%RSD	1.611979	5.196230	.8191857	.3179843	.3191581	.3057896	.8297713

#1	.0079481	-.001698	58.24685	.3736260	.1266729	.5624898	399.6618
#2	.0082065	-.001861	59.16862	.3753325	.1273330	.5641379	406.3461
#3	.0080511	-.001709	58.47371	.3759218	.1274119	.5606992	403.2270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.464472	120.9322	.3876226	-.027543	2.461426	.5591069	.7843583
Stddev	.033026	1.1041	.0008896	.000506	.207243	.0053259	.0096844
%RSD	.6043766	.9129713	.2295092	1.837213	8.419649	.9525735	1.234686

#1	5.428802	119.8349	.3866526	-.027993	2.700161	.5530832	.7751853
#2	5.493988	122.0429	.3884005	-.026995	2.356344	.5610457	.7944837
#3	5.470624	120.9189	.3878147	-.027641	2.327773	.5631918	.7834060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.14261	8.403619	.6396240	.0076856	26.98534	2.857529	.0028064
Stddev	.15583	.019519	.0056560	.0001679	.09313	.033538	.0013019
%RSD	.7370452	.2322663	.8842714	2.185037	.3451300	1.173676	46.39208

#1	20.97843	8.381214	.6360268	.0078111	26.91880	2.819527	.0015060
#2	21.16093	8.412709	.6461434	.0077509	26.94545	2.882989	.0028033
#3	21.28847	8.416936	.6367018	.0074948	27.09178	2.870070	.0041099

Sample Name: K5051-17 Acquired: 09/30/2019 13:27:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.826587	.3646331	.4088033
Stddev	.065242	.0038367	.0006415
%RSD	.6639295	1.052211	.1569151

#1	9.764447	.3635967	.4080868
#2	9.894541	.3688816	.4093241
#3	9.820772	.3614211	.4089989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.984	2879.016	35698.31	6863.902	2527.808
Stddev	9.444	4.263	46.41	43.734	3.308
%RSD	.6096817	.1480658	.1299931	.6371597	.1308710

#1	1549.526	2876.379	35662.22	6898.769	2530.900
#2	1539.281	2883.934	35750.66	6814.832	2524.319
#3	1558.146	2876.735	35682.04	6878.105	2528.206

Sample Name: CCB073 Acquired: 09/30/2019 13:23:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014158	-.000269	-.000787	-.002270	-.001997	.0174125	-.000456
Stddev	.0025058	.002616	.001362	.002030	.002166	.0064673	.000094
%RSD	176.9881	972.8710	173.1755	89.41895	108.4451	37.14182	20.56176

#1	.0016492	.002751	-.001094	-.003618	-.000359	.0246507	-.000383
#2	.0037967	-.001825	.000703	-.003256	-.004452	.0153846	-.000424
#3	-.001199	-.001732	-.001969	.000064	-.001180	.0122021	-.000562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000481	.0000512	.0181523	.0005339	.0000484	.0030959	.0316577
Stddev	.0000503	.0000651	.0069486	.0006655	.0000607	.0034834	.0074199
%RSD	104.5255	127.0949	38.27929	124.6438	125.5123	112.5193	23.43787

#1	.0000037	.0001234	.0198433	.0012715	.0001131	.0066859	.0383204
#2	.0000378	-.000003	.0240993	-.000022	-.000007	-.000270	.0329913
#3	.0001027	.000033	.0105143	.000352	.000039	.002872	.0236615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010219	.0153422	-.000289	-.000374	-.220005	-.000682	.0000660
Stddev	.0002134	.0219535	.000293	.000181	.414709	.002206	.0009423
%RSD	20.88283	143.0924	101.2682	48.40106	188.4996	323.4930	1427.565

#1	.0012085	.0116121	-.000617	-.000224	.221429	.001612	.0011534
#2	.0010679	.0389218	-.000053	-.000575	-.279988	-.002788	-.000511
#3	.0007892	-.004507	-.000198	-.000323	-.601457	-.000870	-.000445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016151	-.000125	.0042046	.0006264	-.010060	-.003478	-.000134
Stddev	.042221	.002117	.0010604	.0005422	.001046	.000347	.000824
%RSD	261.4104	1698.193	25.21921	86.54897	10.40104	9.969096	613.2219

#1	-.062556	-.001737	.0042645	.0012359	-.010753	-.003671	.000799
#2	.019996	-.000910	.0052337	.0004458	-.008857	-.003077	-.000762
#3	-.005894	.002273	.0031156	.0001977	-.010572	-.003684	-.000440

Sample Name: CCB073 Acquired: 09/30/2019 13:23:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014441	.0045377	.0001455
Stddev	.0011368	.0007535	.0001049
%RSD	78.71747	16.60630	72.09384

#1	.0027264	.0050847	.0001956
#2	.0010459	.0036782	.0002159
#3	.0005600	.0048502	.0000250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.146	2609.819	31977.10	5922.746	2730.362
Stddev	1.085	2.928	65.31	98.612	1.248
%RSD	.0778992	.1121776	.2042424	1.664971	.0456999

#1	1392.222	2608.732	31975.31	5874.111	2730.855
#2	1394.341	2613.134	32043.29	5857.898	2731.288
#3	1392.875	2607.590	31912.71	6036.228	2728.943

Sample Name: K5051-18 Acquired: 09/30/2019 13:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0705304	.0002842	.0659066	.0023771	.0034282	145.2700	.6338231
Stddev	.0047748	.0048217	.0041069	.0037318	.0013092	.3300	.0054120
%RSD	6.769817	1696.922	6.231364	156.9907	38.18885	.2271649	.8538740

#1	.0651384	.0048286	.0626229	.0052528	.0048172	145.5838	.6388026
#2	.0722300	-.004774	.0705115	-.001840	.0032505	145.3004	.6346035
#3	.0742230	.000798	.0645854	.003719	.0022170	144.9259	.6280632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052572	-.000913	113.2241	.2152095	.1386388	.3701662	304.0108
Stddev	.0000867	.000202	.8213	.0009002	.0001559	.0001244	1.7010
%RSD	1.648936	22.16608	.7253734	.4182980	.1124790	.0336043	.5595125

#1	.0052904	-.000886	114.0365	.2148761	.1385164	.3701353	305.7702
#2	.0051588	-.001128	113.2418	.2145235	.1385856	.3703032	303.8872
#3	.0053224	-.000726	112.3942	.2162288	.1388144	.3700603	302.3750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.123825	94.71803	.3209813	-.020860	1.874972	.4903817	.5231872
Stddev	.022115	.54001	.0020416	.000821	.271543	.0065393	.0019061
%RSD	.3611276	.5701276	.6360392	3.936848	14.48249	1.333520	.3643159

#1	6.147170	95.20841	.3198971	-.020243	1.765977	.4956913	.5253876
#2	6.121114	94.80639	.3197105	-.020546	2.184078	.4923766	.5221302
#3	6.103190	94.13928	.3233362	-.021792	1.674861	.4830773	.5220438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.313797	9.261761	.4889894	.0021150	.8756137	4.097972	-.001621
Stddev	.069655	.022178	.0016761	.0002938	.0090867	.020554	.001684
%RSD	1.103227	.2394626	.3427613	13.89112	1.037750	.5015584	103.8340

#1	6.262349	9.283261	.4908910	.0021402	.8656681	4.120065	-.002186
#2	6.393063	9.238962	.4883505	.0018094	.8834815	4.094435	.000272
#3	6.285980	9.263061	.4877268	.0023954	.8776914	4.079416	-.002950

Sample Name: K5051-18 Acquired: 09/30/2019 13:31:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMD6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.759162	.1712486	.5335743
Stddev	.016540	.0012652	.0003598
%RSD	.2131660	.7388189	.0674272

#1	7.774865	.1726899	.5339897
#2	7.760725	.1707351	.5333650
#3	7.741896	.1703209	.5333680

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.011	2799.302	34910.36	6718.301	2524.051
Stddev	2.683	5.838	70.34	44.787	5.238
%RSD	.1778287	.2085389	.2014872	.6666435	.2075137

#1	1510.150	2805.234	34887.64	6681.834	2527.736
#2	1505.946	2799.108	34854.19	6704.776	2526.361
#3	1510.938	2793.563	34989.25	6768.292	2518.055

Sample Name: K5051-19 Acquired: 09/30/2019 13:35:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0790814	.0020902	.0704100	.0012164	.0025942	126.3613
Stddev	.0029503	.0047643	.0012464	.0053891	.0021395	.2578
%RSD	3.730648	227.9363	1.770178	443.0396	82.47062	.2040162

#1	.0805753	-.001720	.0689763	-.004928	.0048529	126.1725
#2	.0809859	.000558	.0712360	.003437	.0023314	126.2563
#3	.0756830	.007432	.0710177	.005141	.0005983	126.6550

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6854751	.0053836	-.000660	96.32476	.2368180	.1182183
Stddev	.0034239	.0000108	.000131	.44201	.0010053	.0003519
%RSD	.4994951	.1999483	19.76203	.4588782	.4245211	.2976401

#1	.6832466	.0053908	-.000532	95.97580	.2358470	.1185891
#2	.6837612	.0053712	-.000656	96.17668	.2367525	.1181768
#3	.6894175	.0053888	-.000793	96.82180	.2378545	.1178890

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3570826	272.4518	4.788247	83.12172	.3151128	-.018804
Stddev	.0028923	1.0468	.014298	.30480	.0000555	.000468
%RSD	.8099895	.3842094	.2986072	.3666909	.0176188	2.490286

#1	.3550020	271.9005	4.784528	82.95374	.3151221	-.019222
#2	.3558605	271.7958	4.776176	82.93788	.3151631	-.018298
#3	.3603854	273.6590	4.804037	83.47356	.3150532	-.018891

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.557854	.3793044	.5841578	11.57874	F 11.32241	.4215436
Stddev	.179472	.0034147	.0071483	.08608	.03645	.0027560
%RSD	5.044391	.9002397	1.223700	.7434521	.3219372	.6537976

#1	3.373762	.3764091	.5906595	11.51183	11.35266	.4232995
#2	3.732318	.3784342	.5853110	11.54853	11.28194	.4183671
#3	3.567484	.3830700	.5765031	11.67586	11.33264	.4229643

Sample Name: K5051-19 Acquired: 09/30/2019 13:35:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMD7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023328	12.74217	3.868279	.0000752	6.294060	.2181686
Stddev	.0002992	.01965	.024461	.0009371	.013681	.0019550
%RSD	12.82489	.1541733	.6323457	1245.445	.2173591	.8960716

#1	.0019874	12.75416	3.857674	.0008123	6.290921	.2161463
#2	.0025028	12.71950	3.850911	-.000979	6.282221	.2183110
#3	.0025083	12.75285	3.896253	.000393	6.309037	.2200484

Elem	Sr4077
Units	ppm
Avg	.4770243
Stddev	.0010707
%RSD	.2244448

#1	.4761214
#2	.4767446
#3	.4782071

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.496	2857.669	35700.17	6925.454	2540.166
Stddev	10.874	1.900	118.02	22.062	2.649
%RSD	.7072373	.0664968	.3305851	.3185699	.1043009

#1	1526.960	2858.904	35702.69	6949.947	2543.053
#2	1536.851	2858.621	35580.91	6919.275	2539.600
#3	1548.679	2855.481	35816.91	6907.140	2537.846

Sample Name: K5051-21 Acquired: 09/30/2019 13:43:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLME0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318672	-.000473	.0410622	.0005818	.0028672	124.5415	.5628144
Stddev	.0028772	.001799	.0021028	.0019451	.0017359	.2172	.0033330
%RSD	9.028841	380.2213	5.121001	334.3461	60.54222	.1744143	.5921975

#1	.0291999	-.001344	.0434668	.0002039	.0048512	124.4615	.5614708
#2	.0349163	-.001671	.0401516	.0026880	.0016280	124.3757	.5603630
#3	.0314855	.001596	.0395681	-.001147	.0021225	124.7874	.5666095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047790	-.001232	91.96568	.1763265	.1114088	.2561269	259.6006
Stddev	.0000628	.000076	.41887	.0009116	.0002021	.0031212	.9738
%RSD	1.313170	6.155458	.4554625	.5169944	.1814436	1.218627	.3751071

#1	.0048003	-.001291	91.98401	.1772118	.1112851	.2533683	259.7246
#2	.0048284	-.001146	91.53795	.1763769	.1116420	.2554974	258.5708
#3	.0047084	-.001258	92.37508	.1753907	.1112991	.2595148	260.5065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.406097	80.24080	.2336409	-.018450	1.809589	.4713048	.4330562
Stddev	.027727	.32777	.0008124	.000290	.209721	.0013632	.0030543
%RSD	.5128799	.4084813	.3477224	1.570888	11.58942	.2892471	.7052873

#1	5.405551	80.31436	.2327102	-.018606	2.049085	.4716058	.4359804
#2	5.378647	79.88250	.2340042	-.018628	1.658792	.4724924	.4298866
#3	5.434093	80.52554	.2342083	-.018116	1.720889	.4698162	.4333015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.279387	5.651137	.4286866	.0009670	3.479472	4.631982	-.000890
Stddev	.036058	.004586	.0047596	.0001721	.007502	.017929	.003090
%RSD	.8426083	.0811500	1.110284	17.79881	.2155935	.3870760	347.2184

#1	4.278012	5.656179	.4271943	.0007830	3.471277	4.620392	.002470
#2	4.316114	5.647215	.4248520	.0009941	3.486000	4.652633	-.001531
#3	4.244036	5.650017	.4340136	.0011240	3.481139	4.622920	-.003609

Sample Name: K5051-21 Acquired: 09/30/2019 13:43:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLME0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.133944	.1306168	.4585911
Stddev	.011540	.0009073	.0007111
%RSD	.1881301	.6946615	.1550527

#1	6.134390	.1312762	.4584068
#2	6.122187	.1295820	.4579904
#3	6.145254	.1309922	.4593762

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1495.720	2765.198	34596.14	6639.991	2543.606
Stddev	5.838	1.037	202.60	19.529	4.519
%RSD	.3903019	.0375081	.5856004	.2941146	.1776601

#1	1491.320	2766.214	34527.58	6660.900	2547.276
#2	1502.342	2765.241	34824.12	6636.851	2538.559
#3	1493.496	2764.141	34436.72	6622.222	2544.983

Sample Name: K5051-20 Acquired: 09/30/2019 13:39:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLME0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342474	.0020920	.0412124	.0048083	.0010225	124.6116	.5630520
Stddev	.0010708	.0020251	.0009701	.0035309	.0013583	.2397	.0012440
%RSD	3.126736	96.79865	2.353969	73.43238	132.8439	.1923405	.2209328

#1	.0344932	.0028987	.0403870	.0050790	.0017764	124.7335	.5644803
#2	.0351739	-.000212	.0422810	.0011499	-.000546	124.3355	.5622059
#3	.0330750	.003589	.0409694	.0081961	.001837	124.7658	.5624698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047211	-.001068	92.01682	.1755694	.1114353	.2559994	259.5576
Stddev	.0000796	.000193	.40456	.0007997	.0003328	.0032349	1.2622
%RSD	1.686635	18.05387	.4396604	.4554705	.2986158	1.263619	.4862774

#1	.0046820	-.001238	92.45332	.1747600	.1111209	.2546011	260.6170
#2	.0048128	-.000858	91.65444	.1755891	.1117838	.2536989	258.1611
#3	.0046686	-.001108	91.94270	.1763590	.1114011	.2596982	259.8948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.424074	80.26072	.2327226	-.018580	1.697507	.4673365	.4415144
Stddev	.007682	.46700	.0007456	.000181	.057538	.0003513	.0029578
%RSD	.1416201	.5818597	.3203640	.9729448	3.389562	.0751727	.6699243

#1	5.425057	80.66055	.2331807	-.018490	1.763805	.4675419	.4440436
#2	5.415948	79.74745	.2318623	-.018789	1.668112	.4669309	.4382621
#3	5.431217	80.37417	.2331248	-.018463	1.660606	.4675368	.4422375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.319889	5.611396	.4323479	.0008508	3.468756	4.755205	.0012002
Stddev	.018368	.004813	.0027103	.0002012	.019602	.015132	.0001169
%RSD	.4251900	.0857746	.6268858	23.64253	.5651082	.3182108	9.736763

#1	4.299989	5.611762	.4330022	.0008103	3.464495	4.741894	.0011281
#2	4.336193	5.606410	.4293704	.0010692	3.490138	4.752060	.0013350
#3	4.323485	5.616015	.4346712	.0006730	3.451634	4.771662	.0011375

Sample Name: K5051-20 Acquired: 09/30/2019 13:39:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLME0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.210279	.1310255	.4580238
Stddev	.013431	.0018623	.0007288
%RSD	.2162723	1.421333	.1591236

#1	6.205334	.1320785	.4584141
#2	6.200022	.1321228	.4571830
#3	6.225482	.1288753	.4584744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1491.430	2765.035	34692.53	6687.031	2543.363
Stddev	10.561	5.149	81.86	43.402	3.017
%RSD	.7081278	.1862050	.2359488	.6490448	.1186114

#1	1479.240	2770.313	34601.40	6653.487	2540.212
#2	1497.827	2764.765	34759.81	6736.049	2546.224
#3	1497.223	2760.027	34716.38	6671.557	2543.653

Sample Name: K5051-22 Acquired: 09/30/2019 13:47:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLME0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016585	.1142068	.0886044	.0928826	.0825064	139.6934	4.868180
Stddev	.0041239	.0017769	.0008014	.0029447	.0006903	.4202	.029318
%RSD	4.056586	1.555887	.9045135	3.170364	.8366539	.3008335	.6022422

#1	.1019669	.1162586	.0876941	.0947559	.0830673	139.6907	4.880670
#2	.1056196	.1131954	.0892037	.0944035	.0827163	140.1150	4.889185
#3	.0973891	.1131665	.0889154	.0894884	.0817355	139.2745	4.834686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040333	.1079853	98.26776	.5945832	1.221166	.6795767	279.8010
Stddev	.0006605	.0005016	.55588	.0022721	.001521	.0019480	1.0387
%RSD	.6348717	.4645454	.5656798	.3821322	.1245606	.2866542	.3712393

#1	.1047581	.1076502	98.58101	.5957644	1.222042	.6773292	280.2324
#2	.1038767	.1077437	98.59633	.5919638	1.219409	.6807804	280.5545
#3	.1034653	.1085620	97.62595	.5960214	1.222046	.6806205	278.6161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.761285	86.04784	1.359065	.0865801	2.166895	1.534346	1.367981
Stddev	.038946	.33731	.002886	.0006977	.228164	.003584	.009063
%RSD	.5760138	.3920032	.2123847	.8058542	10.52954	.2336039	.6625351

#1	6.796260	86.36083	1.358852	.0861394	1.908215	1.534915	1.357959
#2	6.768280	86.09212	1.356291	.0862165	2.339507	1.537612	1.375601
#3	6.719316	85.69058	1.362052	.0873846	2.252961	1.530511	1.370384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.846343	5.996372	.4682894	.0013434	3.985958	4.649070	-.000844
Stddev	.098164	.023361	.0038626	.0001851	.005491	.050395	.001080
%RSD	2.025532	.3895775	.8248335	13.78173	.1377475	1.083985	127.9437

#1	4.851659	6.013971	.4695018	.0011854	3.983600	4.705196	.000066
#2	4.941742	6.005277	.4714003	.0012976	3.982040	4.634314	-.000561
#3	4.745629	5.969869	.4639660	.0015471	3.992233	4.607700	-.002037

Sample Name: K5051-22 Acquired: 09/30/2019 13:47:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLME0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.577175	.1399656	.4909691
Stddev	.018798	.0010751	.0013043
%RSD	.2858031	.7681161	.2656586

#1	6.573583	.1411780	.4895038
#2	6.597510	.1395906	.4920033
#3	6.560433	.1391283	.4914002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.809	2759.777	34868.44	6737.061	2516.255
Stddev	8.405	2.153	111.65	55.072	4.071
%RSD	.5608049	.0780276	.3202115	.8174426	.1617813

#1	1504.561	2761.975	34958.96	6690.686	2512.862
#2	1489.162	2757.671	34743.68	6722.568	2520.769
#3	1502.703	2759.683	34902.69	6797.930	2515.134

Sample Name: K5051-20LX5 Acquired: 09/30/2019 13:51:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLME0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116550	-.001457	.0066285	-.000817	-.002673	26.32235	.1204208
Stddev	.0061048	.001929	.0010794	.002392	.002149	.05452	.0013952
%RSD	52.37975	132.4297	16.28415	292.6322	80.37685	.2071174	1.158614

#1	.0046696	-.000113	.0075153	-.002647	-.000364	26.38488	.1218213
#2	.0143274	-.000590	.0054266	.001889	-.004613	26.28479	.1204101
#3	.0159679	-.003668	.0069435	-.001695	-.003043	26.29738	.1190310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011933	-.000369	19.95674	.0394879	.0224353	.0581657	56.74308
Stddev	.0001294	.000032	.19537	.0006921	.0003492	.0019259	.40752
%RSD	10.84251	8.624527	.9789844	1.752652	1.556255	3.310999	.7181805

#1	.0012975	-.000394	20.17427	.0387267	.0222138	.0586197	57.21084
#2	.0012339	-.000334	19.89976	.0396579	.0222543	.0560534	56.55356
#3	.0010485	-.000380	19.79620	.0400792	.0228378	.0598240	56.46483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182579	17.19687	.0472888	-.004612	.1392263	.1017293	.0937616
Stddev	.007221	.19556	.0003853	.000082	.1584963	.0018046	.0031724
%RSD	.6105860	1.137196	.8146881	1.768595	113.8408	1.773964	3.383497

#1	1.190878	17.42245	.0471697	-.004704	-.016940	.0998872	.0971215
#2	1.177737	17.07520	.0477195	-.004546	.134665	.1018067	.0908178
#3	1.179121	17.09295	.0469771	-.004587	.299954	.1034940	.0933454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8054099	1.127576	.0879949	.0002491	.6839974	1.034971	.0001259
Stddev	.1010994	.006949	.0007546	.0002852	.0095489	.009357	.0003803
%RSD	12.55255	.6162612	.8575303	114.4673	1.396041	.9040783	302.0592

#1	.7575746	1.119618	.0888657	.0000667	.6734386	1.044786	-.000153
#2	.7371053	1.130670	.0875852	.0001029	.6865263	1.033975	.000559
#3	.9215497	1.132441	.0875338	.0005777	.6920272	1.026152	-.000029

Sample Name: K5051-20LX5 Acquired: 09/30/2019 13:51:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLME0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.331852	.0265431	.0996228
Stddev	.003954	.0010275	.0004197
%RSD	.2968477	3.871248	.4212758

#1	1.336150	.0275157	.0992093
#2	1.328371	.0266454	.1000484
#3	1.331033	.0254682	.0996106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.456	2628.313	33008.08	6241.811	2664.632
Stddev	2.984	1.378	120.99	55.563	4.286
%RSD	.2080379	.0524105	.3665436	.8901742	.1608613

#1	1431.345	2627.106	32911.03	6182.820	2668.824
#2	1434.728	2628.019	33143.63	6249.458	2660.257
#3	1437.295	2629.813	32969.58	6293.154	2664.815

Sample Name: K5085-02 Acquired: 09/30/2019 13:59:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512236	.0093985	.6337930	.0034136	.0035027	107.2888	.7852153
Stddev	.0031453	.0007871	.0036895	.0039198	.0003616	.2541	.0053495
%RSD	6.140405	8.375157	.5821238	114.8308	10.32494	.2368145	.6812721

#1	.0515919	.0098471	.6353311	.0077732	.0038677	107.5785	.7907651
#2	.0541686	.0084896	.6295834	.0022876	.0034958	107.1844	.7847892
#3	.0479103	.0098587	.6364646	.0001800	.0031445	107.1036	.7800917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119955	.0046305	22.21472	.1420803	.1809175	.3779902	363.8733
Stddev	.0000844	.0000856	.19606	.0009519	.0010420	.0015381	1.6776
%RSD	.7033913	1.849260	.8825734	.6699639	.5759311	.4069239	.4610383

#1	.0120559	.0045552	22.43670	.1411554	.1820021	.3790611	365.7984
#2	.0118991	.0046127	22.14222	.1420286	.1799242	.3786818	363.0969
#3	.0120315	.0047236	22.06522	.1430570	.1808262	.3762277	362.7245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.414817	17.42019	.2332746	-.024068	-.377352	.2670816	1.806618
Stddev	.029030	.09523	.0008210	.000163	.301860	.0017047	.011059
%RSD	.4525494	.5466499	.3519407	.6786738	79.99427	.6382569	.6121352

#1	6.448329	17.51059	.2337495	-.023961	-.676720	.2669803	1.795658
#2	6.398712	17.42920	.2337477	-.024256	-.382275	.2688347	1.817773
#3	6.397408	17.32078	.2323266	-.023987	-.073061	.2654298	1.806422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.64837	4.252439	.5297638	.0075291	3.096150	2.341930	.0358706
Stddev	.06521	.012750	.0023788	.0002762	.007187	.009904	.0004677
%RSD	.4777631	.2998267	.4490334	3.667852	.2321166	.4228985	1.303923

#1	13.61660	4.261380	.5323665	.0073299	3.103589	2.353139	.0362355
#2	13.60513	4.258098	.5277020	.0078443	3.095617	2.334361	.0353433
#3	13.72337	4.237839	.5292230	.0074130	3.089245	2.338290	.0360330

Sample Name: K5085-02 Acquired: 09/30/2019 13:59:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B11 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3292576	.1002593	.2057268
Stddev	.0014800	.0022892	.0003866
%RSD	.4495077	2.283261	.1879139

#1	.3307986	.1012930	.2053308
#2	.3278472	.0976356	.2061032
#3	.3291269	.1018494	.2057465

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.936	2834.922	35466.26	6752.560	2615.636
Stddev	8.647	2.752	104.99	49.653	3.877
%RSD	.5644729	.0970667	.2960232	.7353222	.1482083

#1	1533.598	2833.462	35375.37	6698.517	2611.177
#2	1522.578	2838.096	35581.18	6763.003	2618.204
#3	1539.631	2833.209	35442.24	6796.162	2617.527

Sample Name: K5085-01 Acquired: 09/30/2019 13:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005404	.0033316	.2664493	.0048383	.0032133	71.41600	.3988536
Stddev	.000623	.0017615	.0003579	.0035058	.0011450	.07564	.0017021
%RSD	11.53129	52.87306	.1343150	72.46033	35.63456	.1059196	.4267355

#1	-.005255	.0047383	.2661057	.0053305	.0031230	71.38734	.4000853
#2	-.006088	.0013559	.2668200	.0080720	.0021160	71.50178	.3995641
#3	-.004869	.0039006	.2664223	.0011124	.0044008	71.35887	.3969114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079813	.0030015	11.67372	.1304758	.0686464	.4860170	222.6886
Stddev	.0000306	.0000385	.12080	.0003635	.0004407	.0005742	.6411
%RSD	.3833793	1.281722	1.034806	.2785763	.6420364	.1181328	.2878896

#1	.0079583	.0030351	11.78120	.1304186	.0682448	.4853727	222.8254
#2	.0080161	.0029595	11.69698	.1308645	.0691179	.4864743	223.2503
#3	.0079696	.0030098	11.54298	.1301444	.0685767	.4862040	221.9902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.864874	7.001617	.1620000	-.015528	-.333704	.2256702	1.011915
Stddev	.015360	.037249	.0006625	.000112	.131471	.0028298	.012349
%RSD	.5361533	.5319987	.4089303	.7193567	39.39767	1.253954	1.220392

#1	2.872522	7.024374	.1613439	-.015657	-.253399	.2226336	.999405
#2	2.874910	7.021846	.1626687	-.015470	-.262285	.2282336	1.012242
#3	2.847191	6.958631	.1619873	-.015457	-.485427	.2261433	1.024097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.673113	1.071223	.3156027	.0061210	.6068065	1.682832	.0103596
Stddev	.062837	.005468	.0010828	.0001618	.0033062	.019128	.0002416
%RSD	.6496078	.5104374	.3430850	2.643786	.5448537	1.136684	2.331697

#1	9.636775	1.065217	.3143531	.0062366	.6093619	1.695254	.0103208
#2	9.745671	1.075912	.3161910	.0059361	.6030725	1.692439	.0106183
#3	9.636893	1.072540	.3162639	.0061904	.6079851	1.660804	.0101399

Sample Name: K5085-01 Acquired: 09/30/2019 13:55:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B10 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1954706	.0838430	.2367485
Stddev	.0009531	.0007394	.0006495
%RSD	.4876124	.8818838	.2743402

#1	.1956983	.0835209	.2361080
#2	.1962893	.0846888	.2367307
#3	.1944242	.0833192	.2374067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.700	2899.898	36145.19	6837.926	2661.926
Stddev	7.109	3.328	190.56	82.960	3.226
%RSD	.4534785	.1147546	.5272019	1.213234	.1211854

#1	1573.446	2900.653	35936.43	6782.042	2665.363
#2	1559.750	2902.784	36189.35	6798.488	2661.452
#3	1569.906	2896.258	36309.80	6933.249	2658.964

Sample Name: K5085-04 Acquired: 09/30/2019 14:07:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B11S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139870	.1061751	.6580744	.0766587	.0229926	102.6779	4.540601
Stddev	.0044360	.0022961	.0034635	.0013222	.0017477	.1559	.023500
%RSD	3.891658	2.162564	.5263028	1.724720	7.600977	.1518343	.5175474

#1	.1186936	.1045921	.6543305	.0751452	.0221160	102.5071	4.519511
#2	.1098833	.1051246	.6587286	.0775886	.0218568	102.8126	4.565933
#3	.1133841	.1088085	.6611641	.0772423	.0250051	102.7139	4.536359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992976	.1010318	20.23712	.4838070	1.135616	.7187925	350.1426
Stddev	.0015621	.0000801	.12948	.0023063	.001081	.0020251	1.0609
%RSD	1.573124	.0792766	.6398022	.4767065	.0952216	.2817346	.3029837

#1	.0975560	.1009422	20.08761	.4819160	1.135103	.7170606	349.0020
#2	.1005748	.1010964	20.31157	.4831286	1.134886	.7182977	350.3259
#3	.0997619	.1010569	20.31218	.4863765	1.136858	.7210191	351.0999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.973845	15.62824	1.180452	.0747599	-.167869	1.160152	2.476143
Stddev	.010804	.02259	.001150	.0006943	.232957	.005143	.037830
%RSD	.1549259	.1445290	.0974128	.9287496	138.7732	.4433211	1.527790

#1	6.961443	15.60627	1.179863	.0739614	-.152400	1.163382	2.516860
#2	6.981220	15.62704	1.179717	.0750961	.056968	1.154221	2.442083
#3	6.978872	15.65140	1.181777	.0752221	-.408175	1.162854	2.469486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.57066	3.884135	.5084845	.0074268	2.829183	1.955934	.0701885
Stddev	.03666	.015913	.0054992	.0004125	.020749	.016181	.0020197
%RSD	.2915935	.4096959	1.081480	5.554618	.7333810	.8272957	2.877598

#1	12.57723	3.897124	.5124922	.0070311	2.847849	1.937910	.0701409
#2	12.53116	3.866384	.5022152	.0078543	2.806842	1.969210	.0681929
#3	12.60358	3.888895	.5107462	.0073950	2.832857	1.960682	.0722316

Sample Name: K5085-04 Acquired: 09/30/2019 14:07:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B11S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3061939	.0949457	.1998706
Stddev	.0024268	.0018560	.0001599
%RSD	.7925816	1.954754	.0800041

#1	.3071928	.0933440	.1996925
#2	.3034270	.0945134	.2000020
#3	.3079618	.0969796	.1999173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.563	2822.901	35278.71	6658.725	2626.840
Stddev	9.940	4.258	202.27	78.915	1.501
%RSD	.6502740	.1508241	.5733564	1.185143	.0571551

#1	1519.864	2818.456	35323.60	6732.341	2625.459
#2	1526.427	2826.943	35057.76	6575.408	2628.438
#3	1539.397	2823.304	35454.76	6668.427	2626.624

Sample Name: K5085-03 Acquired: 09/30/2019 14:03:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B11D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492441	.0080481	.6386194	.0052142	.0021279	107.5163	.7905791
Stddev	.0024601	.0022359	.0032261	.0050642	.0014810	.5592	.0073370
%RSD	4.995741	27.78170	.5051655	97.12256	69.59698	.5201106	.9280585

#1	.0473928	.0081971	.6352670	.0001691	.0024910	107.0040	.7880974
#2	.0483038	.0057415	.6417022	.0102972	.0033935	108.1128	.7988352
#3	.0520357	.0102058	.6388889	.0051763	.0004991	107.4320	.7848048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119749	.0046209	22.30379	.1424215	.1815064	.3734695	365.4103
Stddev	.0001343	.0001366	.20033	.0011336	.0006092	.0035102	2.1515
%RSD	1.121616	2.956904	.8981770	.7959611	.3356650	.9398901	.5887822

#1	.0119217	.0045218	22.12509	.1436113	.1817864	.3716368	363.3295
#2	.0121277	.0045640	22.52034	.1422992	.1808074	.3775168	367.6260
#3	.0118754	.0047767	22.26593	.1413540	.1819252	.3712551	365.2755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.474615	17.44043	.2331714	-.024596	-.543163	.2649842	1.827592
Stddev	.032000	.12831	.0005217	.000375	.157750	.0047870	.006764
%RSD	.4942337	.7357038	.2237341	1.525889	29.04290	1.806514	.3700831

#1	6.453904	17.35967	.2336915	-.024798	-.542445	.2594906	1.820664
#2	6.511471	17.58838	.2331746	-.024828	-.701271	.2682605	1.827934
#3	6.458470	17.37324	.2326482	-.024163	-.385773	.2672014	1.834178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.58892	4.234156	.5336973	.0072940	3.102979	2.356812	.0355388
Stddev	.07225	.013608	.0036521	.0004407	.005766	.013487	.0008454
%RSD	.5316564	.3213924	.6843000	6.042111	.1858165	.5722703	2.378800

#1	13.50838	4.222430	.5294820	.0068496	3.096336	2.365281	.0361126
#2	13.64802	4.230960	.5356981	.0077309	3.105916	2.363896	.0345680
#3	13.61037	4.249078	.5359117	.0073017	3.106685	2.341258	.0359359

Sample Name: K5085-03 Acquired: 09/30/2019 14:03:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B11D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3312940	.1029786	.2054009
Stddev	.0003553	.0016141	.0009005
%RSD	.1072337	1.567448	.4383874

#1	.3310750	.1045035	.2051372
#2	.3311030	.1031441	.2046618
#3	.3317039	.1012880	.2064038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.278	2836.413	35113.97	6728.290	2613.524
Stddev	3.016	4.835	81.83	9.582	5.449
%RSD	.1989068	.1704662	.2330532	.1424181	.2084962

#1	1513.306	2841.627	35092.00	6718.611	2617.122
#2	1519.336	2835.534	35045.37	6728.488	2616.194
#3	1516.193	2832.078	35204.55	6737.773	2607.255

Sample Name: K5085-05 Acquired: 09/30/2019 14:15:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B12 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603124	.0086360	.6457525	.0040663	-.000284	123.0107	.7658330
Stddev	.0023410	.0037577	.0008002	.0028714	.001010	.4292	.0025026
%RSD	3.881456	43.51248	.1239248	70.61663	355.7059	.3488836	.3267795

#1	.0592300	.0078529	.6459639	.0031076	-.000883	122.5186	.7629440
#2	.0629987	.0053314	.6448677	.0017968	-.000851	123.3072	.7672213
#3	.0587084	.0127235	.6464257	.0072944	.000882	123.2063	.7673337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099114	.0029898	15.29324	.1387425	.1138627	.1897176	291.8410
Stddev	.0001286	.0000989	.05719	.0015272	.0007506	.0004817	.5030
%RSD	1.297141	3.308006	.3739764	1.100739	.6592602	.2538960	.1723627

#1	.0098690	.0030604	15.22907	.1403860	.1129994	.1892658	291.2644
#2	.0100558	.0028768	15.31180	.1373671	.1142269	.1902244	292.1899
#3	.0098094	.0030322	15.33885	.1384743	.1143617	.1896624	292.0688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.693394	15.71627	.1971547	-.020138	-.576004	.2355111	1.794235
Stddev	.006927	.06271	.0007463	.000482	.171756	.0020354	.008458
%RSD	.2571760	.3990354	.3785537	2.392596	29.81858	.8642647	.4713904

#1	2.685955	15.64548	.1963298	-.020482	-.379904	.2376595	1.785539
#2	2.699659	15.73844	.1977832	-.020346	-.648392	.2336115	1.794732
#3	2.694569	15.76488	.1973511	-.019588	-.699717	.2352622	1.802433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.652342	7.918209	.4210776	.0085403	1.734604	2.598890	.0513318
Stddev	.021356	.032370	.0009643	.0002221	.007297	.015724	.0016561
%RSD	.3210240	.4088024	.2290201	2.600310	.4206550	.6050184	3.226322

#1	6.629650	7.882052	.4200649	.0087324	1.733450	2.616796	.0531877
#2	6.672046	7.944491	.4219850	.0085915	1.727953	2.587333	.0500046
#3	6.655331	7.928084	.4211827	.0082971	1.742409	2.592543	.0508029

Sample Name: K5085-05 Acquired: 09/30/2019 14:15:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B12 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2919160	.1059221	.0643276
Stddev	.0019837	.0019939	.0001445
%RSD	.6795469	1.882434	.2246684

#1	.2901072	.1046885	.0641660
#2	.2916034	.1048554	.0643722
#3	.2940375	.1082225	.0644445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.897	2760.643	34169.79	6493.463	2647.193
Stddev	3.696	6.689	91.65	9.455	6.378
%RSD	.2488886	.2423134	.2682153	.1456074	.2409511

#1	1488.592	2758.065	34127.17	6504.326	2642.480
#2	1484.897	2755.627	34107.21	6487.085	2644.649
#3	1481.200	2768.238	34274.98	6488.977	2654.451

Sample Name: K5085-02LX5 Acquired: 09/30/2019 14:10:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B11L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165073	-.000507	.1259374	-.001220	-.002473	23.06599	.1707822
Stddev	.0026361	.001004	.0004858	.003369	.002170	.10518	.0011512
%RSD	15.96914	197.9862	.3857664	276.1814	87.75858	.4559766	.6740434

#1	.0139956	-.000850	.1254578	-.004172	-.000174	22.94469	.1701514
#2	.0162741	.000624	.1259250	-.001936	-.004486	23.13185	.1721109
#3	.0192522	-.001295	.1264292	.002449	-.002758	23.12143	.1700843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028171	.0007066	4.897188	.0318359	.0362806	.0857198	79.93320
Stddev	.0000655	.0000381	.034538	.0005874	.0000573	.0014169	.50094
%RSD	2.323973	5.389834	.7052541	1.845106	.1579500	1.652934	.6267009

#1	.0028049	.0007434	4.864787	.0321873	.0363245	.0853108	79.40990
#2	.0028878	.0007091	4.933525	.0311578	.0362158	.0872962	80.40830
#3	.0027586	.0006673	4.893252	.0321627	.0363016	.0845524	79.98140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.429843	3.819409	.0470604	-.005979	-.408007	.0548953	.3920044
Stddev	.009374	.021696	.0004459	.000656	.237994	.0014688	.0062947
%RSD	.6555839	.5680419	.9474391	10.97671	58.33095	2.675690	1.605784

#1	1.419106	3.822619	.0467281	-.005799	-.558669	.0557713	.3967741
#2	1.436397	3.839322	.0475671	-.006707	-.531716	.0531996	.3848697
#3	1.434027	3.796288	.0468859	-.005432	-.133636	.0557151	.3943695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.736121	.8584225	.1092645	.0016209	.6150325	.5208072	.0065311
Stddev	.050213	.0018415	.0004399	.0002062	.0071630	.0109312	.0008955
%RSD	1.835185	.2145243	.4026457	12.71919	1.164647	2.098900	13.71167

#1	2.786786	.8564600	.1093783	.0015704	.6067640	.5087600	.0068825
#2	2.735204	.8601128	.1087789	.0014447	.6193450	.5300928	.0055132
#3	2.686373	.8586948	.1096364	.0018476	.6189886	.5235688	.0071978

Sample Name: K5085-02LX5 Acquired: 09/30/2019 14:10:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B11L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0731135	.0203521	.0445482
Stddev	.0019200	.0018297	.0002525
%RSD	2.626064	8.990072	.5668507

#1	.0713429	.0185067	.0444311
#2	.0751543	.0203838	.0443756
#3	.0728432	.0221657	.0448380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.195	2659.421	32892.74	6176.830	2700.528
Stddev	2.747	.680	122.95	84.627	2.272
%RSD	.1922313	.0255551	.3737828	1.370065	.0841260

#1	1432.355	2658.665	32975.94	6247.265	2698.930
#2	1427.862	2659.983	32751.52	6082.954	2699.527
#3	1427.369	2659.615	32950.75	6200.271	2703.129

Sample Name: K5085-06 Acquired: 09/30/2019 14:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099740	.0091325	.2038220	.0021163	.0028974	150.0799	.5655188
Stddev	.0051093	.0024758	.0018857	.0028588	.0010065	.6139	.0038232
%RSD	51.22609	27.10979	.9251826	135.0833	34.73603	.4090723	.6760492

#1	.0089977	.0117776	.2056892	.0000824	.0017847	149.3755	.5611111
#2	.0054233	.0087493	.2038584	.0053849	.0037442	150.5015	.5675092
#3	.0155009	.0068707	.2019183	.0008816	.0031634	150.3627	.5679361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134720	-.001156	5.464007	.1937431	.1465888	.2700646	432.4542
Stddev	.0001195	.000027	.029788	.0004383	.0002784	.0015170	1.6950
%RSD	.8870137	2.329042	.5451624	.2262389	.1898892	.5617246	.3919442

#1	.0133356	-.001146	5.442290	.1935287	.1467582	.2689976	430.6846
#2	.0135579	-.001136	5.451766	.1934533	.1467407	.2718012	432.6148
#3	.0135226	-.001187	5.497965	.1942474	.1462675	.2693950	434.0632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.967319	25.12395	.3224767	-.030999	-.660609	.3030668	1.189155
Stddev	.007846	.11224	.0010286	.000393	.225229	.0006426	.005690
%RSD	.3988286	.4467477	.3189598	1.266309	34.09423	.2120216	.4785087

#1	1.958705	25.09782	.3225188	-.030968	-.633566	.3037061	1.183017
#2	1.969193	25.02709	.3214277	-.031406	-.898139	.3030734	1.194255
#3	1.974058	25.24696	.3234835	-.030623	-.450122	.3024210	1.190192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.891249	3.455250	.6211038	.0073040	1.001650	3.515061	.0172096
Stddev	.002874	.028663	.0010002	.0001786	.011865	.011814	.0008073
%RSD	.0290539	.8295454	.1610332	2.445826	1.184517	.3360988	4.691255

#1	9.888521	3.455654	.6199593	.0070999	1.006045	3.527368	.0163426
#2	9.894249	3.426387	.6215422	.0073802	.988215	3.503811	.0179399
#3	9.890977	3.483709	.6218100	.0074319	1.010690	3.514004	.0173461

Sample Name: K5085-06 Acquired: 09/30/2019 14:18:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B13 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5399334	.1437057	.0490857
Stddev	.0023914	.0031147	.0002683
%RSD	.4428974	2.167404	.5466904

#1	.5415298	.1414085	.0488301
#2	.5410864	.1424577	.0490619
#3	.5371840	.1472508	.0493652

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.219	2806.024	34884.80	6524.757	2621.492
Stddev	5.541	5.487	98.59	29.733	7.507
%RSD	.3664380	.1955425	.2826210	.4556972	.2863820

#1	1517.282	2809.311	34931.54	6549.658	2625.546
#2	1506.299	2809.071	34771.53	6532.777	2626.102
#3	1513.078	2799.690	34951.33	6491.837	2612.830

Sample Name: K5085-08 Acquired: 09/30/2019 14:22:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1590731	.0137662	5.680024	.0062649	.0021115	79.22242
Stddev	.0038129	.0043277	.008325	.0067969	.0031142	.40306
%RSD	2.396965	31.43721	.1465735	108.4922	147.4893	.5087755

#1	.1613939	.0087702	5.682471	.0032046	.0050200	78.80166
#2	.1546725	.0163573	5.670749	.0140540	-.001174	79.60508
#3	.1611528	.0161712	5.686851	.0015362	.002489	79.26052

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.747037	.0108558	.0955769	21.80579	.2865461	.1182956
Stddev	.022881	.0002376	.0002347	.35207	.0024732	.0003817
%RSD	.8329156	2.188228	.2455694	1.614559	.8631066	.3226694

#1	2.727792	.0107799	.0956227	21.51413	.2873336	.1182593
#2	2.772335	.0111220	.0957853	22.19688	.2885297	.1186942
#3	2.740984	.0106654	.0953227	21.70637	.2837751	.1179333

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6443995	503.7500	5.731787	10.32997	.1774999	-.031363
Stddev	.0015034	4.0538	.033873	.12093	.0004277	.000354
%RSD	.2333082	.8047195	.5909661	1.170666	.2409730	1.128466

#1	.6452229	499.8895	5.702747	10.19323	.1773450	-.031769
#2	.6453115	507.9727	5.768998	10.42284	.1779835	-.031206
#3	.6426643	503.3878	5.723617	10.37384	.1771712	-.031116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.839128	.1943407	14.85003	5.798033	F 11.21593	.7315294
Stddev	.264122	.0004828	.13126	.077082	.01953	.0091399
%RSD	31.47584	.2484515	.8839360	1.329448	.1740945	1.249419

#1	-.659865	.1942088	14.94949	5.746109	11.23368	.7218084
#2	-1.14244	.1948758	14.70125	5.886601	11.21909	.7399484
#3	-.71508	.1939375	14.89934	5.761388	11.19502	.7328315

Sample Name: K5085-08 Acquired: 09/30/2019 14:22:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B17 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084196	4.155686	1.785690	.7637652	.2927890	.0699561
Stddev	.0002244	.009211	.029433	.0040611	.0011554	.0011122
%RSD	2.665265	.2216564	1.648272	.5317179	.3946184	1.589815
#1	.0086752	4.164841	1.763356	.7591011	.2919681	.0686924
#2	.0082549	4.155799	1.819042	.7656771	.2941103	.0707862
#3	.0083287	4.146419	1.774670	.7665176	.2922887	.0703896

Elem	Sr4077
Units	ppm
Avg	.1609980
Stddev	.0005469
%RSD	.3397097
#1	.1603941
#2	.1611400
#3	.1614599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.787	2711.196	33811.80	6408.169	2645.862
Stddev	3.771	3.230	35.06	65.121	4.990
%RSD	.2594159	.1191388	.1036803	1.016221	.1885969
#1	1453.470	2710.346	33812.91	6466.866	2644.499
#2	1457.707	2714.766	33846.29	6338.117	2651.392
#3	1450.185	2708.476	33776.20	6419.523	2641.696

Sample Name: K5085-10 Acquired: 09/30/2019 14:30:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587306	.0078431	.3579930	.0044522	.0026058	132.7844	.8895236
Stddev	.0064033	.0045918	.0034445	.0051696	.0028196	.5734	.0053703
%RSD	10.90282	58.54598	.9621688	116.1121	108.2062	.4318553	.6037259

#1	.0636729	.0103257	.3559145	-.001300	.0058613	132.1263	.8842300
#2	.0610219	.0106592	.3619690	.008708	.0010221	133.1765	.8949674
#3	.0514968	.0025444	.3560956	.005949	.0009341	133.0503	.8893733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129650	.0100298	19.96321	.1888389	.1125466	.2372745	395.2296
Stddev	.0000335	.0000983	.21092	.0008157	.0003527	.0025575	2.1221
%RSD	.2584757	.9799833	1.056524	.4319679	.3134221	1.077869	.5369218

#1	.0129333	.0101375	19.76760	.1885028	.1127782	.2348541	392.7793
#2	.0130001	.0099449	20.18667	.1897690	.1121407	.2399500	396.4691
#3	.0129615	.0100071	19.93535	.1882450	.1127211	.2370194	396.4404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.205602	19.42733	.2070880	-.028210	-.881790	.2700964	2.574971
Stddev	.009591	.06624	.0004014	.000460	.157559	.0040070	.007509
%RSD	.4348438	.3409569	.1938552	1.632335	17.86807	1.483553	.2916073

#1	2.194532	19.35411	.2066565	-.028173	-.703689	.2666061	2.583422
#2	2.211414	19.48309	.2071569	-.028688	-1.00301	.2744720	2.569067
#3	2.210860	19.44480	.2074505	-.027769	-.93867	.2692110	2.572424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.571098	3.694488	.5692648	.0053546	1.521439	2.427587	.0265977
Stddev	.028794	.021070	.0024134	.0003053	.003965	.028368	.0006359
%RSD	.3359389	.5703184	.4239444	5.702295	.2606184	1.168575	2.390781

#1	8.549636	3.683201	.5687349	.0053131	1.518125	2.396693	.0259424
#2	8.603820	3.718798	.5671604	.0050721	1.525832	2.452464	.0266385
#3	8.559837	3.681467	.5718991	.0056785	1.520359	2.433604	.0272123

Sample Name: K5085-10 Acquired: 09/30/2019 14:30:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B19 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2196492	.1115790	.0716486
Stddev	.0010083	.0017253	.0003106
%RSD	.4590570	1.546269	.4335596

#1	.2190759	.1130276	.0714117
#2	.2190582	.1120390	.0715339
#3	.2208134	.1096703	.0720003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.162	2719.388	33670.35	6371.351	2616.482
Stddev	8.804	3.204	143.98	41.755	3.745
%RSD	.6037809	.1178252	.4276276	.6553623	.1431178

#1	1453.916	2715.688	33713.52	6412.257	2612.163
#2	1452.286	2721.225	33509.72	6328.795	2618.817
#3	1468.285	2721.251	33787.80	6373.002	2618.467

Sample Name: K5085-09 Acquired: 09/30/2019 14:26:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0621447	.0065263	3.020114	.0032977	.0001458	112.5085	1.842625
Stddev	.0012817	.0031610	.003585	.0015514	.0014156	.9673	.022361
%RSD	2.062372	48.43477	.1187087	47.04392	971.2247	.8597784	1.213518

#1	.0635696	.0059489	3.016931	.0015088	.0017479	111.5747	1.822407
#2	.0610861	.0036938	3.019414	.0042740	-.000936	112.4446	1.838828
#3	.0617783	.0099362	3.023998	.0041102	-.000374	113.5062	1.866642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105631	.1014229	22.33239	.2298186	.1625633	.4885917	342.9199
Stddev	.0001983	.0002414	.35997	.0008370	.0007213	.0027508	3.7204
%RSD	1.877406	.2380000	1.611874	.3641906	.4437232	.5630117	1.084931

#1	.0103807	.1015360	21.99507	.2304560	.1625700	.4877083	339.2443
#2	.0107742	.1011457	22.29072	.2288708	.1618387	.4863911	342.8318
#3	.0105342	.1015869	22.71138	.2301291	.1632813	.4916757	346.6836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.597376	22.74861	.2787172	-.020965	-.436089	.2351109	14.64600
Stddev	.054229	.27424	.0002192	.000254	.189828	.0022138	.04395
%RSD	1.179558	1.205525	.0786342	1.209981	43.52976	.9415981	.3001148

#1	4.544421	22.48092	.2788336	-.021196	-.248673	.2330165	14.65475
#2	4.594914	22.73595	.2784644	-.020693	-.628241	.2348887	14.59833
#3	4.652794	23.02896	.2788535	-.021006	-.431352	.2374274	14.68492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.291560	7.495635	.4953895	.0040942	1.532117	1.913313	.3450289
Stddev	.064200	.050869	.0050793	.0002312	.005579	.020063	.0018713
%RSD	.6909524	.6786485	1.025325	5.645944	.3641539	1.048614	.5423628

#1	9.323289	7.512861	.4906741	.0043445	1.526916	1.890151	.3438757
#2	9.217673	7.438390	.4947267	.0038888	1.531424	1.924458	.3440230
#3	9.333718	7.535654	.5007677	.0040493	1.538010	1.925329	.3471881

Sample Name: K5085-09 Acquired: 09/30/2019 14:26:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B18 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2816626	.1180197	.1802002
Stddev	.0030592	.0015111	.0003459
%RSD	1.086129	1.280418	.1919671

#1	.2786822	.1172237	.1798174
#2	.2815106	.1170729	.1804905
#3	.2847949	.1197624	.1802928

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.396	2780.992	34303.53	6517.017	2620.769
Stddev	3.115	6.165	88.84	55.604	4.412
%RSD	.2097189	.2216788	.2589689	.8532130	.1683420

#1	1487.118	2786.489	34237.71	6580.729	2622.016
#2	1481.800	2782.162	34404.58	6492.051	2624.423
#3	1487.270	2774.327	34268.32	6478.273	2615.867

Sample Name: K5085-14 Acquired: 09/30/2019 15:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1874816	.0052433	2.458436	.0051430	.0006787	93.08645	1.755656
Stddev	.0048610	.0015443	.010501	.0006381	.0018831	.62231	.012612
%RSD	2.592786	29.45276	.4271533	12.40769	277.4771	.6685242	.7183382

#1	.1819739	.0041933	2.447701	.0049185	.0028260	92.60517	1.744216
#2	.1892982	.0070165	2.468687	.0058630	-.000098	93.78919	1.769179
#3	.1911727	.0045201	2.458922	.0046475	-.000692	92.86499	1.753572

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094901	.0298023	48.46753	.1107507	.1310486	.3568561	253.8945
Stddev	.0001858	.0001429	.47091	.0006946	.0001243	.0016587	2.0040
%RSD	1.958325	.4794398	.9716055	.6271748	.0948177	.4648105	.7893178

#1	.0093107	.0296375	48.03391	.1108159	.1311921	.3554277	252.0242
#2	.0094778	.0298911	48.96849	.1100258	.1309785	.3586753	256.0098
#3	.0096818	.0298783	48.40021	.1114104	.1309753	.3564653	253.6495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.247829	10.19208	.2184247	-.013735	-.081062	.2208371	10.25375
Stddev	.037810	.07016	.0004099	.000294	.233787	.0015353	.08746
%RSD	.7204964	.6883464	.1876615	2.138709	288.4052	.6952181	.8529368

#1	5.218781	10.11858	.2180835	-.013474	.177613	.2216162	10.34045
#2	5.290581	10.25833	.2183111	-.013679	-.277272	.2218267	10.25524
#3	5.234127	10.19931	.2188794	-.014053	-.143528	.2190685	10.16556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.656867	4.578987	.3782134	.0104197	2.872107	10.17432	.1031102
Stddev	.040953	.014979	.0020827	.0004050	.006527	.10670	.0011277
%RSD	.8794042	.3271290	.5506789	3.886936	.2272635	1.048752	1.093721

#1	4.679871	4.568716	.3762773	.0108628	2.865950	10.05229	.1040785
#2	4.681146	4.572070	.3804169	.0100686	2.878951	10.22056	.1018720
#3	4.609585	4.596175	.3779460	.0103276	2.871421	10.25010	.1033801

Sample Name: K5085-14 Acquired: 09/30/2019 15:00:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AY9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3734108	.0832064	.3600074
Stddev	.0024003	.0008834	.0015852
%RSD	.6428182	1.061710	.4403321

#1	.3713319	.0823611	.3589404
#2	.3760378	.0831345	.3618289
#3	.3728626	.0841236	.3592528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.954	2893.917	35700.03	6763.684	2625.389
Stddev	9.481	2.028	244.04	59.603	.940
%RSD	.6121024	.0700734	.6835805	.8812220	.0358178

#1	1538.794	2891.597	35774.29	6822.922	2624.427
#2	1550.502	2895.350	35427.49	6703.722	2626.306
#3	1557.566	2894.804	35898.32	6764.406	2625.436

Sample Name: CCB074 Acquired: 09/30/2019 14:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009227	-.002667	-.000214	.0010954	-.004070	.0183543	.0002952
Stddev	.0025185	.002059	.000697	.0021200	.000467	.0076812	.0007902
%RSD	272.9484	77.18420	325.9228	193.5356	11.46618	41.84968	267.6983

#1	.0022064	-.000384	.000270	.0010708	-.003567	.0244111	.0010336
#2	-.001979	-.003237	-.001012	.0032276	-.004489	.0209375	.0003902
#3	.002541	-.004381	.000101	-.001012	-.004156	.0097145	-.000538

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001609	.0000064	.0211817	.0007135	.0000755	.0014924	.0305710
Stddev	.0000515	.0000372	.0084603	.0006621	.0004527	.0014649	.0038946
%RSD	31.99677	578.6499	39.94141	92.80146	599.1894	98.15871	12.73968

#1	.0001716	-.000024	.0238463	.0008880	-.000389	.0016054	.0343599
#2	.0002062	-.000005	.0279889	.0012709	.000101	.0028974	.0265786
#3	.0001049	.000048	.0117099	-.000018	.000515	-.000026	.0307744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010197	.0042190	.0002536	-.000377	.0349080	-.001491	-.000810
Stddev	.0003231	.0137050	.0002002	.000064	.1579626	.002397	.000341
%RSD	31.68981	324.8406	78.94657	16.89544	452.5117	160.7224	42.06484

#1	.0013455	.0039870	.0003785	-.000304	.1447040	-.003067	-.000552
#2	.0006993	-.009369	.0003597	-.000413	.1061480	.001267	-.001197
#3	.0010142	.018039	.0000227	-.000415	-.146128	-.002675	-.000682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032997	-.004747	.0030936	.0006041	-.013577	-.003830	.0014324
Stddev	.043707	.002607	.0004342	.0000990	.001950	.000976	.0005040
%RSD	132.4594	54.90894	14.03478	16.38721	14.36625	25.47446	35.18827

#1	-.081910	-.007409	.0035390	.0005842	-.012959	-.004434	.0017625
#2	.002229	-.002199	.0030703	.0007115	-.015761	-.004352	.0016825
#3	-.019309	-.004633	.0026715	.0005165	-.012010	-.002705	.0008522

Sample Name: CCB074 Acquired: 09/30/2019 14:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018893	.0047301	.0002146
Stddev	.0012879	.0013343	.0000696
%RSD	68.16550	28.20869	32.44921

#1	.0015687	.0032041	.0002838
#2	.0007921	.0056770	.0002154
#3	.0033072	.0053093	.0001445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.983	2585.274	31820.19	5920.139	2702.713
Stddev	8.355	3.629	92.17	51.205	3.597
%RSD	.6036774	.1403769	.2896712	.8649233	.1330728

#1	1391.444	2588.425	31767.80	5868.882	2702.453
#2	1374.956	2586.091	31926.62	5971.291	2706.432
#3	1385.548	2581.307	31766.16	5920.245	2699.253

Sample Name: K5085-15 Acquired: 09/30/2019 15:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0843355	.0068840	.5858433	.0067450	.0007549	100.6885	1.094223
Stddev	.0049752	.0014795	.0011001	.0017339	.0017684	.2698	.005062
%RSD	5.899302	21.49182	.1877735	25.70642	234.2453	.2679060	.4626032

#1	.0786605	.0058622	.5848173	.0087451	.0007949	100.3819	1.088745
#2	.0863993	.0085806	.5870049	.0058233	.0025030	100.8892	1.098727
#3	.0879467	.0062093	.5857079	.0056667	-.001033	100.7944	1.095196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107202	.0061288	14.91172	.1265875	.1680549	.9795593	293.1468
Stddev	.0000772	.0001484	.04961	.0004381	.0005951	.0041581	.8862
%RSD	.7199549	2.421420	.3327183	.3460511	.3541281	.4244892	.3023104

#1	.0106919	.0062589	14.85609	.1267761	.1687196	.9753292	292.1301
#2	.0106612	.0059672	14.92768	.1260868	.1678735	.9797071	293.5549
#3	.0108075	.0061602	14.95138	.1268997	.1675716	.9836415	293.7554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.32913	10.55871	.1736568	-.019770	-.322242	.2672008	1.438776
Stddev	.04593	.04717	.0010647	.000859	.141159	.0055588	.006095
%RSD	.4054334	.4467186	.6131048	4.345078	43.80520	2.080389	.4236131

#1	11.28193	10.50690	.1732694	-.019291	-.468139	.2625718	1.431796
#2	11.37368	10.59916	.1728401	-.020762	-.186354	.2656644	1.441491
#3	11.33178	10.57006	.1748610	-.019257	-.312234	.2733662	1.443042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.961992	4.841616	.4234551	.0089322	2.251357	6.867656	.0237086
Stddev	.048272	.011398	.0011268	.0003466	.014386	.027143	.0000754
%RSD	.9728367	.2354129	.2660878	3.880347	.6390122	.3952252	.3181260

#1	5.012194	4.834511	.4225440	.0090655	2.239602	6.850196	.0236229
#2	4.915914	4.854763	.4247150	.0085387	2.267399	6.898927	.0237651
#3	4.957869	4.835575	.4231064	.0091923	2.247069	6.853846	.0237377

Sample Name: K5085-15 Acquired: 09/30/2019 15:04:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3685477	.0746237	.0677278
Stddev	.0013679	.0027159	.0000955
%RSD	.3711619	3.639452	.1410058

#1	.3673929	.0729665	.0678294
#2	.3700584	.0777580	.0677139
#3	.3681919	.0731466	.0676400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.416	2862.224	35379.69	6726.985	2639.561
Stddev	6.266	1.625	112.09	20.230	6.780
%RSD	.4080778	.0567586	.3168307	.3007226	.2568659

#1	1541.810	2860.438	35502.62	6739.934	2631.955
#2	1529.287	2863.615	35283.14	6703.673	2641.759
#3	1535.151	2862.618	35353.32	6737.347	2644.970

Sample Name: K5085-16 Acquired: 09/30/2019 15:08:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737383	.0086451	3.161520	.0031318	.0016854	84.45282	.9541160
Stddev	.0025933	.0028452	.000772	.0069236	.0025225	.17388	.0019829
%RSD	3.516956	32.91066	.0244156	221.0735	149.6699	.2058889	.2078294

#1	.0763261	.0118972	3.161353	.0108960	-.000398	84.28545	.9557404
#2	.0737492	.0074226	3.160845	.0009004	.004490	84.44045	.9519063
#3	.0711395	.0066156	3.162361	-.002401	.000965	84.63255	.9547013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080042	.0056392	8.047632	.1210497	.1909090	.2348601	220.1145
Stddev	.0000977	.0000670	.046406	.0016504	.0002611	.0031916	.4694
%RSD	1.220230	1.188471	.5766470	1.363447	.1367547	1.358930	.2132649

#1	.0081062	.0056063	8.093781	.1216649	.1906344	.2329052	219.5788
#2	.0079115	.0057163	8.000972	.1223042	.1911540	.2385431	220.4540
#3	.0079949	.0055949	8.048144	.1191800	.1909386	.2331319	220.3108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.673034	7.185761	.1385175	-.014643	-.410511	.2060763	3.048328
Stddev	.003607	.007919	.0007848	.000204	.104200	.0025727	.017821
%RSD	.0415902	.1102095	.5665722	1.390606	25.38294	1.248427	.5846313

#1	8.669604	7.180301	.1379191	-.014416	-.321706	.2083396	3.027887
#2	8.676795	7.194844	.1382273	-.014706	-.525219	.2032783	3.056491
#3	8.672702	7.182137	.1394060	-.014809	-.384609	.2066110	3.060605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.205995	3.097174	.3154071	.0067882	1.018801	2.218301	.0697663
Stddev	.014452	.007793	.0014808	.0003496	.003311	.022681	.0014088
%RSD	.4507744	.2516070	.4695002	5.149603	.3250104	1.022436	2.019339

#1	3.189761	3.105028	.3136979	.0063884	1.015069	2.240565	.0682572
#2	3.210762	3.089444	.3162206	.0070360	1.019947	2.219112	.0710469
#3	3.217461	3.097050	.3163029	.0069403	1.021387	2.195225	.0699948

Sample Name: K5085-16 Acquired: 09/30/2019 15:08:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2814626	.0575169	.0524066
Stddev	.0039158	.0014216	.0002120
%RSD	1.391222	2.471616	.4046141

#1	.2774491	.0585940	.0521820
#2	.2816660	.0559056	.0526034
#3	.2852727	.0580511	.0524342

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.803	2807.411	34620.57	6527.404	2653.833
Stddev	7.070	2.280	76.38	39.895	1.631
%RSD	.4701305	.0812255	.2206149	.6111860	.0614561

#1	1500.614	2805.102	34708.73	6481.456	2653.508
#2	1511.906	2809.661	34578.73	6553.241	2655.602
#3	1498.890	2807.471	34574.25	6547.514	2652.389

Sample Name: K5085-17 Acquired: 09/30/2019 15:12:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2032224	.0045219	1.033003	.0036974	.0028919	116.6756	.9423423
Stddev	.0057776	.0026031	.001350	.0009005	.0020359	.3566	.0045702
%RSD	2.842999	57.56603	.1306964	24.35552	70.40140	.3056111	.4849830

#1	.1965512	.0074999	1.033788	.0041595	.0050564	117.0285	.9470160
#2	.2066044	.0033857	1.031444	.0042730	.0010151	116.6829	.9421278
#3	.2065116	.0026800	1.033776	.0026596	.0026043	116.3155	.9378832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084461	.0162499	13.14311	.1381285	.1118302	.2645174	233.1634
Stddev	.0000876	.0002224	.09086	.0008211	.0003217	.0005348	1.3422
%RSD	1.036793	1.368477	.6912850	.5944622	.2876872	.2021827	.5756268

#1	.0085386	.0165064	13.22251	.1390677	.1115767	.2645673	234.4474
#2	.0083645	.0161326	13.16280	.1375464	.1121921	.2650255	233.2731
#3	.0084351	.0161107	13.04403	.1377713	.1117216	.2639594	231.7698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.185850	12.55118	.1325587	-.016023	-.147035	.2649483	4.671987
Stddev	.022825	.10951	.0003397	.000150	.329933	.0023074	.032181
%RSD	.5452991	.8724894	.2562986	.9392331	224.3902	.8709013	.6888138

#1	4.210306	12.65600	.1329177	-.016141	.098786	.2628204	4.687543
#2	4.182134	12.56003	.1325159	-.016074	-.017886	.2674009	4.634983
#3	4.165111	12.43752	.1322423	-.015854	-.522007	.2646234	4.693434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.220498	3.247998	.3349664	.0083343	1.339906	10.27088	.0482985
Stddev	.048347	.011669	.0028807	.0002683	.003472	.01400	.0022058
%RSD	1.145537	.3592714	.8599888	3.219480	.2591405	.1362739	4.566978

#1	4.166066	3.250296	.3365129	.0081530	1.342502	10.28185	.0469109
#2	4.258453	3.235351	.3367436	.0086426	1.341253	10.27566	.0471426
#3	4.236974	3.258348	.3316428	.0082074	1.335962	10.25511	.0508420

Sample Name: K5085-17 Acquired: 09/30/2019 15:12:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5199974	.0821189	.0899207
Stddev	.0041464	.0015202	.0004726
%RSD	.7973797	1.851182	.5255676

#1	.5182782	.0820624	.0903593
#2	.5247268	.0806277	.0899825
#3	.5169872	.0836665	.0894202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.479	2820.997	34828.14	6548.688	2648.637
Stddev	6.561	2.206	120.91	16.188	3.294
%RSD	.4337854	.0782032	.3471591	.2471994	.1243669

#1	1509.920	2823.511	34702.92	6533.484	2646.966
#2	1519.934	2819.386	34944.22	6546.870	2646.513
#3	1507.583	2820.093	34837.27	6565.708	2652.431

Sample Name: K5085-18 Acquired: 09/30/2019 15:16:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469071	.0099042	.2978697	.0011303	.0003722	103.9975	.4394348
Stddev	.0011832	.0064908	.0020543	.0016556	.0028172	.3856	.0027155
%RSD	2.522429	65.53503	.6896514	146.4735	756.9164	.3707818	.6179500

#1	.0478901	.0162637	.2961482	.0013670	.0018547	103.7271	.4401565
#2	.0455939	.0032898	.3001437	.0026548	.0021386	104.4390	.4417165
#3	.0472373	.0101593	.2973172	-.000631	-.002877	103.8263	.4364314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087852	-.000837	10.48911	.1255158	.4253879	.0474016	332.2214
Stddev	.0001970	.000046	.01406	.0003010	.0005524	.0008808	.9695
%RSD	2.242908	5.484987	.1340470	.2397929	.1298593	1.858175	.2918229

#1	.0088705	-.000888	10.49299	.1254961	.4256406	.0477138	331.6620
#2	.0089252	-.000801	10.47351	.1252252	.4247543	.0464072	333.3409
#3	.0085599	-.000821	10.50082	.1258261	.4257687	.0480838	331.6614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.88172	8.669530	.1206215	-.022770	-.622602	.2973520	.5320213
Stddev	.06268	.047316	.0003185	.000390	.116604	.0040619	.0110938
%RSD	.4865567	.5457716	.2640586	1.713488	18.72846	1.366014	2.085213

#1	12.85457	8.711240	.1202538	-.023116	-.514223	.2945293	.5222933
#2	12.95339	8.679236	.1208140	-.022347	-.607605	.3020073	.5296676
#3	12.83719	8.618114	.1207966	-.022848	-.745979	.2955194	.5441031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.735555	1.600837	.4749685	.0103605	.6964139	2.667358	.0082048
Stddev	.043811	.007839	.0038763	.0005438	.0027214	.033875	.0011092
%RSD	1.172822	.4896956	.8161186	5.248524	.3907752	1.269986	13.51949

#1	3.746107	1.597769	.4736627	.0098601	.6955501	2.691268	.0092601
#2	3.773127	1.594995	.4719137	.0102823	.6994624	2.682212	.0070485
#3	3.687432	1.609746	.4793291	.0109392	.6942293	2.628593	.0083058

Sample Name: K5085-18 Acquired: 09/30/2019 15:16:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3577282	.0709329	.0604299
Stddev	.0012679	.0005832	.0002120
%RSD	.3544228	.8221462	.3508328

#1	.3562647	.0714201	.0601993
#2	.3584945	.0710920	.0606165
#3	.3584254	.0702867	.0604738

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.211	2736.388	33688.51	6383.126	2639.072
Stddev	21.153	5.883	248.67	51.069	6.010
%RSD	1.452631	.2149801	.7381498	.8000554	.2277172

#1	1478.106	2731.053	33939.87	6382.834	2636.071
#2	1454.642	2735.414	33683.04	6332.204	2635.154
#3	1435.886	2742.697	33442.62	6434.340	2645.991

Sample Name: K5085-19 Acquired: 09/30/2019 15:20:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1580980	.0076543	5.783513	-.000681	-.025069	88.36836
Stddev	.0086134	.0027724	.008920	.002974	.002482	.33904
%RSD	5.448160	36.22035	.1542355	436.9321	9.901471	.3836688

#1	.1679932	.0107914	5.791496	-.002860	-.027125	88.01751
#2	.1540188	.0055335	5.773885	-.001890	-.025769	88.39336
#3	.1522819	.0066378	5.785158	.002708	-.022311	88.69421

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.846523	.0116653	.0338947	62.94489	.1880929	.1769909
Stddev	.017068	.0002660	.0002157	.57996	.0010408	.0008162
%RSD	.9243304	2.280340	.6364380	.9213750	.5533602	.4611533

#1	1.828447	.0114377	.0338548	62.33491	.1892124	.1776264
#2	1.848759	.0119577	.0337017	63.01052	.1871546	.1760704
#3	1.862362	.0116005	.0341276	63.48924	.1879116	.1772759

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4384607	498.0966	5.411655	8.998661	.1511894	-.033761
Stddev	.0035311	3.4402	.047718	.052951	.0005873	.000024
%RSD	.8053416	.6906788	.8817669	.5884309	.3884631	.0703625

#1	.4366839	494.6863	5.371144	8.939850	.1512417	-.033768
#2	.4361709	498.0375	5.399565	9.013587	.1517489	-.033781
#3	.4425273	501.5661	5.464255	9.042548	.1505777	-.033735

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434535	.2835081	6.107257	4.089270	F 21.58867	.7277799
Stddev	.1581447	.0007268	.067020	.022543	.01877	.0075413
%RSD	363.9400	.2563656	1.097382	.5512620	.0869344	1.036203

#1	-.074699	.2832266	6.145766	4.071556	21.57806	.7215874
#2	.223110	.2829641	6.029869	4.114644	21.57761	.7255741
#3	-.018051	.2843335	6.146135	4.081609	21.61034	.7361781

Sample Name: K5085-19 Acquired: 09/30/2019 15:20:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115133	1.946430	7.349570	4.333882	.4194800	.0658914
Stddev	.0002420	.006311	.067951	.002381	.0010903	.0008293
%RSD	2.101807	.3242417	.9245570	.0549306	.2599144	1.258629

#1	.0112414	1.939679	7.284719	4.335886	.4183993	.0659918
#2	.0115933	1.952182	7.420246	4.334510	.4194611	.0650164
#3	.0117051	1.947430	7.343746	4.331251	.4205796	.0666660

Elem	Sr4077
Units	ppm
Avg	.3396043
Stddev	.0011200
%RSD	.3297961

#1	.3385155
#2	.3395444
#3	.3407531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1474.941	2766.526	34475.71	6579.454	2609.916
Stddev	7.609	1.954	138.78	75.455	2.676
%RSD	.5159041	.0706308	.4025575	1.146829	.1025216

#1	1478.384	2768.228	34605.18	6650.503	2608.403
#2	1466.219	2764.393	34329.19	6500.254	2613.006
#3	1480.221	2766.958	34492.75	6587.605	2608.340

Sample Name: K5085-20 Acquired: 09/30/2019 15:24:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282830	.0053281	.3229665	.0028109	-.000588	90.60202	.5680702
Stddev	.0030907	.0022974	.0016814	.0022492	.001433	.44155	.0046603
%RSD	10.92770	43.11764	.5206048	80.01606	243.8679	.4873476	.8203663

#1	.0260926	.0038105	.3234750	.0045419	-.000029	90.10022	.5641598
#2	.0269383	.0042027	.3243350	.0036222	.000482	90.93108	.5732269
#3	.0318183	.0079712	.3210896	.0002687	-.002216	90.77478	.5668239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072278	.0013916	12.95856	.1072045	.1502407	.1497863	208.3679
Stddev	.0000579	.0001375	.10912	.0005079	.0001798	.0004395	1.5317
%RSD	.8011093	9.877963	.8420758	.4738166	.1196825	.2934355	.7351121

#1	.0071823	.0013977	12.86909	.1066680	.1504269	.1495426	207.0230
#2	.0072930	.0012511	13.08013	.1076781	.1500680	.1502937	210.0352
#3	.0072080	.0015258	12.92646	.1072674	.1502272	.1495226	208.0455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.581310	11.59096	.1660526	-.014702	-.097339	.2185056	.9855879
Stddev	.024367	.08801	.0002942	.000429	.145089	.0035852	.0054611
%RSD	.9439757	.7593245	.1771832	2.916491	149.0550	1.640805	.5540997

#1	2.565122	11.54542	.1658915	-.015119	-.167596	.2143695	.9854190
#2	2.609334	11.69241	.1658742	-.014263	.069504	.2204199	.9802131
#3	2.569473	11.53504	.1663922	-.014725	-.193925	.2207274	.9911315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.358345	1.233659	.2972144	.0051110	.3207742	8.160178	.0165097
Stddev	.068392	.004750	.0029400	.0001742	.0027996	.095934	.0025524
%RSD	1.276362	.3850546	.9891712	3.408477	.8727566	1.175639	15.45985

#1	5.321084	1.228215	.2939262	.0049771	.3223786	8.140021	.0192762
#2	5.316675	1.236963	.2981276	.0053080	.3224025	8.264589	.0160067
#3	5.437276	1.235798	.2995894	.0050480	.3175416	8.075924	.0142464

Sample Name: K5085-20 Acquired: 09/30/2019 15:24:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2964412	.0758638	.0802344
Stddev	.0020459	.0000292	.0001735
%RSD	.6901386	.0385309	.2162241

#1	.2948753	.0758918	.0800924
#2	.2987560	.0758335	.0804278
#3	.2956923	.0758662	.0801831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.344	2838.842	35153.99	6609.427	2654.891
Stddev	5.186	1.200	128.53	73.084	1.323
%RSD	.3395505	.0422783	.3656060	1.105760	.0498147

#1	1531.155	2837.971	35281.47	6635.517	2653.429
#2	1529.439	2840.211	35156.05	6526.878	2655.238
#3	1521.438	2838.343	35024.44	6665.885	2656.005

Sample Name: K5085-21 Acquired: 09/30/2019 15:28:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1441805	.0080117	2.175924	.0041206	.0033267	112.7164	1.839290
Stddev	.0028164	.0022543	.002241	.0056230	.0019927	.3856	.009056
%RSD	1.953383	28.13769	.1029820	136.4606	59.89972	.3420661	.4923452

#1	.1409940	.0060446	2.178476	.0074379	.0021790	112.4688	1.836357
#2	.1452113	.0075188	2.175019	.0072956	.0021734	113.1606	1.849449
#3	.1463364	.0104716	2.174278	-.002372	.0056277	112.5198	1.832065

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115891	.0276546	28.89814	.1509784	.1829461	.2664159	337.3884
Stddev	.0001107	.0001777	.25920	.0007699	.0001621	.0010748	2.2586
%RSD	.9552344	.6427132	.8969461	.5099315	.0886274	.4034429	.6694335

#1	.0115401	.0278250	28.92057	.1501354	.1827927	.2655300	336.6298
#2	.0117159	.0274703	29.14541	.1516442	.1831157	.2661061	339.9287
#3	.0115113	.0276686	28.62846	.1511557	.1829298	.2676116	335.6068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.181135	17.01487	.2237884	-.022804	-.551375	.2755147	8.591393
Stddev	.050386	.05004	.0007168	.000217	.146840	.0021328	.063314
%RSD	.5487988	.2940766	.3202927	.9536197	26.63161	.7741337	.7369461

#1	9.173135	16.99247	.2229840	-.022950	-.407202	.2775674	8.655095
#2	9.235042	17.07219	.2243593	-.022907	-.546177	.2756669	8.528475
#3	9.135228	16.97995	.2240217	-.022554	-.700744	.2733099	8.590610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.624011	7.552087	.4902702	.0077657	1.537495	6.027045	.1021804
Stddev	.036473	.018443	.0038155	.0004298	.002909	.049938	.0012261
%RSD	.4783972	.2442068	.7782341	5.534657	.1892344	.8285717	1.199924

#1	7.586892	7.570235	.4866440	.0076012	1.538787	5.996492	.1031012
#2	7.625341	7.552663	.4942503	.0074425	1.539534	6.084674	.1007886
#3	7.659802	7.533363	.4899163	.0082535	1.534163	5.999969	.1026513

Sample Name: K5085-21 Acquired: 09/30/2019 15:28:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3953196	.0959955	.1588404
Stddev	.0022246	.0010704	.0003222
%RSD	.5627426	1.115007	.2028473

#1	.3950471	.0950844	.1585082
#2	.3976680	.0971743	.1591516
#3	.3932438	.0957279	.1588615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1513.839	2813.975	34937.35	6663.605	2621.314
Stddev	17.325	3.292	279.17	11.574	4.231
%RSD	1.144437	.1170002	.7990544	.1736927	.1613967

#1	1501.969	2816.903	34662.36	6671.168	2618.636
#2	1533.719	2810.411	35220.52	6650.281	2619.114
#3	1505.827	2814.609	34929.19	6669.366	2626.191

Sample Name: K5085-22 Acquired: 09/30/2019 15:32:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400329	.0044398	.3265257	.0005797	.0003501	94.06061	.5242181
Stddev	.0021387	.0016805	.0016836	.0020919	.0022938	.18855	.0010906
%RSD	5.342402	37.85147	.5155957	360.8958	655.1053	.2004602	.2080434

#1	.0375744	.0027061	.3274648	.0012661	-.002142	93.88658	.5231383
#2	.0414648	.0045519	.3275302	-.001769	.002373	94.03433	.5241968
#3	.0410593	.0060615	.3245820	.002242	.000820	94.26093	.5253191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083451	.0010682	12.52421	.1369986	.1145319	.1394591	241.3332
Stddev	.0001436	.0000541	.03498	.0002924	.0006007	.0025503	.8079
%RSD	1.720799	5.067365	.2793179	.2134206	.5244681	1.828747	.3347617

#1	.0082091	.0010234	12.51211	.1373004	.1138426	.1378282	241.0903
#2	.0084953	.0010528	12.49689	.1369787	.1148094	.1381509	240.6746
#3	.0083308	.0011284	12.56364	.1367166	.1149436	.1423981	242.2347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.315281	10.00369	.1420775	-.017219	-.324313	.2517537	1.101214
Stddev	.006634	.03976	.0013259	.000246	.141289	.0016729	.017678
%RSD	.2865492	.3974246	.9332470	1.429621	43.56563	.6645053	1.605346

#1	2.317057	9.99424	.1407235	-.017291	-.307425	.2498949	1.113481
#2	2.307939	9.96951	.1433734	-.017420	-.473287	.2522278	1.080950
#3	2.320846	10.04732	.1421356	-.016944	-.192227	.2531385	1.109210

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.902892	1.407745	.3464790	.0060144	.3002739	8.630912	.0264943
Stddev	.007331	.009847	.0013337	.0003160	.0083801	.045988	.0015408
%RSD	.1495228	.6995048	.3849381	5.253934	2.790826	.5328247	5.815515

#1	4.898107	1.399625	.3461409	.0062530	.2915386	8.578732	.0252565
#2	4.911332	1.404912	.3453469	.0061341	.3082467	8.665535	.0282199
#3	4.899238	1.418698	.3479493	.0056560	.3010364	8.648469	.0260063

Sample Name: K5085-22 Acquired: 09/30/2019 15:32:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3092863	.0689563	.0815749
Stddev	.0015269	.0022365	.0001487
%RSD	.4936852	3.243403	.1823101

#1	.3110369	.0670558	.0814070
#2	.3082294	.0683921	.0816274
#3	.3085926	.0714208	.0816902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.752	2834.307	34946.50	6556.090	2653.835
Stddev	8.610	2.202	45.16	25.126	2.843
%RSD	.5680511	.0777053	.1292372	.3832466	.1071297

#1	1509.458	2836.291	34913.22	6579.040	2656.882
#2	1525.564	2831.937	34997.91	6559.985	2651.253
#3	1512.234	2834.691	34928.36	6529.243	2653.369

Sample Name: K5051-20A Acquired: 09/30/2019 16:00:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLME0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307727	.0010062	.0414053	.0054246	.1247456	124.7274	.5682218
Stddev	.0023255	.0001555	.0010942	.0026848	.0023889	.2540	.0036217
%RSD	7.557066	15.45798	2.642565	49.49273	1.914992	.2036088	.6373738

#1	.0325054	.0011480	.0410887	.0084418	.1268934	124.9829	.5719222
#2	.0316829	.0008398	.0426229	.0045328	.1221727	124.4750	.5646843
#3	.0281297	.0010309	.0405044	.0032993	.1251707	124.7243	.5680590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048103	-.000941	92.99082	.1751606	.1110607	.2565031	261.2950
Stddev	.0002094	.000121	.56870	.0002354	.0004186	.0041139	1.1989
%RSD	4.352865	12.88446	.6115701	.1343862	.3769307	1.603824	.4588181

#1	.0048260	-.000811	93.57492	.1752755	.1108809	.2517838	262.1955
#2	.0045935	-.000959	92.43887	.1748898	.1107621	.2583940	259.9342
#3	.0050114	-.001051	92.95866	.1753164	.1115392	.2593315	261.7552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.438603	80.77386	.2332869	-.018271	1.872238	.4648547	.4310160
Stddev	.025674	.30626	.0005266	.000228	.110906	.0054805	.0009444
%RSD	.4720649	.3791552	.2257320	1.245759	5.923722	1.178968	.2191119

#1	5.464357	81.01374	.2335263	-.018010	1.880955	.4711757	.4319179
#2	5.413010	80.42889	.2326831	-.018371	1.757230	.4614300	.4310961
#3	5.438442	80.87895	.2336512	-.018431	1.978528	.4619585	.4300342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.240700	5.754227	.4285324	.0006561	3.530149	4.758622	-.001808
Stddev	.047573	.010298	.0039247	.0001412	.007932	.024729	.001703
%RSD	1.121813	.1789658	.9158558	21.52138	.2246967	.5196705	94.19385

#1	4.205198	5.759402	.4301726	.0004939	3.539229	4.731561	-.000892
#2	4.222148	5.760911	.4240537	.0007232	3.524567	4.764258	-.003772
#3	4.294753	5.742368	.4313710	.0007512	3.526652	4.780047	-.000759

Sample Name: K5051-20A Acquired: 09/30/2019 16:00:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLME0A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.169586	.1319737	.4591622
Stddev	.012861	.0015858	.0008309
%RSD	.2084578	1.201634	.1809585

#1	6.183650	.1336922	.4582696
#2	6.158423	.1316620	.4593040
#3	6.166685	.1305668	.4599131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.814	2731.150	33874.57	6460.381	2515.175
Stddev	14.026	1.569	284.23	23.153	1.226
%RSD	.9588553	.0574520	.8390750	.3583846	.0487329

#1	1447.429	2729.963	33547.58	6440.669	2514.794
#2	1466.121	2730.559	34013.58	6454.594	2514.185
#3	1474.890	2732.929	34062.54	6485.878	2516.546

Sample Name: CCV075 Acquired: 09/30/2019 16:16:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695243	4.725387	23.81827	4.644031	4.677341	395.1657	10.07466
Stddev	.029649	.012636	.06330	.011796	.015082	5.7485	.06280
%RSD	.6314597	.2673977	.2657773	.2540008	.3224450	1.454694	.6233523

#1	4.661112	4.713393	23.76435	4.630769	4.659951	389.2859	10.04084
#2	4.714625	4.738579	23.80248	4.647975	4.685234	400.7731	10.14712
#3	4.709991	4.724190	23.88797	4.653350	4.686838	395.4383	10.03601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4899984	2.357094	408.3259	14.45770	2.412179	14.31096	401.3071
Stddev	.0020711	.005587	2.7820	.02794	.002842	.04719	2.5256
%RSD	.4226637	.2370292	.6813220	.1932253	.1178006	.3297610	.6293365

#1	.4915710	2.352231	406.4777	14.42560	2.409154	14.30751	399.6594
#2	.4907722	2.355853	411.5255	14.47649	2.412590	14.35979	404.2148
#3	.4876518	2.363196	406.9746	14.47102	2.414792	14.26560	400.0471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76049	396.4725	2.408780	1.245644	393.3156	2.422175	13.74469
Stddev	.10302	2.3630	.003649	.011044	1.3041	.003765	.01720
%RSD	.6979422	.5960001	.1514705	.8865962	.3315632	.1554420	.1251480

#1	14.71117	394.7641	2.405480	1.232935	392.6503	2.417835	13.73109
#2	14.87890	399.1691	2.408160	1.251093	394.8181	2.424574	13.73895
#3	14.69141	395.4841	2.412698	1.252905	392.4783	2.424115	13.76402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.6818	4.979478	5.278960	4.661122	4.857825	4.830381	4.828076
Stddev	.5193	.020168	.035188	.013394	.016752	.031103	.013792
%RSD	.3564656	.4050139	.6665770	.2873659	.3448438	.6439003	.2856542

#1	145.7174	4.957748	5.276699	4.646923	4.859196	4.835622	4.815224
#2	146.1824	4.983093	5.315224	4.662913	4.840430	4.858530	4.826357
#3	145.1457	4.997594	5.244957	4.673531	4.873849	4.796990	4.842646

Sample Name: CCV075 Acquired: 09/30/2019 16:16:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.852577	5.044555	4.757645
Stddev	.020605	.044065	.074608
%RSD	.4246258	.8735086	1.568163

#1	4.840463	5.022769	4.672245
#2	4.876369	5.095269	4.810168
#3	4.840900	5.015627	4.790521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.995	2160.222	28385.69	5648.812	2111.755
Stddev	2.242	4.488	164.05	35.496	1.326
%RSD	.1973587	.2077396	.5779424	.6283787	.0628079

#1	1134.298	2163.650	28572.30	5646.653	2112.956
#2	1138.536	2155.143	28320.61	5614.445	2110.331
#3	1135.150	2161.874	28264.17	5685.338	2111.977

Sample Name: CCB075 Acquired: 09/30/2019 16:20:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028735	.0005167	-.000805	-.000646	-.003302	.0146451	-.000302
Stddev	.0027871	.0006496	.001831	.003481	.002427	.0054620	.000312
%RSD	96.99308	125.7330	227.4242	538.7464	73.49122	37.29584	103.2779

#1	.0003178	.0012319	.000794	.003372	-.002338	.0199377	.000041
#2	.0024574	.0003550	-.000407	-.002573	-.006063	.0149696	-.000378
#3	.0058451	-.000037	-.002802	-.002737	-.001506	.0090281	-.000569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000794	.0000571	.0085897	.0002609	.0002673	-.000139	.0202213
Stddev	.0000492	.0000345	.0048855	.0005783	.0001522	.003263	.0072848
%RSD	61.91997	60.38691	56.87589	221.6806	56.94665	2340.467	36.02526

#1	.0001033	.0000187	.0030083	.0005721	.0004136	.003620	.0247603
#2	.0001121	.0000855	.0120903	.0006168	.0002786	-.002244	.0118186
#3	.0000229	.0000669	.0106705	-.000406	.0001098	-.001794	.0240851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007641	.0035372	.0000013	-.000487	-.156114	-.000936	-.000300
Stddev	.0003823	.0294260	.0004470	.000314	.228396	.001412	.000434
%RSD	50.03697	831.9015	34594.07	64.52903	146.3010	150.7320	144.8071

#1	.0012047	-.013206	-.000496	-.000678	.101596	-.002521	-.000502
#2	.0005198	-.013697	.000369	-.000657	-.236452	-.000476	.000199
#3	.0005678	.037514	.000131	-.000124	-.333485	.000188	-.000596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431555	-.002427	.0043032	.0005795	-.013544	-.004020	.0005078
Stddev	.0187630	.003017	.0002481	.0004161	.001259	.000864	.0007335
%RSD	43.47755	124.2681	5.764876	71.79753	9.293487	21.48246	144.4341

#1	.0407960	.000686	.0042955	.0008374	-.014877	-.003472	.0000789
#2	.0256839	-.002632	.0040590	.0008016	-.012376	-.005016	.0000899
#3	.0629867	-.005337	.0045550	.0000995	-.013379	-.003573	.0013548

Sample Name: CCB075 Acquired: 09/30/2019 16:20:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v974) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003312	.0058023	.0000931
Stddev	.0005216	.0009370	.0000707
%RSD	157.4850	16.14798	75.95545

#1	.0001619	.0065162	.0001555
#2	.0009164	.0047413	.0001074
#3	-.000085	.0061494	.0000163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.619	2584.663	32060.78	5974.095	2697.661
Stddev	11.501	7.003	207.64	17.856	3.467
%RSD	.8240989	.2709579	.6476488	.2988833	.1285067

#1	1387.917	2590.676	32079.23	5994.437	2698.359
#2	1390.100	2586.341	31844.53	5966.835	2700.725
#3	1408.840	2576.974	32258.58	5961.012	2693.898