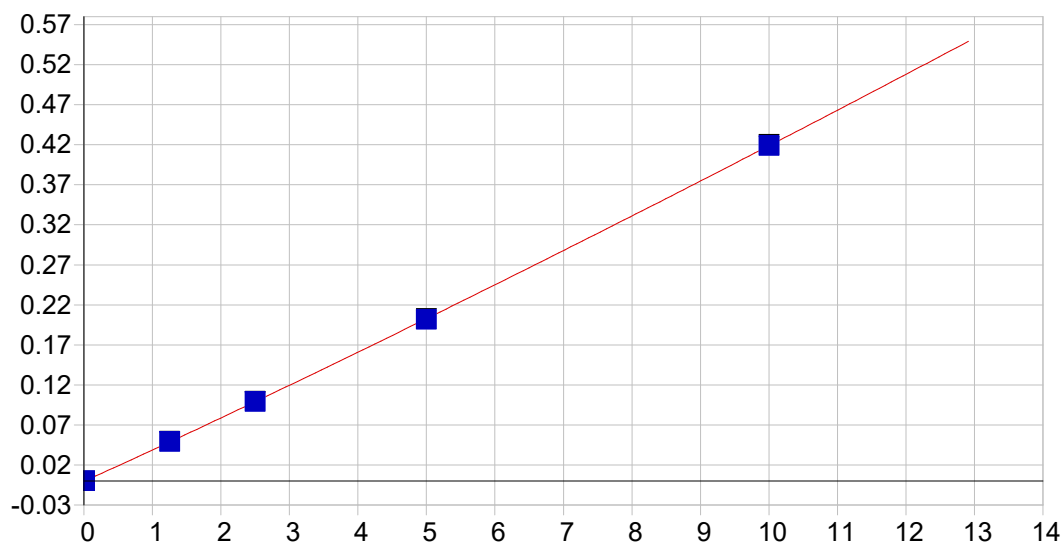




As 189.042 {479}

Date of Fit: 09/17/2019 3:15:42

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000070

Re-Slope: 1.000000

A1 (Gain): 0.038574

Y-int: 0.000000

A2 (Curvature): 0.000136

n (Exponent): 1.020000

Correlation: 0.999977

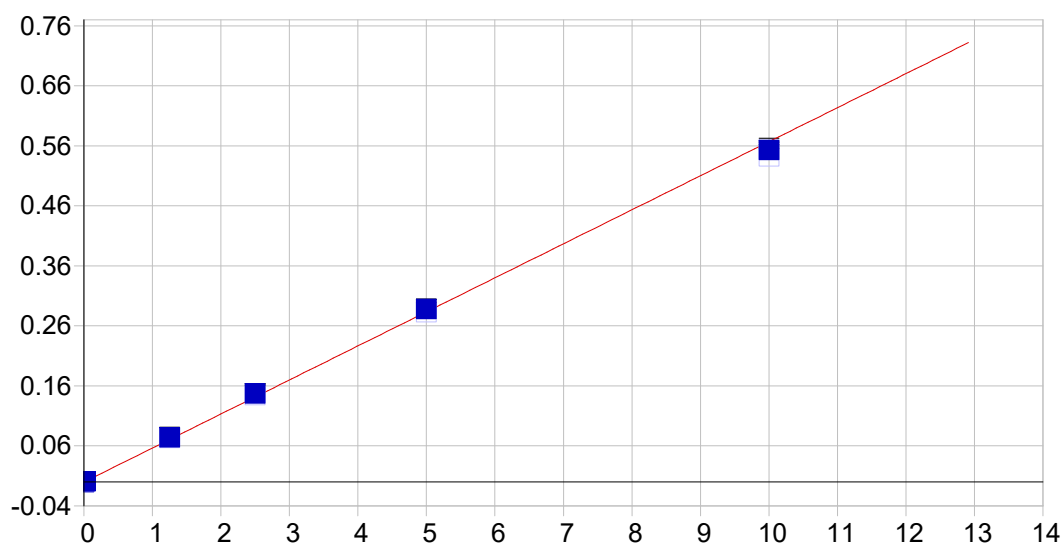
Status: Warning Positive Curvature

Std Error of Est: 0.000007

Predicted MDL: 0.003728

Predicted MQL: 0.012426

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.00732	-.003	-26.8	.00019	.000	1
S2	1.2500	1.2670	.017	1.36	.04923	.000	1
S3	2.5000	2.4988	-.001	-.046	.09892	.000	1
S4	5.0000	4.9784	-.022	-.431	.20171	.001	1
S5	10.000	10.008	.008	.085	.41887	.001	1

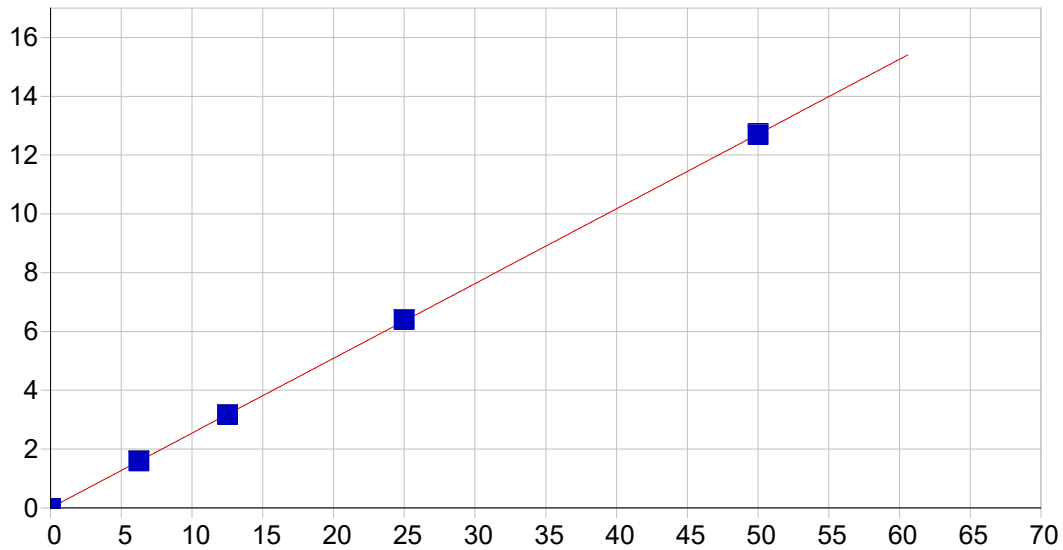


TI 190.856 {477}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000275 Re-Slope: 1.000000
 A1 (Gain): 0.056715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999598 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002640
 Predicted MQL: 0.008802

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.02500	.02573	.001	2.92	.00113	.000	1
S2	1.2500	1.3135	.063	5.08	.07291	.000	1
S3	2.5000	2.6001	.100	4.00	.14458	.000	1
S4	5.0000	5.0808	.081	1.62	.28265	.000	1
S5	10.000	9.7550	-.245	-2.45	.54253	.003	1

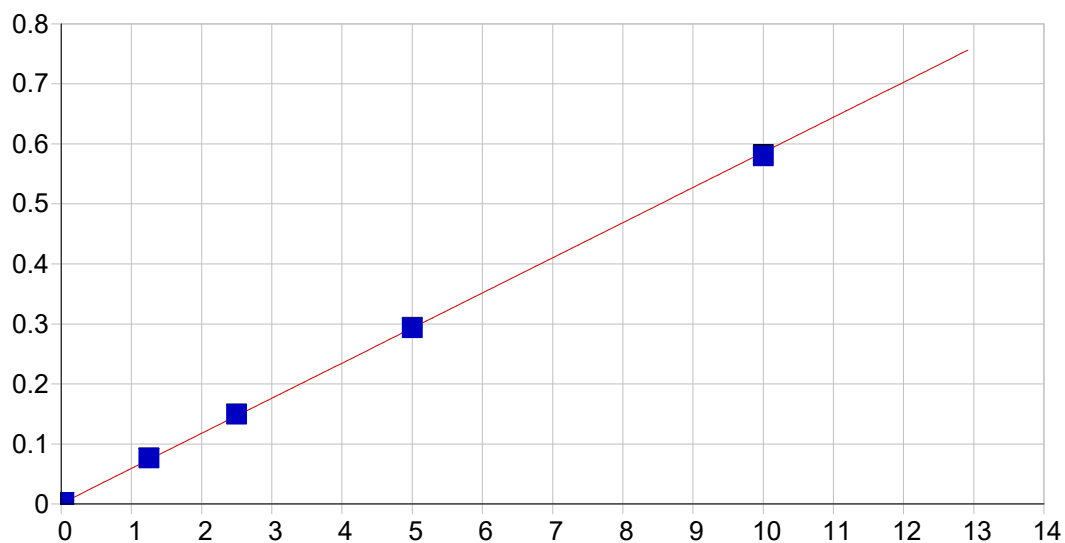


Pb 220.353 {453}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000607 Re-Slope: 1.000000
 A1 (Gain): 0.254265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001600
 Predicted MQL: 0.005333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.01000	.01032	.000	3.16	.00323	.000	1
S2	6.2500	6.2349	-.015	-.241	1.5862	.002	1
S3	12.500	12.465	-.035	-.277	3.1708	.008	1
S4	25.000	25.156	.156	.626	6.3983	.011	1
S5	50.000	49.893	-.107	-.214	12.689	.035	1

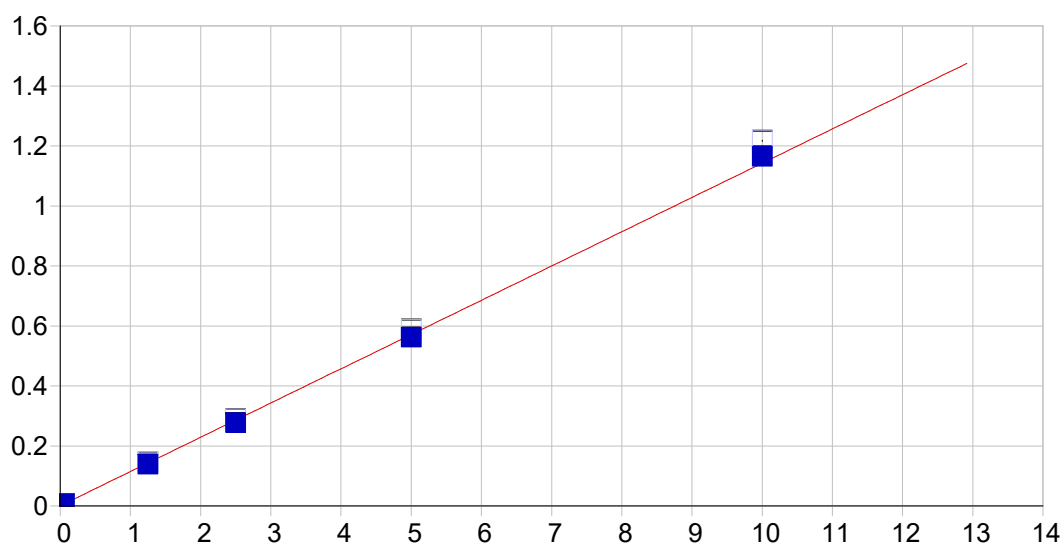


Se 196.090 {472}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000512	Re-Slope:	1.000000
A1 (Gain):	0.058526	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.003298		
Predicted MQL:	0.010992		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.03500	.03640	.001	4.00	.00264	.000	1
S2	1.2500	1.2956	.046	3.64	.07614	.000	1
S3	2.5000	2.5434	.043	1.74	.14898	.000	1
S4	5.0000	5.0045	.004	.090	.29263	.001	1
S5	10.000	9.9051	-.095	-.949	.57867	.002	1

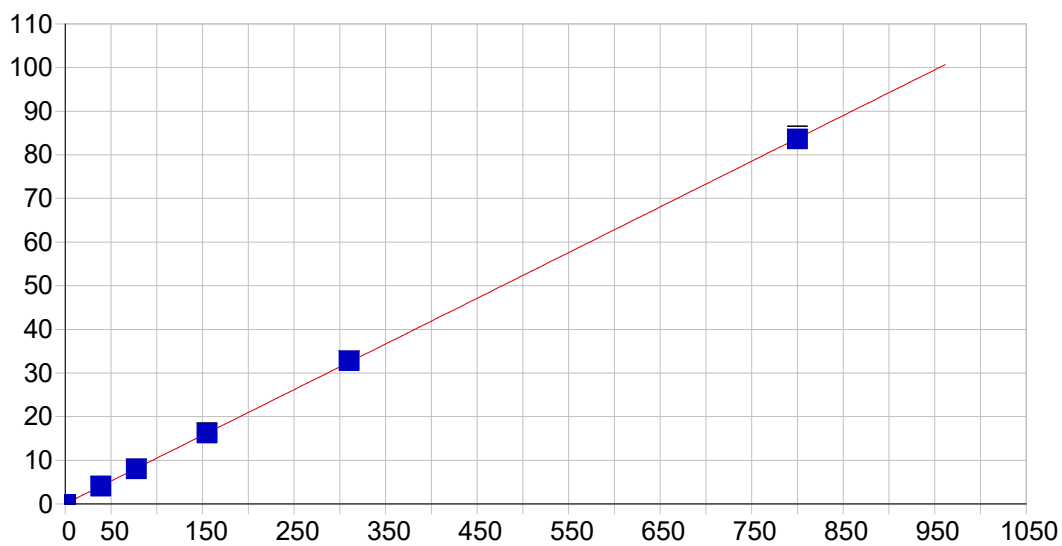


Sb 206.833 {463}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000314	Re-Slope:	1.000000
A1 (Gain):	0.114193	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999790	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.001963		
Predicted MQL:	0.006542		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.06000	.05877	-.001	-2.06	.00703	.000	1
S2	1.2500	1.2156	-.034	-2.76	.14569	.000	1
S3	2.5000	2.4214	-.079	-3.14	.28996	.000	1
S4	5.0000	4.9177	-.082	-1.65	.58817	.002	1
S5	10.000	10.196	.196	1.96	1.2173	.002	1

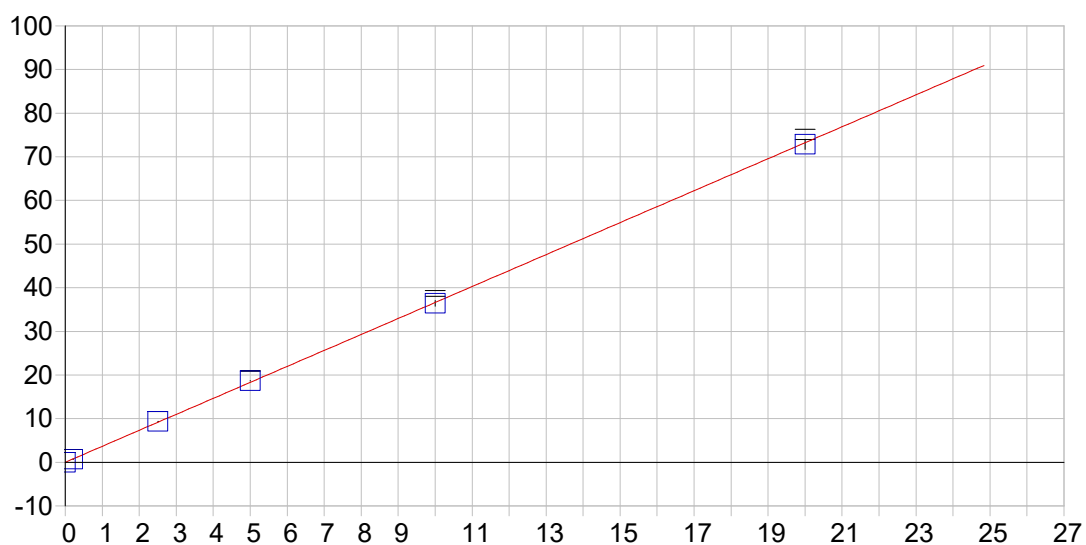


AI 396.152 { 85}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007053 Re-Slope: 1.000000
 A1 (Gain): 0.104700 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000393
 Predicted MDL: 0.009425
 Predicted MQL: 0.031416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00706	.001	1
S1	.20000	.18589	-.014	-7.05	.02688	.000	1
S2	38.750	38.260	-.490	-1.26	4.0210	.002	1
S3	77.500	76.614	-.886	-1.14	8.0448	.025	1
S4	155.00	154.70	-.299	-.193	16.237	.063	1
S5	310.00	313.06	3.06	.987	32.849	.032	1
S6	800.00	798.63	-1.37	-.171	83.676	.672	1

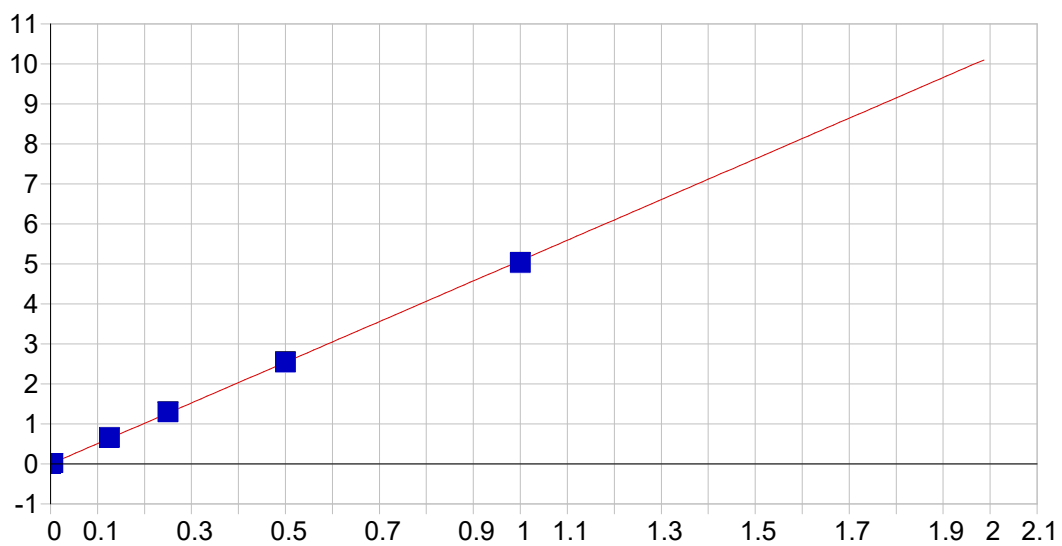


Ba 493.409 { 68}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000990 Re-Slope: 1.000000
 A1 (Gain): 3.661104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.003904
 Predicted MDL: 0.000553
 Predicted MQL: 0.001844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.001	1
S1	.20000	.19791	-.002	-1.05	.72555	.010	1
S2	2.5000	2.5544	.054	2.18	9.3529	.028	1
S3	5.0000	5.0962	.096	1.92	18.659	.062	1
S4	10.000	9.9475	-.053	-.525	36.420	.655	1
S5	20.000	19.904	-.096	-.480	72.872	1.20	1

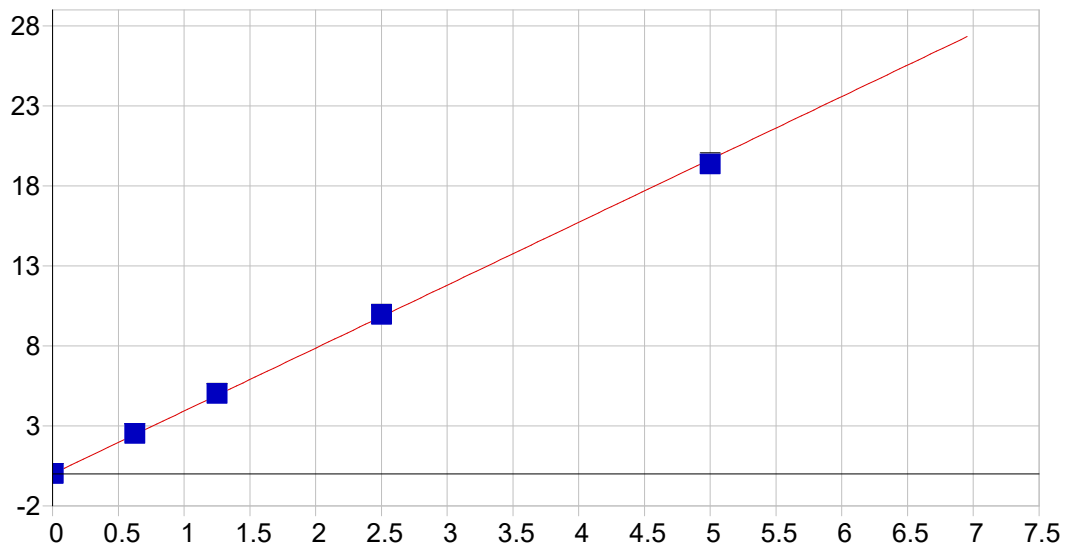


Be 234.861 {144}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001218	Re-Slope:	1.000000
A1 (Gain):	5.084311	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000272		
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	-.00122	.000	1
S1	.00500	.00501	.000	.111	.02422	.000	1
S2	.12500	.12949	.004	3.59	.65504	.003	1
S3	.25000	.25555	.006	2.22	1.2938	.008	1
S4	.50000	.49987	-.000	-.027	2.5318	.015	1
S5	1.0000	.99009	-.010	-.991	5.0158	.010	1

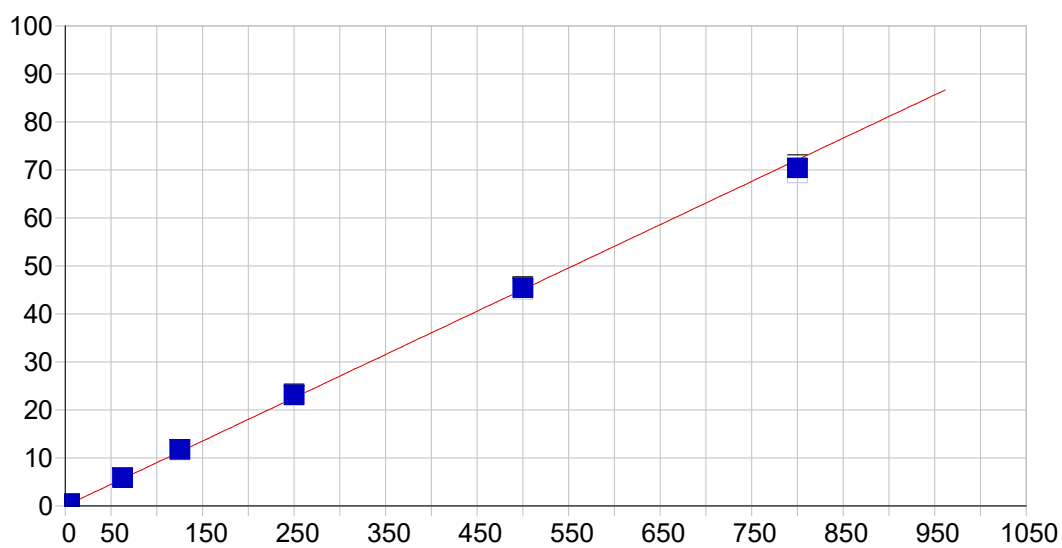


Cd 214.438 {457}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000020	Re-Slope:	1.000000
A1 (Gain):	3.930950	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000544		
Predicted MDL:	0.000074		
Predicted MQL:	0.000245		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00500	.00496	-.000	-.730	.01954	.000	1
S2	.62500	.64192	.017	2.71	2.5271	.002	1
S3	1.2500	1.2756	.026	2.05	5.0220	.011	1
S4	2.5000	2.5329	.033	1.32	9.9720	.011	1
S5	5.0000	4.9245	-.075	-1.51	19.388	.055	1

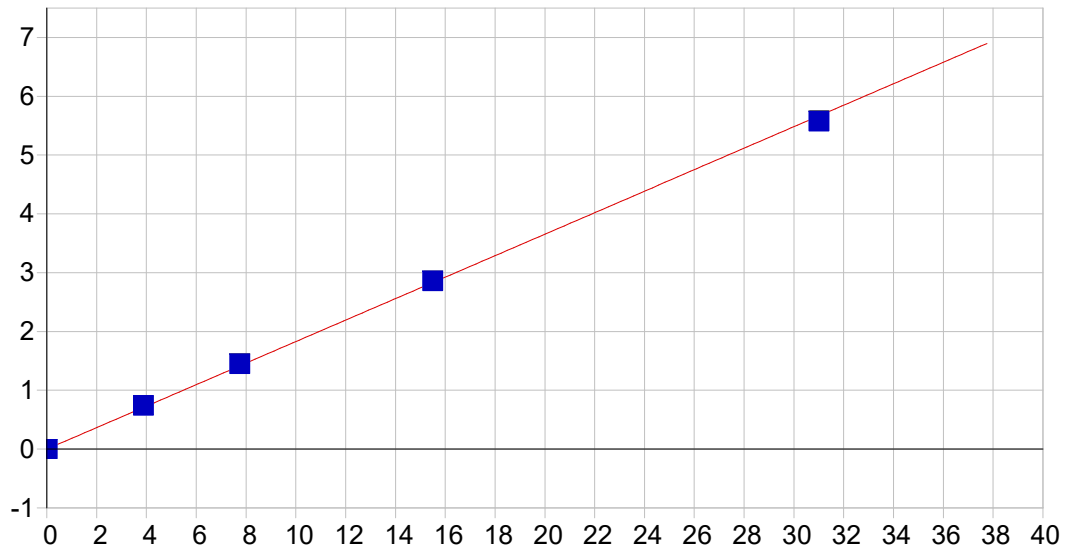


Ca 373.690 { 90}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000726 Re-Slope: 1.000000
 A1 (Gain): 0.090141 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.007580
 Predicted MDL: 0.010752
 Predicted MQL: 0.035841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00063	-.001	.000	.00067	.001	1
S1	5.0000	5.1386	.139	2.77	.46379	.006	1
S2	62.500	65.365	2.87	4.58	5.8424	.013	1
S3	125.00	130.08	5.08	4.07	11.626	.025	1
S4	250.00	256.70	6.70	2.68	22.938	.161	1
S5	500.00	504.18	4.18	.836	45.045	.190	1
S6	800.00	780.92	-19.1	-2.38	69.318	.653	1

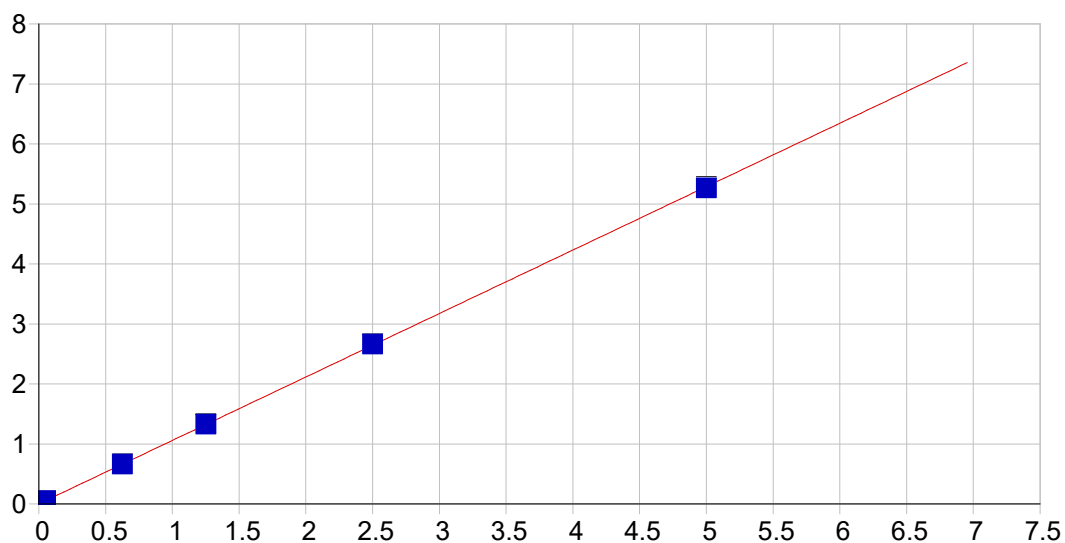


Cr 267.716 {126}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000028	Re-Slope:	1.000000
A1 (Gain):	0.182746	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999807	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000558		
Predicted MQL:	0.001860		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01051	.001	5.08	.00195	.000	1
S2	3.8750	4.0556	.181	4.66	.74205	.001	1
S3	7.7500	7.9319	.182	2.35	1.4513	.004	1
S4	15.500	15.647	.147	.948	2.8630	.002	1
S5	31.000	30.490	-.510	-1.64	5.5790	.006	1

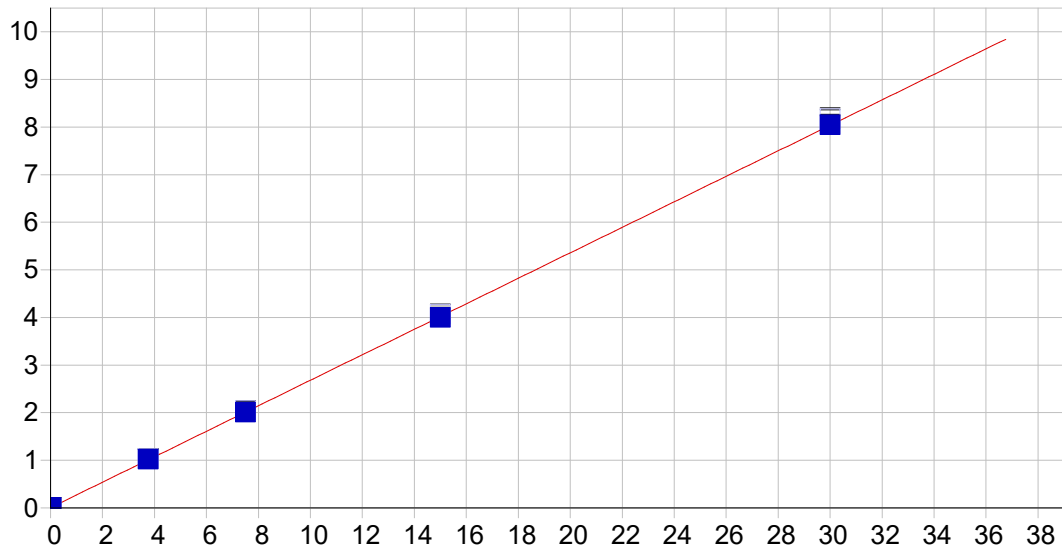


Co 228.616 {448}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000503	Re-Slope:	1.000000
A1 (Gain):	1.057479	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000171		
Predicted MDL:	0.000261		
Predicted MQL:	0.000871		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.05000	.04779	-.002	-4.42	.05123	.000	1
S2	.62500	.62698	.002	.317	.66457	.001	1
S3	1.2500	1.2540	.004	.317	1.3286	.002	1
S4	2.5000	2.5184	.018	.738	2.6679	.001	1
S5	5.0000	4.9778	-.022	-.443	5.2729	.014	1

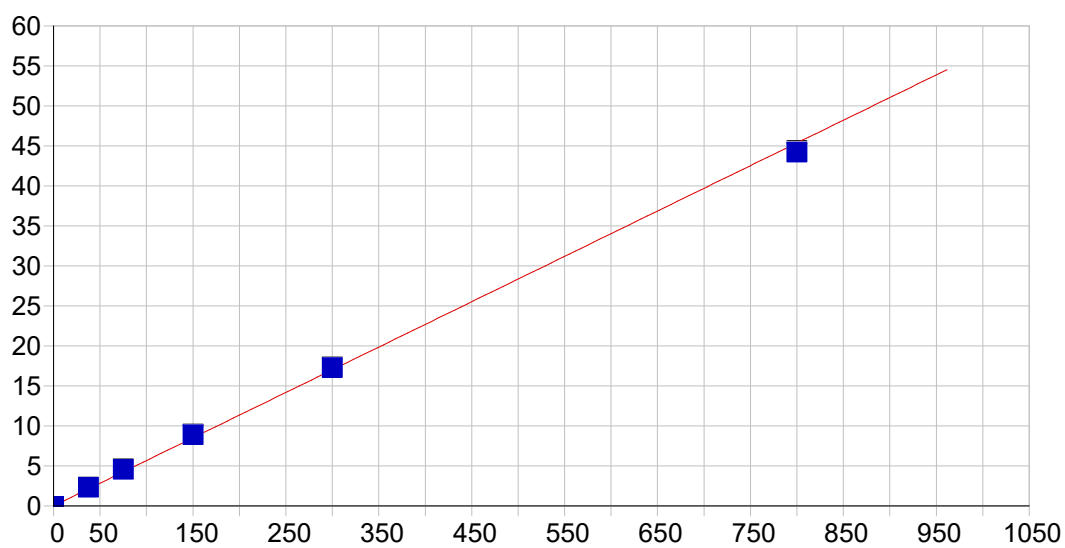


Cu 324.754 {104}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003825 Re-Slope: 1.000000
 A1 (Gain): 0.267747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002347
 Predicted MQL: 0.007822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00383	.000	1
S1	.02500	.02219	-.003	-11.2	.01111	.000	1
S2	3.7500	3.7953	.045	1.21	1.0361	.002	1
S3	7.5000	7.4890	-.011	-.147	2.0412	.005	1
S4	15.000	14.936	-.064	-.428	4.0672	.007	1
S5	30.000	30.033	.033	.111	8.1740	.018	1

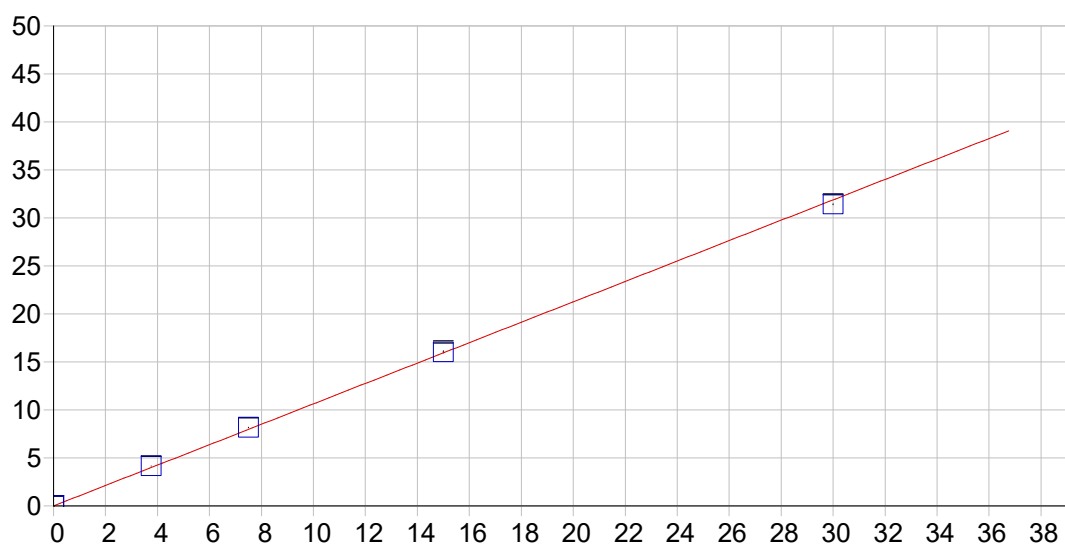


Fe 259.837 {130}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.056715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999411 Status: OK.
 Std Error of Est: 0.000852
 Predicted MDL: 0.006147
 Predicted MQL: 0.020489

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00014	.000	1
S1	.10000	.10890	.009	8.90	.00655	.000	1
S2	37.500	40.913	3.41	9.10	2.3250	.007	1
S3	75.000	80.469	5.47	7.29	4.5728	.023	1
S4	150.00	156.89	6.89	4.59	8.9157	.061	1
S5	300.00	304.54	4.54	1.51	17.308	.037	1
S6	800.00	779.66	-20.3	-2.54	44.276	.136	1

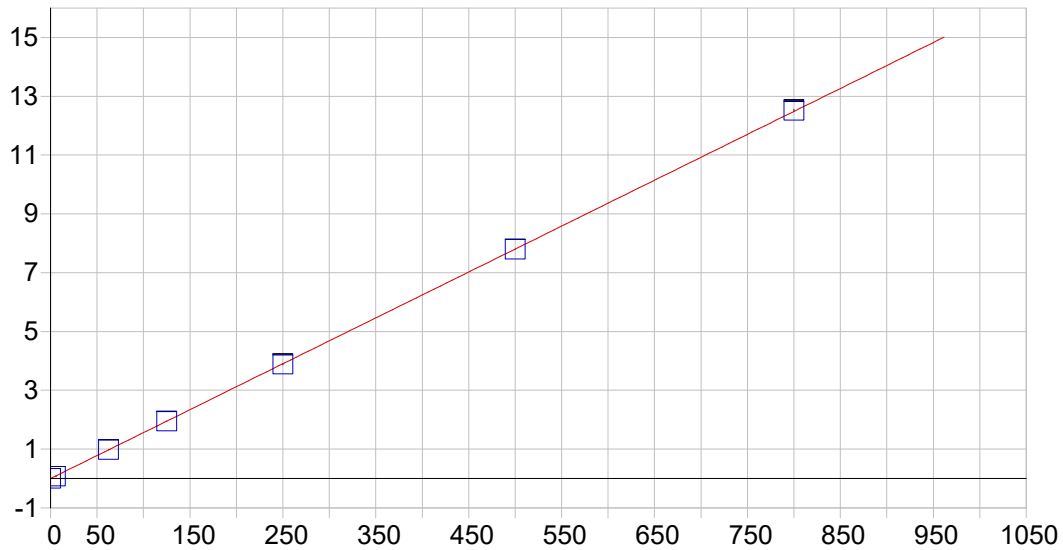


Mn 257.610 {131}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000772 Re-Slope: 1.000000
 A1 (Gain): 1.062760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000676
 Predicted MDL: 0.000329
 Predicted MQL: 0.001096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00077	.000	1
S1	.01500	.01572	.001	4.77	.01747	.000	1
S2	3.7500	3.9081	.158	4.22	4.1541	.008	1
S3	7.5000	7.6818	.182	2.42	8.1647	.020	1
S4	15.000	15.094	.094	.629	16.043	.108	1
S5	30.000	29.565	-.435	-1.45	31.421	.046	1

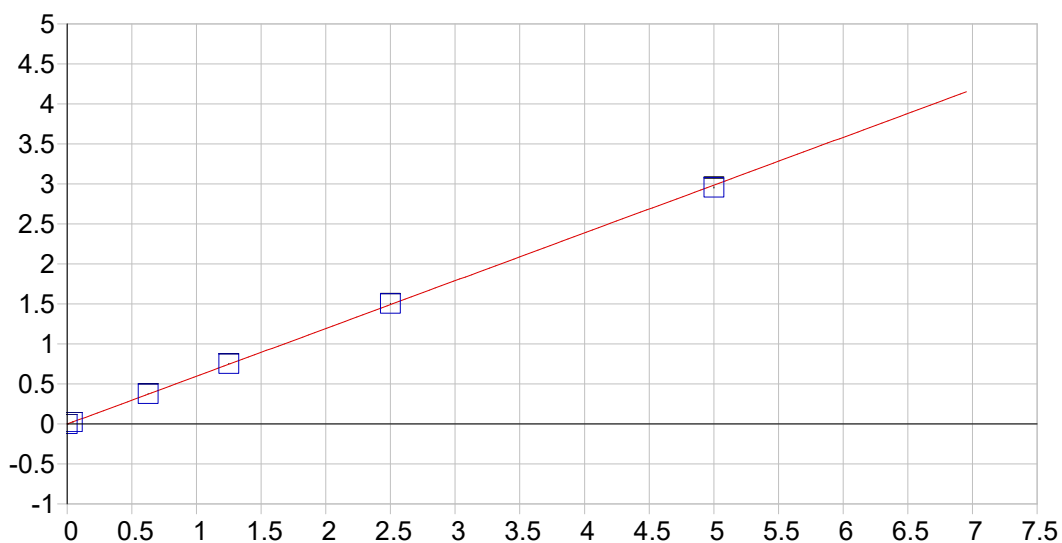


Mg 279.079 {121}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.015608 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.023571
 Predicted MQL: 0.078570

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	-.00015	.001	1
S1	5.0000	4.9630	-.037	-.740	.07731	.001	1
S2	62.500	62.678	.178	.284	.97810	.001	1
S3	125.00	124.61	-.389	-.311	1.9447	.005	1
S4	250.00	248.80	-1.20	-.482	3.8830	.021	1
S5	500.00	499.53	-.468	-.094	7.7963	.006	1
S6	800.00	801.92	1.92	.240	12.516	.033	1

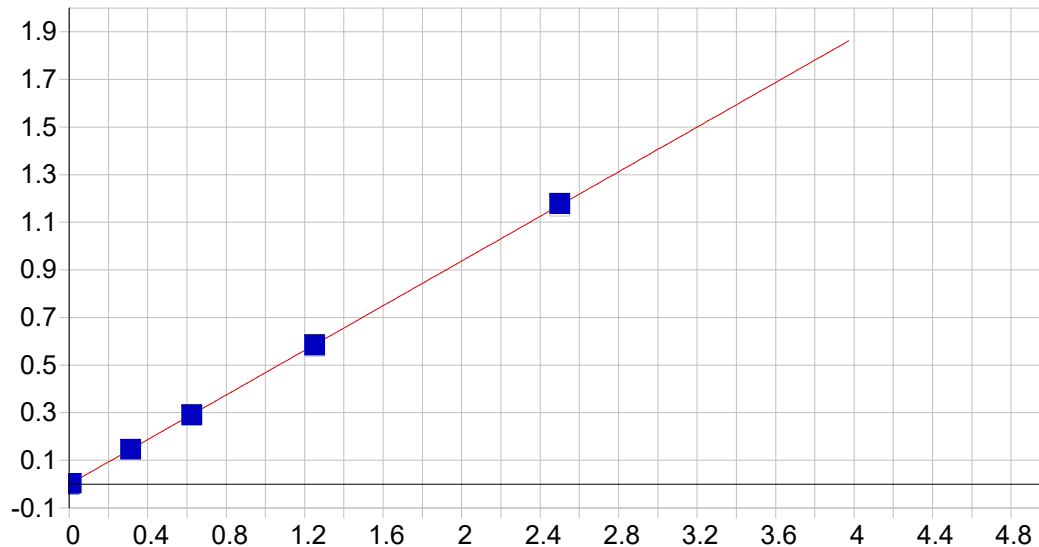


Ni 231.604 {446}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001670	Re-Slope:	1.000000
A1 (Gain):	0.597257	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000151		
Predicted MDL:	0.000474		
Predicted MQL:	0.001580		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00167	.000	1
S1	.04000	.04045	.000	1.12	.02249	.000	1
S2	.62500	.63527	.010	1.64	.37775	.000	1
S3	1.2500	1.2649	.015	1.19	.75378	.001	1
S4	2.5000	2.5240	.024	.958	1.5058	.002	1
S5	5.0000	4.9505	-.050	-.991	2.9550	.007	1

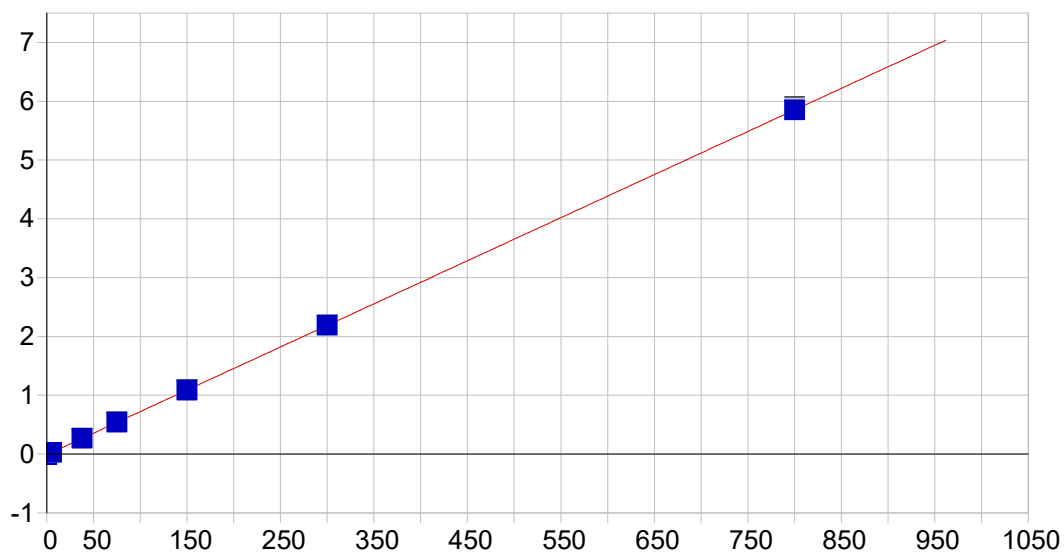


Ag 328.068 {103}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000800 Re-Slope: 1.000000
 A1 (Gain): 0.468938 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.000433
 Predicted MQL: 0.001444

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00080	.000	1
S1	.01000	.01017	.000	1.65	.00393	.000	1
S2	.31250	.31226	-.000	-.078	.14437	.001	1
S3	.62500	.61924	-.006	-.921	.28708	.001	1
S4	1.2500	1.2448	-.005	-.417	.57791	.003	1
S5	2.5000	2.5111	.011	.442	1.1667	.003	1

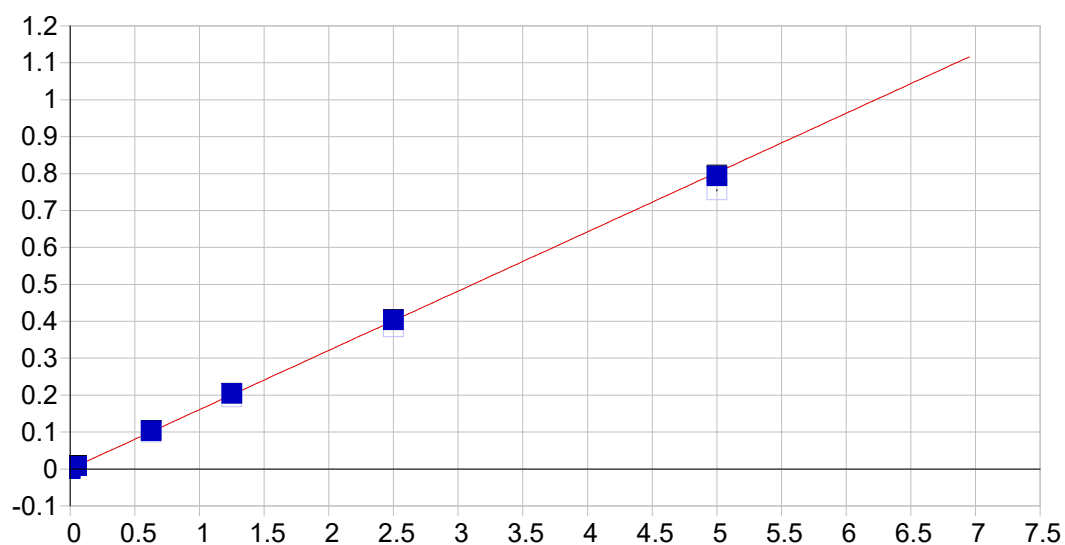


Na 818.326 { 41}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010548 Re-Slope: 1.000000
A1 (Gain): 0.007330 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999999 Status: OK.
Std Error of Est: 0.000036
Predicted MDL: 0.275230
Predicted MQL: 0.917434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.01055	.001	1
S1	5.0000	4.9964	-.004	-.071	.02608	.001	1
S2	37.500	37.677	.177	.471	.26683	.001	1
S3	75.000	75.377	.377	.503	.54438	.001	1
S4	150.00	149.70	-.300	-.200	1.0916	.008	1
S5	300.00	299.87	-.125	-.042	2.1972	.005	1
S6	800.00	799.87	-.125	-.016	5.8782	.029	1

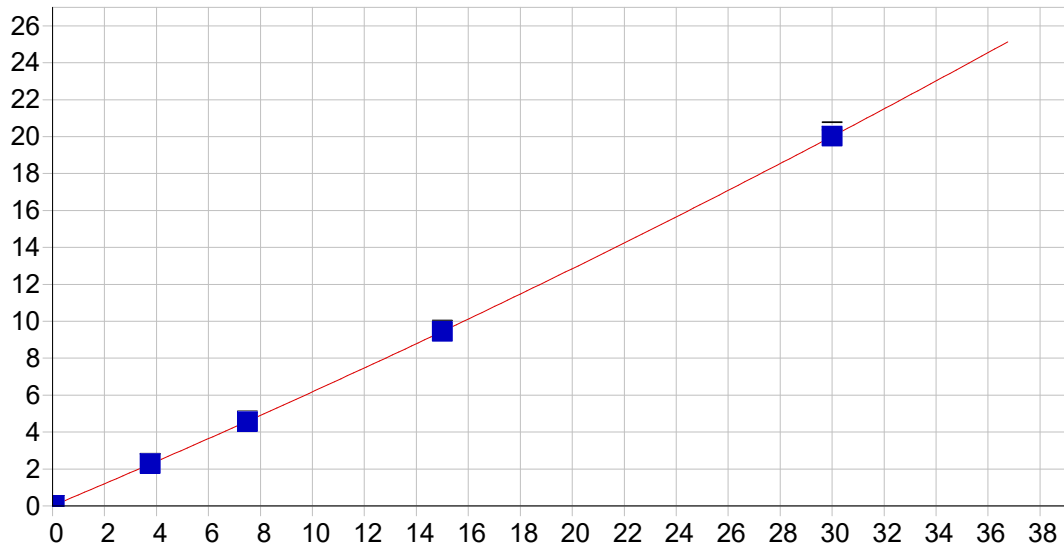


V 292.402 {115}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000259 Re-Slope: 1.000000
 A1 (Gain): 0.160509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002675
 Predicted MQL: 0.008916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.05000	.05239	.002	4.77	.00865	.000	1
S2	.62500	.64467	.020	3.15	.09892	.000	1
S3	1.2500	1.2717	.022	1.74	.19476	.001	1
S4	2.5000	2.5140	.014	.559	.38454	.001	1
S5	5.0000	4.9422	-.058	-1.16	.75505	.002	1

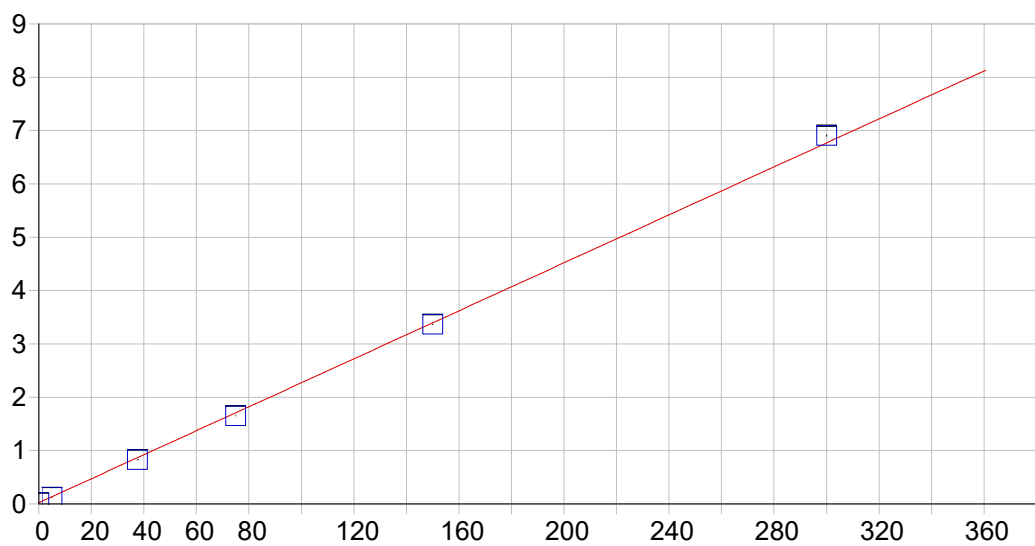


Zn 213.856 {158}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.003022 Re-Slope: 1.000000
 A1 (Gain): 0.592564 Y-int: 0.000000
 A2 (Curvature): 0.002477
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: Warning Positive Curvature
 Std Error of Est: 0.000173
 Predicted MDL: 0.001305
 Predicted MQL: 0.004350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00302	.000	1
S1	.06000	.05933	-.001	-1.11	.03829	.001	1
S2	3.7500	3.7915	.042	1.11	2.2890	.019	1
S3	7.5000	7.4643	-.036	-.476	4.5714	.023	1
S4	15.000	14.985	-.015	-.099	9.4535	.069	1
S5	30.000	30.010	.010	.033	20.046	.211	1

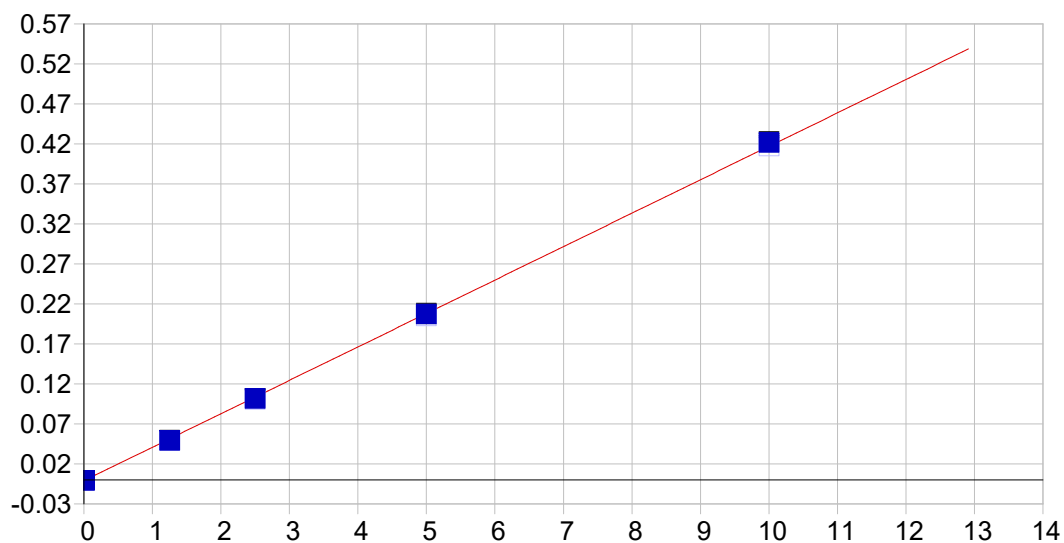


K 769.896 { 44}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.022483	Re-Slope:	1.000000
A1 (Gain):	0.022488	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999688	Status:	OK.
Std Error of Est:	0.001158		
Predicted MDL:	0.074405		
Predicted MQL:	0.248015		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00087	.001	.000	.02250	.002	1
S1	5.0000	4.4760	-.524	-10.5	.12314	.001	1
S2	37.500	35.763	-1.74	-4.63	.82673	.002	1
S3	75.000	72.470	-2.53	-3.37	1.6522	.004	1
S4	150.00	148.73	-1.27	-.844	3.3673	.007	1
S5	300.00	306.06	6.06	2.02	6.9052	.012	1

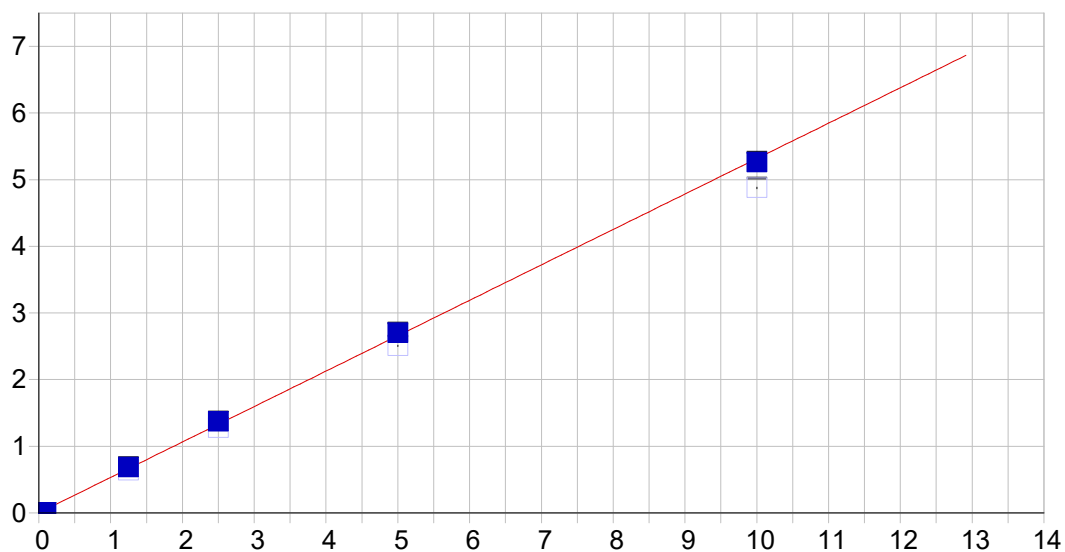


P 177.495 {490}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000960 Re-Slope: 1.000000
 A1 (Gain): 0.041793 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002774
 Predicted MQL: 0.009246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.01000	.00835	-.002	-16.5	-.00061	.000	1
S2	1.2500	1.2042	-.046	-3.66	.04878	.000	1
S3	2.5000	2.4510	-.049	-1.96	.10030	.000	1
S4	5.0000	4.9834	-.017	-.331	.20497	.001	1
S5	10.000	10.113	.113	1.13	.41701	.001	1

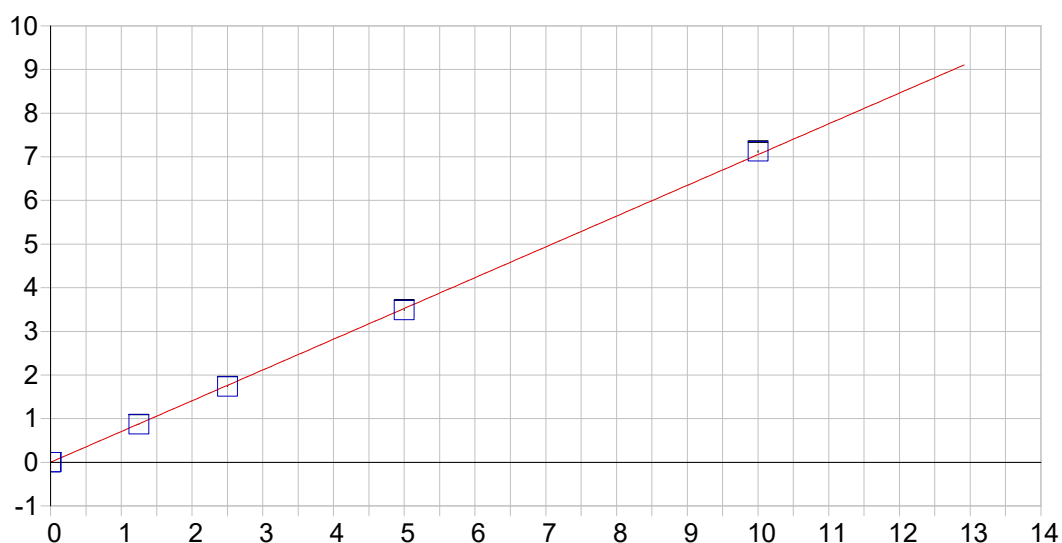


B 249.678 {135}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001244 Re-Slope: 1.000000
 A1 (Gain): 0.531525 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997298 Status: OK.
 Std Error of Est: 0.001930
 Predicted MDL: 0.000920
 Predicted MQL: 0.003067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00129	.000	1
S1	.10000	.00952	-.090	-90.5	.00619	.000	1
S2	1.2500	1.2892	.039	3.14	.63826	.005	1
S3	2.5000	2.5802	.080	3.21	1.2763	.005	1
S4	5.0000	5.0794	.079	1.59	2.5082	.010	1
S5	10.000	9.8986	-.101	-1.01	4.8768	.013	1

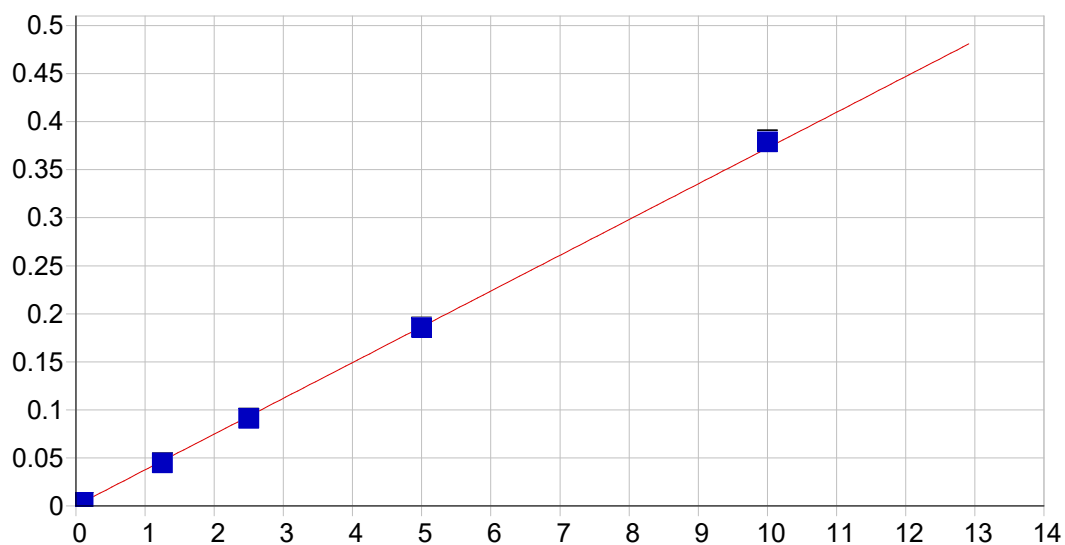


Mo 202.030 {467}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000104 Re-Slope: 1.000000
 A1 (Gain): 0.705113 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000314
 Predicted MQL: 0.001046

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.01000	.00982	-.000	-1.78	.00682	.000	1
S2	1.2500	1.2309	-.019	-1.53	.86783	.002	1
S3	2.5000	2.4657	-.034	-1.37	1.7385	.002	1
S4	5.0000	4.9515	-.049	-.971	3.4912	.009	1
S5	10.000	10.102	.102	1.02	7.1230	.019	1

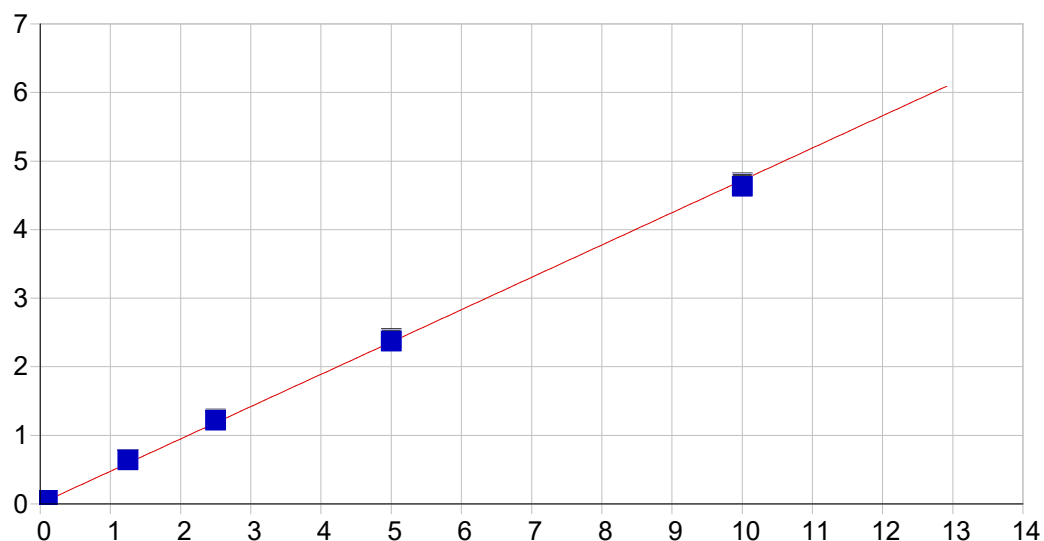


S 182.034 {485}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000339 Re-Slope: 1.000000
 A1 (Gain): 0.037217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.003897
 Predicted MQL: 0.012990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00034	.000	1
S1	.10000	.08723	-.013	-12.8	.00359	.000	1
S2	1.2500	1.1862	-.064	-5.11	.04458	.000	1
S3	2.5000	2.4362	-.064	-2.55	.09120	.000	1
S4	5.0000	4.9747	-.025	-.507	.18588	.000	1
S5	10.000	10.166	.166	1.66	.37947	.002	1

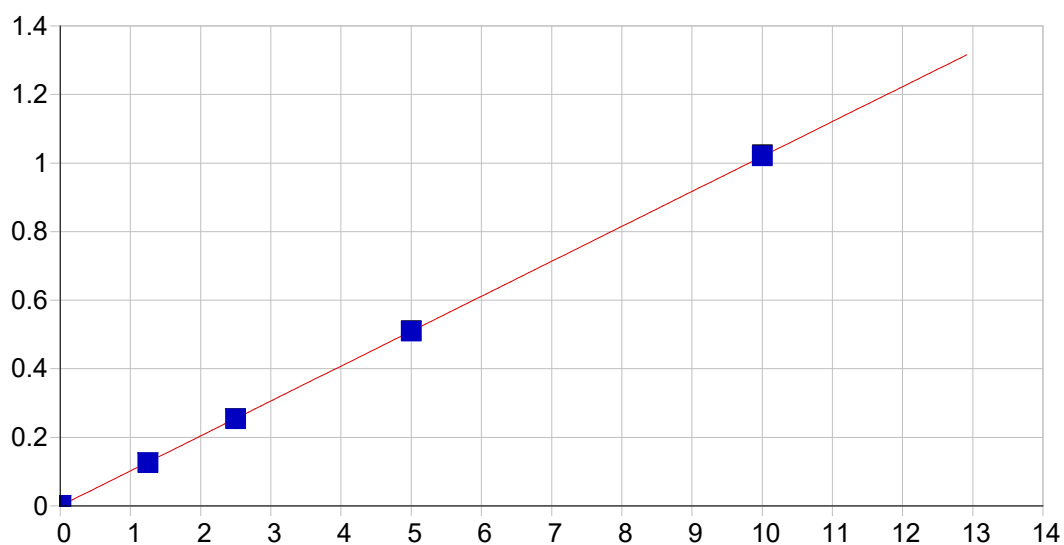


Si 251.611 {134}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004596 Re-Slope: 1.000000
 A1 (Gain): 0.471362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999633 Status: OK.
 Std Error of Est: 0.000684
 Predicted MDL: 0.001060
 Predicted MQL: 0.003534

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00459	.000	1
S1	.10000	.09654	-.003	-3.46	.05027	.001	1
S2	1.2500	1.3503	.100	8.02	.64629	.004	1
S3	2.5000	2.5720	.072	2.88	1.2274	.008	1
S4	5.0000	5.0238	.024	.476	2.3935	.012	1
S5	10.000	9.8073	-.193	-1.93	4.6691	.012	1

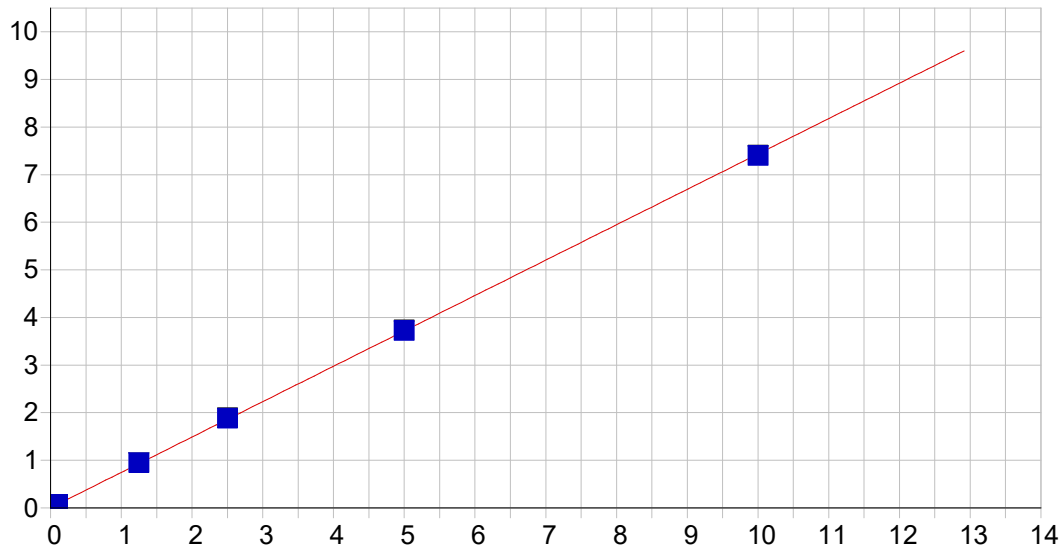


Sn 189.989 {478}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.101888 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.001241
 Predicted MQL: 0.004137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00700	.00687	-.000	-1.86	.00083	.000	1
S2	1.2500	1.2357	-.014	-1.14	.12579	.000	1
S3	2.5000	2.4890	-.011	-.440	.25322	.001	1
S4	5.0000	5.0025	.003	.051	.50879	.001	1
S5	10.000	10.023	.023	.228	1.0192	.003	1

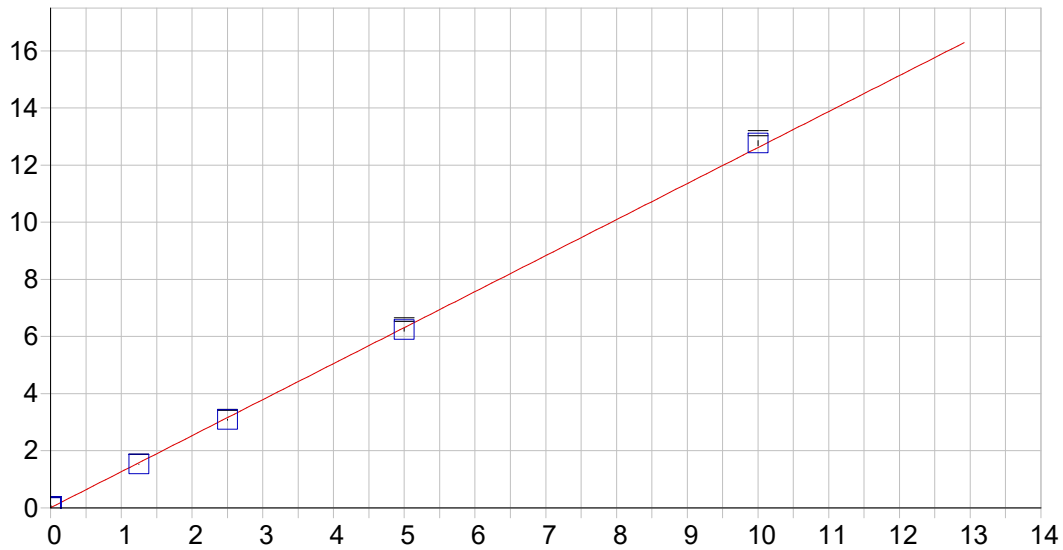


Ti 336.121 {100}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002541 Re-Slope: 1.000000
 A1 (Gain): 0.743250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000293
 Predicted MDL: 0.000962
 Predicted MQL: 0.003206

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00254	.001	1
S1	.10000	.09557	-.004	-4.43	.07355	.001	1
S2	1.2500	1.2693	.019	1.54	.94563	.001	1
S3	2.5000	2.5280	.028	1.12	1.8809	.008	1
S4	5.0000	5.0046	.005	.093	3.7210	.013	1
S5	10.000	9.9524	-.048	-4.76	7.3971	.011	1

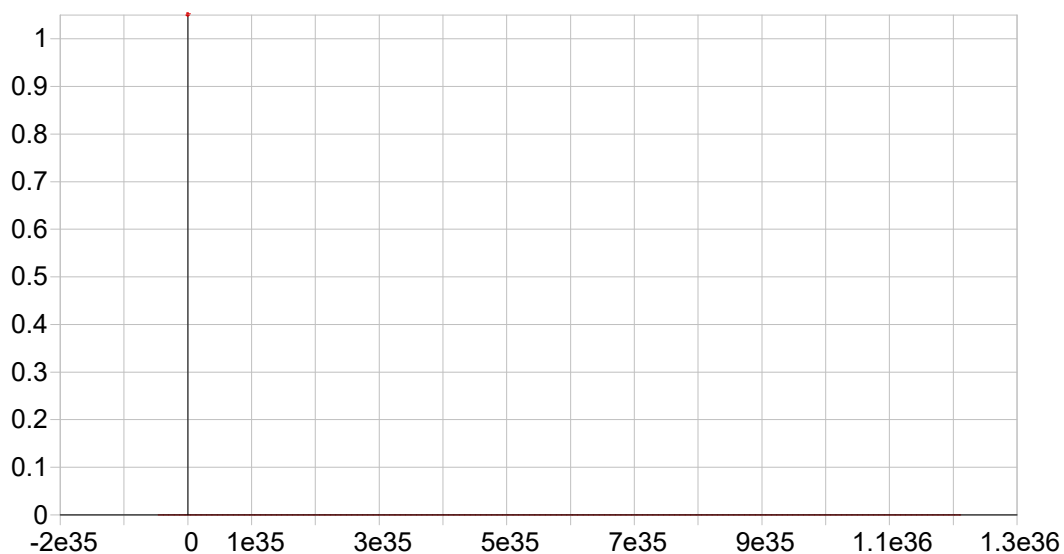


Li 670.784 { 50}

Date of Fit: 09/17/2019 3:15:42 Type of Fit: Linear Weighting: 1/Conc

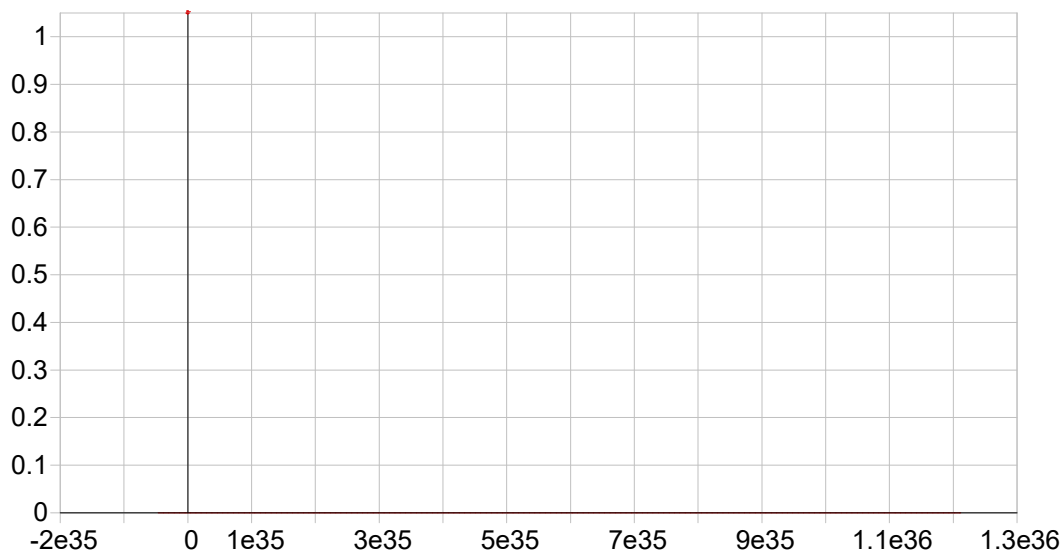
A0 (Offset): 0.007533 Re-Slope: 1.000000
 A1 (Gain): 1.260824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998591 Status: OK.
 Std Error of Est: 0.001376
 Predicted MDL: 0.001666
 Predicted MQL: 0.005555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00750	.001	1
S5	10.000	10.124	.124	1.24	12.772	.090	1
S4	5.0000	4.9476	-.052	-1.05	6.2455	.064	1
S3	2.5000	2.4447	-.055	-2.21	3.0898	.016	1
S2	1.2500	1.2073	-.043	-3.41	1.5298	.007	1
S1	.01500	.04189	.027	179.	.06034	.002	1



Y 224.306 {150}*

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				



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}*

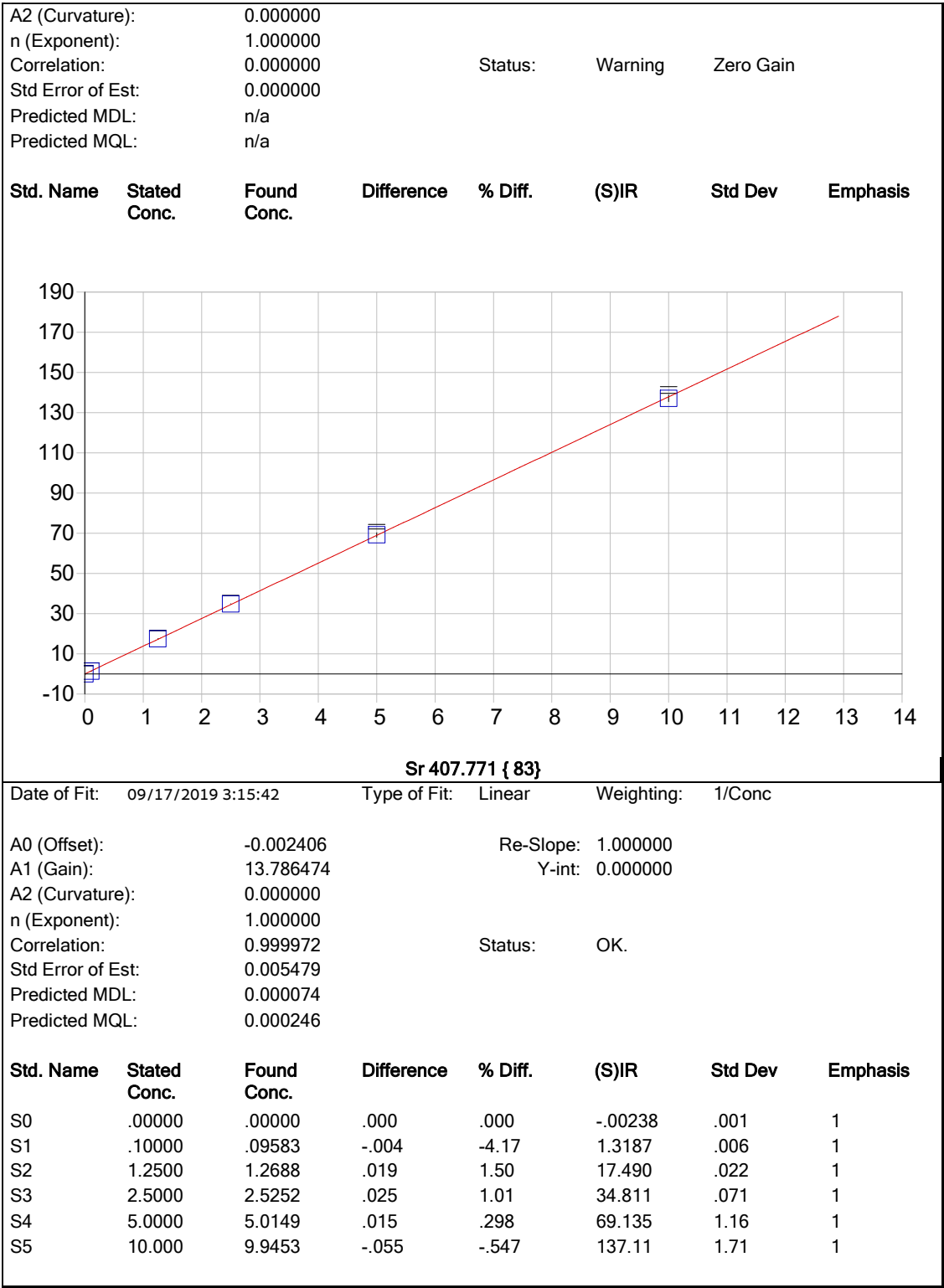
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

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



Sample Name: S0 Acquired: 09/17/2019 14:48:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00007	-.00027	.00061	.00051	.00031	.00706	.00098	-.00122
Stddev	.00003	.00007	.00028	.00015	.00022	.00065	.00118	.00023
%RSD	42.726	25.905	45.714	28.355	69.750	9.1642	120.88	18.708
#1	-.00008	-.00023	.00092	.00068	.00019	.00780	.00129	-.00135
#2	-.00010	-.00023	.00041	.00044	.00057	.00667	.00197	-.00096
#3	-.00004	-.00036	.00049	.00041	.00018	.00669	-.00033	-.00135
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	.00002	.00067	.00003	.00050	.00383	.00014	.00077	-.00015
Stddev	.00011	.00060	.00013	.00026	.00034	.00005	.00014	.00052
%RSD	583.27	88.959	456.69	52.218	8.7854	34.906	18.027	349.96
#1	-.00009	.00095	-.00005	.00054	.00421	.00009	.00072	-.00068
#2	.00014	-.00001	.00018	.00075	.00364	.00016	.00093	.00037
#3	.00000	.00107	-.00004	.00023	.00362	.00018	.00066	-.00015
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	-.00167	-.00080	-.01055	.00026	.00302	.02250	-.00096	.00129
Stddev	.00029	.00007	.00088	.00030	.00025	.00216	.00010	.00047
%RSD	17.251	8.3723	8.3882	115.72	8.2380	9.5815	10.779	36.288
#1	-.00135	-.00088	-.00958	.00029	.00331	.02498	-.00107	.00075
#2	-.00174	-.00076	-.01075	-.00006	.00285	.02149	-.00095	.00149
#3	-.00192	-.00076	-.01131	.00054	.00291	.02104	-.00086	.00162
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	-.00010	.00034	.00459	.00015	.00254	.00750	-.00238	
Stddev	.00008	.00006	.00028	.00008	.00053	.00070	.00099	
%RSD	77.882	18.177	5.9993	52.796	20.651	9.3333	41.610	
#1	-.00002	.00028	.00435	.00015	.00229	.00823	-.00196	
#2	-.00018	.00041	.00454	.00007	.00219	.00744	-.00351	
#3	-.00010	.00033	.00489	.00022	.00315	.00683	-.00167	

Sample Name: S0 Acquired: 09/17/2019 14:48:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.7	2907.3	34957.	6723.4	3046.6
Stddev	13.1	7.1	220.	21.6	9.3
%RSD	.83493	.24592	.62812	.32143	.30574
#1	1578.0	2915.4	35068.	6709.7	3055.5
#2	1556.6	2901.8	34704.	6712.1	3036.9
#3	1580.5	2904.7	35099.	6748.3	3047.3

Sample Name: S1 Acquired: 09/17/2019 14:53:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.00019	.00113	.00323	.00264	.00703	.02688	.72555	.02422
Stddev	.00005	.00006	.00011	.00011	.00011	.00042	.01044	.00036
%RSD	28.013	4.9438	3.3674	4.2788	1.6342	1.5577	1.4384	1.4684
#1	.00014	.00117	.00313	.00269	.00691	.02721	.71639	.02381
#2	.00017	.00115	.00321	.00272	.00714	.02701	.72335	.02448
#3	.00024	.00106	.00335	.00251	.00704	.02641	.73691	.02435
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	.01954	.46379	.00195	.05123	.01111	.00655	.01747	.07731
Stddev	.00024	.00556	.00006	.00032	.00030	.00018	.00023	.00059
%RSD	1.2369	1.1991	3.2642	.63373	2.7187	2.8112	1.3441	.76260
#1	.01980	.45825	.00192	.05131	.01120	.00674	.01726	.07664
#2	.01933	.46376	.00191	.05087	.01077	.00637	.01744	.07754
#3	.01949	.46937	.00202	.05150	.01135	.00656	.01772	.07775
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	.02249	.00393	.02608	.00865	.03829	.12314	-.00061	.00619
Stddev	.00003	.00021	.00067	.00034	.00065	.00092	.00005	.00031
%RSD	.15378	5.3354	2.5861	3.9169	1.6889	.74502	7.8423	4.9712
#1	.02249	.00412	.02641	.00834	.03805	.12240	-.00057	.00635
#2	.02252	.00397	.02530	.00861	.03902	.12417	-.00066	.00584
#3	.02245	.00370	.02652	.00901	.03780	.12285	-.00061	.00639
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	.00682	.00359	.05027	.00083	.07355	.06034	1.3187	
Stddev	.00023	.00006	.00055	.00007	.00077	.00192	.0056	
%RSD	3.3699	1.6659	1.0995	8.6868	1.0520	3.1748	.42295	
#1	.00677	.00357	.04965	.00091	.07367	.06075	1.3183	
#2	.00662	.00354	.05046	.00079	.07273	.05826	1.3134	
#3	.00707	.00365	.05070	.00078	.07426	.06202	1.3245	

Sample Name: S1 Acquired: 09/17/2019 14:53:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	1563.0	2900.1	34805.	6837.1	3056.3
Stddev	12.9	7.1	62.	51.6	9.3
%RSD	.82310	.24349	.17882	.75423	.30460
#1	1550.7	2907.7	34737.	6893.2	3066.2
#2	1561.8	2898.7	34860.	6826.6	3054.8
#3	1576.3	2893.8	34818.	6791.7	3047.8

Sample Name: S2 Acquired: 09/17/2019 14:57:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04923	.07291	1.5862	.07614	.14569	4.0210	9.3529	.65504
Stddev	.00013	.00026	.0020	.00018	.00032	.0018	.0280	.00338
%RSD	.26634	.35751	.12335	.23821	.21819	.04434	.29965	.51544

#1	.04936	.07278	1.5852	.07628	.14568	4.0211	9.3647	.65386
#2	.04910	.07321	1.5850	.07622	.14538	4.0227	9.3731	.65885
#3	.04922	.07274	1.5885	.07594	.14602	4.0192	9.3209	.65242

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	2.5271	5.8424	.74205	.66457	1.0361	2.3250	4.1541	.97810
Stddev	.0017	.0132	.00110	.00146	.0018	.0070	.0084	.00107
%RSD	.06649	.22561	.14779	.21899	.17414	.30246	.20171	.10987

#1	2.5253	5.8521	.74241	.66301	1.0349	2.3329	4.1634	.97700
#2	2.5274	5.8477	.74082	.66482	1.0382	2.3193	4.1517	.97915
#3	2.5287	5.8274	.74292	.66589	1.0353	2.3227	4.1472	.97813

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	.37775	.14437	.26683	.09892	2.2890	.82673	.04878	.63826
Stddev	.00042	.00056	.00124	.00007	.0191	.00167	.00032	.00472
%RSD	.11230	.39008	.46591	.07108	.83433	.20232	.65583	.73965

#1	.37761	.14397	.26753	.09891	2.2947	.82638	.04841	.63903
#2	.37742	.14414	.26539	.09886	2.2677	.82855	.04896	.64256
#3	.37823	.14502	.26756	.09900	2.3045	.82525	.04898	.63321

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	.86783	.04458	.64629	.12579	.94563	1.5298	17.490
Stddev	.00245	.00042	.00374	.00041	.00073	.0071	.022
%RSD	.28236	.94460	.57905	.32705	.07720	.46606	.12400

#1	.87063	.04418	.64628	.12565	.94624	1.5268	17.472
#2	.86610	.04502	.65004	.12547	.94482	1.5379	17.483
#3	.86676	.04455	.64255	.12625	.94582	1.5246	17.514

Sample Name: S2 Acquired: 09/17/2019 14:57:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.1	2787.5	34003.	6792.6	2819.2
Stddev	9.2	6.4	164.	28.3	3.8
%RSD	.62221	.23061	.48197	.41592	.13419
#1	1478.1	2780.1	34022.	6769.4	2816.9
#2	1495.6	2790.8	34157.	6784.3	2823.6
#3	1481.5	2791.6	33831.	6824.1	2817.2

Sample Name: S3 Acquired: 09/17/2019 15:00:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.09892	.14458	3.1708	.14898	.28996	8.0448	18.659	1.2938
Stddev	.00040	.00022	.0082	.00033	.00025	.0248	.062	.0082
%RSD	.40383	.15017	.25842	.22188	.08533	.30842	.32968	.63350

#1	.09918	.14454	3.1614	.14863	.29001	8.0164	18.596	1.2861
#2	.09846	.14438	3.1742	.14929	.28970	8.0552	18.718	1.3024
#3	.09913	.14481	3.1767	.14903	.29018	8.0626	18.663	1.2930

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	5.0220	11.626	1.4513	1.3286	2.0412	4.5728	8.1647	1.9447
Stddev	.0106	.025	.0036	.0024	.0055	.0229	.0204	.0046
%RSD	.21056	.21762	.24652	.18022	.26866	.50169	.24994	.23512

#1	5.0101	11.600	1.4472	1.3259	2.0362	4.5466	8.1413	1.9395
#2	5.0302	11.651	1.4531	1.3297	2.0403	4.5894	8.1740	1.9469
#3	5.0257	11.626	1.4536	1.3303	2.0471	4.5823	8.1788	1.9478

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	.75378	.28708	.54438	.19476	4.5714	1.6522	.10030	1.2763
Stddev	.00104	.00109	.00141	.00062	.0231	.0038	.00017	.0050
%RSD	.13833	.38082	.25904	.31822	.50615	.22984	.17139	.39588

#1	.75279	.28662	.54275	.19423	4.5920	1.6485	.10045	1.2704
#2	.75367	.28628	.54508	.19460	4.5464	1.6561	.10034	1.2787
#3	.75487	.28832	.54530	.19544	4.5759	1.6520	.10011	1.2796

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	1.7385	.09120	1.2274	.25322	1.8809	3.0898	34.811
Stddev	.0020	.00018	.0075	.00052	.0076	.0161	.071
%RSD	.11711	.19424	.61173	.20544	.40321	.51984	.20263

#1	1.7362	.09138	1.2196	.25281	1.8722	3.0784	34.730
#2	1.7395	.09120	1.2345	.25305	1.8843	3.1082	34.856
#3	1.7399	.09103	1.2281	.25380	1.8861	3.0829	34.847

Sample Name: S3 Acquired: 09/17/2019 15:00:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	1439.4	2695.2	33439.	6693.0	2693.0
Stddev	8.6	3.6	113.	16.3	.5
%RSD	.59722	.13327	.33934	.24400	.01831
#1	1429.6	2691.0	33381.	6694.6	2693.2
#2	1443.3	2697.2	33569.	6675.9	2692.4
#3	1445.3	2697.3	33365.	6708.4	2693.3

Sample Name: S5 Acquired: 09/17/2019 15:08:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.41887	.54253	12.689	.57867	1.2173	32.849	72.872	5.0158
Stddev	.00128	.00316	.035	.00197	.0025	.032	1.201	.0100
%RSD	.30499	.58302	.27916	.33999	.20290	.09757	1.6485	.20020

#1	.42033	.54342	12.695	.58018	1.2199	32.818	71.656	5.0071
#2	.41835	.53901	12.651	.57645	1.2149	32.882	72.901	5.0135
#3	.41794	.54514	12.721	.57940	1.2170	32.847	74.058	5.0268

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	19.388	45.045	5.5790	5.2729	8.1740	17.308	31.421	7.7963
Stddev	.055	.190	.0063	.0143	.0176	.037	.046	.0060
%RSD	.28389	.42212	.11309	.27102	.21492	.21610	.14739	.07652

#1	19.408	44.859	5.5849	5.2706	8.1904	17.295	31.399	7.7905
#2	19.326	45.239	5.5798	5.2599	8.1761	17.350	31.474	7.8024
#3	19.431	45.037	5.5724	5.2882	8.1554	17.279	31.390	7.7961

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9550	1.1667	2.1972	.75505	20.046	6.9052	.41701	4.8768
Stddev	.0070	.0028	.0048	.00219	.211	.0124	.00097	.0125
%RSD	.23627	.23858	.21960	.28943	1.0533	.18022	.23193	.25652

#1	2.9553	1.1693	2.1921	.75268	20.281	6.8963	.41688	4.8688
#2	2.9479	1.1670	2.2017	.75698	19.986	6.9194	.41612	4.8705
#3	2.9619	1.1638	2.1978	.75548	19.871	6.8998	.41804	4.8912

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	7.1230	.37947	4.6691	1.0192	7.3971	12.772	137.11
Stddev	.0190	.00164	.0123	.0027	.0107	.090	1.71
%RSD	.26645	.43272	.26375	.26239	.14473	.70833	1.2450

#1	7.1397	.38035	4.6606	1.0199	7.4028	12.674	135.68
#2	7.1024	.37757	4.6635	1.0163	7.4038	12.852	139.00
#3	7.1269	.38048	4.6832	1.0215	7.3848	12.788	136.64

Sample Name: S5 Acquired: 09/17/2019 15:08:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	1205.7	2312.8	31277.	6437.8	2341.0
Stddev	6.2	2.4	121.	19.2	2.9
%RSD	.51556	.10236	.38733	.29815	.12574
#1	1199.2	2311.6	31267.	6459.2	2343.8
#2	1206.1	2311.4	31161.	6422.0	2341.2
#3	1211.6	2315.6	31403.	6432.3	2338.0

Sample Name: S4 Acquired: 09/17/2019 15:04:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.20171	.28265	6.3983	.29263	.58817	16.237	36.420	2.5318
Stddev	.00097	.00010	.0107	.00073	.00171	.063	.655	.0148
%RSD	.47914	.03487	.16807	.25051	.29132	.38867	1.7974	.58578

#1	.20256	.28268	6.3961	.29309	.58859	16.309	37.112	2.5481
#2	.20065	.28255	6.3888	.29179	.58629	16.207	36.335	2.5191
#3	.20191	.28274	6.4099	.29302	.58964	16.193	35.811	2.5283

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	9.9720	22.938	2.8630	2.6679	4.0672	8.9157	16.043	3.8830
Stddev	.0113	.161	.0024	.0014	.0067	.0608	.108	.0213
%RSD	.11327	.70377	.08388	.05235	.16500	.68237	.67461	.54949

#1	9.9613	23.123	2.8641	2.6664	4.0696	8.9859	16.167	3.9076
#2	9.9709	22.868	2.8646	2.6680	4.0724	8.8837	15.994	3.8695
#3	9.9838	22.824	2.8602	2.6692	4.0597	8.8775	15.967	3.8718

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	1.5058	.57791	1.0916	.38454	9.4535	3.3673	.20497	2.5082
Stddev	.0020	.00274	.0077	.00055	.0690	.0072	.00103	.0098
%RSD	.13554	.47331	.70564	.14389	.73033	.21226	.50183	.39238

#1	1.5041	.58000	1.1003	.38512	9.5186	3.3753	.20395	2.5195
#2	1.5052	.57891	1.0886	.38447	9.4608	3.3617	.20497	2.5036
#3	1.5081	.57481	1.0858	.38402	9.3811	3.3648	.20600	2.5014

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	3.4912	.18588	2.3935	.50879	3.7210	6.2455	69.135
Stddev	.0087	.00031	.0123	.00074	.0126	.0641	1.164
%RSD	.25003	.16863	.51430	.14579	.33717	1.0271	1.6841

#1	3.4956	.18622	2.4054	.50831	3.7352	6.3178	70.477
#2	3.4812	.18562	2.3808	.50842	3.7159	6.2234	68.538
#3	3.4969	.18578	2.3943	.50965	3.7117	6.1954	68.390

Sample Name: S4 Acquired: 09/17/2019 15:04:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	1348.1	2538.9	32490.	6620.4	2523.7
Stddev	9.6	6.0	186.	52.3	4.0
%RSD	.71110	.23768	.57256	.78956	.16004
#1	1338.3	2536.3	32323.	6560.1	2526.8
#2	1348.6	2545.8	32456.	6649.1	2525.1
#3	1357.4	2534.6	32690.	6652.1	2519.1

Sample Name: S6 Acquired: 09/17/2019 15:12:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	83.676	69.318	44.276	12.516	5.8782
Stddev	.672	.653	.136	.033	.0291
%RSD	.80336	.94163	.30770	.26717	.49461

#1	82.971	69.950	44.421	12.554	5.9115
#2	84.310	68.646	44.256	12.493	5.8656
#3	83.747	69.358	44.151	12.500	5.8576

Int. Std.	Y_3710
Units	Cts/S
Avg	6388.0
Stddev	36.0
%RSD	.56288

#1	6364.9
#2	6369.8
#3	6429.5

Sample Name: ICV Acquired: 09/17/2019 15:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.9953277	1.039891	.9636792	1.010840	.9654815	2.365651
Stddev	.0034531	.006466	.0028003	.003769	.0019631	.020105
%RSD	.3469293	.6218335	.2905842	.3728828	.2033280	.8498630

#1	.9956608	1.046394	.9605256	1.014948	.9644976	2.384921
#2	.9917202	1.039816	.9658747	1.010030	.9642049	2.367226
#3	.9986022	1.033462	.9646372	1.007541	.9677420	2.344805

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5064570	.4914696	.4938794	10.56572	.5219778	.4880269
Stddev	.0040737	.0048032	.0008069	.08452	.0013093	.0002387
%RSD	.8043575	.9773190	.1633700	.7999252	.2508306	.0489179

#1	.5093729	.4935826	.4933680	10.62451	.5231946	.4878625
#2	.5081956	.4948541	.4948095	10.60380	.5221465	.4879175
#3	.5018024	.4859721	.4934607	10.46887	.5205924	.4883008

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4685800	5.461411	.5050906	6.022178	.5026283	.4841233
Stddev	.0030453	.028388	.0010769	.043397	.0008088	.0019503
%RSD	.6498987	.5197999	.2132082	.7206220	.1609088	.4028477

#1	.4703859	5.488654	.5046529	6.071601	.5018152	.4825327
#2	.4702900	5.463577	.5063175	6.004635	.5026370	.4862992
#3	.4650640	5.432001	.5043016	5.990299	.5034327	.4835380

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.938121	.5129763	.9775788	9.258156	F .0024294	F 1.286765
Stddev	.287823	.0039860	.0154782	.007498	.0016368	.014180
%RSD	2.896148	.7770256	1.583321	.0809832	67.37437	1.102000

#1	10.27001	.5173755	.9693134	9.257652	.0022462	1.295220
#2	9.78730	.5119488	.9679878	9.265893	.0008919	1.294682
#3	9.75706	.5096048	.9954350	9.250923	.0041501	1.270394

Sample Name: ICV Acquired: 09/17/2019 15:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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 1.207238	F .0338368	F 1.252141	F 1.176494	F 1.246466	F .0076831
Stddev	.002377	.0022251	.012903	.003807	.006145	.0006022
%RSD	.1968625	6.576097	1.030484	.3235864	.4930022	7.838304

#1	1.204702	.0363067	1.257212	1.173986	1.250033	.0083763
#2	1.207599	.0332152	1.261739	1.174622	1.249994	.0073836
#3	1.209414	.0319886	1.237473	1.180875	1.239370	.0072893

Elem	Sr4077
Units	ppm
Avg	F .0113270
Stddev	.0000796
%RSD	.7031987

#1	.0112476
#2	.0113266
#3	.0114069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.857	2880.795	34895.35	6763.104	3005.952
Stddev	9.468	5.411	59.07	57.703	4.862
%RSD	.6069801	.1878275	.1692913	.8532019	.1617529

#1	1560.571	2874.790	34960.36	6734.650	3002.209
#2	1568.948	2885.291	34844.95	6725.155	3004.201
#3	1550.052	2882.304	34880.73	6829.508	3011.448

Sample Name: ICB Acquired: 09/17/2019 15:21:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.0013957	-.001417	-.002587	-.001688	.0005835	.0000331	-.000162
Stddev	.0058871	.002010	.000199	.001168	.0012971	.0067171	.000145
%RSD	421.8110	141.8659	7.697063	69.22520	222.2788	20306.85	89.05196

#1	-.000050	-.001629	-.002529	-.000339	.0001587	-.002853	-.000326
#2	-.003634	.000691	-.002808	-.002329	-.000448	.007711	-.000050
#3	.007871	-.003312	-.002423	-.002396	.002040	-.004758	-.000111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000619	.0000102	.0070278	-.000293	.0000603	-.000818	.0052237
Stddev	.0000531	.0001194	.0033791	.000015	.0001339	.001222	.0073326
%RSD	85.80179	1167.106	48.08123	5.262266	222.2837	149.3047	140.3711

#1	.0001067	-.000079	.0105803	-.000310	-.000064	-.002229	.0111086
#2	.0000760	.000146	.0066490	-.000291	.000042	-.000112	.0075530
#3	.0000032	-.000036	.0038541	-.000279	.000202	-.000114	-.002991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001771	-.006332	-.000413	-.000049	.0344874	.0009205	-.004265
Stddev	.0002107	.006844	.000200	.000311	.2813845	.0015456	.000334
%RSD	118.9567	108.0837	48.51819	640.6682	815.9046	167.9116	7.827635

#1	.0000500	.001274	-.000508	-.000377	.1011235	.0024314	-.004510
#2	.0000610	-.011992	-.000183	.000241	.2765726	.0009875	-.004399
#3	.0004204	-.008278	-.000548	-.000009	-.274234	-.000658	-.003885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711280	-.001876	.0107363	.0003840	-.004742	.0009329	.0024293
Stddev	.0186735	.000826	.0008109	.0001131	.001331	.0001353	.0007535
%RSD	26.25335	44.04819	7.552783	29.45627	28.07094	14.50679	31.01850

#1	.0739657	-.001020	.0107503	.0002535	-.005901	.0010405	.0029810
#2	.0511981	-.001938	.0115401	.0004440	-.003288	.0009771	.0015707
#3	.0882202	-.002669	.0099185	.0004545	-.005038	.0007810	.0027361

Sample Name: ICB Acquired: 09/17/2019 15:21:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.0000912	.0034389	.0000506
Stddev	.0006636	.0008366	.0000213
%RSD	727.9945	24.32598	42.02228

#1	-.000057	.0026993	.0000370
#2	.000816	.0043469	.0000751
#3	-.000486	.0032706	.0000397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.619	2879.328	34565.47	6729.311	3010.019
Stddev	9.906	4.573	195.72	6.261	2.148
%RSD	.6367629	.1588098	.5662265	.0930360	.0713732

#1	1544.940	2883.176	34353.38	6734.397	3008.756
#2	1564.506	2880.536	34603.92	6722.319	3012.500
#3	1557.412	2874.273	34739.12	6731.218	3008.802

Sample Name: ICSA Acquired: 09/17/2019 15:25:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	-.001764	-.000194	-.006260	.0023598	.0036409	235.5040
Stddev	.007429	.002777	.002592	.0045806	.0004876	.3370
%RSD	421.0318	1428.471	41.40947	194.1094	13.39209	.1430920

#1	.005841	.000236	-.008014	.0033050	.0030839	235.2177
#2	-.002132	.002343	-.007485	.0063941	.0038486	235.4189
#3	-.009003	-.003161	-.003283	-.002620	.0039903	235.8753

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060783	.0013125	-.000893	252.3911	.0529509	.0004228
Stddev	.0004768	.0000560	.000127	.3818	.0010370	.0002098
%RSD	7.844978	4.264408	14.27266	.1512856	1.958454	49.63121

#1	.0055291	.0013768	-.000765	252.8068	.0526810	.0001811
#2	.0063190	.0012859	-.001020	252.3106	.0540962	.0005581
#3	.0063868	.0012748	-.000895	252.0560	.0520756	.0005292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004615	102.1566	.0111725	254.3991	.0038124	.0000099
Stddev	.0017718	.1333	.0004218	.4467	.0008770	.0003909
%RSD	383.9197	.1304782	3.775484	.1756038	23.00328	3938.782

#1	-.000299	102.0129	.0116349	254.2510	.0028144	-.000070
#2	.002487	102.1808	.0108087	254.0452	.0044600	.000435
#3	-.000803	102.2762	.0110740	254.9011	.0041628	-.000335

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.285067	.0029467	-.002628	-.107824	.0072044	.0110301
Stddev	.214863	.0008330	.000526	.019837	.0024901	.0020928
%RSD	75.37276	28.26909	20.01210	18.39719	34.56378	18.97387

#1	-.050876	.0033608	-.002216	-.108954	.0048685	.0104179
#2	-.331226	.0034915	-.003220	-.127072	.0069203	.0093117
#3	-.473099	.0019878	-.002447	-.087447	.0098243	.0133608

Sample Name: ICSA Acquired: 09/17/2019 15:25:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.0000943	F -.008031	F -.001266	-.001634	F -.000193	W .0029340
Stddev	.0003288	.001972	.001257	.000490	.000220	.0025332
%RSD	348.7698	24.55098	99.31924	29.96464	114.0491	86.33845

#1	.0004719	-.006510	-.000646	-.001220	-.000438	.0026432
#2	-.000128	-.010259	-.002712	-.001507	-.000127	.0056001
#3	-.000061	-.007325	-.000438	-.002174	-.000013	.0005588

Elem	Sr4077
Units	ppm
Avg	F .0962058
Stddev	.0002402
%RSD	.2496590

#1	.0960352
#2	.0961018
#3	.0964805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.358	2690.572	32442.24	6591.320	2626.097
Stddev	9.258	4.270	188.57	15.454	7.862
%RSD	.6401053	.1587119	.5812598	.2344558	.2993894

#1	1452.520	2690.864	32400.46	6589.069	2625.323
#2	1435.711	2694.689	32278.06	6577.116	2634.318
#3	1450.842	2686.163	32648.20	6607.776	2618.651

Sample Name: ICSAB Acquired: 09/17/2019 15:29:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.1047134	.1061379	.0397394	.0521086	.5806794	235.7772
Stddev	.0027673	.0032010	.0005284	.0023246	.0030766	1.5428
%RSD	2.642696	3.015904	1.329613	4.461020	.5298341	.6543638

#1	.1072582	.1024479	.0391300	.0540841	.5828906	235.2268
#2	.1017674	.1077965	.0400186	.0526945	.5771658	234.5850
#3	.1051145	.1081692	.0400696	.0495471	.5819819	237.5197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5103129	.4974807	.9875665	252.3483	.5703449	.4928205
Stddev	.0056744	.0024023	.0021731	2.7005	.0036379	.0006701
%RSD	1.111939	.4828980	.2200415	1.070141	.6378364	.1359712

#1	.5063436	.4953398	.9859128	251.0709	.5736226	.4928324
#2	.5077830	.4970234	.9867589	250.5235	.5709812	.4921445
#3	.5168122	.5000787	.9900277	255.4505	.5664309	.4934845

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4576470	101.2547	.5003581	255.0466	.9962956	.2009672
Stddev	.0020116	.9001	.0059021	2.2682	.0012552	.0005538
%RSD	.4395569	.8889040	1.179569	.8893352	.1259840	.2755747

#1	.4569932	100.9685	.4975292	253.4723	.9973635	.2014595
#2	.4560437	100.5326	.4964029	254.0210	.9949130	.2003676
#3	.4599042	102.2631	.5071421	257.6465	.9966102	.2010744

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.222733	.5014034	.9838885	-.098345	.0064639	.0044282
Stddev	.087420	.0070404	.0120939	.118909	.0018862	.0007801
%RSD	39.24869	1.404147	1.229198	120.9092	29.18134	17.61700

#1	-.307562	.4976456	.9771258	.005024	.0052886	.0049384
#2	-.227701	.4970392	.9766886	-.071766	.0086396	.0035302
#3	-.132935	.5095255	.9978511	-.228295	.0054634	.0048161

Sample Name: ICSAB Acquired: 09/17/2019 15:29:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) 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	.0001358	F .0022377	F -.000590	-.001711	F -.000319	W .0037134
Stddev	.0001938	.0052536	.000626	.000951	.001078	.0011400
%RSD	142.7470	234.7798	106.1777	55.55573	338.3053	30.70100
#1	.0000254	.0065893	-.000038	-.001773	-.001522	.0024359
#2	.0000223	.0037220	-.000461	-.000731	.000005	.0040769
#3	.0003596	-.003598	-.001270	-.002630	.000560	.0046273

Elem	Sr4077
Units	ppm
Avg	F .0957956
Stddev	.0006277
%RSD	.6552628
#1	.0962560
#2	.0950806
#3	.0960503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.266	2687.905	32611.30	6538.308	2624.304
Stddev	1.792	4.361	224.33	32.107	4.232
%RSD	.1236144	.1622481	.6879023	.4910615	.1612593
#1	1447.265	2683.219	32352.28	6554.378	2622.779
#2	1450.721	2691.845	32742.88	6559.208	2629.086
#3	1449.813	2688.651	32738.75	6501.339	2621.045

Sample Name: CCV067 Acquired: 09/17/2019 15:33:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.916121	4.871149	24.66490	4.750496	4.846158	398.1044	10.01477
Stddev	.024435	.039147	.13060	.032036	.031557	7.0383	.10901
%RSD	.4970382	.8036603	.5295046	.6743707	.6511692	1.767946	1.088489

#1	4.925462	4.838570	24.53604	4.733765	4.840332	390.4384	10.09156
#2	4.888394	4.860301	24.66148	4.730290	4.817920	399.6002	9.89000
#3	4.934508	4.914577	24.79718	4.787433	4.880222	404.2745	10.06276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5087157	2.463291	407.7525	15.34617	2.500318	15.02965	410.6601
Stddev	.0032965	.015958	2.4316	.02193	.011556	.08764	2.1099
%RSD	.6480104	.6478482	.5963433	.1429060	.4621706	.5831422	.5137732

#1	.5076983	2.448584	405.1238	15.32621	2.490926	14.93583	408.7587
#2	.5124009	2.461028	408.2122	15.36964	2.496805	15.04372	410.2917
#3	.5060477	2.480260	409.9214	15.34265	2.513223	15.10941	412.9299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99692	402.7877	2.498658	1.277079	403.5160	2.498397	14.85816
Stddev	.10876	2.4005	.013212	.002860	2.2024	.013175	.21944
%RSD	.7252068	.5959625	.5287751	.2239724	.5458014	.5273430	1.476922

#1	14.87833	400.1363	2.486471	1.280330	401.6272	2.484306	14.69126
#2	15.02044	403.4138	2.496803	1.274952	402.9856	2.500479	14.77648
#3	15.09200	404.8131	2.512700	1.275954	405.9351	2.510408	15.10672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4024	5.035112	5.038597	4.836104	5.023276	4.978693	5.012908
Stddev	.0990	.011569	.019553	.027968	.028732	.031078	.025855
%RSD	.0645413	.2297698	.3880684	.5783267	.5719718	.6242274	.5157618

#1	153.3794	5.022062	5.029933	4.822786	5.002155	4.981840	4.987406
#2	153.3169	5.044111	5.060985	4.817283	5.011680	5.008077	5.012217
#3	153.5109	5.039163	5.024873	4.868242	5.055994	4.946160	5.039101

Sample Name: CCV067 Acquired: 09/17/2019 15:33:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.011747	5.121606	4.938546
Stddev	.025867	.025690	.056154
%RSD	.5161186	.5016032	1.137048

#1	4.989201	5.092216	4.935186
#2	5.006054	5.132815	4.884148
#3	5.039986	5.139787	4.996304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.238	2454.962	31127.02	6352.268	2389.642
Stddev	12.067	9.871	176.26	5.612	10.726
%RSD	.9309458	.4020756	.5662447	.0883513	.4488519

#1	1301.002	2457.733	31132.19	6356.735	2400.257
#2	1305.196	2463.152	31300.64	6354.100	2389.861
#3	1282.516	2444.002	30948.24	6345.968	2378.809

Sample Name: CCB067 Acquired: 09/17/2019 15:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002150	.0003822	-.001404	-.000772	.0009413	.0135805	.0007384
Stddev	.002750	.0027478	.001254	.001652	.0008978	.0016966	.0002233
%RSD	127.9176	718.8872	89.30238	214.0487	95.38102	12.49286	30.24100

#1	-.005066	-.001185	-.002642	-.002344	.0018001	.0155249	.0009350
#2	-.001779	.003555	-.001434	-.000920	.0010148	.0128150	.0004956
#3	.000396	-.001223	-.000135	.000949	.0000090	.0124015	.0007844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0000360	.0162304	.0000281	.0000807	.0004896	.0274675
Stddev	.000045	.0000692	.0039026	.0001279	.0000850	.0005580	.0044314
%RSD	3583.035	192.2624	24.04504	454.6126	105.3042	113.9779	16.13322

#1	-.000048	.0001156	.0186214	.0000835	.0001296	.0005479	.0307480
#2	.000042	.0000010	.0183430	-.000118	-.000017	.0010161	.0224264
#3	.000002	-.000009	.0117269	.000119	.000130	-.000095	.0292282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007190	-.002644	-.000140	-.000072	-.085609	.0006027	-.002615
Stddev	.0001999	.009204	.000115	.000278	.216868	.0013642	.000698
%RSD	27.80010	348.1332	82.03939	388.2194	253.3235	226.3301	26.70852

#1	.0009086	-.013027	-.000186	.000153	-.321340	-.000956	-.003222
#2	.0005102	.004508	-.000009	.000015	-.040921	.001187	-.002771
#3	.0007383	.000588	-.000224	-.000383	.105434	.001577	-.001851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1545139	-.000362	.0138651	.0002398	-.000951	-.000218	.0023611
Stddev	.0384210	.002564	.0004682	.0001890	.003020	.000901	.0008614
%RSD	24.86572	708.3813	3.376726	78.84427	317.6047	413.4398	36.48196

#1	.1237474	.000425	.0143910	.0002062	-.003158	-.000280	.0018290
#2	.1975782	.001716	.0137106	.0004433	-.002184	.000712	.0033549
#3	.1422161	-.003227	.0134937	.0000697	.002490	-.001087	.0018994

Sample Name: CCB067 Acquired: 09/17/2019 15:37:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB067 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002543	.0041199	.0002024
Stddev	.0009097	.0003384	.0000586
%RSD	357.6510	8.213389	28.94271

#1	.0010555	.0040415	.0002601
#2	-.000735	.0044906	.0002040
#3	.000442	.0038277	.0001430

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.996	2878.035	34179.03	6592.997	3008.343
Stddev	13.014	8.054	287.80	26.778	2.379
%RSD	.8461414	.2798348	.8420337	.4061597	.0790708

#1	1534.061	2870.857	34144.11	6563.968	3005.743
#2	1552.523	2886.744	34482.70	6616.733	3010.411
#3	1527.405	2876.502	33910.29	6598.291	3008.875

Sample Name: K4734-13 Acquired: 09/17/2019 15:53:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4485009	.0138656	1.039476	-.000206	.0045956	22.23500	.9812101
Stddev	.0031645	.0007617	.002115	.000899	.0020330	.05572	.0053823
%RSD	.7055793	5.493335	.2034687	436.0144	44.23885	.2505938	.5485363

#1	.4520901	.0136320	1.039726	-.001046	.0038220	22.29365	.9869406
#2	.4473002	.0147168	1.037247	.000742	.0069019	22.18276	.9804281
#3	.4461125	.0132482	1.041455	-.000314	.0030629	22.22860	.9762616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029392	.0068248	6.476041	.0220449	.0226195	.5343030	54.77746
Stddev	.0001126	.0001099	.044506	.0002248	.0001368	.0011029	.33604
%RSD	3.832244	1.610355	.6872343	1.019636	.6048976	.2064082	.6134586

#1	.0028647	.0068963	6.525080	.0222185	.0224946	.5339054	55.11779
#2	.0030688	.0068799	6.438214	.0217910	.0225981	.5334541	54.44589
#3	.0028842	.0066983	6.464829	.0221253	.0227658	.5355495	54.76869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.60379	4.780836	.0168666	.0086148	-.045265	.1561886	.8480643
Stddev	.12317	.032778	.0002714	.0002174	.175973	.0031956	.0107075
%RSD	.4810460	.6856220	1.608937	2.524011	388.7612	2.046006	1.262583

#1	25.73965	4.797484	.0170428	.0083833	-.240193	.1588300	.8460770
#2	25.57229	4.801950	.0165541	.0086464	.101887	.1526365	.8384897
#3	25.49943	4.743075	.0170028	.0088147	.002510	.1570994	.8596263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.240212	2.216123	.0113109	.0389219	.6190217	7.114619	.0076915
Stddev	.031433	.002449	.0007472	.0002143	.0055830	.058534	.0007619
%RSD	.4341509	.1105285	6.606267	.5504711	.9019113	.8227287	9.906118

#1	7.215935	2.213831	.0117910	.0391501	.6216650	7.113728	.0084620
#2	7.275718	2.218704	.0104500	.0388906	.6227921	7.173593	.0069384
#3	7.228982	2.215833	.0116917	.0387250	.6126079	7.056536	.0076741

Sample Name: K4734-13 Acquired: 09/17/2019 15:53:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5728941	.0182250	.1818442
Stddev	.0024348	.0009700	.0005542
%RSD	.4249971	5.322604	.3047510

#1	.5740542	.0192541	.1819676
#2	.5700962	.0173274	.1812387
#3	.5745319	.0180936	.1823262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.640	3231.453	38601.09	7509.278	2928.164
Stddev	14.159	2.910	394.97	33.592	2.919
%RSD	.8153304	.0900576	1.023206	.4473383	.0996937

#1	1730.924	3234.775	38600.34	7471.747	2927.675
#2	1752.764	3229.355	38996.44	7519.558	2925.521
#3	1726.232	3230.229	38206.50	7536.528	2931.297

Sample Name: K4734-14 Acquired: 09/17/2019 15:57:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4468490	.0150885	1.049837	-.000466	.0051904	22.09442	.9430262
Stddev	.0024907	.0015146	.002455	.003629	.0015927	.05703	.0046609
%RSD	.5573965	10.03814	.2338736	778.1880	30.68490	.2581197	.4942479

#1	.4441117	.0142754	1.047363	.001764	.0052363	22.10347	.9461900
#2	.4489820	.0141541	1.049874	-.004654	.0067596	22.03341	.9376739
#3	.4474533	.0168360	1.052273	.001491	.0035753	22.14638	.9452149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029468	.0069032	6.460876	.0219427	.0224554	.5288578	54.92853
Stddev	.0000529	.0000590	.045462	.0004463	.0004776	.0025908	.16808
%RSD	1.796122	.8552550	.7036516	2.033835	2.126996	.4898876	.3059939

#1	.0029766	.0069574	6.505195	.0222460	.0219473	.5288506	54.95148
#2	.0029781	.0069118	6.414351	.0214302	.0225238	.5262706	54.75016
#3	.0028857	.0068403	6.463080	.0221518	.0228952	.5314522	55.08395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.78748	4.763318	.0163894	.0086164	.2127882	.1525766	.8262742
Stddev	.08803	.009994	.0001948	.0001116	.2135095	.0053499	.0067613
%RSD	.3863157	.2098212	1.188805	1.295567	100.3390	3.506382	.8182840

#1	22.80847	4.774283	.0163571	.0087283	.4279490	.1505623	.8227531
#2	22.69085	4.760954	.0162128	.0085050	.0009693	.1485263	.8340693
#3	22.86313	4.754718	.0165984	.0086159	.2094463	.1586413	.8220002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.947912	2.237806	.0078241	.0372609	.6148875	7.035481	.0086538
Stddev	.046130	.003642	.0012416	.0003469	.0052235	.071464	.0007108
%RSD	.6639451	.1627518	15.86847	.9310588	.8495062	1.015772	8.213180

#1	6.964684	2.242011	.0069422	.0370814	.6183720	7.094741	.0084320
#2	6.895742	2.235757	.0092439	.0370405	.6088816	6.956118	.0094490
#3	6.983309	2.235650	.0072860	.0376608	.6174091	7.055584	.0080804

Sample Name: K4734-14 Acquired: 09/17/2019 15:57:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5654082	.0176174	.1681436
Stddev	.0014263	.0011159	.0008374
%RSD	.2522540	6.334214	.4980359

#1	.5665773	.0165952	.1672646
#2	.5638191	.0188079	.1682339
#3	.5658281	.0174490	.1689321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.869	3247.480	38972.52	7561.928	2924.562
Stddev	7.153	2.548	251.07	42.641	2.555
%RSD	.4092521	.0784590	.6442110	.5638964	.0873469

#1	1751.326	3245.106	39142.68	7538.336	2926.915
#2	1739.644	3247.162	38684.17	7611.152	2921.845
#3	1752.638	3250.172	39090.71	7536.297	2924.926

Sample Name: K4734-13LX5 Acquired: 09/17/2019 16:05:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1087607	.0013703	.2092177	.0002289	.0014972	5.013982	.2157887
Stddev	.0041985	.0029509	.0022546	.0054018	.0011759	.024624	.0013207
%RSD	3.860298	215.3417	1.077648	2360.112	78.53987	.4911087	.6120126

#1	.1042733	-.001407	.2073131	.0064430	.0001684	4.987345	.2151003
#2	.1094154	.001050	.2117071	-.003345	.0024035	5.018685	.2149545
#3	.1125934	.004468	.2086328	-.002411	.0019198	5.035915	.2173113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006337	.0013775	1.486931	.0052202	.0045045	.1217769	12.59596
Stddev	.0000592	.0000999	.017389	.0005707	.0002503	.0038211	.09705
%RSD	9.344462	7.255478	1.169422	10.93221	5.557279	3.137771	.7705102

#1	.0005678	.0012647	1.479588	.0058779	.0046317	.1183781	12.50708
#2	.0006512	.0014126	1.474419	.0048559	.0046656	.1259128	12.58128
#3	.0006823	.0014551	1.506787	.0049269	.0042161	.1210396	12.69951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.397484	1.091424	.0029121	.0020870	-.111668	.0370285	.1869909
Stddev	.049323	.053282	.0002886	.0002703	.215955	.0003657	.0013048
%RSD	.9138182	4.881857	9.909405	12.95090	193.3898	.9876016	.6977927

#1	5.367141	1.046167	.0026927	.0023982	.031168	.0366090	.1856728
#2	5.370916	1.077958	.0032390	.0019101	-.006070	.0371971	.1882820
#3	5.454396	1.150147	.0028046	.0019528	-.360103	.0372795	.1870180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.539857	.4584930	.0029391	.0083933	.1218316	1.605843	.0024519
Stddev	.060524	.0042011	.0004588	.0002021	.0050239	.006892	.0008223
%RSD	3.930523	.9162786	15.60844	2.407670	4.123608	.4291704	33.53792

#1	1.470251	.4601061	.0028827	.0084608	.1275062	1.612109	.0015835
#2	1.580093	.4616485	.0034235	.0085529	.1179510	1.598462	.0025536
#3	1.569226	.4537245	.0025112	.0081661	.1200377	1.606958	.0032186

Sample Name: K4734-13LX5 Acquired: 09/17/2019 16:05:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1287701	.0041972	.0394809
Stddev	.0008906	.0007267	.0001171
%RSD	.6916243	17.31501	.2964652

#1	.1292543	.0033767	.0393731
#2	.1277423	.0047598	.0396054
#3	.1293137	.0044551	.0394642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.937	2878.670	34430.31	6696.846	2912.163
Stddev	15.881	9.367	284.59	15.134	4.330
%RSD	1.025264	.3253770	.8265551	.2259881	.1486732

#1	1556.975	2868.279	34739.93	6708.422	2907.412
#2	1530.644	2881.265	34180.17	6679.721	2915.887
#3	1559.192	2886.465	34370.82	6702.395	2913.189

Sample Name: PB123167BL Acquired: 09/17/2019 16:09:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW167 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002149	-.002201	-.003088	-.000370	.0020931	-.001380	.0006959
Stddev	.002770	.000818	.000226	.002181	.0008940	.008457	.0003163
%RSD	128.9103	37.16471	7.322585	588.9976	42.71186	612.7117	45.45351

#1	-.001683	-.001391	-.002919	-.002425	.0016207	.006876	.0004534
#2	-.005123	-.002184	-.003344	-.000605	.0015344	-.000991	.0005806
#3	.000359	-.003027	-.003000	.001919	.0031242	-.010026	.0010537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.000055	-.001973	-.000241	.0001922	-.002001	.0004102
Stddev	.000030	.000040	.001898	.000290	.0001739	.001610	.0042562
%RSD	88.82606	72.08588	96.19942	120.5022	90.46440	80.47121	1037.724

#1	-.000061	-.000036	-.004130	-.000569	.0000755	-.002697	-.002664
#2	-.000037	-.000101	-.000556	-.000132	.0003920	-.003147	.005268
#3	-.000002	-.000028	-.001233	-.000020	.0001090	-.000160	-.001374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000947	-.007280	-.000404	-.000214	-.069969	.0014013	-.004555
Stddev	.0001222	.017550	.000275	.000486	.098513	.0013288	.001213
%RSD	129.0097	241.0638	68.03882	227.2055	140.7953	94.82771	26.62606

#1	.0002241	-.021289	-.000574	.000347	-.019745	.0005038	-.003462
#2	-.000019	-.012958	-.000549	-.000511	-.006690	.0029278	-.005859
#3	.000079	.012406	-.000087	-.000478	-.183472	.0007722	-.004342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023463	-.000844	-.000162	.0000875	-.005821	-.000314	.0010017
Stddev	.037147	.001374	.000123	.0001095	.002466	.000639	.0003880
%RSD	158.3235	162.7394	75.90443	125.1609	42.36916	203.3382	38.72864

#1	-.057478	-.000059	-.000182	-.000035	-.004144	-.001049	.0010635
#2	.016175	-.000043	-.000273	.000176	-.008653	-.000003	.0013551
#3	-.029085	-.002431	-.000030	.000121	-.004667	.000110	.0005866

Sample Name: PB123167BL Acquired: 09/17/2019 16:09:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW167 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005759	.0005163	.0000693
Stddev	.0002953	.0011677	.0000316
%RSD	51.27533	226.1597	45.57593

#1	.0003922	.0004067	.0000983
#2	.0004190	.0017350	.0000738
#3	.0009166	-.000593	.0000357

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.112	2777.887	33206.02	6488.219	2914.473
Stddev	6.507	3.268	121.74	41.221	6.217
%RSD	.4369746	.1176524	.3666255	.6353216	.2133248

#1	1493.479	2779.877	33084.52	6530.967	2917.547
#2	1481.633	2774.115	33205.54	6484.972	2907.318
#3	1492.224	2779.669	33328.00	6448.717	2918.555

Sample Name: PB123176BL Acquired: 09/17/2019 16:14:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS176 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008349	-.003739	-.002665	-.001430	.0003549	-.002856	.0007329
Stddev	.0028874	.000968	.001064	.003651	.0010024	.000563	.0002230
%RSD	345.8331	25.89669	39.93249	255.3543	282.4726	19.72519	30.42490

#1	.0020595	-.004664	-.003628	.000541	.0011633	-.002313	.0005133
#2	-.002463	-.002732	-.001523	.000813	.0006681	-.002818	.0009592
#3	.002908	-.003821	-.002845	-.005643	-.000767	-.003438	.0007263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000181	-.000020	-.001028	-.000755	.0000157	.0000741	.0007304
Stddev	.0000634	.000011	.008034	.000119	.0001544	.0015747	.0013991
%RSD	350.9419	54.77528	781.5579	15.69455	986.0963	2126.246	191.5484

#1	.0000748	-.000009	.007394	-.000618	.0001775	-.000894	.0023124
#2	-.000050	-.000020	-.008608	-.000818	-.000130	.001891	.0002230
#3	.000030	-.000031	-.001870	-.000829	-.000000	-.000775	-.000344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	.0051646	-.000044	-.000190	-.094704	.0025774	-.004068
Stddev	.000197	.0093782	.000052	.000124	.063964	.0025001	.001303
%RSD	658.5701	181.5861	117.0883	65.34626	67.54115	97.00060	32.03729

#1	-.000216	.0112397	-.000100	-.000328	-.120933	.0030564	-.003367
#2	.000176	-.005636	-.000034	-.000087	-.141384	.0048035	-.005572
#3	-.000051	.009890	.000002	-.000154	-.021794	-.000128	-.003266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055482	-.001078	.0000261	.0001518	-.002400	-.000332	.0020691
Stddev	.032348	.002177	.0007803	.0002670	.001852	.001192	.0009975
%RSD	58.30268	202.0332	2984.987	175.9244	77.15032	358.6212	48.20912

#1	-.033307	-.002487	-.000327	.0000130	-.004123	-.001457	.0019956
#2	-.040540	.001430	.000921	-.000017	-.002634	-.000457	.0031013
#3	-.092600	-.002176	-.000516	.000460	-.000442	.000917	.0011104

Sample Name: PB123176BL Acquired: 09/17/2019 16:14:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS176 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010535	-.001275	.0000229
Stddev	.0005207	.001577	.0000338
%RSD	49.42842	123.6819	148.0283

#1	.0005893	-.002871	-.000016
#2	.0016166	.000281	.000044
#3	.0009546	-.001233	.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.264	2786.891	33290.03	6421.197	2925.026
Stddev	12.348	5.014	144.08	21.229	3.209
%RSD	.8225267	.1799040	.4328057	.3306086	.1097158

#1	1489.195	2787.612	33124.18	6445.040	2923.920
#2	1500.725	2791.505	33384.35	6404.346	2928.641
#3	1513.874	2781.556	33361.56	6414.206	2922.516

Sample Name: PB123178BL Acquired: 09/17/2019 16:18:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW178 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004979	-.000696	-.003467	-.000070	-.000666	.0006123	.0000552
Stddev	.0020850	.002877	.000504	.005466	.001064	.0032750	.0002637
%RSD	418.7734	413.5136	14.54932	7818.491	159.7300	534.8432	477.9525

#1	-.001730	-.001059	-.003232	.006093	-.001892	.0035726	.0003596
#2	.000822	-.003374	-.004046	-.001971	-.000125	-.002906	-.000095
#3	.002402	.002346	-.003123	-.004332	.000018	.001170	-.000099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000531	-.000014	-.004180	-.000575	.0001306	.0001346	-.002475
Stddev	.0000371	.000042	.002654	.000240	.0000931	.0006578	.006114
%RSD	69.99575	292.1012	63.49009	41.75012	71.25458	488.8857	247.0277

#1	.0000118	-.000004	-.001414	-.000569	.0001205	-.000545	-.006737
#2	.0000837	-.000060	-.004421	-.000817	.0002283	.000181	-.005218
#3	.0000637	.000021	-.006706	-.000338	.0000430	.000768	.004530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000135	.0065671	-.000497	.0000045	.0015572	-.000129	-.004806
Stddev	.000495	.0231269	.000241	.0006176	.3987955	.002401	.000653
%RSD	367.8530	352.1641	48.53983	13566.11	25609.12	1867.081	13.57653

#1	.000321	.0128954	-.000714	-.000689	-.421047	.002471	-.004594
#2	-.000662	-.019065	-.000237	.000209	.371264	-.002262	-.005538
#3	-.000063	.025871	-.000539	.000494	.054455	-.000595	-.004286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011014	-.000237	-.000433	-.000039	-.004072	-.001133	.0005507
Stddev	.0201456	.002123	.000883	.000259	.003193	.001216	.0008643
%RSD	1829.053	895.4916	204.0268	663.2771	78.39866	107.2649	156.9510

#1	.0119032	.001653	.000282	-.000337	-.000654	.000265	.0005276
#2	.0135425	.000170	-.000160	.000086	-.004586	-.001935	-.000302
#3	-.022141	-.002534	-.001420	.000133	-.006977	-.001731	.001426

Sample Name: PB123178BL Acquired: 09/17/2019 16:18:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW178 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000174	-.000132	.0001115
Stddev	.001547	.001402	.0000426
%RSD	888.2103	1062.025	38.20486

#1	-.001582	.001275	.0001183
#2	-.000423	-.000142	.0000659
#3	.001482	-.001529	.0001502

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.212	2795.100	33254.23	6495.055	2929.773
Stddev	8.708	.722	84.23	30.293	2.591
%RSD	.5816118	.0258343	.2532763	.4664052	.0884254

#1	1507.258	2795.813	33351.35	6499.146	2930.817
#2	1491.809	2795.119	33210.13	6523.094	2926.823
#3	1492.570	2794.369	33201.21	6462.924	2931.678

Sample Name: PB123176BS Acquired: 09/17/2019 16:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS176 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0261144	.0563999	.0184928	.0854017	.1402215	.4464831
Stddev	.0021866	.0023754	.0009547	.0037462	.0023129	.0094308
%RSD	8.373062	4.211665	5.162429	4.386590	1.649471	2.112247

#1	.0259799	.0581986	.0176820	.0810766	.1417538	.4514963
#2	.0239981	.0572939	.0195450	.0876321	.1375610	.4523484
#3	.0283650	.0537073	.0182514	.0874964	.1413497	.4356044

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4645069	.0115755	.0112572	12.04235	.0247633	.1095060
Stddev	.0011657	.0001335	.0000808	.01761	.0002770	.0003433
%RSD	.2509560	1.153434	.7176583	.1461993	1.118593	.3135370

#1	.4635632	.0114233	.0112781	12.03395	.0244691	.1098772
#2	.4658100	.0116309	.0111680	12.06259	.0248017	.1091997
#3	.4641474	.0116725	.0113255	12.03052	.0250191	.1094410

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514637	.2416308	.0374963	11.51629	.0923704	.0235613
Stddev	.0028013	.0040195	.0001412	.08021	.0004230	.0001637
%RSD	5.443328	1.663480	.3766668	.6964544	.4579702	.6949007

#1	.0517319	.2462450	.0376212	11.43264	.0919423	.0234103
#2	.0485379	.2397573	.0375248	11.59254	.0927881	.0237353
#3	.0541213	.2388901	.0373430	11.52369	.0923807	.0235384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19207	.1194403	.1344931	10.43535	.0200283	F .0222922
Stddev	.16211	.0034632	.0021418	.09067	.0011052	.0002471
%RSD	1.448439	2.899550	1.592504	.8688887	5.518152	1.108316

#1	11.00564	.1223344	.1369495	10.36197	.0209790	.0223519
#2	11.29985	.1156032	.1330158	10.40737	.0188157	.0225040
#3	11.27073	.1203833	.1335140	10.53672	.0202902	.0220208

Sample Name: PB123176BS Acquired: 09/17/2019 16:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS176 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224139	.1975056	.2270783	.0149844	.2199105	F .1042405
Stddev	.0002936	.0044798	.0025076	.0021207	.0009635	.0003303
%RSD	1.309979	2.268208	1.104289	14.15233	.4381175	.3168909

#1	.0224157	.1998985	.2253735	.0139285	.2210220	.1039252
#2	.0227066	.2002809	.2259037	.0174258	.2193137	.1042121
#3	.0221194	.1923374	.2299576	.0135991	.2193958	.1045840

Elem	Sr4077
Units	ppm
Avg	.2178819
Stddev	.0003262
%RSD	.1497164

#1	.2175509
#2	.2178916
#3	.2182031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.771	2761.996	33032.98	6456.249	2901.626
Stddev	15.204	7.757	340.11	23.534	6.897
%RSD	1.022598	.2808504	1.029613	.3645114	.2377035

#1	1474.303	2760.008	32686.23	6464.040	2898.154
#2	1482.301	2755.426	33046.68	6429.807	2897.155
#3	1503.708	2770.553	33366.04	6474.899	2909.569

Sample Name: PB123167BS Acquired: 09/17/2019 16:22:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227526	.0463855	.0148197	.0714632	.1256245	.3959127
Stddev	.0014267	.0006427	.0018857	.0022325	.0027035	.0024557
%RSD	6.270278	1.385634	12.72402	3.123974	2.152048	.6202541

#1	.0215045	.0470073	.0169713	.0740401	.1273340	.3956550
#2	.0224456	.0457237	.0140331	.0701121	.1225077	.3935960
#3	.0243078	.0464257	.0134547	.0702375	.1270319	.3984870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4125210	.0102663	.0100851	10.69809	.0221954	.0978009
Stddev	.0039040	.0000858	.0000815	.07114	.0006119	.0001566
%RSD	.9463648	.8361068	.8085259	.6650063	2.756802	.1601431

#1	.4164251	.0102060	.0101702	10.77218	.0228745	.0979816
#2	.4086172	.0103646	.0100076	10.63032	.0216869	.0977186
#3	.4125206	.0102284	.0100775	10.69176	.0220248	.0977026

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429964	.2224403	.0333216	10.29998	.0824797	.0208082
Stddev	.0013905	.0106062	.0002304	.01278	.0003728	.0002921
%RSD	3.234113	4.768092	.6914205	.1240411	.4519888	1.403640

#1	.0415480	.2304785	.0331910	10.29863	.0827031	.0211375
#2	.0431202	.2104193	.0331863	10.28793	.0820493	.0205806
#3	.0443208	.2264231	.0335877	10.31337	.0826866	.0207066

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06690	.1074912	.1178296	9.206610	.0179883	F .0201665
Stddev	.29841	.0011085	.0006098	.042458	.0021815	.0007083
%RSD	2.964284	1.031210	.5175016	.4611704	12.12714	3.512369

#1	10.21293	.1086965	.1171572	9.237244	.0154749	.0207072
#2	9.72359	.1065154	.1179849	9.158144	.0193905	.0204277
#3	10.26417	.1072618	.1183467	9.224442	.0190994	.0193647

Sample Name: PB123167BS Acquired: 09/17/2019 16:22:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS167 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198995	.1771524	.2036900	.0130329	.1972585	F .0909475
Stddev	.0004141	.0050955	.0008626	.0006361	.0025153	.0018750
%RSD	2.080900	2.876350	.4235056	4.880680	1.275135	2.061575

#1	.0196209	.1718225	.2040330	.0136763	.2000430	.0930964
#2	.0197023	.1776589	.2027086	.0130180	.1951508	.0896447
#3	.0203753	.1819757	.2043283	.0124043	.1965818	.0901015

Elem	Sr4077
Units	ppm
Avg	.1941988
Stddev	.0001945
%RSD	.1001276

#1	.1944051
#2	.1940189
#3	.1941724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.881	2774.133	33191.00	6484.442	2912.061
Stddev	10.316	10.149	210.74	12.480	5.556
%RSD	.6905602	.3658420	.6349448	.1924683	.1907868

#1	1489.782	2773.098	32952.58	6470.722	2914.766
#2	1486.245	2784.759	33268.04	6495.121	2915.747
#3	1505.617	2764.541	33352.39	6487.484	2905.671

Sample Name: PB123178BS Acquired: 09/17/2019 16:30:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS178 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234941	.0509745	.0179827	.0780854	.1252110	.4017744
Stddev	.0030011	.0022024	.0001332	.0052359	.0009395	.0124377
%RSD	12.77370	4.320579	.7406436	6.705337	.7503087	3.095698

#1	.0264708	.0525565	.0178557	.0755405	.1251953	.3905069
#2	.0235423	.0519079	.0181213	.0746084	.1261583	.3996959
#3	.0204692	.0484591	.0179711	.0841073	.1242795	.4151204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4183097	.0104843	.0100637	10.84136	.0222202	.0981253
Stddev	.0065626	.0002203	.0000285	.12587	.0007613	.0002648
%RSD	1.568838	2.101007	.2834285	1.161046	3.426145	.2698761

#1	.4107729	.0102663	.0100677	10.70115	.0215176	.0981520
#2	.4227602	.0107068	.0100334	10.94463	.0221141	.0978482
#3	.4213961	.0104799	.0100901	10.87831	.0230290	.0983758

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436218	.2186965	.0334770	10.36328	.0830522	.0207166
Stddev	.0010908	.0032740	.0004258	.09688	.0005655	.0002857
%RSD	2.500521	1.497055	1.271870	.9347919	.6808988	1.378927

#1	.0434885	.2151608	.0329875	10.25320	.0825793	.0210240
#2	.0426039	.2216234	.0337620	10.43557	.0836786	.0206665
#3	.0447731	.2193053	.0336814	10.40106	.0828987	.0204594

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10788	.1078524	.1195878	9.424178	.0179684	F .0198532
Stddev	.37575	.0014996	.0007811	.037928	.0003559	.0000555
%RSD	3.717352	1.390380	.6531178	.4024564	1.980878	.2793641

#1	9.67488	.1061852	.1203377	9.456517	.0175877	.0198369
#2	10.34822	.1082810	.1196468	9.433584	.0180247	.0198076
#3	10.30053	.1090910	.1187789	9.382431	.0182929	.0199149

Sample Name: PB123178BS Acquired: 09/17/2019 16:30:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS178 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202248	.1760939	.2047971	.0141181	.1981504	F .0908260
Stddev	.0004062	.0039122	.0028378	.0003502	.0016764	.0014025
%RSD	2.008278	2.221680	1.385646	2.480277	.8460236	1.544116

#1	.0199711	.1755879	.2017756	.0144242	.1965438	.0892629
#2	.0206932	.1724592	.2074060	.0141939	.1998888	.0919742
#3	.0200100	.1802345	.2052096	.0137363	.1980187	.0912408

Elem	Sr4077
Units	ppm
Avg	.1947208
Stddev	.0018523
%RSD	.9512424

#1	.1926220
#2	.1961270
#3	.1954134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.274	2769.568	32871.46	6434.183	2916.583
Stddev	5.215	.854	114.41	84.350	2.448
%RSD	.3527584	.0308353	.3480496	1.310965	.0839401

#1	1474.841	2768.938	32754.93	6530.854	2915.491
#2	1484.275	2770.540	32875.83	6375.552	2919.387
#3	1475.706	2769.227	32983.62	6396.145	2914.870

Sample Name: K4869-01 Acquired: 09/17/2019 16:34:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054947	-.002135	.0007941	.0053115	-.001633	.0150200	.0339354
Stddev	.0056568	.001502	.0019727	.0018979	.001272	.0018530	.0001173
%RSD	102.9507	70.35430	248.4111	35.73089	77.87719	12.33694	.3455300

#1	.0119209	-.001553	.0029035	.0065362	-.003043	.0171040	.0338242
#2	.0032956	-.003841	-.001005	.0062730	-.000573	.0135581	.0340579
#3	.0012676	-.001011	.000484	.0031253	-.001284	.0143978	.0339239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000814	-.000022	77.69518	.0000396	.0009486	-.000776	.1389199
Stddev	.0000423	.000035	.47119	.0002139	.0001146	.000979	.0124568
%RSD	52.00938	158.5787	.6064610	539.5586	12.07956	126.1595	8.966890

#1	.0000374	-.000008	77.20401	.0002777	.0010702	.000155	.1461025
#2	.0001219	-.000063	78.14346	-.000136	.0009328	-.000687	.1461212
#3	.0000848	.000003	77.73807	-.000023	.0008427	-.001797	.1245361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2795096	17.31750	.0004892	.0001281	61.02181	.0023932	.0026723
Stddev	.0009148	.11722	.0004210	.0003327	.54738	.0003332	.0003646
%RSD	.3272808	.6768928	86.07491	259.6706	.8970300	13.92469	13.64409

#1	.2789073	17.18769	.0005760	.0003071	60.41217	.0024327	.0029999
#2	.2805623	17.41563	.0000315	-.000256	61.47116	.0027049	.0027375
#3	.2790593	17.34917	.0008600	.000333	61.18209	.0020419	.0022795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.731693	.0026921	.1745694	.0033884	25.20591	6.041534	-.002544
Stddev	.015427	.0008452	.0008235	.0002414	.13197	.068508	.000262
%RSD	.4134034	31.39441	.4717228	7.124137	.5235804	1.133948	10.30897

#1	3.727790	.0033750	.1736201	.0032880	25.08459	5.962627	-.002409
#2	3.748697	.0029545	.1750911	.0032133	25.34643	6.085852	-.002377
#3	3.718593	.0017469	.1749970	.0036637	25.18672	6.076121	-.002846

Sample Name: K4869-01 Acquired: 09/17/2019 16:34:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008236	.0417939	.9644510
Stddev	.0002604	.0002107	.0007555
%RSD	31.61635	.5041919	.0783328

#1	.0006056	.0419528	.9640663
#2	.0007532	.0418740	.9653214
#3	.0011119	.0415548	.9639653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.443	2887.055	34261.66	6644.946	3004.258
Stddev	9.356	5.550	210.61	51.696	.681
%RSD	.6042020	.1922232	.6147162	.7779783	.0226754

#1	1540.136	2884.766	34086.77	6697.054	3003.549
#2	1546.615	2893.384	34202.77	6593.671	3004.907
#3	1558.577	2883.017	34495.45	6644.112	3004.318

Sample Name: K4869-03 Acquired: 09/17/2019 16:42:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078053	-.002448	.0136997	.0093579	-.001733	.0466338	.0627505
Stddev	.0045357	.000492	.0010694	.0015226	.003071	.0126789	.0005342
%RSD	58.11126	20.11192	7.806231	16.27038	177.1332	27.18824	.8513129

#1	.0050666	-.002892	.0133348	.0111150	-.000264	.0435783	.0621460
#2	.0053084	-.002534	.0128605	.0085313	-.005263	.0357618	.0629466
#3	.0130408	-.001919	.0149038	.0084275	.000326	.0605612	.0631589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001116	-.000070	170.4463	.0037307	.0005299	.0013314	.0612388
Stddev	.0000339	.000069	.6190	.0004734	.0000379	.0004937	.0087561
%RSD	30.36900	97.75502	.3631397	12.68944	7.143910	37.08580	14.29823

#1	.0000760	-.000136	170.0617	.0035027	.0005696	.0007654	.0603564
#2	.0001435	-.000076	171.1603	.0042750	.0004942	.0016741	.0704027
#3	.0001151	.000001	170.1169	.0034145	.0005261	.0015546	.0529574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237878	24.09428	.0005108	-.000112	91.83203	.0447568	.0118503
Stddev	.0003996	.04269	.0002794	.000141	.31223	.0009070	.0014065
%RSD	1.679713	.1771600	54.69065	125.3434	.3399973	2.026403	11.86870

#1	.0235828	24.08630	.0004576	-.000275	91.47646	.0438666	.0125642
#2	.0242482	24.14039	.0002619	-.000041	92.06142	.0456797	.0102300
#3	.0235323	24.05614	.0008130	-.000022	91.95820	.0447241	.0127567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.693631	.0133490	.3182232	.0021758	68.19144	25.11062	-.002298
Stddev	.085149	.0024041	.0010587	.0001175	.21060	.02814	.001230
%RSD	1.272094	18.00921	.3326759	5.397754	.3088436	.1120467	53.54599

#1	6.773373	.0124195	.3184250	.0022928	67.94894	25.12352	-.000984
#2	6.703571	.0160791	.3191664	.0021768	68.32848	25.13000	-.002487
#3	6.603948	.0115486	.3170781	.0020579	68.29690	25.07835	-.003422

Sample Name: K4869-03 Acquired: 09/17/2019 16:42:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000272	.0657869	2.874156
Stddev	.000484	.0008751	.008209
%RSD	177.7396	1.330146	.2856299

#1	.000046	.0647844	2.866610
#2	-.000829	.0663973	2.872961
#3	-.000034	.0661791	2.882898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1508.041	2799.437	33630.08	6643.216	2874.883
Stddev	8.210	6.502	94.92	31.363	4.675
%RSD	.5443979	.2322666	.2822571	.4721130	.1626163

#1	1499.050	2795.996	33688.51	6607.391	2876.055
#2	1509.934	2795.379	33520.56	6656.535	2869.734
#3	1515.139	2806.937	33681.19	6665.722	2878.861

Sample Name: K4869-02 Acquired: 09/17/2019 16:38:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059419	-.000330	.0091713	.0048184	-.000113	-.007597	.0738282
Stddev	.0020510	.001337	.0023009	.0023340	.002543	.006474	.0006144
%RSD	34.51721	404.8681	25.08792	48.43822	2252.432	85.21877	.8321632

#1	.0064227	.000415	.0103200	.0071892	.002204	-.012588	.0731199
#2	.0077097	-.001874	.0106717	.0025231	.000290	-.009920	.0741489
#3	.0036932	.000468	.0065222	.0047430	-.002834	-.000282	.0742159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000632	-.000022	106.9659	.0014878	-.001088	-.000744	.1028573
Stddev	.0000422	.000025	.4162	.0007654	.000150	.002452	.0032385
%RSD	66.70765	118.4838	.3891106	51.44199	13.77598	329.7051	3.148541

#1	.0001117	-.000050	106.4856	.0022956	-.001111	.001420	.1000638
#2	.0000344	-.000002	107.2209	.0007735	-.001224	-.003407	.1064070
#3	.0000436	-.000012	107.1912	.0013942	-.000927	-.000244	.1021010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205484	13.14449	-.000672	.0001754	115.4204	.0422655	.0034098
Stddev	.0002691	.12756	.000499	.0001479	.4962	.0019625	.0004117
%RSD	1.309327	.9704180	74.26182	84.32699	.4298924	4.643336	12.07264

#1	.0202389	13.00572	-.001075	.0003463	114.8520	.0419182	.0038020
#2	.0206790	13.25664	-.000829	.0000902	115.7673	.0443785	.0034463
#3	.0207272	13.17109	-.000114	.0000898	115.6418	.0404998	.0029811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.644461	.0076502	.1819133	.0051300	46.42193	19.96762	-.002645
Stddev	.017649	.0016284	.0019742	.0001530	.12268	.20772	.001239
%RSD	.2308782	21.28544	1.085239	2.981614	.2642680	1.040277	46.82828

#1	7.638709	.0095052	.1803097	.0049766	46.42602	19.72831	-.003577
#2	7.630405	.0069888	.1841182	.0052825	46.29726	20.10129	-.001240
#3	7.664268	.0064566	.1813120	.0051311	46.54251	20.07325	-.003119

Sample Name: K4869-02 Acquired: 09/17/2019 16:38:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000913	.0339986	1.989331
Stddev	.000169	.0010364	.002796
%RSD	18.53024	3.048361	.1405463

#1	-.000718	.0334550	1.992530
#2	-.001001	.0333470	1.987354
#3	-.001021	.0351937	1.988110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.187	2839.625	33874.02	6651.847	2920.522
Stddev	11.600	9.658	452.47	30.839	6.314
%RSD	.7615562	.3401082	1.335741	.4636114	.2162070

#1	1510.275	2847.355	33397.07	6683.859	2926.888
#2	1526.557	2842.721	33927.79	6622.334	2920.418
#3	1532.728	2828.799	34297.20	6649.348	2914.260

Sample Name: K4869-05 Acquired: 09/17/2019 16:50:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070597	-.002427	.0018008	.0036000	.0009795	.0049756	.0237516
Stddev	.0013477	.002216	.0014378	.0059228	.0010148	.0131324	.0002502
%RSD	19.09028	91.33313	79.84327	164.5212	103.6064	263.9381	1.053557

#1	.0056607	-.000262	.0003331	.0024046	.0019316	-.000349	.0237752
#2	.0071690	-.002327	.0018625	.0100293	.0010951	.019934	.0239893
#3	.0083495	-.004691	.0032067	-.001634	-.000088	-.004658	.0234905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000492	-.000062	124.6407	.0006785	-.000875	-.001121	.0440473
Stddev	.0000251	.000034	.5093	.0001097	.000285	.003532	.0059834
%RSD	51.08765	53.91575	.4085804	16.17038	32.61389	315.1817	13.58395

#1	.0000750	-.000101	124.4009	.0007012	-.001070	-.001887	.0509380
#2	.0000248	-.000049	125.2256	.0007751	-.000548	.002732	.0410366
#3	.0000477	-.000037	124.2956	.0005592	-.001008	-.004207	.0401672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077585	21.36951	.0006606	-.000289	76.44939	.0017121	.0039128
Stddev	.0000975	.09346	.0002090	.000307	.37331	.0020000	.0006792
%RSD	1.257187	.4373380	31.62894	105.9588	.4883135	116.8174	17.35972

#1	.0077968	21.30356	.0008154	-.000561	76.52499	.0022678	.0041031
#2	.0078310	21.32849	.0007435	-.000351	76.77912	.0033754	.0031587
#3	.0076476	21.47646	.0004230	.000043	76.04407	-.000507	.0044766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.889618	.0054967	.1926031	.0016946	47.21345	8.487535	-.003259
Stddev	.036210	.0029954	.0014050	.0000971	.00710	.087836	.001883
%RSD	.6148101	54.49513	.7294884	5.729216	.0150436	1.034882	57.77130

#1	5.862172	.0078838	.1909917	.0017546	47.20562	8.411451	-.005156
#2	5.876024	.0021355	.1932456	.0015826	47.21525	8.583660	-.003231
#3	5.930657	.0064709	.1935719	.0017465	47.21948	8.467495	-.001390

Sample Name: K4869-05 Acquired: 09/17/2019 16:50:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E04 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004504	.0507802	1.979412
Stddev	.0006207	.0014614	.003176
%RSD	137.8028	2.877873	.1604594

#1	-.000264	.0523802	1.976148
#2	.000859	.0504443	1.979596
#3	.000756	.0495159	1.982493

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.524	2837.205	33917.46	6687.600	2937.234
Stddev	8.028	3.168	193.94	27.667	1.937
%RSD	.5283304	.1116736	.5717901	.4137029	.0659370

#1	1511.807	2839.431	33734.51	6718.732	2939.116
#2	1527.831	2833.577	34120.78	6665.825	2935.247
#3	1518.935	2838.605	33897.08	6678.244	2937.340

Sample Name: K4869-04 Acquired: 09/17/2019 16:46:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038868	-.001567	.0041921	.0068341	-.001657	-.030134	.0276182
Stddev	.0038675	.004061	.0006665	.0029477	.001292	.002975	.0004143
%RSD	99.50205	259.2352	15.89888	43.13219	77.94593	9.873673	1.499946

#1	.0001374	-.001505	.0039895	.0068340	-.000710	-.028517	.0271716
#2	.0036606	.002463	.0036505	.0097818	-.003129	-.028318	.0279898
#3	.0078624	-.005658	.0049364	.0038864	-.001133	-.033568	.0276933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001217	-.000052	128.2402	.0007049	-.000787	-.000483	-.047591
Stddev	.0000697	.000025	.1202	.0000842	.000279	.001398	.003511
%RSD	57.26489	47.96680	.0937198	11.94608	35.50020	289.5304	7.377464

#1	.0001752	-.000043	128.3751	.0006078	-.000595	-.001782	-.046861
#2	.0000429	-.000034	128.1446	.0007488	-.000658	-.000663	-.051410
#3	.0001470	-.000081	128.2007	.0007582	-.001107	.000996	-.044503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406403	23.02372	.0010306	-.000087	73.45694	.0007031	.0038687
Stddev	.0002832	.09949	.0002989	.000129	.13578	.0016745	.0012811
%RSD	.6968608	.4321306	29.00640	147.7938	.1848477	238.1707	33.11456

#1	.0404579	23.09909	.0006869	.000008	73.59886	-.000713	.0042061
#2	.0404964	22.91095	.0011745	-.000036	73.44369	.000270	.0049473
#3	.0409665	23.06112	.0012303	-.000235	73.32826	.002551	.0024526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.419676	.0111300	.2166571	.0022720	45.86679	11.54966	-.003577
Stddev	.104013	.0011301	.0001019	.0002007	.14383	.07592	.000735
%RSD	1.919169	10.15339	.0470438	8.834267	.3135858	.6573158	20.55152

#1	5.389816	.0102805	.2165547	.0025025	45.98613	11.46590	-.002766
#2	5.333859	.0106969	.2166582	.0021360	45.90714	11.56912	-.004199
#3	5.535353	.0124126	.2167585	.0021774	45.70709	11.61395	-.003766

Sample Name: K4869-04 Acquired: 09/17/2019 16:46:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001438	.0533664	1.853406
Stddev	.000603	.0012414	.001807
%RSD	41.96252	2.326202	.0974836

#1	-.002095	.0541237	1.855478
#2	-.000910	.0540418	1.852588
#3	-.001307	.0519337	1.852154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.643	2818.115	33818.58	6706.344	2922.300
Stddev	3.354	3.731	52.09	24.282	4.571
%RSD	.2208774	.1323761	.1540185	.3620703	.1564215

#1	1520.222	2815.824	33789.17	6734.104	2920.035
#2	1514.791	2822.420	33787.85	6689.054	2927.561
#3	1520.917	2816.101	33878.72	6695.874	2919.304

Sample Name: K4869-07 Acquired: 09/17/2019 16:59:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064409	-.001043	.0045276	.0048695	-.000727	-.040361	.0452639
Stddev	.0042631	.004164	.0021967	.0023579	.001659	.008799	.0002348
%RSD	66.18849	399.0827	48.51772	48.42171	228.1541	21.80006	.5187695

#1	.0055015	.000550	.0020015	.0067443	-.000735	-.043319	.0450566
#2	.0027258	-.005769	.0055915	.0056419	.000936	-.030464	.0455189
#3	.0110954	.002089	.0059898	.0022223	-.002383	-.047299	.0452161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001755	-.000066	146.7425	.0017181	-.001544	.0043989	-.051012
Stddev	.0000691	.000105	.3992	.0003931	.000265	.0010012	.010060
%RSD	39.36272	157.7554	.2720676	22.88137	17.15499	22.76114	19.72016

#1	.0001819	.000018	147.1005	.0016056	-.001721	.0055461	-.044993
#2	.0001035	-.000184	146.3120	.0021551	-.001239	.0037016	-.062625
#3	.0002412	-.000034	146.8149	.0013934	-.001671	.0039488	-.045417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024343	25.93080	.0011510	-.000232	76.50766	.0062450	.0189080
Stddev	.0002156	.05193	.0004961	.000329	.44205	.0008513	.0009904
%RSD	8.855575	.2002478	43.09867	141.5301	.5777903	13.63185	5.238152

#1	.0024859	25.90509	.0016101	-.000591	76.93648	.0067929	.0196141
#2	.0021975	25.89675	.0012181	.000056	76.05347	.0066778	.0177758
#3	.0026193	25.99057	.0006248	-.000162	76.53303	.0052642	.0193340

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.732646	.0023554	.2888045	.0019859	48.76624	12.63418	-.004167
Stddev	.071867	.0009526	.0040883	.0001622	.23331	.11921	.000881
%RSD	1.253643	40.44382	1.415585	8.167918	.4784214	.9435414	21.14204

#1	5.676330	.0026239	.2861796	.0019321	48.96177	12.51776	-.003416
#2	5.813588	.0012974	.2867190	.0018574	48.50797	12.62879	-.003947
#3	5.708018	.0031450	.2935150	.0021682	48.82897	12.75599	-.005136

Sample Name: K4869-07 Acquired: 09/17/2019 16:59:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001790	.0603419	1.924337
Stddev	.001657	.0005843	.002529
%RSD	92.56588	.9683078	.1314245

#1	.000041	.0606833	1.922182
#2	-.003187	.0596673	1.923709
#3	-.002224	.0606752	1.927121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.711	2822.122	33790.13	6659.054	2910.546
Stddev	15.070	3.610	147.64	37.272	1.254
%RSD	.9942255	.1279003	.4369348	.5597203	.0430797

#1	1501.241	2826.151	33811.43	6695.021	2911.929
#2	1514.575	2821.031	33633.00	6661.540	2909.483
#3	1531.316	2819.184	33925.97	6620.601	2910.226

Sample Name: K4869-06 Acquired: 09/17/2019 16:54:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109733	.0024217	.0148558	.0025991	-.001001	1.873114	.2067990
Stddev	.0011865	.0019950	.0017059	.0034857	.001705	.003865	.0002354
%RSD	10.81289	82.37963	11.48290	134.1121	170.3064	.2063547	.1138271

#1	.0096520	.0006552	.0131066	-.001239	-.002966	1.877268	.2069946
#2	.0113203	.0020244	.0149459	.003469	-.000133	1.872452	.2065377
#3	.0119477	.0045854	.0165148	.005568	.000095	1.869623	.2068646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008041	.0000506	117.0262	.0008487	.0059374	.0078212	3.393768
Stddev	.0000788	.0000380	.2940	.0001386	.0002227	.0027531	.011643
%RSD	9.797980	75.11979	.2512054	16.32795	3.750154	35.20059	.3430810

#1	.0008712	.0000594	117.3639	.0006890	.0060726	.0088206	3.380782
#2	.0008237	.0000089	116.8873	.0009193	.0056804	.0099351	3.403275
#3	.0007174	.0000833	116.8274	.0009377	.0060592	.0047080	3.397248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.892508	15.30778	.0087283	.0000470	48.87403	.0175894	.0332499
Stddev	.007266	.04286	.0001678	.0002505	.18475	.0016724	.0016304
%RSD	.3839186	.2800176	1.921908	533.3813	.3780179	9.508003	4.903460

#1	1.900344	15.31574	.0085673	.0002658	49.07662	.0157647	.0313725
#2	1.891186	15.34610	.0087154	-.000226	48.83065	.0190492	.0343096
#3	1.885995	15.26149	.0089021	.000101	48.71483	.0179543	.0340676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.641197	.1280399	.1615567	.0070204	28.23960	16.21942	-.002533
Stddev	.048546	.0061933	.0012227	.0001930	.11590	.06040	.002344
%RSD	1.045976	4.837024	.7568048	2.748978	.4104249	.3723883	92.53367

#1	4.585390	.1303166	.1615626	.0072381	28.35219	16.28387	.000102
#2	4.664528	.1210304	.1603312	.0068702	28.12065	16.16411	-.003317
#3	4.673672	.1327726	.1627765	.0069528	28.24597	16.21029	-.004386

Sample Name: K4869-06 Acquired: 09/17/2019 16:54:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0301450	.0324491	1.090159
Stddev	.0004458	.0013251	.001316
%RSD	1.478994	4.083743	.1207082

#1	.0303703	.0339783	1.091141
#2	.0304333	.0316382	1.090672
#3	.0296315	.0317308	1.088663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.442	2863.372	34229.82	6743.009	2947.732
Stddev	9.913	4.542	255.93	35.152	7.135
%RSD	.6464353	.1586143	.7476745	.5213119	.2420656

#1	1535.827	2859.613	34345.00	6715.991	2944.733
#2	1522.554	2868.419	33936.55	6730.285	2955.878
#3	1541.944	2862.085	34407.93	6782.751	2942.586

Sample Name: K4869-09 Acquired: 09/17/2019 17:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E06S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545188	.0563050	.0261508	.0649231	.1121506	2.045423	2.338454
Stddev	.0049802	.0028792	.0013289	.0043503	.0008530	.008128	.004614
%RSD	9.134799	5.113498	5.081593	6.700701	.7605911	.3973752	.1973174

#1	.0587483	.0531988	.0271844	.0687634	.1111657	2.052594	2.333620
#2	.0557784	.0588843	.0246518	.0601987	.1126378	2.036594	2.342811
#3	.0490297	.0568319	.0266160	.0658074	.1126484	2.047083	2.338930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564243	.0550525	144.7032	.2370880	.5431058	.2388377	1.170459
Stddev	.0001622	.0000507	.3733	.0011978	.0006607	.0033426	.005220
%RSD	.2873697	.0920865	.2579626	.5052236	.1216478	1.399528	.4459740

#1	.0562444	.0550015	144.5171	.2368038	.5438565	.2384397	1.166718
#2	.0565592	.0550533	145.1329	.2360579	.5426128	.2423614	1.176422
#3	.0564693	.0551029	144.4595	.2384024	.5428480	.2357119	1.168236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5697203	25.58663	.5523075	.0566292	75.91556	.5854620	.5781351
Stddev	.0020658	.03126	.0009541	.0001893	.16493	.0018566	.0014913
%RSD	.3625926	.1221707	.1727553	.3342539	.2172497	.3171140	.2579425

#1	.5673443	25.56942	.5528757	.0567975	75.72604	.5849816	.5796952
#2	.5707263	25.62271	.5512060	.0566658	75.99418	.5875115	.5767239
#3	.5710904	25.56775	.5528409	.0564243	76.02647	.5838927	.5779861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.724938	.0063046	.2848075	.0019029	48.25316	12.37119	-.003752
Stddev	.002979	.0006177	.0030893	.0003620	.11982	.07646	.000646
%RSD	.0520436	9.796963	1.084689	19.02174	.2483235	.6180184	17.20957

#1	5.724164	.0061155	.2836803	.0015820	48.38047	12.28433	-.003111
#2	5.728228	.0069947	.2824401	.0022953	48.23644	12.40095	-.003744
#3	5.722421	.0058036	.2883021	.0018315	48.14258	12.42830	-.004402

Sample Name: K4869-09 Acquired: 09/17/2019 17:07:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E06S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002359	.0620202	1.912716
Stddev	.000204	.0012188	.007423
%RSD	8.650818	1.965227	.3880822

#1	-.002172	.0615008	1.908494
#2	-.002577	.0634127	1.908368
#3	-.002328	.0611472	1.921287

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.574	2804.188	33632.93	6682.464	2895.530
Stddev	8.793	1.874	142.47	20.637	4.606
%RSD	.5840481	.0668262	.4236134	.3088200	.1590890

#1	1497.187	2803.677	33477.31	6676.810	2890.910
#2	1504.810	2806.265	33756.96	6665.243	2900.123
#3	1514.724	2802.623	33664.52	6705.338	2895.559

Sample Name: K4869-08 Acquired: 09/17/2019 17:03:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E06D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074601	.0009172	.0030258	.0042273	-.000354	-.041598	.0447634
Stddev	.0030382	.0020000	.0017817	.0014642	.000617	.011964	.0003862
%RSD	40.72529	218.0512	58.88430	34.63572	174.3698	28.76133	.8626785

#1	.0048651	-.001383	.0036003	.0028584	-.000585	-.047223	.0447970
#2	.0067132	.001889	.0010277	.0040525	-.000821	-.049713	.0451317
#3	.0108021	.002245	.0044493	.0057711	.000345	-.027858	.0443616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001001	-.000041	146.8667	.0020321	-.001171	.0043614	-.048984
Stddev	.0000522	.000022	1.1850	.0006623	.000027	.0008428	.003373
%RSD	52.14328	54.91710	.8068657	32.59212	2.285814	19.32476	6.886913

#1	.0001435	-.000065	147.3304	.0014430	-.001142	.0044118	-.045781
#2	.0000422	-.000021	147.7497	.0027490	-.001194	.0051779	-.048665
#3	.0001146	-.000036	145.5199	.0019043	-.001176	.0034945	-.052505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023055	25.95685	.0013391	.0002877	77.12194	.0057736	.0176863
Stddev	.0003613	.10057	.0010276	.0002410	.60657	.0015668	.0007193
%RSD	15.67310	.3874384	76.73916	83.76836	.7865042	27.13639	4.066955

#1	.0027152	25.95656	.0009751	.0000528	77.21172	.0073857	.0172159
#2	.0020323	26.05755	.0005430	.0002759	77.67862	.0056787	.0185143
#3	.0021690	25.85642	.0024991	.0005345	76.47549	.0042565	.0173286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.774634	.0007646	.2913462	.0017189	48.81021	12.67127	-.003314
Stddev	.085049	.0009924	.0052536	.0002111	.23259	.18460	.001199
%RSD	1.472807	129.7967	1.803229	12.28028	.4765108	1.456817	36.16830

#1	5.835405	-.000374	.2951297	.0014900	48.56951	12.85402	-.002237
#2	5.811058	.001447	.2935611	.0019058	48.82739	12.67492	-.004606
#3	5.677439	.001221	.2853478	.0017611	49.03372	12.48488	-.003100

Sample Name: K4869-08 Acquired: 09/17/2019 17:03:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E06D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001456	.0609948	1.934107
Stddev	.000084	.0010134	.006329
%RSD	5.785408	1.661493	.3272309

#1	-.001359	.0620991	1.939264
#2	-.001500	.0607778	1.936014
#3	-.001508	.0601075	1.927044

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1521.425	2816.571	33758.14	6635.869	2908.925
Stddev	19.315	5.800	423.39	48.616	5.293
%RSD	1.269528	.2059249	1.254188	.7326262	.1819547

#1	1543.684	2821.022	34246.89	6611.078	2914.881
#2	1511.495	2818.680	33524.13	6604.646	2907.134
#3	1509.094	2810.012	33503.42	6691.883	2904.760

Sample Name: K4869-07LX5 Acquired: 09/17/2019 17:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E06L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026890	-.001502	-.000791	.0014185	.0023964	-.008204	.0083026
Stddev	.0015912	.004643	.000534	.0010620	.0013002	.009946	.0001448
%RSD	59.17412	309.1235	67.54208	74.87268	54.25800	121.2308	1.743705

#1	.0039975	.001936	-.000182	.0025166	.0033270	-.018080	.0084691
#2	.0009177	.000342	-.001179	.0003966	.0029514	.001811	.0082062
#3	.0031517	-.006783	-.001013	.0013422	.0009107	-.008345	.0082325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000844	-.000085	29.25986	.0005448	-.000792	.0028402	-.005726
Stddev	.0000099	.000011	.25076	.0007003	.000091	.0018028	.004709
%RSD	11.78624	13.04103	.8570055	128.5380	11.49344	63.47430	82.24455

#1	.0000740	-.000077	29.38036	.0008648	-.000897	.0011594	-.001211
#2	.0000938	-.000098	28.97160	.0010279	-.000744	.0026170	-.010608
#3	.0000854	-.000081	29.42762	-.000258	-.000734	.0047441	-.005359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006216	5.191261	.0003676	-.000220	15.53421	.0029968	.0004707
Stddev	.0003230	.061685	.0005271	.000106	.34337	.0029573	.0006114
%RSD	51.95468	1.188241	143.3929	48.31633	2.210387	98.68114	129.8864

#1	.0006551	5.258483	.0009440	-.000334	15.37129	.0022670	.0005417
#2	.0002832	5.137257	-.000090	-.000125	15.30264	.0004728	.0010436
#3	.0009266	5.178044	.000248	-.000200	15.92871	.0062507	-.000173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190312	-.000306	.0575485	.0005080	9.368743	2.515908	-.000197
Stddev	.061810	.001062	.0013870	.0001326	.031306	.030900	.000739
%RSD	5.192733	347.7067	2.410085	26.09557	.3341527	1.228180	375.4218

#1	1.261195	-.000960	.0581437	.0006534	9.402707	2.540968	-.000163
#2	1.147646	-.000877	.0559633	.0003939	9.362481	2.481383	.000525
#3	1.162096	.000920	.0585386	.0004767	9.341042	2.525373	-.000952

Sample Name: K4869-07LX5 Acquired: 09/17/2019 17:11:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E06L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009989	.0157989	.3852498
Stddev	.0001925	.0011950	.0002343
%RSD	19.27165	7.563478	.0608124

#1	.0011091	.0163340	.3854084
#2	.0007767	.0144299	.3849807
#3	.0011110	.0166328	.3853604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.751	2754.231	33113.24	6501.716	2905.073
Stddev	6.818	2.240	254.03	50.444	5.325
%RSD	.4595091	.0813245	.7671497	.7758639	.1833093

#1	1486.953	2753.428	33294.63	6463.302	2908.307
#2	1475.922	2756.762	32822.91	6558.843	2907.986
#3	1488.379	2752.504	33222.19	6483.004	2898.927

Sample Name: CCV068 Acquired: 09/17/2019 17:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.230312	5.079837	25.87459	5.021306	5.152077	415.3439	10.51507
Stddev	.005352	.002948	.00973	.029641	.005401	7.4242	.17836
%RSD	.1023220	.0580236	.0376092	.5903071	.1048351	1.787481	1.696185

#1	5.235334	5.082090	25.86462	5.043947	5.148837	421.5761	10.69811
#2	5.230921	5.076501	25.87509	4.987756	5.149082	417.3258	10.50531
#3	5.224683	5.080920	25.88407	5.032213	5.158312	407.1299	10.34180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5287619	2.566389	428.7383	16.23825	2.629380	15.99238	428.5969
Stddev	.0071341	.002526	7.7901	.02555	.004556	.05680	6.3570
%RSD	1.349214	.0984430	1.816977	.1573333	.1732779	.3551496	1.483222

#1	.5355630	2.569207	436.3717	16.21567	2.625165	16.04952	434.7869
#2	.5293868	2.564326	429.0428	16.23310	2.628763	15.99169	428.9188
#3	.5213359	2.565635	420.8005	16.26598	2.634214	15.93594	422.0850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81335	422.7113	2.630953	1.341994	424.8031	2.641454	15.83696
Stddev	.24194	5.2209	.002471	.004275	6.9036	.032918	.06290
%RSD	1.529946	1.235103	.0939084	.3185587	1.625132	1.246191	.3971460

#1	16.05833	427.9541	2.629116	1.342153	432.1104	2.672541	15.77836
#2	15.80716	422.6674	2.629981	1.346188	423.9085	2.644852	15.90341
#3	15.57457	417.5125	2.633761	1.337642	418.3904	2.606969	15.82912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	160.8201	5.362132	5.258904	5.088634	5.266958	5.192016	5.266040
Stddev	.4749	.011702	.076078	.012212	.026867	.081062	.011321
%RSD	.2953154	.2182351	1.446654	.2399920	.5101119	1.561274	.2149834

#1	161.2113	5.352930	5.330906	5.102380	5.275352	5.268446	5.258543
#2	160.9574	5.358164	5.266489	5.079037	5.236896	5.200596	5.260514
#3	160.2917	5.375303	5.179318	5.084483	5.288626	5.107006	5.279063

Sample Name: CCV068 Acquired: 09/17/2019 17:15:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.302601	5.381603	5.165607
Stddev	.057494	.121962	.059712
%RSD	1.084251	2.266274	1.155953

#1	5.363289	5.494309	5.163203
#2	5.295565	5.398377	5.226485
#3	5.248950	5.252122	5.107134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1235.509	2334.078	29796.83	6194.510	2284.214
Stddev	7.069	3.581	147.13	94.358	2.794
%RSD	.5721248	.1534436	.4937609	1.523248	.1223190

#1	1238.274	2332.986	29879.38	6122.881	2286.568
#2	1227.475	2331.170	29626.96	6159.223	2281.126
#3	1240.776	2338.079	29884.14	6301.425	2284.948

Sample Name: CCB068 Acquired: 09/17/2019 17:19:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010456	-.001729	-.000672	.0036393	.0023072	.0208996	.0005866
Stddev	.0042546	.001262	.001311	.0041497	.0007019	.0083080	.0004611
%RSD	406.9002	72.96508	194.9524	114.0250	30.42038	39.75187	78.61518

#1	.0058686	-.001517	.000839	.0083774	.0028076	.0283176	.0010647
#2	-.000557	-.003083	-.001364	.0006515	.0026092	.0224585	.0001446
#3	-.002175	-.000587	-.001492	.0018889	.0015049	.0119226	.0005504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000084	.0000158	.0313788	.0001201	.0002410	.0005676	.0274555
Stddev	.0000775	.0000795	.0117600	.0005147	.0001744	.0013385	.0036376
%RSD	921.9976	501.9282	37.47764	428.4085	72.35086	235.8124	13.24896

#1	.0000259	.0000968	.0423020	.0007073	.0003689	.0009026	.0316274
#2	-.000076	.0000128	.0329038	-.000094	.0000424	.0017069	.0257916
#3	.000076	-.000062	.0189307	-.000253	.0003117	-.000907	.0249475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010165	.0216944	-.000292	.0000502	-.450388	-.001145	-.003235
Stddev	.0001217	.0385349	.000561	.0003149	.175654	.000800	.000305
%RSD	11.96943	177.6259	191.7982	627.7039	39.00072	69.81158	9.418952

#1	.0010945	-.018477	-.000858	-.000264	-.319563	-.001458	-.003567
#2	.0008763	.058353	-.000284	.000366	-.650032	-.000237	-.003168
#3	.0010787	.025207	.000264	.000049	-.381568	-.001741	-.002969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020245	-.001801	.0091656	.0005914	.0001000	.0005699	.0018810
Stddev	.0768216	.003739	.0018762	.0001951	.0021534	.0002248	.0014174
%RSD	38.02590	207.5699	20.47010	32.98588	2154.322	39.45317	75.35235

#1	.1646055	-.000247	.0113309	.0006396	.0013667	.0007415	.0022068
#2	.1510819	.000910	.0081434	.0007578	-.002386	.0006527	.0003291
#3	.2903862	-.006066	.0080225	.0003767	.001320	.0003154	.0031071

Sample Name: CCB068 Acquired: 09/17/2019 17:19:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021418	.0040411	.0003493
Stddev	.0010448	.0011001	.0000561
%RSD	48.77931	27.22326	16.06775

#1	.0028413	.0052626	.0003948
#2	.0026433	.0031284	.0003664
#3	.0009409	.0037323	.0002866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.642	2782.034	32923.64	6485.161	2912.283
Stddev	11.204	4.176	197.42	20.356	3.033
%RSD	.7531533	.1501142	.5996432	.3138841	.1041426

#1	1475.371	2782.778	32698.18	6508.574	2913.166
#2	1497.328	2785.787	33007.19	6475.249	2914.777
#3	1490.227	2777.535	33065.56	6471.659	2908.907

Sample Name: K4869-10 Acquired: 09/17/2019 17:23:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MF2E07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043427	-.000637	.0052294	.0040866	-.001830	-.036311	.0449514
Stddev	.0041458	.003436	.0004499	.0018414	.001499	.007073	.0002542
%RSD	95.46707	539.4408	8.603974	45.06121	81.93119	19.47929	.5655445

#1	.0071983	-.001632	.0054518	.0061990	-.003544	-.035777	.0447962
#2	-.000413	.003187	.0047116	.0028204	-.000767	-.043635	.0448133
#3	.006242	-.003466	.0055248	.0032403	-.001178	-.029519	.0452448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000637	.0000416	144.9718	.0012745	-.001320	.0058658	-.053293
Stddev	.0000037	.0000472	.8326	.0004254	.000022	.0017038	.004662
%RSD	5.728502	113.4778	.5742997	33.37651	1.683267	29.04544	8.747675

#1	.0000673	.0000129	145.1331	.0017203	-.001298	.0077383	-.049319
#2	.0000637	.0000158	144.0703	.0008730	-.001320	.0044069	-.058425
#3	.0000600	.0000960	145.7119	.0012303	-.001343	.0054522	-.052136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024041	25.62634	.0009427	-.000166	75.73983	.0072741	.0207948
Stddev	.0002018	.09214	.0001707	.000363	.37714	.0022264	.0004743
%RSD	8.392543	.3595421	18.10723	218.1621	.4979386	30.60676	2.281042

#1	.0025622	25.67176	.0010879	-.000297	75.32530	.0047160	.0208576
#2	.0024733	25.52031	.0007547	-.000445	75.83154	.0083318	.0202922
#3	.0021768	25.68694	.0009856	.000244	76.06266	.0087744	.0212346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.702362	.0026011	.2886844	.0022325	47.81084	12.44889	-.003262
Stddev	.055245	.0015426	.0016313	.0001794	.16612	.09416	.000795
%RSD	.9688011	59.30546	.5650893	8.037908	.3474549	.7563448	24.36975

#1	5.647836	.0042045	.2883650	.0023034	47.99936	12.40550	-.003712
#2	5.758298	.0024712	.2872364	.0020284	47.68588	12.38425	-.002344
#3	5.700954	.0011276	.2904519	.0023656	47.74729	12.55691	-.003730

Sample Name: K4869-10 Acquired: 09/17/2019 17:23:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MF2E07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001121	.0581931	1.902212
Stddev	.001054	.0011178	.003783
%RSD	94.06424	1.920785	.1988772

#1	.000074	.0571760	1.901289
#2	-.001517	.0593898	1.906371
#3	-.001920	.0580135	1.898975

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.526	2825.258	33685.16	6656.814	2918.290
Stddev	3.835	3.025	4.06	38.835	2.491
%RSD	.2535784	.1070532	.0120471	.5833897	.0853500

#1	1515.036	2828.049	33680.67	6676.718	2921.151
#2	1508.111	2825.681	33686.24	6681.662	2916.607
#3	1514.431	2822.044	33688.57	6612.062	2917.111

Sample Name: K4649-04 Acquired: 09/17/2019 17:31:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.092051	.1319737	F 755.2191	.0454970	.0860750	56.04479
Stddev	.016997	.0030648	1.7542	.0017883	.0013924	.18395
%RSD	.3337997	2.322295	.2322821	3.930545	1.617649	.3282197

#1	5.083228	.1343642	753.3795	.0471587	.0846799	55.84432
#2	5.081279	.1285185	755.4047	.0457278	.0874646	56.20582
#3	5.111645	.1330383	756.8732	.0436046	.0860806	56.08424

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8912501	-.002054	.2515305	48.65614	.0094336	.0348518
Stddev	.0050027	.000113	.0008029	.23437	.0005161	.0002564
%RSD	.5613151	5.484457	.3192061	.4816816	5.471069	.7356023

#1	.8862168	-.002134	.2519113	48.47126	.0093701	.0349614
#2	.8962217	-.001925	.2506080	48.91973	.0089521	.0345588
#3	.8913118	-.002102	.2520721	48.57742	.0099785	.0350351

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.21425	213.7448	F 172.5481	15.89514	.0463899	2.064296
Stddev	.03298	.7554	1.5513	.11402	.0010866	.003627
%RSD	.2940642	.3534239	.8990295	.7173025	2.342253	.1757178

#1	11.17718	212.8926	171.6526	15.81313	.0455714	2.060194
#2	11.24030	214.3320	174.3393	16.02534	.0459757	2.067082
#3	11.22528	214.0098	171.6524	15.84696	.0476227	2.065612

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.505310	.4906610	F 117.9212	14.22539	9.628955	.0367734
Stddev	.090885	.0064470	.8839	.03113	.054165	.0059034
%RSD	1.650855	1.313940	.7496105	.2188195	.5625251	16.05341

#1	5.426101	.4846472	117.0526	14.19530	9.619148	.0321816
#2	5.604534	.4974678	117.8913	14.25746	9.580364	.0347063
#3	5.485295	.4898681	118.8198	14.22343	9.687354	.0434324

Sample Name: K4649-04 Acquired: 09/17/2019 17:31:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5167D Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.117168	F 128.9252	11.40997	.0483278	1.026002	.0452578
Stddev	.003236	.8872	.13478	.0003882	.003680	.0005103
%RSD	.2896380	.6881500	1.181286	.8033318	.3587135	1.127459

#1	1.116701	128.7479	11.48075	.0483012	1.022496	.0446925
#2	1.114192	128.1401	11.49463	.0487287	1.029835	.0453964
#3	1.120613	129.8877	11.25454	.0479536	1.025676	.0456844

Elem	Sr4077
Units	ppm
Avg	.8366498
Stddev	.0008159
%RSD	.0975184

#1	.8361173
#2	.8375891
#3	.8362430

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.430	3558.538	43749.11	8526.332	2713.579
Stddev	5.108	10.162	158.76	83.288	7.187
%RSD	.2677823	.2855587	.3628831	.9768371	.2648450

#1	1913.322	3546.865	43796.37	8484.625	2705.338
#2	1904.270	3563.337	43878.88	8472.136	2716.853
#3	1904.696	3565.410	43572.09	8622.234	2718.545

Sample Name: K4649-01 Acquired: 09/17/2019 17:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.000502	.1301768	F 753.1855	.0408635	.0889808	55.64430
Stddev	.019988	.0069487	2.2436	.0032015	.0025461	.11573
%RSD	.3997133	5.337876	.2978849	7.834496	2.861358	.2079873

#1	4.983450	.1353892	755.7644	.0374336	.0875825	55.61155
#2	4.995558	.1222879	751.6818	.0413843	.0919196	55.54847
#3	5.022498	.1328534	752.1103	.0437726	.0874404	55.77288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8824082	-.001774	.2507005	48.37943	.0094477	.0345261
Stddev	.0015700	.000049	.0009191	.05334	.0006715	.0002508
%RSD	.1779205	2.744052	.3666106	.1102435	7.107473	.7263384

#1	.8811796	-.001809	.2513173	48.35598	.0101049	.0346650
#2	.8818681	-.001718	.2496442	48.34184	.0087628	.0346767
#3	.8841770	-.001794	.2511401	48.44047	.0094755	.0342366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96809	211.7927	F 170.0889	15.72466	.0465467	2.057899
Stddev	.01380	.4955	.0780	.07363	.0002326	.017301
%RSD	.1258303	.2339696	.0458491	.4682333	.4997675	.8406955

#1	10.96986	211.8117	170.1389	15.71806	.0462863	2.040513
#2	10.95348	211.2879	169.9990	15.65455	.0466198	2.075113
#3	10.98091	212.2784	170.1287	15.80137	.0467340	2.058069

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.408611	.4845306	F 118.8896	14.08877	9.606593	.0403281
Stddev	.179891	.0092905	.2523	.04620	.022235	.0032609
%RSD	3.326019	1.917431	.2122396	.3279070	.2314546	8.086044

#1	5.418279	.4867772	118.9933	14.12593	9.626164	.0366551
#2	5.583473	.4743228	118.6020	14.03704	9.582416	.0414465
#3	5.224080	.4924919	119.0736	14.10332	9.611199	.0428827

Sample Name: K4649-01 Acquired: 09/17/2019 17:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.113055	F 128.3822	11.06070	.0480308	1.020672	.0450400
Stddev	.005558	.4310	.03533	.0027131	.003009	.0013962
%RSD	.4993159	.3357251	.3194105	5.648734	.2947739	3.099801
#1	1.114047	128.2531	11.09974	.0505354	1.019636	.0437213
#2	1.107068	128.0304	11.03095	.0451487	1.018319	.0448962
#3	1.118049	128.8630	11.05140	.0484083	1.024063	.0465024

Elem	Sr4077
Units	ppm
Avg	.8287999
Stddev	.0007740
%RSD	.0933836
#1	.8286504
#2	.8296377
#3	.8281116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.970	3536.060	43629.36	8581.559	2698.057
Stddev	9.704	13.725	227.56	64.570	9.209
%RSD	.5129030	.3881322	.5215792	.7524279	.3413229
#1	1889.474	3525.917	43667.02	8535.435	2688.496
#2	1883.758	3551.677	43385.32	8553.889	2706.868
#3	1902.678	3530.586	43835.74	8655.353	2698.807

Sample Name: K4649-05 Acquired: 09/17/2019 17:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.138804	.2507790	F 744.0244	.1276211	.2620022	58.57324
Stddev	.016396	.0051527	3.5003	.0031850	.0015786	.02900
%RSD	.3190702	2.054672	.4704591	2.495628	.6025310	.0495042

#1	5.132052	.2470418	746.8128	.1259805	.2609150	58.57166
#2	5.126862	.2486382	745.1640	.1312919	.2638129	58.60300
#3	5.157499	.2566570	740.0962	.1255910	.2612787	58.54507

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.650643	.0853687	.3624805	47.39311	.3827034	1.228409
Stddev	.010024	.0004901	.0003756	.09027	.0015870	.004922
%RSD	.2155317	.5741340	.1036164	.1904764	.4146931	.4006458

#1	4.643821	.0851782	.3620559	47.29290	.3815282	1.223257
#2	4.645956	.0850025	.3626164	47.41838	.3845087	1.228909
#3	4.662151	.0859255	.3627692	47.46806	.3820732	1.233062

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.54079	210.3540	F 170.7596	15.61631	1.245424	2.121293
Stddev	.02258	.3227	1.6538	.01661	.004190	.022724
%RSD	.1956812	.1534160	.9684721	.1063578	.3364546	1.071223

#1	11.56592	210.0565	172.3152	15.61155	1.241882	2.101244
#2	11.53427	210.6971	169.0227	15.63478	1.244339	2.116659
#3	11.52218	210.3085	170.9409	15.60260	1.250050	2.145977

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191488	1.413174	F 118.1583	14.01145	9.427339	.0383717
Stddev	.104759	.005409	.7104	.05864	.053463	.0029049
%RSD	2.017892	.3827854	.6012220	.4184915	.5671110	7.570547

#1	5.168135	1.410378	117.7303	13.99438	9.479845	.0378430
#2	5.305953	1.419409	118.9783	14.07672	9.429205	.0415047
#3	5.100377	1.409734	117.7663	13.96324	9.372967	.0357674

Sample Name: K4649-05 Acquired: 09/17/2019 17:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.091530	F 124.9003	11.26264	.0470421	1.010328	.0425692
Stddev	.000807	.4859	.07157	.0026015	.001336	.0009699
%RSD	.0739308	.3890259	.6354571	5.530189	.1322668	2.278361

#1	1.090980	125.4444	11.26785	.0441065	1.009148	.0429695
#2	1.092456	124.7468	11.18861	.0490617	1.011779	.0432748
#3	1.091153	124.5097	11.33146	.0479581	1.010058	.0414632

Elem	Sr4077
Units	ppm
Avg	.8241207
Stddev	.0019853
%RSD	.2408987

#1	.8252176
#2	.8253156
#3	.8218290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.253	3505.752	43584.40	8559.958	2696.142
Stddev	6.906	6.908	143.98	42.873	7.140
%RSD	.3647444	.1970425	.3303491	.5008546	.2648405

#1	1900.746	3510.570	43675.57	8571.116	2700.386
#2	1887.145	3497.837	43418.42	8596.149	2687.898
#3	1891.867	3508.848	43659.23	8512.610	2700.141

Sample Name: K4649-01LX5 Acquired: 09/17/2019 17:40:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.321476	.0204701	F 163.2188	.0076410	.0184845	13.59921
Stddev	.002403	.0030848	.2780	.0005078	.0017566	.02585
%RSD	.1818682	15.06967	.1703388	6.645585	9.502821	.1900862

#1	1.322416	.0239658	163.3323	.0081803	.0191107	13.58855
#2	1.323266	.0181298	162.9020	.0075706	.0165006	13.62868
#3	1.318744	.0193148	163.4221	.0071721	.0198421	13.58039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2143450	-.000431	.0498159	11.89894	.0018945	.0064647
Stddev	.0013005	.000048	.0001078	.10631	.0004326	.0002017
%RSD	.6067077	11.25146	.2163137	.8934098	22.83342	3.119886

#1	.2135258	-.000431	.0496986	11.90659	.0023792	.0064421
#2	.2158445	-.000479	.0498388	12.00121	.0017566	.0066768
#3	.2136648	-.000382	.0499104	11.78901	.0015477	.0062753

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.818433	52.18697	F 45.91575	3.959687	.0089867	.5449895
Stddev	.002524	.28535	.24067	.041885	.0002399	.0012593
%RSD	.0895368	.5467828	.5241510	1.057778	2.669758	.2310600

#1	2.817654	52.13553	45.79050	3.918038	.0091091	.5449126
#2	2.821254	52.49454	46.19321	4.001804	.0091406	.5437705
#3	2.816391	51.93084	45.76353	3.959221	.0087102	.5462854

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.254132	.1351519	F 42.15808	3.374147	1.901789	.0062786
Stddev	.118878	.0038270	.25635	.083356	.007047	.0004562
%RSD	9.478927	2.831627	.6080642	2.470433	.3705451	7.266575

#1	1.190347	.1308367	41.92190	3.460845	1.893654	.0064156
#2	1.180760	.1364849	42.12164	3.367002	1.905725	.0066507
#3	1.391289	.1381341	42.43070	3.294593	1.905989	.0057696

Sample Name: K4649-01LX5 Acquired: 09/17/2019 17:40:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2691808	25.24319	2.905765	.0094858	.2515032	.0114106
Stddev	.0003610	.02348	.019506	.0002773	.0009775	.0015565
%RSD	.1341256	.0929991	.6712830	2.923697	.3886792	13.64105
#1	.2688948	25.24845	2.918690	.0093870	.2513050	.0096134
#2	.2695865	25.21753	2.915278	.0092715	.2525647	.0122900
#3	.2690612	25.26358	2.883328	.0097991	.2506400	.0123284

Elem	Sr4077
Units	ppm
Avg	.2018495
Stddev	.0003448
%RSD	.1708089
#1	.2020809
#2	.2020142
#3	.2014532

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.150	2926.835	35178.66	6916.575	2836.322
Stddev	7.027	.753	108.38	68.936	6.581
%RSD	.4478138	.0257105	.3080819	.9966843	.2320113
#1	1572.464	2927.022	35281.34	6899.294	2831.078
#2	1561.079	2926.007	35065.37	6857.923	2843.707
#3	1573.907	2927.477	35189.28	6992.508	2834.182

Sample Name: K4649-09 Acquired: 09/17/2019 17:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1629730	.1347341	.0433548	.0238916	-.005474	.2623769
Stddev	.0050284	.0031278	.0012990	.0033346	.000959	.0141557
%RSD	3.085414	2.321433	2.996174	13.95721	17.51235	5.395178

#1	.1682374	.1382715	.0422873	.0202711	-.006390	.2504375
#2	.1582196	.1335961	.0448011	.0245668	-.005554	.2586785
#3	.1624621	.1323346	.0429761	.0268369	-.004478	.2780147

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093215	-.012051	.7687080	376.8104	-.016649	.9884605
Stddev	.0002251	.000091	.0005670	1.6652	.001011	.0009538
%RSD	2.414747	.7579839	.0737589	.4419290	6.074213	.0964974

#1	.0092320	-.012082	.7690562	377.7748	-.016208	.9894363
#2	.0095776	-.012122	.7680537	377.7687	-.015934	.9875303
#3	.0091549	-.011948	.7690141	374.8875	-.017806	.9884149

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1447162	2.025369	F 199.3313	153.3950	.2885402	.0161366
Stddev	.0012725	.007685	1.3914	.4748	.0009097	.0006272
%RSD	.8792899	.3794590	.6980177	.3095360	.3152845	3.886921

#1	.1447598	2.033533	197.7847	153.8734	.2881649	.0154152
#2	.1459663	2.024299	200.4813	153.3880	.2878783	.0164416
#3	.1434225	2.018274	199.7279	152.9238	.2895776	.0165530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.3063	.0530761	F 60.42335	11.20793	-.038439	.0511701
Stddev	.1645	.0055209	.11361	.03523	.005901	.0004109
%RSD	.1608383	10.40177	.1880255	.3143351	15.35286	.8030290

#1	102.1565	.0487039	60.53742	11.17123	-.040569	.0509608
#2	102.4824	.0512444	60.31020	11.21111	-.031768	.0509061
#3	102.2800	.0592800	60.42242	11.24147	-.042980	.0516436

Sample Name: K4649-09 Acquired: 09/17/2019 17:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008967	F 740.5201	6.061963	-.006785	-.006776	.0711404
Stddev	.000269	1.4484	.027866	.000804	.000745	.0021027
%RSD	2.994100	.1955907	.4596830	11.84536	11.00097	2.955637
#1	-.008671	742.0680	6.059480	-.007014	-.007573	.0694219
#2	-.009193	740.2946	6.090987	-.007450	-.006660	.0734850
#3	-.009039	739.1976	6.035422	-.005892	-.006096	.0705144

Elem	Sr4077
Units	ppm
Avg	1.190781
Stddev	.002272
%RSD	.1908273
#1	1.188198
#2	1.191676
#3	1.192470

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.906	3138.063	37875.43	7683.284	2681.904
Stddev	2.741	6.103	123.53	33.413	4.335
%RSD	.1615292	.1944738	.3261374	.4348764	.1616215
#1	1698.876	3144.856	37995.49	7690.459	2686.904
#2	1693.776	3133.043	37748.71	7646.867	2679.611
#3	1698.067	3136.290	37882.09	7712.527	2679.198

Sample Name: K4649-06 Acquired: 09/17/2019 17:44:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1540509	.1395252	.0551741	.0242271	-.004928	.2413005
Stddev	.0038284	.0057373	.0024932	.0023884	.001902	.0082504
%RSD	2.485129	4.111985	4.518737	9.858210	38.59222	3.419137

#1	.1497810	.1432517	.0566055	.0265591	-.006852	.2455367
#2	.1551947	.1329184	.0566215	.0217861	-.004884	.2317925
#3	.1571770	.1424055	.0522952	.0243361	-.003049	.2465722

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091058	-.012062	.7618654	376.0328	-.018130	.9856839
Stddev	.0004221	.000214	.0017196	1.9797	.000710	.0011003
%RSD	4.635810	1.772374	.2257022	.5264698	3.917539	.1116302

#1	.0087650	-.011918	.7637480	375.4425	-.017604	.9857355
#2	.0089744	-.012307	.7603775	378.2405	-.017847	.9867575
#3	.0095780	-.011960	.7614708	374.4153	-.018938	.9845586

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1396504	1.758651	F 198.5053	153.5189	.2872225	.0153193
Stddev	.0003366	.022138	1.9598	.9320	.0002716	.0003828
%RSD	.2409918	1.258834	.9872740	.6070598	.0945526	2.498877

#1	.1392806	1.775031	196.3343	153.4346	.2875160	.0156036
#2	.1397320	1.767458	200.1437	154.4901	.2869800	.0148840
#3	.1399387	1.733464	199.0379	152.6319	.2871716	.0154703

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.2919	.0516887	F 59.78854	11.20555	-.037082	.0505078
Stddev	.5448	.0054700	.51504	.07269	.003052	.0013499
%RSD	.5378025	10.58266	.8614409	.6487035	8.230275	2.672712

#1	100.9704	.0568802	60.33818	11.20325	-.040323	.0508721
#2	101.9208	.0522088	59.31703	11.27937	-.034263	.0516383
#3	100.9843	.0459772	59.71041	11.13404	-.036660	.0490132

Sample Name: K4649-06 Acquired: 09/17/2019 17:44:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008184	F 730.3285	6.093287	-.007582	-.006323	.0712944
Stddev	.000523	1.4202	.064753	.001268	.000608	.0004500
%RSD	6.394588	.1944588	1.062699	16.72365	9.620934	.6312032
#1	-.008328	731.6316	6.041576	-.009023	-.005621	.0709663
#2	-.007604	730.5392	6.165913	-.006638	-.006706	.0711094
#3	-.008620	728.8148	6.072372	-.007085	-.006641	.0718074

Elem	Sr4077
Units	ppm
Avg	1.180904
Stddev	.002689
%RSD	.2277089
#1	1.177907
#2	1.183107
#3	1.181697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.786	3174.415	38100.84	7676.314	2712.843
Stddev	13.308	4.584	247.39	43.139	6.864
%RSD	.7760721	.1444074	.6493122	.5619742	.2530216
#1	1711.361	3171.616	38120.90	7724.070	2705.168
#2	1729.471	3179.706	38337.59	7640.169	2718.394
#3	1703.525	3171.925	37844.03	7664.703	2714.968

Sample Name: K4649-10 Acquired: 09/17/2019 17:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2061936	.1907257	.0674180	.0752891	.0800953	2.275682
Stddev	.0050276	.0016653	.0026474	.0006636	.0005387	.002636
%RSD	2.438279	.8731411	3.926853	.8814536	.6726330	.1158289

#1	.2017799	.1892164	.0650944	.0752846	.0794765	2.273223
#2	.2116663	.1925123	.0668596	.0746277	.0803498	2.278465
#3	.2051346	.1904485	.0703002	.0759550	.0804597	2.275358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.210928	.0411671	.8249735	374.3230	.2008893	1.596349
Stddev	.002298	.0004996	.0025951	.7197	.0009926	.004931
%RSD	.1039512	1.213543	.3145632	.1922647	.4941081	.3088959

#1	2.210254	.0416865	.8227158	374.7460	.1998470	1.591287
#2	2.213488	.0411248	.8243961	374.7310	.2018233	1.596624
#3	2.209043	.0406901	.8278087	373.4920	.2009977	1.601137

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3614465	3.078662	F 199.8181	152.3523	.9085782	.0706113
Stddev	.0037965	.012769	1.6287	.3027	.0042546	.0002856
%RSD	1.050362	.4147483	.8150915	.1986644	.4682761	.4044116

#1	.3571978	3.070259	201.6452	152.3466	.9036955	.0703695
#2	.3645062	3.072372	198.5186	152.6578	.9114899	.0709263
#3	.3626355	3.093356	199.2905	152.0525	.9105492	.0705380

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.5324	.6131443	F 59.91967	11.10455	-.031218	.0514289
Stddev	.2674	.0023985	.39438	.06387	.001308	.0001445
%RSD	.2633160	.3911760	.6581844	.5751988	4.190822	.2810502

#1	101.4701	.6130262	59.57721	11.17599	-.031139	.0514004
#2	101.8254	.6108070	59.83095	11.08469	-.029952	.0513007
#3	101.3017	.6155996	60.35086	11.05296	-.032565	.0515856

Sample Name: K4649-10 Acquired: 09/17/2019 17:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008703	F 734.8133	6.051644	-.005562	-.006647	.0712607
Stddev	.000205	1.1114	.048141	.001974	.000351	.0014268
%RSD	2.353711	.1512474	.7955026	35.49536	5.277485	2.002219

#1	-.008792	733.7985	6.091587	-.006269	-.006569	.0728982
#2	-.008849	734.6404	6.065154	-.003332	-.007030	.0705990
#3	-.008469	736.0010	5.998192	-.007085	-.006342	.0702848

Elem	Sr4077
Units	ppm
Avg	1.182262
Stddev	.001656
%RSD	.1400881

#1	1.183687
#2	1.180445
#3	1.182655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.369	3107.012	37520.89	7520.296	2657.516
Stddev	2.009	6.904	82.21	61.286	5.131
%RSD	.1195671	.2222031	.2190921	.8149359	.1930786

#1	1678.609	3109.716	37615.08	7463.461	2660.650
#2	1682.558	3112.156	37483.99	7512.200	2660.304
#3	1679.941	3099.166	37463.59	7585.227	2651.595

Sample Name: K4649-06LX5 Acquired: 09/17/2019 17:56:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5169L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0326169	.0153878	.0341564	.0062743	-.004834	.0655454
Stddev	.0049967	.0032218	.0022368	.0038915	.001837	.0097063
%RSD	15.31945	20.93711	6.548614	62.02183	37.99283	14.80845

#1	.0290040	.0158646	.0367313	.0053637	-.004986	.0545904
#2	.0383192	.0119542	.0330437	.0029190	-.002926	.0730728
#3	.0305275	.0183446	.0326942	.0105404	-.006590	.0689730

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018844	-.002883	.1557184	85.98030	-.004998	.1956737
Stddev	.0005757	.000048	.0001670	.03307	.000799	.0007039
%RSD	30.54817	1.653523	.1072693	.0384600	15.97678	.3597334

#1	.0022924	-.002833	.1558991	85.94216	-.004079	.1955041
#2	.0021349	-.002888	.1556863	85.99778	-.005396	.1950700
#3	.0012260	-.002927	.1555697	86.00096	-.005520	.1964469

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361173	.4605748	F 50.11637	34.60053	.0577314	.0096404
Stddev	.0025439	.0028174	.38653	.09858	.0002498	.0003752
%RSD	7.043544	.6117026	.7712677	.2848970	.4326405	3.891822

#1	.0347833	.4573594	50.34755	34.60746	.0577068	.0098528
#2	.0390508	.4626108	50.33141	34.49866	.0579926	.0098611
#3	.0345178	.4617542	49.67014	34.69545	.0574949	.0092072

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.86351	.0338723	16.38384	2.436400	-.003326	.0104055
Stddev	.15130	.0026989	.05630	.026728	.002380	.0009687
%RSD	.6617629	7.967732	.3436204	1.097040	71.56787	9.309076

#1	22.95665	.0309482	16.32065	2.444369	-.005839	.0094156
#2	22.94495	.0362676	16.40221	2.458237	-.003033	.0104493
#3	22.68893	.0344011	16.42866	2.406593	-.001106	.0113515

Sample Name: K4649-06LX5 Acquired: 09/17/2019 17:56:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002129	F 146.1013	1.380850	-.002582	-.001796	.0214648
Stddev	.000236	.4969	.011564	.000641	.000258	.0009075
%RSD	11.10680	.3401257	.8374443	24.82166	14.35798	4.227845

#1	-.001858	146.6418	1.393844	-.003288	-.002064	.0206851
#2	-.002238	145.9979	1.377017	-.002037	-.001550	.0212484
#3	-.002292	145.6642	1.371690	-.002420	-.001773	.0224610

Elem	Sr4077
Units	ppm
Avg	.2677489
Stddev	.0003354
%RSD	.1252505

#1	.2679539
#2	.2679308
#3	.2673619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.596	2784.042	33279.65	6584.955	2813.413
Stddev	4.852	2.425	78.19	28.191	4.472
%RSD	.3254885	.0871185	.2349529	.4281054	.1589656

#1	1493.964	2782.924	33365.60	6558.780	2809.353
#2	1492.789	2786.824	33260.64	6614.802	2818.207
#3	1485.035	2782.377	33212.72	6581.284	2812.679

Sample Name: K4649-01DLX20 Acquired: 09/17/2019 18:00:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3712997	.0004946	43.36490	-.001202	.0053313	3.785828	.0605171
Stddev	.0009565	.0007886	.04516	.001845	.0031178	.010206	.0006733
%RSD	.2576057	159.4358	.1041391	153.4378	58.48197	.2695906	1.112641

#1	.3718850	.0009575	43.41491	-.002986	.0080721	3.780754	.0612554
#2	.3701959	-.000416	43.32709	.000698	.0019393	3.797576	.0603593
#3	.3718182	.000942	43.35270	-.001318	.0059823	3.779152	.0599367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000135	.0133577	3.368415	-.000087	.0017510	.7760211	14.82610
Stddev	.000039	.0000626	.022725	.000187	.0000731	.0061398	.04337
%RSD	28.78860	.4688776	.6746410	215.7623	4.175869	.7911833	.2925465

#1	-.000173	.0133888	3.352950	.000120	.0018342	.7795575	14.79917
#2	-.000096	.0132856	3.394506	-.000244	.0016969	.7795743	14.87613
#3	-.000135	.0133987	3.357790	-.000136	.0017219	.7689316	14.80299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.86226	1.099838	.0020082	.1462955	.2695186	.0409364	13.38613
Stddev	.06154	.021500	.0003239	.0003854	.1159879	.0009416	.14354
%RSD	.4784538	1.954812	16.12876	.2634098	43.03521	2.300161	1.072303

#1	12.83297	1.075438	.0019155	.1458996	.3346345	.0419074	13.25785
#2	12.93298	1.116004	.0023684	.1463175	.3383171	.0400273	13.35938
#3	12.82084	1.108071	.0017408	.1466694	.1356042	.0408744	13.54116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8784380	.5042998	.0002686	.0750053	6.726612	.7968789	.0039121
Stddev	.0164602	.0069713	.0008576	.0001099	.031382	.0136474	.0007198
%RSD	1.873802	1.382378	319.3452	.1465355	.4665336	1.712605	18.39980

#1	.8598094	.5040506	.0001154	.0748825	6.762811	.8062371	.0041632
#2	.8844858	.4974564	.0011924	.0750390	6.707080	.8031802	.0031004
#3	.8910188	.5113924	-.000502	.0750945	6.709944	.7812194	.0044727

Sample Name: K4649-01DLX20 Acquired: 09/17/2019 18:00:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0699757	.0032701	.0562432
Stddev	.0004984	.0008235	.0003026
%RSD	.7122623	25.18328	.5379489

#1	.0694218	.0028393	.0564933
#2	.0701172	.0042197	.0563296
#3	.0703880	.0027514	.0559069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.739	2804.458	33567.35	6546.423	2860.058
Stddev	4.082	3.317	309.06	65.727	3.964
%RSD	.2699999	.1182709	.9207131	1.004015	.1386014

#1	1515.893	2808.282	33820.96	6524.370	2856.003
#2	1511.591	2802.722	33657.97	6494.559	2860.247
#3	1507.734	2802.370	33223.11	6620.341	2863.924

Sample Name: K4649-04DLX20 Acquired: 09/17/2019 18:04:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3776500	-.000470	43.82048	.0009631	.0034172	3.817015	.0603529
Stddev	.0103701	.002029	.03481	.0018609	.0033125	.007279	.0002287
%RSD	2.745960	431.4300	.0794346	193.2169	96.93509	.1907056	.3788641

#1	.3697125	-.002751	43.78136	.0006374	.0012730	3.816224	.0603670
#2	.3738543	.000206	43.84802	-.000713	.0072323	3.810163	.0601175
#3	.3893832	.001134	43.83207	.002965	.0017463	3.824657	.0605742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	.0135238	3.383548	-.000196	.0017750	.7851154	14.94348
Stddev	.000095	.0000183	.024233	.000589	.0001509	.0007160	.11422
%RSD	80.50431	.1353651	.7162038	299.5736	8.501365	.0912021	.7643572

#1	-.000054	.0135382	3.366017	-.000331	.0017505	.7854846	14.85506
#2	-.000228	.0135032	3.373427	.000448	.0019367	.7842901	14.90294
#3	-.000073	.0135301	3.411201	-.000706	.0016379	.7855715	15.07244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.92509	1.142001	.0022041	.1453218	.1251435	.0408366	13.63301
Stddev	.07847	.022396	.0002595	.0006728	.4207208	.0013539	.08249
%RSD	.6071425	1.961106	11.77556	.4629902	336.1908	3.315470	.6050570

#1	12.84585	1.144214	.0019457	.1460677	-.106161	.0423871	13.58406
#2	12.92665	1.163207	.0022018	.1447605	.610768	.0402348	13.72825
#3	13.00277	1.118580	.0024648	.1451373	-.129177	.0398880	13.58672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8912198	.5087172	.0001951	.0767254	6.815577	.7950596	.0040943
Stddev	.0715275	.0012319	.0015121	.0005272	.021744	.0097728	.0008835
%RSD	8.025797	.2421492	775.1422	.6871473	.3190354	1.229196	21.57979

#1	.9100572	.5084944	.0018746	.0770923	6.790805	.7862538	.0048851
#2	.9514434	.5076120	-.000231	.0761212	6.831509	.7933508	.0031407
#3	.8121588	.5100453	-.001058	.0769627	6.824417	.8055741	.0042572

Sample Name: K4649-04DLX20 Acquired: 09/17/2019 18:04:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0715546	.0025095	.0568838
Stddev	.0006084	.0011823	.0002213
%RSD	.8501884	47.11261	.3890361

#1	.0713990	.0028691	.0567314
#2	.0710392	.0011892	.0567824
#3	.0722257	.0034704	.0571377

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.194	2813.874	33632.65	6643.062	2872.569
Stddev	7.662	4.138	129.45	30.700	2.019
%RSD	.5053695	.1470738	.3849042	.4621385	.0702944

#1	1512.033	2809.599	33519.98	6654.337	2870.786
#2	1511.513	2814.164	33603.92	6666.530	2872.159
#3	1525.037	2817.861	33774.06	6608.318	2874.762

Sample Name: K4649-05DLX20 Acquired: 09/17/2019 18:08:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3648999	.0073138	41.81298	.0047683	.0137806	3.865753	.3048827
Stddev	.0020771	.0007168	.11932	.0004933	.0016697	.022550	.0016857
%RSD	.5692169	9.800068	.2853734	10.34464	12.11596	.5833253	.5529139

#1	.3669344	.0072445	41.69784	.0042297	.0149341	3.852333	.3033157
#2	.3627827	.0066342	41.80500	.0048773	.0118660	3.853139	.3046661
#3	.3649827	.0080627	41.93609	.0051980	.0145417	3.891787	.3066662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060444	.0191753	3.228641	.0264053	.0627590	.7791071	14.40913
Stddev	.0001250	.0000932	.019139	.0001896	.0003314	.0039024	.01548
%RSD	2.067660	.4858113	.5927970	.7181386	.5280670	.5008825	.1074547

#1	.0059315	.0192070	3.210784	.0266127	.0630083	.7763867	14.41368
#2	.0061787	.0190704	3.226294	.0262408	.0628858	.7773561	14.39188
#3	.0060231	.0192485	3.248846	.0263623	.0623829	.7835783	14.42182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.40726	1.055427	.0653975	.1453481	.3306640	.1026549	13.11039
Stddev	.03672	.024998	.0009166	.0005921	.0599728	.0012715	.03141
%RSD	.2959202	2.368554	1.401579	.4073518	18.13707	1.238617	.2395454

#1	12.38511	1.029672	.0643459	.1459636	.3809811	.1033495	13.14665
#2	12.38703	1.057016	.0660274	.1447826	.2643002	.1011874	13.09235
#3	12.44964	1.079593	.0658191	.1452982	.3467107	.1034277	13.09217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8589719	.4850160	.0002364	.0731766	6.486978	.7730561	.0044660
Stddev	.0145666	.0058177	.0005065	.0006479	.006368	.0034060	.0004816
%RSD	1.695821	1.199486	214.2658	.8853495	.0981709	.4405929	10.78463

#1	.8611209	.4801250	-.000292	.0726315	6.486097	.7695719	.0050170
#2	.8434502	.4914495	.000718	.0730054	6.481096	.7732182	.0041248
#3	.8723447	.4834734	.000283	.0738929	6.493741	.7763782	.0042562

Sample Name: K4649-05DLX20 Acquired: 09/17/2019 18:08:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5167S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0669785	.0029584	.0545224
Stddev	.0009855	.0013910	.0000248
%RSD	1.471341	47.01873	.0454949

#1	.0658630	.0032628	.0545334
#2	.0673412	.0014404	.0545399
#3	.0677312	.0041721	.0544940

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.814	2812.112	33541.01	6597.953	2872.002
Stddev	8.125	5.591	96.35	17.731	2.701
%RSD	.5392113	.1988322	.2872523	.2687401	.0940389

#1	1497.444	2811.369	33434.51	6594.255	2874.969
#2	1511.084	2818.038	33566.41	6617.242	2871.349
#3	1511.913	2806.930	33622.12	6582.363	2869.687

Sample Name: K4649-01LDLX100 Acquired: 09/17/2019 18:12:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746825	-.001062	8.531703	-.000004	.0020597	.7633817	.0123248
Stddev	.0041183	.002608	.013281	.001512	.0013027	.0139332	.0001674
%RSD	5.514404	245.6224	.1556665	39483.56	63.24630	1.825197	1.358114

#1	.0711163	-.004030	8.522181	.001260	.0027144	.7791718	.0122683
#2	.0737411	-.000016	8.546875	.000408	.0005595	.7528145	.0125132
#3	.0791899	.000861	8.526053	-.001679	.0029052	.7581589	.0121931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000254	.0026903	.6899492	-.000286	.0005700	.1587537	3.033767
Stddev	.0001166	.0001122	.0086176	.000929	.0000363	.0010139	.017608
%RSD	459.3950	4.171091	1.249018	324.9023	6.369028	.6386596	.5803946

#1	-.000009	.0025607	.6939111	-.001241	.0005348	.1593579	3.053989
#2	.000155	.0027531	.6958733	-.000230	.0006073	.1593200	3.025487
#3	-.000070	.0027570	.6800631	.000613	.0005678	.1575831	3.021826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.613013	.2312700	.0005234	.0294231	-.001048	.0076587	2.853114
Stddev	.003481	.0215812	.0001179	.0001255	.146061	.0015744	.037084
%RSD	.1332030	9.331598	22.52308	.4265587	13942.43	20.55627	1.299781

#1	2.608994	.2063514	.0005433	.0293408	.131956	.0058480	2.817701
#2	2.615012	.2435125	.0006300	.0293609	.022263	.0084247	2.849972
#3	2.615033	.2439459	.0003968	.0295675	-.157362	.0087036	2.891670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1882371	.1019437	-.001917	.0151364	1.342984	.1626093	.0016790
Stddev	.0392968	.0009922	.000732	.0001087	.006766	.0004399	.0004686
%RSD	20.87623	.9732558	38.17003	.7181854	.5038223	.2705366	27.91171

#1	.1665235	.1017243	-.001206	.0150988	1.336114	.1629532	.0017965
#2	.1645885	.1010796	-.002667	.0150515	1.349642	.1627611	.0011628
#3	.2335994	.1030272	-.001877	.0152589	1.343197	.1621136	.0020777

Sample Name: K4649-01LDLX100 Acquired: 09/17/2019 18:12:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5167L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0148985	.0003903	.0114887
Stddev	.0003212	.0015200	.0000359
%RSD	2.156083	389.4196	.3127020

#1	.0151181	.0012442	.0114533
#2	.0150476	-.001365	.0114877
#3	.0145298	.001291	.0115251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.996	2791.238	33259.39	6465.987	2893.636
Stddev	10.124	4.760	87.90	36.436	4.918
%RSD	.6749457	.1705358	.2642904	.5635096	.1699501

#1	1508.439	2788.922	33191.28	6437.698	2893.893
#2	1502.777	2788.078	33358.62	6453.160	2888.595
#3	1488.772	2796.712	33228.28	6507.102	2898.421

Sample Name: K4649-09DLX10 Acquired: 09/17/2019 18:20:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138133	.0063779	.0103559	.0020443	-.001437	.0313101	.0014351
Stddev	.0033707	.0016535	.0006424	.0001879	.001468	.0057464	.0003815
%RSD	24.40159	25.92521	6.203099	9.192799	102.1933	18.35316	26.58445

#1	.0158496	.0045030	.0110936	.0019042	-.001841	.0257016	.0018098
#2	.0099226	.0070027	.0099198	.0022579	-.002660	.0371851	.0010471
#3	.0156677	.0076278	.0100543	.0019708	.000191	.0310437	.0014486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001483	.0796799	44.81813	-.002632	.0996790	.0176065	.2380017
Stddev	.000052	.0001894	.00776	.000316	.0002836	.0012340	.0043367
%RSD	3.532843	.2376975	.0173118	11.98744	.2845398	7.009003	1.822127

#1	-.001439	.0795671	44.82686	-.002990	.0993918	.0163289	.2412302
#2	-.001541	.0795739	44.81203	-.002516	.0996863	.0187918	.2330724
#3	-.001469	.0798985	44.81549	-.002391	.0999589	.0176989	.2397025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.40277	18.06393	.0296000	.0019149	11.71518	.0162332	8.754137
Stddev	.04593	.06931	.0002698	.0001641	.33103	.0035576	.020432
%RSD	.1739633	.3836699	.9113226	8.571091	2.825648	21.91553	.2334030

#1	26.34975	17.99700	.0296798	.0018580	11.79668	.0181650	8.732225
#2	26.43054	18.05940	.0298208	.0020998	11.99786	.0121276	8.772669
#3	26.42801	18.13539	.0292993	.0017867	11.35102	.0184069	8.757517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.213667	-.001641	.0036675	-.001228	73.15797	.7194677	-.002162
Stddev	.114438	.001847	.0008934	.000445	.07754	.0033448	.000471
%RSD	9.429116	112.5982	24.35937	36.25265	.1059935	.4648941	21.78818

#1	1.341942	.000484	.0026407	-.001696	73.15951	.7233298	-.001619
#2	1.122048	-.002868	.0040954	-.000810	73.23473	.7175594	-.002448
#3	1.177011	-.002538	.0042665	-.001177	73.07966	.7175139	-.002420

Sample Name: K4649-09DLX10 Acquired: 09/17/2019 18:20:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5169D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000600	.0091513	.1391947
Stddev	.000545	.0008910	.0002471
%RSD	90.84397	9.736726	.1775288

#1	-.000146	.0097096	.1392271
#2	-.000449	.0081237	.1389330
#3	-.001205	.0096206	.1394240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.422	2793.276	33312.79	6504.226	2895.043
Stddev	2.100	1.310	50.15	16.598	3.501
%RSD	.1402509	.0468999	.1505541	.2551932	.1209458

#1	1497.102	2792.595	33365.37	6509.476	2897.964
#2	1499.664	2792.447	33307.54	6517.564	2896.003
#3	1495.501	2794.786	33265.48	6485.637	2891.162

Sample Name: K4649-06DLX10 Acquired: 09/17/2019 18:16:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132169	.0058344	.0111189	.0044218	-.004091	.0397870	.0017009
Stddev	.0022076	.0022478	.0009780	.0025786	.001122	.0005844	.0001759
%RSD	16.70272	38.52711	8.795494	58.31528	27.41686	1.468790	10.33944

#1	.0142808	.0044987	.0120126	.0069414	-.005344	.0394333	.0015271
#2	.0106789	.0084296	.0112697	.0045360	-.003182	.0394662	.0016968
#3	.0146911	.0045749	.0100743	.0017880	-.003746	.0404615	.0018788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001473	.0810501	45.29820	-.002999	.1012698	.0181030	.2441243
Stddev	.000079	.0001425	.56686	.000714	.0006489	.0019423	.0066550
%RSD	5.335209	.1758633	1.251389	23.81807	.6407864	10.72939	2.726077

#1	-.001430	.0811674	44.82673	-.003405	.1006844	.0162664	.2364521
#2	-.001426	.0808915	45.14073	-.002174	.1011574	.0179066	.2483375
#3	-.001564	.0810913	45.92715	-.003417	.1019676	.0201361	.2475834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.69751	18.30353	.0303108	.0021433	11.75551	.0172741	8.903899
Stddev	.29777	.20781	.0006008	.0002548	.20944	.0020429	.119487
%RSD	1.115354	1.135368	1.982087	11.88772	1.781611	11.82660	1.341961

#1	26.46413	18.11950	.0308135	.0024241	11.69980	.0150768	9.041526
#2	26.59554	18.26218	.0304736	.0019270	11.57956	.0191161	8.843523
#3	27.03288	18.52891	.0296454	.0020786	11.98717	.0176294	8.826647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.201042	-.002963	.0036607	-.001163	74.59162	.7255519	-.002127
Stddev	.119897	.003903	.0004358	.000236	.33203	.0088200	.001003
%RSD	9.982791	131.7395	11.90588	20.29437	.4451313	1.215619	47.17790

#1	1.169771	.000001	.0041625	-.001329	74.57578	.7161026	-.002932
#2	1.099878	-.001505	.0034423	-.001268	74.26780	.7269865	-.002445
#3	1.333476	-.007385	.0033772	-.000893	74.93129	.7335666	-.001003

Sample Name: K4649-06DLX10 Acquired: 09/17/2019 18:16:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5169 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000496	.0077155	.1414892
Stddev	.000881	.0011964	.0005335
%RSD	177.4584	15.50689	.3770475

#1	-.001278	.0077917	.1408831
#2	-.000668	.0088721	.1418877
#3	.000458	.0064828	.1416968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.388	2799.759	33356.79	6548.128	2894.418
Stddev	19.298	4.200	222.15	79.785	1.797
%RSD	1.287073	.1500202	.6659719	1.218439	.0620863

#1	1477.510	2794.919	33164.54	6599.852	2892.503
#2	1513.993	2802.451	33599.98	6588.289	2896.067
#3	1506.661	2801.906	33305.85	6456.242	2894.683

Sample Name: K4649-10DLX10 Acquired: 09/17/2019 18:24:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A5169S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186897	.0150669	.0105936	.0103643	.0119507	.2929963	.2576234
Stddev	.0041373	.0006317	.0007302	.0029298	.0011896	.0077857	.0007412
%RSD	22.13657	4.192875	6.892657	28.26817	9.954245	2.657274	.2877025

#1	.0231286	.0150908	.0113124	.0072625	.0115860	.2855730	.2584768
#2	.0179995	.0144235	.0106157	.0107456	.0132800	.2923162	.2572528
#3	.0149409	.0156863	.0098526	.0130848	.0109862	.3010998	.2571406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048244	.0855608	44.27039	.0235291	.1616430	.0450027	.3790106
Stddev	.0000280	.0001527	.16637	.0005529	.0003274	.0007880	.0066491
%RSD	.5809564	.1785143	.3758046	2.350004	.2025443	1.751100	1.754340

#1	.0048545	.0854031	44.32990	.0239652	.1619709	.0444347	.3750888
#2	.0047991	.0855714	44.08245	.0229072	.1616420	.0459023	.3866878
#3	.0048197	.0857080	44.39882	.0237150	.1613161	.0446710	.3752552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.17830	17.90933	.0931225	.0082908	11.59531	.0849709	8.711414
Stddev	.11644	.02240	.0004579	.0001151	.19402	.0014257	.041833
%RSD	.4447843	.1250725	.4916834	1.387795	1.673283	1.677825	.4802110

#1	26.19889	17.88360	.0929354	.0082035	11.72030	.0847252	8.671826
#2	26.05294	17.91989	.0927879	.0082477	11.37179	.0836840	8.707238
#3	26.28307	17.92450	.0936443	.0084212	11.69382	.0865034	8.755179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.171971	-.002670	.0030325	-.001439	72.86964	.7124441	-.001741
Stddev	.044659	.002782	.0006968	.000366	.13705	.0021890	.000726
%RSD	3.810607	104.1883	22.97806	25.44499	.1880780	.3072491	41.67880

#1	1.192600	-.004656	.0026301	-.001227	72.96018	.7145783	-.001028
#2	1.202587	.000509	.0026303	-.001229	72.93677	.7102042	-.002479
#3	1.120726	-.003864	.0038371	-.001862	72.71196	.7125500	-.001715

Sample Name: K4649-10DLX10 Acquired: 09/17/2019 18:24:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5169S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000428	.0085094	.1381752
Stddev	.000654	.0022426	.0000771
%RSD	152.7383	26.35424	.0557912

#1	-.000688	.0106842	.1380891
#2	-.000912	.0086394	.1382377
#3	.000316	.0062047	.1381988

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.236	2795.855	33272.71	6510.547	2893.166
Stddev	10.004	4.204	173.94	32.361	1.101
%RSD	.6659641	.1503640	.5227686	.4970537	.0380512

#1	1506.542	2791.077	33370.29	6503.416	2893.482
#2	1509.367	2797.499	33375.94	6545.879	2891.941
#3	1490.800	2798.988	33071.88	6482.347	2894.073

Sample Name: K4649-06LDLX50 Acquired: 09/17/2019 18:28:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5169L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023198	-.000949	.0066915	.0031420	.0003939	.0138480	.0008541
Stddev	.0003843	.000811	.0011143	.0008819	.0011039	.0130967	.0002258
%RSD	16.56819	85.40762	16.65247	28.06813	280.2474	94.57418	26.44081

#1	.0020110	-.000234	.0054711	.0039525	-.000648	.0183622	.0010245
#2	.0021980	-.000783	.0076548	.0032706	.000279	.0240905	.0005980
#3	.0027502	-.001830	.0069487	.0022028	.001551	-.000909	.0009398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000348	.0156370	8.942790	-.001155	.0193535	.0032073	.0542496
Stddev	.000065	.0001895	.046120	.000323	.0001601	.0022080	.0029188
%RSD	18.66500	1.212149	.5157269	27.97292	.8272321	68.84186	5.380271

#1	-.000297	.0155373	8.994055	-.001182	.0191811	.0029765	.0555434
#2	-.000325	.0158556	8.904666	-.000819	.0193821	.0055217	.0562979
#3	-.000421	.0155180	8.929649	-.001463	.0194974	.0011238	.0509076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.259203	3.583683	.0052581	.0000272	2.222569	.0036104	1.771718
Stddev	.035134	.006435	.0004553	.0003069	.103139	.0030494	.010958
%RSD	.6680430	.1795510	8.659709	1129.649	4.640534	84.46088	.6184749

#1	5.289547	3.591092	.0047899	-.000326	2.332077	.0016743	1.771280
#2	5.220711	3.579490	.0052851	.000228	2.127273	.0020315	1.782888
#3	5.267350	3.580467	.0056993	.000179	2.208356	.0071254	1.760986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2512514	-.000408	-.002223	-.000060	14.13740	.1426048	.0000067
Stddev	.0413817	.001689	.000426	.000263	.03059	.0020604	.0004954
%RSD	16.47024	414.1676	19.13777	438.9776	.2163768	1.444825	7432.635

#1	.2983377	.001482	-.002135	.000187	14.11980	.1429557	.0003062
#2	.2347517	-.001771	-.001849	-.000031	14.17272	.1403915	-.000565
#3	.2206649	-.000935	-.002686	-.000336	14.11968	.1444671	.000279

Sample Name: K4649-06LDLX50 Acquired: 09/17/2019 18:28:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A5169L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008823	.0006999	.0277511
Stddev	.0005799	.0023539	.0001811
%RSD	65.72541	336.3209	.6527286

#1	.0012427	.0033187	.0276945
#2	.0002134	.0000207	.0276050
#3	.0011908	-.001240	.0279537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.755	2792.212	33005.24	6424.897	2944.167
Stddev	13.745	7.581	196.39	25.569	6.890
%RSD	.9226254	.2715129	.5950407	.3979732	.2340056

#1	1492.749	2800.951	33065.38	6396.225	2949.906
#2	1474.760	2787.403	32785.81	6445.335	2936.526
#3	1501.757	2788.281	33164.54	6433.130	2946.069

Sample Name: CCB069 Acquired: 09/17/2019 18:36:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003999	-.000361	.0087263	-.001852	.0003819	.0265363	.0012742
Stddev	.0023067	.002158	.0006521	.002466	.0007439	.0061023	.0001128
%RSD	576.8237	598.1054	7.472896	133.1786	194.7663	22.99587	8.854371

#1	.0014478	-.001398	.0087049	-.003894	.0009570	.0318974	.0011515
#2	-.002245	.002120	.0080852	.000888	.0006469	.0198958	.0012977
#3	.001997	-.001805	.0093889	-.002548	-.000458	.0278158	.0013735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000458	.0000175	.0237020	.0002910	.0002308	.0004181	.0274765
Stddev	.0000467	.0000774	.0114629	.0005123	.0000836	.0007413	.0062410
%RSD	101.9814	441.5548	48.36272	176.0388	36.23609	177.3108	22.71395

#1	.0000291	-.000062	.0355347	.0005532	.0003160	.0010385	.0273561
#2	.0000986	.000093	.0229225	-.000299	.0002277	-.000403	.0337769
#3	.0000098	.000021	.0126487	.000619	.0001488	.000619	.0212966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009802	.0119130	-.000485	-.000256	-.165311	.0018494	-.001051
Stddev	.0003456	.0186708	.000147	.000005	.408497	.0010999	.000582
%RSD	35.26026	156.7272	30.33176	1.785926	247.1082	59.47611	55.38603

#1	.0008862	.0070663	-.000640	-.000260	-.028721	.0009622	-.000948
#2	.0013632	-.003857	-.000347	-.000257	.157389	.0030801	-.000528
#3	.0006914	.032529	-.000468	-.000251	-.624601	.0015059	-.001678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1481618	-.003366	.0070722	.0004078	.0046922	.0002092	.0024480
Stddev	.0238499	.002588	.0014670	.0002911	.0028943	.0010072	.0019736
%RSD	16.09723	76.88755	20.74337	71.38108	61.68291	481.3805	80.62038

#1	.1512827	-.005735	.0079274	.0006318	.0037174	-.000420	.0001695
#2	.1702976	-.000604	.0079108	.0005129	.0024112	.001371	.0035481
#3	.1229050	-.003760	.0053782	.0000788	.0079480	-.000323	.0036263

Sample Name: CCB069 Acquired: 09/17/2019 18:36:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007376	.0039295	.0002961
Stddev	.0004315	.0007544	.0000527
%RSD	58.49212	19.19804	17.79919

#1	.0003771	.0035853	.0003565
#2	.0006202	.0047946	.0002723
#3	.0012157	.0034086	.0002595

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.110	2775.823	33142.53	6401.096	2904.014
Stddev	14.864	3.494	199.15	59.726	6.731
%RSD	.9869308	.1258860	.6008918	.9330550	.2317986

#1	1511.262	2778.671	33296.34	6404.437	2909.985
#2	1489.356	2776.875	33213.67	6339.770	2905.338
#3	1517.714	2771.924	32917.57	6459.081	2896.719

Sample Name: CCV069 Acquired: 09/17/2019 18:32:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.214091	5.126715	26.11485	5.096361	5.171006	421.6793	10.72816
Stddev	.013672	.025550	.06185	.011940	.014791	3.5584	.21829
%RSD	.2622064	.4983741	.2368512	.2342856	.2860392	.8438532	2.034747

#1	5.209652	5.140939	26.11268	5.100375	5.175501	418.2484	10.51647
#2	5.203190	5.097219	26.05411	5.082931	5.154488	425.3527	10.95250
#3	5.229430	5.141988	26.17776	5.105776	5.183028	421.4368	10.71551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5393609	2.610294	438.4199	16.28703	2.653330	15.94434	439.9705
Stddev	.0040046	.006977	3.5813	.01497	.006090	.03394	3.4928
%RSD	.7424763	.2672734	.8168591	.0919307	.2295185	.2128357	.7938747

#1	.5355175	2.610263	434.4723	16.28667	2.650078	15.90601	436.4407
#2	.5390559	2.603333	441.4604	16.30218	2.649557	15.95642	443.4252
#3	.5435094	2.617286	439.3272	16.27224	2.660356	15.97058	440.0456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94747	430.7807	2.650562	1.354379	432.7202	2.661210	15.70644
Stddev	.09356	2.3311	.003626	.004433	4.5962	.025291	.10796
%RSD	.5867040	.5411339	.1367933	.3273410	1.062155	.9503614	.6873670

#1	15.84548	428.2948	2.650135	1.357476	427.9460	2.632036	15.79664
#2	16.02933	432.9176	2.647169	1.349301	437.1147	2.676934	15.73587
#3	15.96761	431.1299	2.654382	1.356362	433.1000	2.674660	15.58682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.8836	5.421044	5.357424	5.167907	5.328617	5.255142	5.295799
Stddev	.6179	.014182	.039671	.015231	.018790	.038502	.009233
%RSD	.3816955	.2616073	.7404816	.2947292	.3526193	.7326602	.1743502

#1	161.2895	5.405338	5.316175	5.175413	5.331359	5.217507	5.292346
#2	161.8384	5.424886	5.360796	5.150379	5.308608	5.253463	5.288790
#3	162.5229	5.432910	5.395301	5.177929	5.345886	5.294456	5.306261

Sample Name: CCV069 Acquired: 09/17/2019 18:32:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v970) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.335288	5.485185	5.300622
Stddev	.033311	.077231	.082735
%RSD	.6243513	1.407987	1.560856

#1	5.300234	5.399945	5.218040
#2	5.366528	5.550502	5.300317
#3	5.339102	5.505110	5.383509

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.411	2343.108	29608.29	6066.591	2285.607
Stddev	4.226	2.495	70.51	37.237	3.486
%RSD	.3437194	.1064856	.2381455	.6137975	.1525340

#1	1224.595	2342.267	29527.43	6104.820	2288.239
#2	1232.501	2345.915	29640.49	6064.520	2286.928
#3	1231.136	2341.142	29656.96	6030.433	2281.653

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)	Correlation
As 189.042 {479}	09/18/2019 2:32:34	09/17/2019 15:12:48	Full Fit	1/Conc	-0.000070	0.038574	0.000136	1.020000	0.999977
Tl 190.856 {477}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	-0.000275	0.056715	0.000000	1.000000	0.999598
Pb 220.353 {453}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000607	0.254265	0.000000	1.000000	0.999993
Se 196.090 {472}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000512	0.058526	0.000000	1.000000	0.999910
Sb 206.833 {463}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000314	0.114193	0.000000	1.000000	0.999790
Al 396.152 { 85}	09/18/2019 2:32:34	09/17/2019 15:17:11	Linear	1/Conc	0.007053	0.104700	0.000000	1.000000	0.999982
Ba 493.409 { 68}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000990	3.661104	0.000000	1.000000	0.999950
Be 234.861 {144}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	-0.001218	5.084311	0.000000	1.000000	0.999898
Cd 214.438 {457}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000020	3.930950	0.000000	1.000000	0.999864
Ca 373.690 { 90}	09/18/2019 2:32:34	09/17/2019 15:17:11	Linear	1/Conc	0.000726	0.090141	0.000000	1.000000	0.999703
Cr 267.716 {126}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000028	0.182746	0.000000	1.000000	0.999807
Co 228.616 {448}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000503	1.057479	0.000000	1.000000	0.999981
Cu 324.754 {104}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.003825	0.267747	0.000000	1.000000	0.999990
Fe 259.837 {130}	09/18/2019 2:32:34	09/17/2019 15:17:11	Linear	1/Conc	0.000144	0.056715	0.000000	1.000000	0.999411
Mn 257.610 {131}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000772	1.062760	0.000000	1.000000	0.999840
Mg 279.079 {121}	09/18/2019 2:32:34	09/17/2019 15:17:11	Linear	1/Conc	-0.000151	0.015608	0.000000	1.000000	0.999996
Ni 231.604 {446}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	-0.001670	0.597257	0.000000	1.000000	0.999943
Ag 328.068 {103}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	-0.000800	0.468938	0.000000	1.000000	0.999986
Na 818.326 { 41}	09/18/2019 2:32:34	09/17/2019 15:17:11	Linear	1/Conc	-0.010548	0.007330	0.000000	1.000000	0.999999
V 292.402 {115}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000259	0.160509	0.000000	1.000000	0.999891
Zn 206.200 {464}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	6.923568	1546.5857	0.000000	1.000000	0.996286
Zn 213.856 {158}	09/18/2019 2:32:34	09/17/2019 15:12:48	Curvili	1/Conc	0.003022	0.592564	0.002477	1.000000	0.999995
K 769.896 { 44}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.022483	0.022488	0.000000	1.000000	0.999688
P 177.495 {490}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	-0.000960	0.041793	0.000000	1.000000	0.999884
B 249.678 {135}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.001244	0.531525	0.000000	1.000000	0.997298
Mo 202.030 {467}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	-0.000104	0.705113	0.000000	1.000000	0.999939
S 182.034 {485}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000339	0.037217	0.000000	1.000000	0.999752
Si 251.611 {134}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.004596	0.471362	0.000000	1.000000	0.999633
Sn 189.989 {478}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.000147	0.101888	0.000000	1.000000	0.999993
Ti 336.121 {100}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.002541	0.743250	0.000000	1.000000	0.999972
Li 670.784 { 50}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	0.007533	1.260824	0.000000	1.000000	0.998591
Y 224.306 {150}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 224.306 {450}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 360.073 { 94}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 371.030 { 91}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
In 230.606 {446}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Sr 407.771 { 83}	09/18/2019 2:32:34	09/17/2019 15:12:48	Linear	1/Conc	-0.002406	13.786474	0.000000	1.000000	0.999972