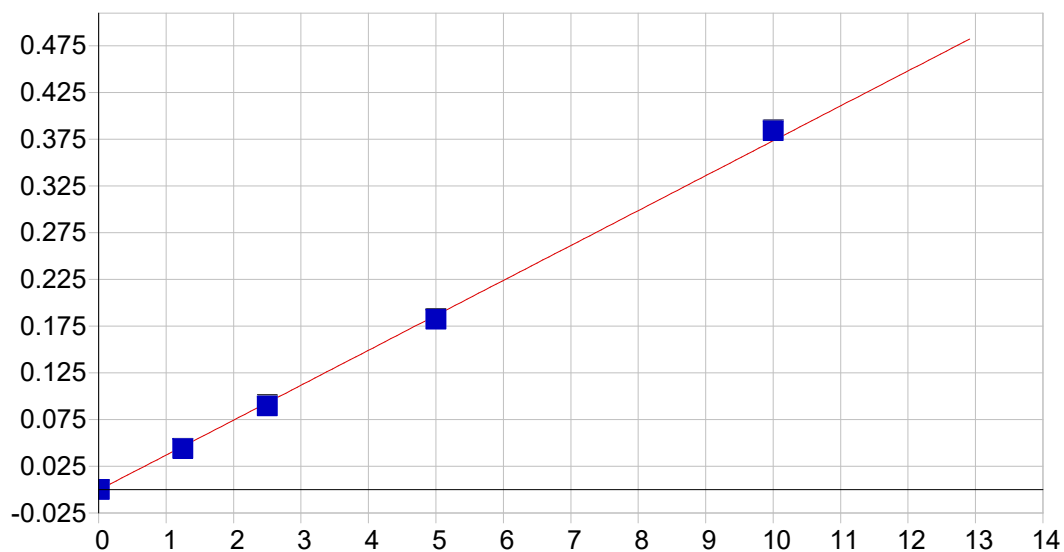


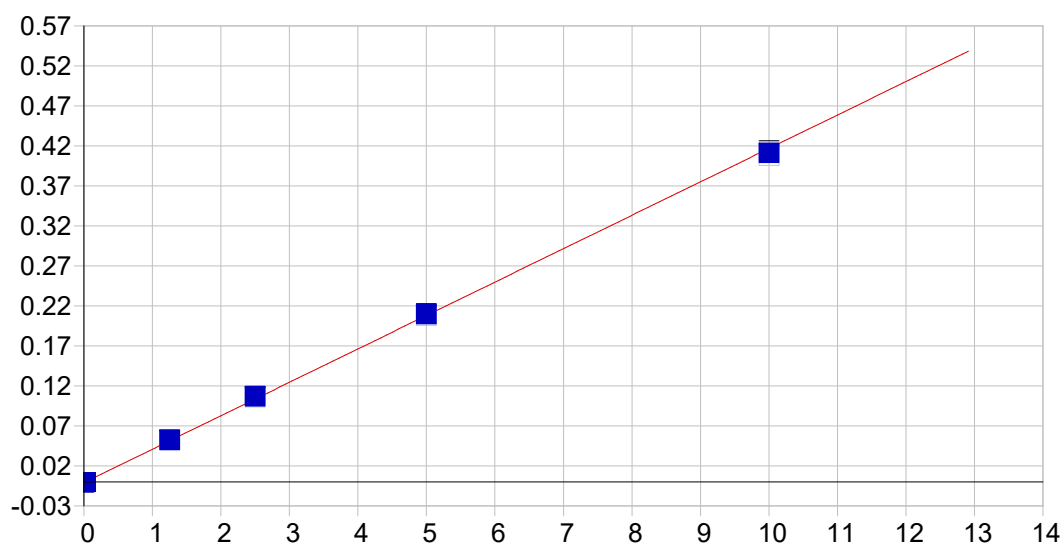


As 189.042 {479}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000420 Re-Slope: 1.000000
 A1 (Gain): 0.037383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999530 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.008996
 Predicted MQL: 0.029986

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.01000	.00897	-.001	-10.3	-.00008	.000	1
S2	1.2500	1.1833	-.067	-5.34	.04394	.000	1
S3	2.5000	2.4060	-.094	-3.76	.08977	.001	1
S4	5.0000	4.8825	-.117	-2.35	.18259	.001	1
S5	10.000	10.279	.279	2.79	.38482	.001	1

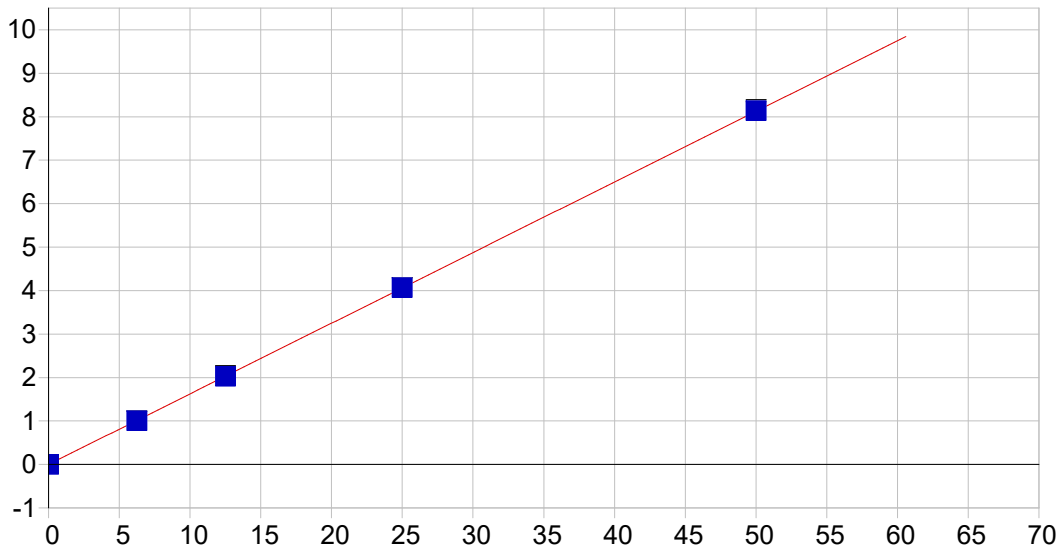


TI 190.856 {477}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000844 Re-Slope: 1.000000
 A1 (Gain): 0.041768 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.006401
 Predicted MQL: 0.021336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.000	1
S1	.02500	.02038	-.005	-18.5	-.00004	.000	1
S2	1.2500	1.2713	.021	1.70	.05178	.000	1
S3	2.5000	2.5739	.074	2.96	.10571	.001	1
S4	5.0000	5.0400	.040	.801	.20777	.001	1
S5	10.000	9.8692	-.131	-1.31	.40757	.002	1

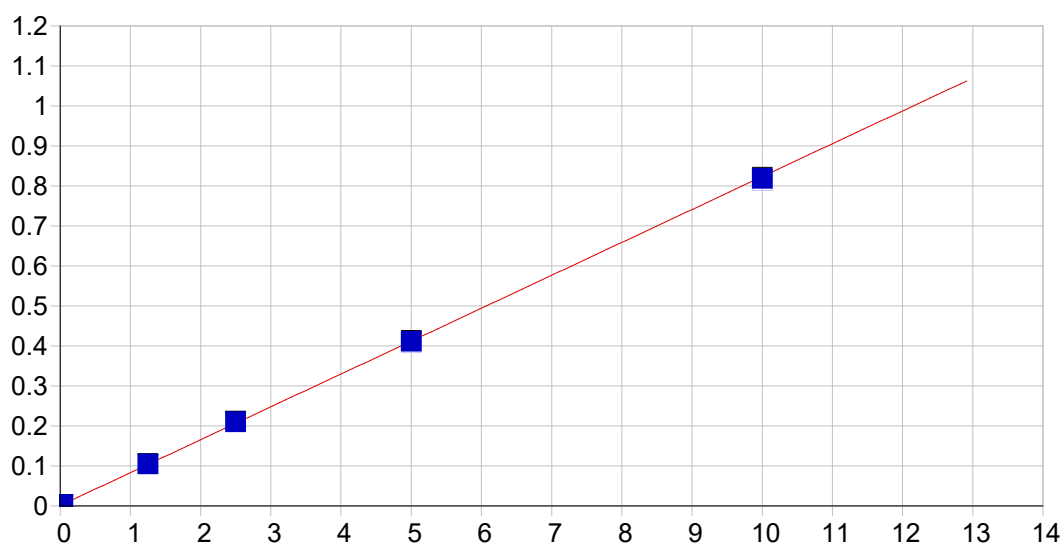


Pb 220.353 {453}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000429	Re-Slope:	1.000000
A1 (Gain):	0.162475	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.003806		
Predicted MQL:	0.012688		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.001	1
S1	.01000	.00739	-.003	-26.1	.00077	.001	1
S2	6.2500	6.1610	-.089	-1.42	1.0005	.002	1
S3	12.500	12.488	-.012	-.092	2.0286	.009	1
S4	25.000	25.030	.030	.119	4.0662	.002	1
S5	50.000	50.073	.073	.147	8.1350	.021	1

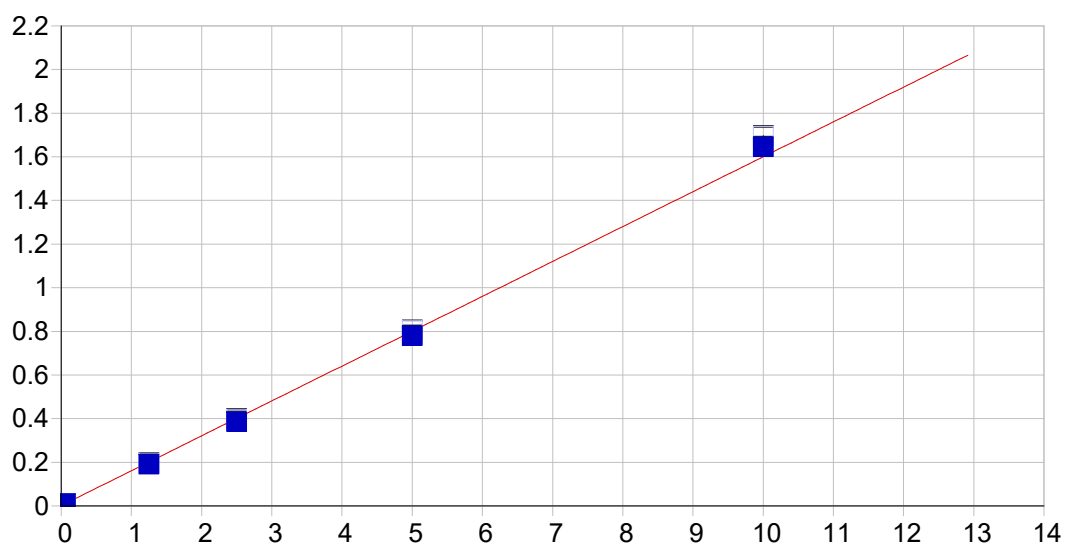


Se 196.090 {472}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000901	Re-Slope:	1.000000
A1 (Gain):	0.082219	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.005509		
Predicted MQL:	0.018362		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00090	.000	1
S1	.03500	.03457	-.000	-1.23	.00374	.000	1
S2	1.2500	1.2652	.015	1.21	.10418	.001	1
S3	2.5000	2.5499	.050	2.00	.20907	.002	1
S4	5.0000	4.9912	-.009	-.175	.40830	.003	1
S5	10.000	9.9441	-.056	-.559	.81254	.003	1

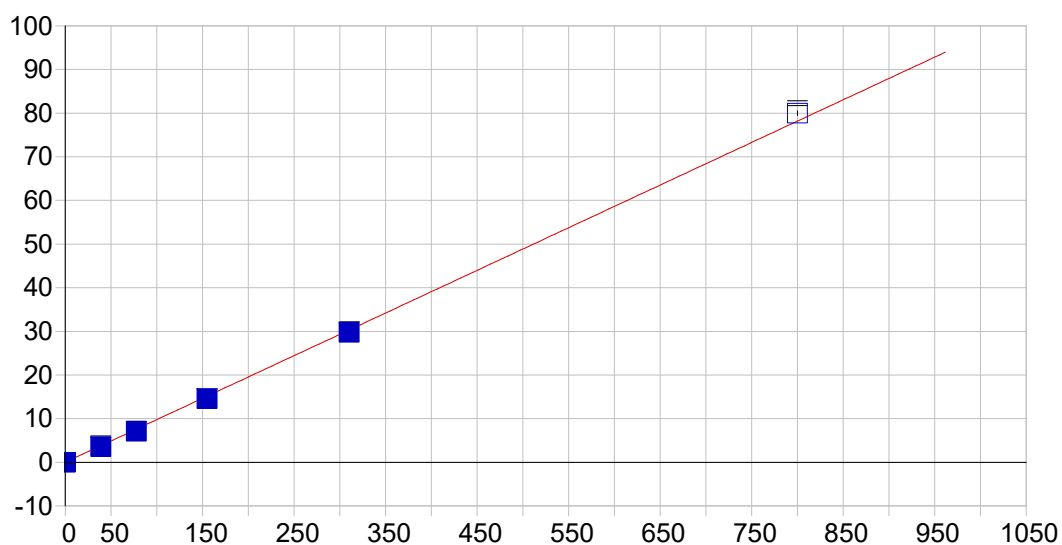


Sb 206.833 {463}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001334 Re-Slope: 1.000000
 A1 (Gain): 0.159860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999541 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.003086
 Predicted MQL: 0.010288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00133	.000	1
S1	.06000	.05716	-.003	-4.74	.01047	.001	1
S2	1.2500	1.1854	-.065	-5.17	.19693	.001	1
S3	2.5000	2.4052	-.095	-3.79	.39803	.003	1
S4	5.0000	4.8760	-.124	-2.48	.80521	.002	1
S5	10.000	10.286	.286	2.86	1.6945	.003	1

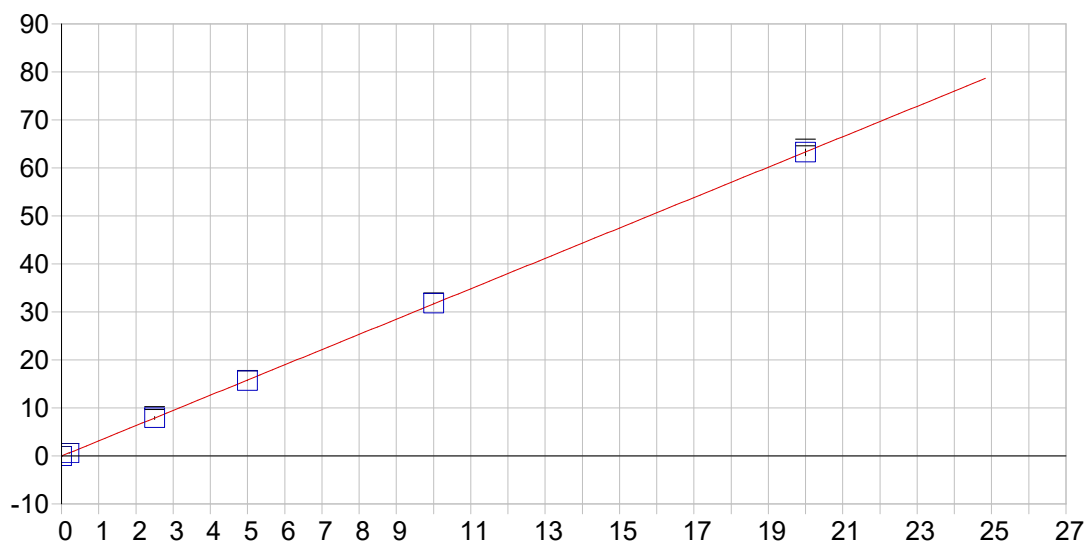


AI 396.152 { 85}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001834	Re-Slope:	1.000000
A1 (Gain):	0.097729	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999565	Status:	OK.
Std Error of Est:	0.001793		
Predicted MDL:	0.009258		
Predicted MQL:	0.030859		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00183	.001	1
S1	.20000	.18501	-.015	-7.50	.01628	.001	1
S2	38.750	36.587	-2.16	-5.58	3.5778	.147	1
S3	77.500	72.501	-5.00	-6.45	7.0916	.013	1
S4	155.00	148.99	-6.01	-3.88	14.574	.039	1
S5	310.00	304.62	-5.38	-1.74	29.800	.114	1
S6	800.00	818.59	18.6	2.32	79.999	.554	1

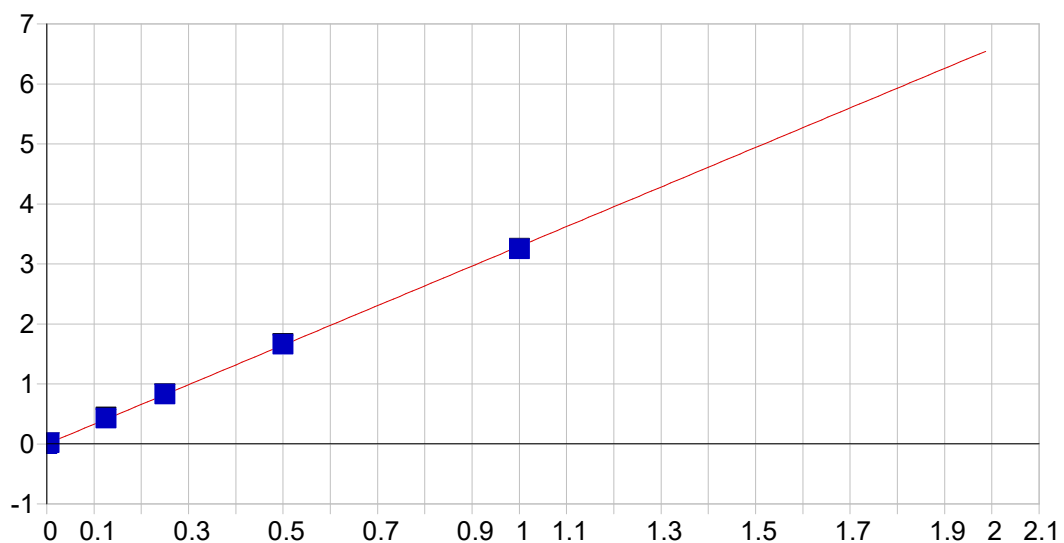


Ba 493.409 { 68}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.027679 Re-Slope: 1.000000
 A1 (Gain): 3.167836 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.001355
 Predicted MDL: 0.000942
 Predicted MQL: 0.003139

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.02768	.003	1
S1	.20000	.19980	-.000	-.101	.60525	.008	1
S2	2.5000	2.5043	.004	.173	7.9056	.322	1
S3	5.0000	4.9647	-.035	-.706	15.700	.014	1
S4	10.000	10.057	.057	.566	31.830	.023	1
S5	20.000	19.975	-.025	-.127	63.248	.698	1

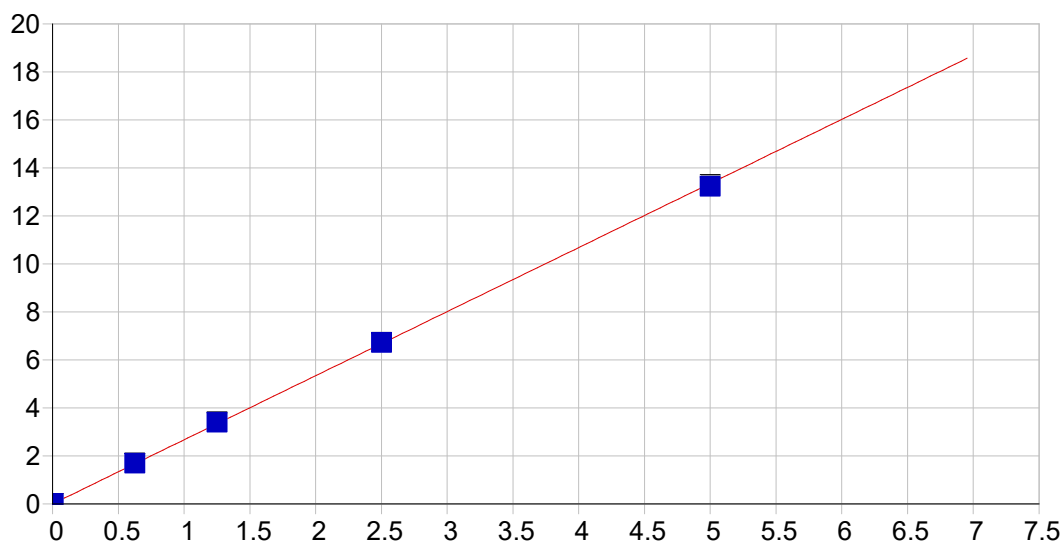


Be 234.861 {144}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001329	Re-Slope:	1.000000
A1 (Gain):	3.294612	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000192		
Predicted MDL:	0.000099		
Predicted MQL:	0.000331		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00133	.000	1
S1	.00500	.00537	.000	7.40	.01635	.000	1
S2	.12500	.12993	.005	3.94	.42567	.017	1
S3	.25000	.25278	.003	1.11	.82935	.001	1
S4	.50000	.50460	.005	.919	1.6569	.011	1
S5	1.0000	.98733	-.013	-1.27	3.2430	.010	1

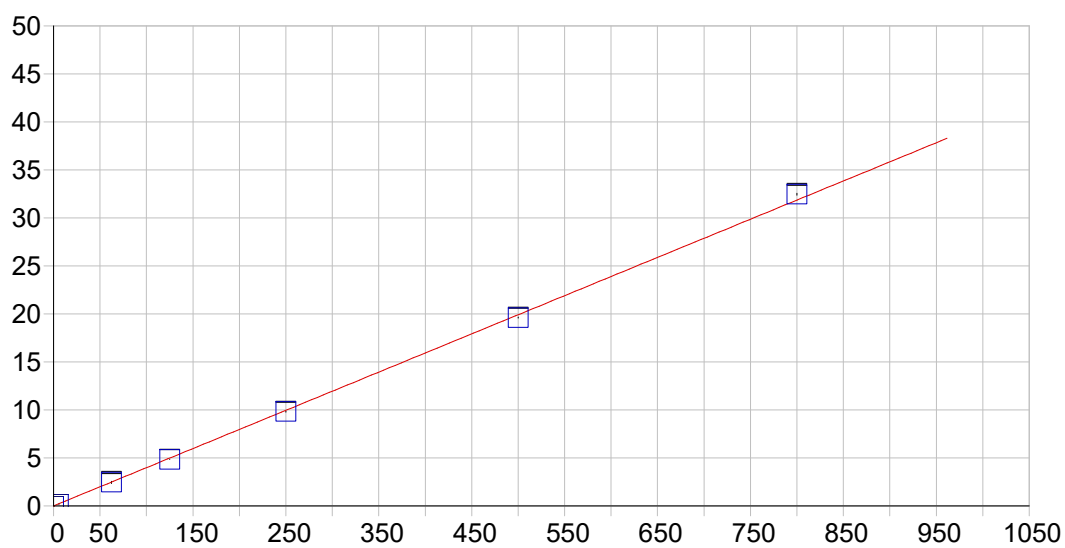


Cd 214.438 {457}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000905 Re-Slope: 1.000000
 A1 (Gain): 2.670197 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000236
 Predicted MDL: 0.000152
 Predicted MQL: 0.000507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00090	.000	1
S1	.00500	.00561	.001	12.2	.01590	.000	1
S2	.62500	.63345	.008	1.35	1.6956	.001	1
S3	1.2500	1.2713	.021	1.70	3.4020	.016	1
S4	2.5000	2.5148	.015	.593	6.7292	.009	1
S5	5.0000	4.9549	-.045	-.903	13.258	.046	1

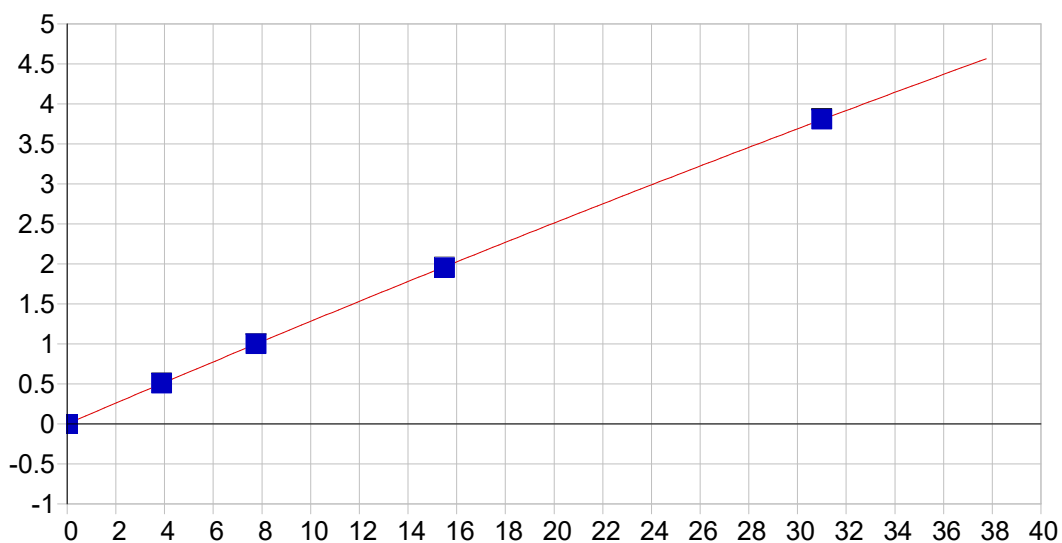


Ca 373.690 { 90}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001256 Re-Slope: 1.000000
 A1 (Gain): 0.039820 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.002489
 Predicted MDL: 0.017449
 Predicted MQL: 0.058163

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.00127	.000	1
S1	5.0000	4.9224	-.078	-1.55	.19727	.000	1
S2	62.500	61.619	-.881	-1.41	2.4549	.108	1
S3	125.00	121.72	-3.28	-2.63	4.8481	.005	1
S4	250.00	246.63	-3.37	-1.35	9.8223	.060	1
S5	500.00	492.27	-7.73	-1.55	19.603	.053	1
S6	800.00	815.34	15.3	1.92	32.468	.100	1

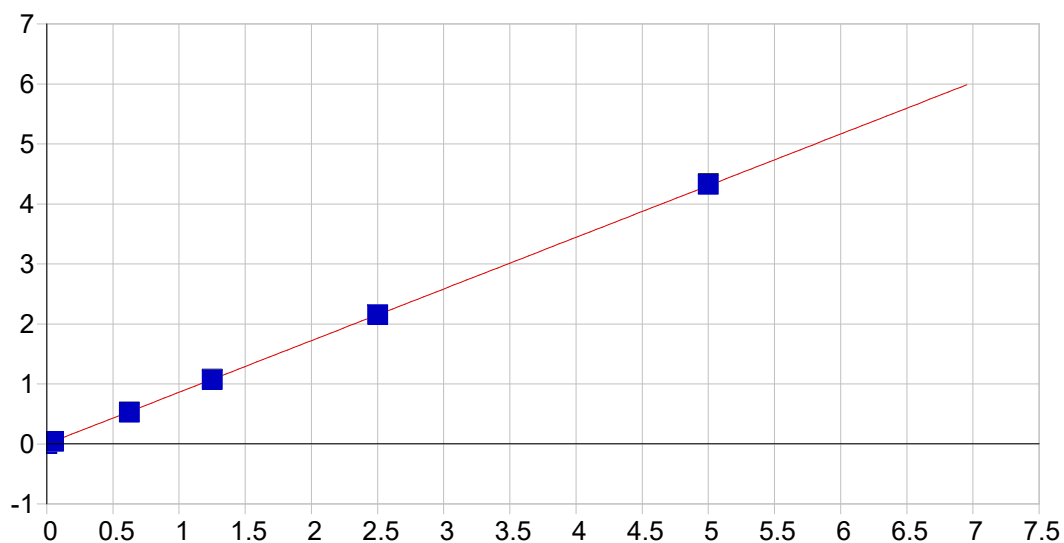


Cr 267.716 {126}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000036	Re-Slope:	1.000000
A1 (Gain):	0.130808	Y-int:	0.000000
A2 (Curvature):	-0.000262		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.000668		
Predicted MQL:	0.002227		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.00993	-.000	-.713	.00126	.000	1
S2	3.8750	3.9100	.035	.904	.50756	.000	1
S3	7.7500	7.7652	.015	.196	1.0002	.002	1
S4	15.500	15.412	-.088	-.566	1.9543	.004	1
S5	31.000	31.038	.038	.122	3.8084	.009	1

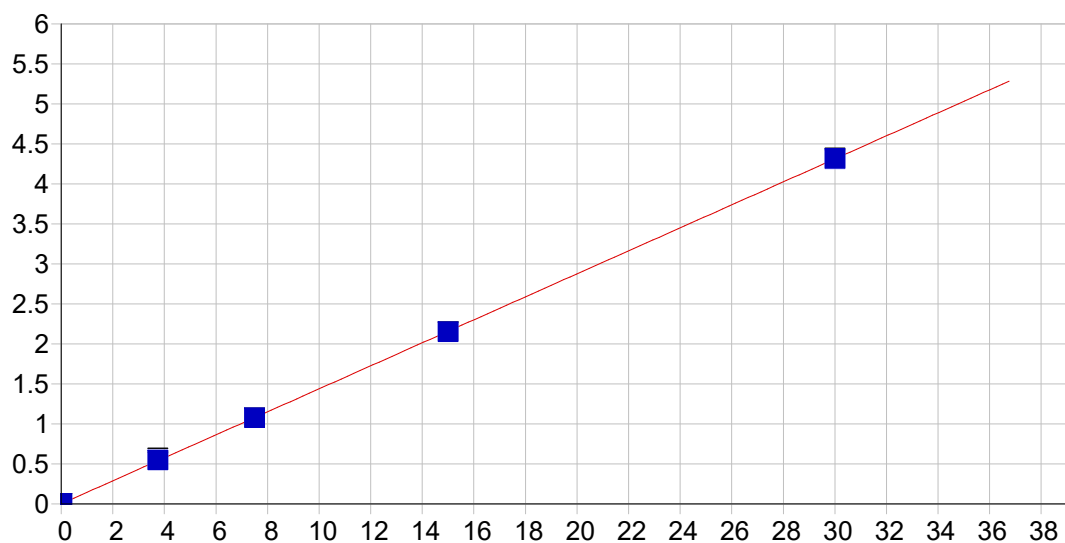


Co 228.616 {448}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000457	Re-Slope:	1.000000
A1 (Gain):	0.860851	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000150		
Predicted MDL:	0.000465		
Predicted MQL:	0.001548		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.05000	.04946	-.001	-1.09	.04226	.000	1
S2	.62500	.61165	-.013	-2.14	.52689	.002	1
S3	1.2500	1.2430	-.007	-.557	1.0712	.007	1
S4	2.5000	2.5019	.002	.075	2.1565	.003	1
S5	5.0000	5.0190	.019	.380	4.3266	.014	1

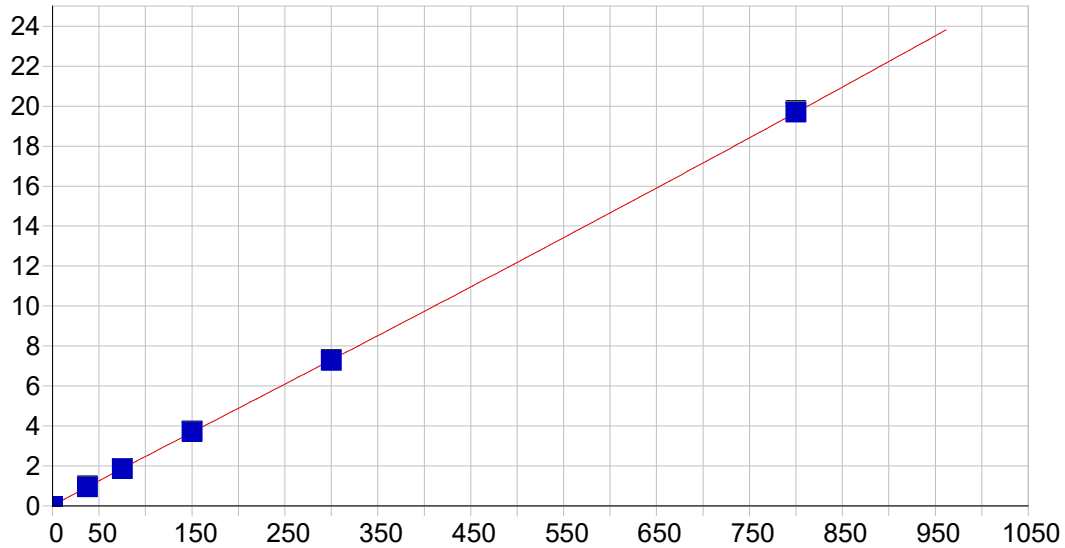


Cu 324.754 {104}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001184	Re-Slope:	1.000000
A1 (Gain):	0.143736	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.002970		
Predicted MQL:	0.009901		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00118	.001	1
S1	.02500	.02592	.001	3.68	.00490	.000	1
S2	3.7500	3.8026	.053	1.40	.54702	.024	1
S3	7.5000	7.4753	-.025	-.329	1.0742	.002	1
S4	15.000	14.954	-.046	-.305	2.1477	.002	1
S5	30.000	30.017	.017	.056	4.3099	.010	1

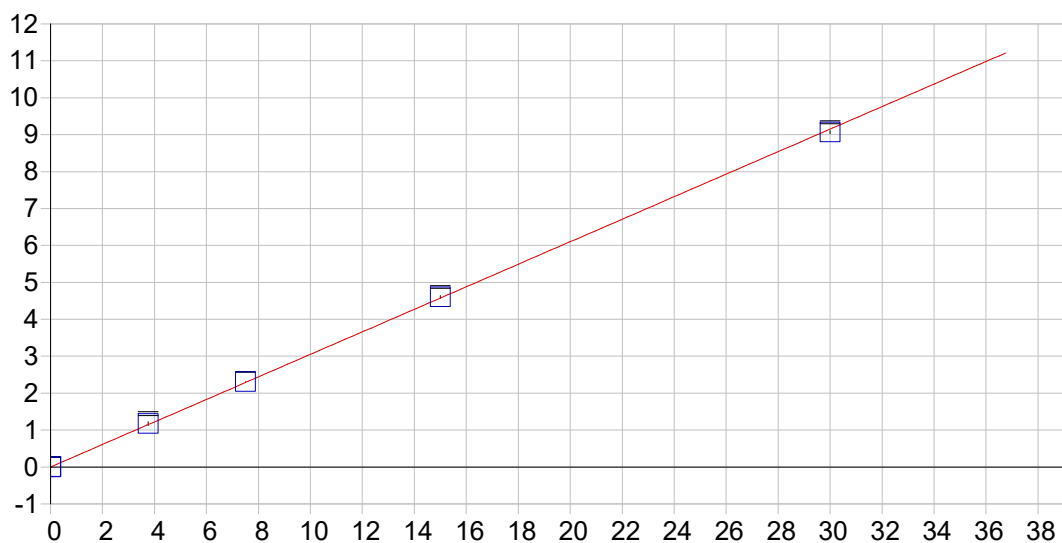


Fe 259.837 {130}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000206	Re-Slope:	1.000000
A1 (Gain):	0.028141	Y-int:	0.000000
A2 (Curvature):	0.000003		
n (Exponent):	0.970000		
Correlation:	0.999991	Status:	Warning Positive Curvature
Std Error of Est:	0.000058		
Predicted MDL:	0.008821		
Predicted MQL:	0.029404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00021	.000	1
S1	.10000	.08341	-.017	-16.6	.00274	.000	1
S2	37.500	37.452	-.048	-.129	.95012	.039	1
S3	75.000	74.730	-.270	-.360	1.8630	.006	1
S4	150.00	151.41	1.41	.939	3.7200	.018	1
S5	300.00	298.66	-1.34	-.446	7.2796	.029	1
S6	800.00	800.26	.260	.033	19.700	.069	1

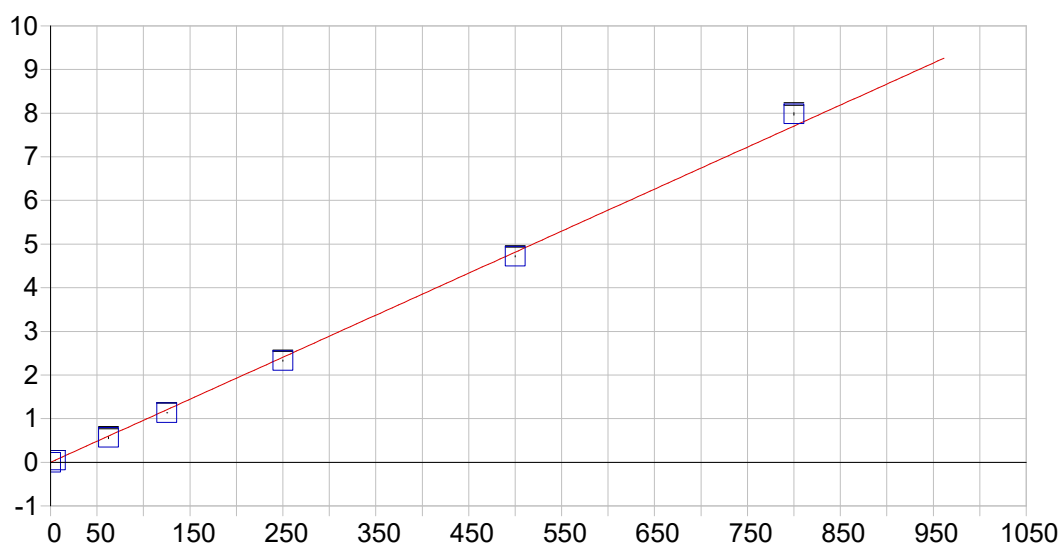


Mn 257.610 {131}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000084	Re-Slope:	1.000000
A1 (Gain):	0.305044	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999941	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.000711		
Predicted MQL:	0.002369		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01500	.01615	.001	7.65	.00484	.000	1
S2	3.7500	3.8548	.105	2.79	1.1758	.050	1
S3	7.5000	7.5612	.061	.816	2.3064	.005	1
S4	15.000	15.104	.104	.693	4.6073	.034	1
S5	30.000	29.729	-.271	-.904	9.0685	.038	1

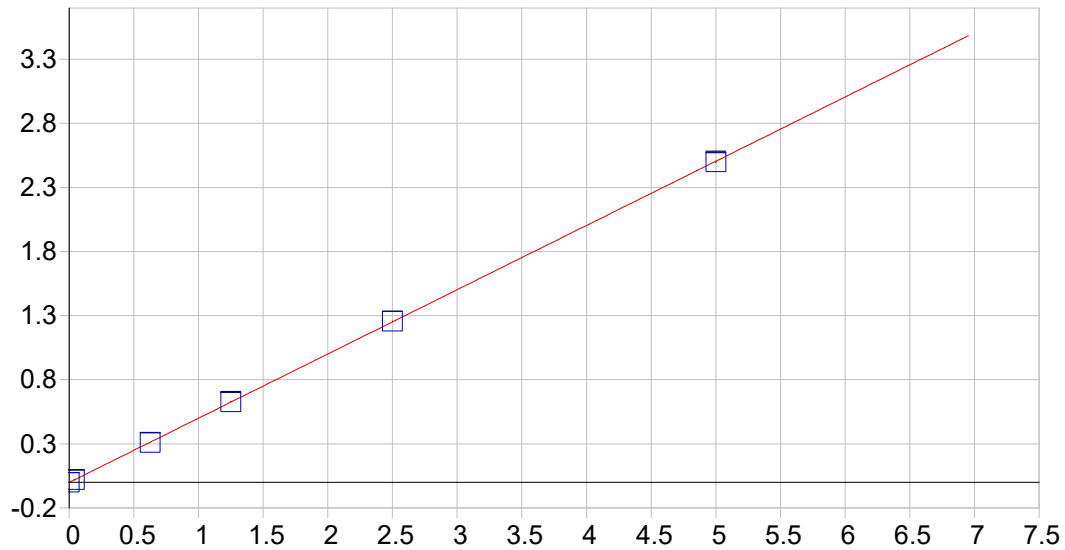


Mg 279.079 {121}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000327 Re-Slope: 1.000000
 A1 (Gain): 0.009631 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999384 Status: OK.
 Std Error of Est: 0.001181
 Predicted MDL: 0.030713
 Predicted MQL: 0.102376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00094	.001	.000	-.00032	.000	1
S1	5.0000	4.7198	-.280	-5.60	.04513	.000	1
S2	62.500	58.894	-3.61	-5.77	.56688	.024	1
S3	125.00	117.81	-7.19	-5.75	1.1343	.003	1
S4	250.00	241.68	-8.32	-3.33	2.3273	.013	1
S5	500.00	490.41	-9.59	-1.92	4.7228	.015	1
S6	800.00	828.99	29.0	3.62	7.9837	.031	1

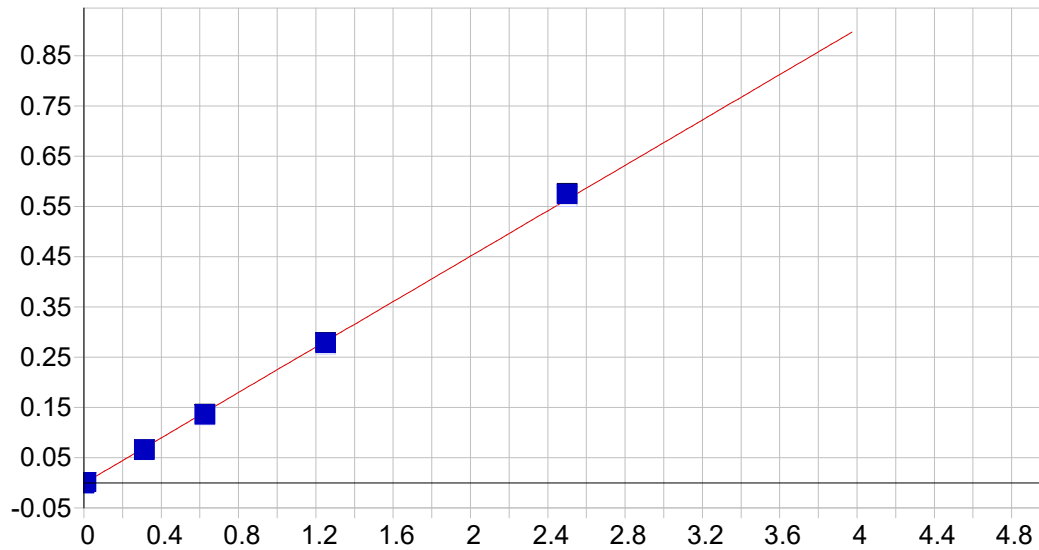


Ni 231.604 {446}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001369	Re-Slope:	1.000000
A1 (Gain):	0.501283	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.000809		
Predicted MQL:	0.002696		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00137	.000	1
S1	.04000	.04105	.001	2.63	.01921	.000	1
S2	.62500	.62144	-.004	-.570	.31015	.001	1
S3	1.2500	1.2535	.003	.280	.62699	.003	1
S4	2.5000	2.5097	.010	.387	1.2567	.002	1
S5	5.0000	4.9893	-.011	-.213	2.4997	.007	1

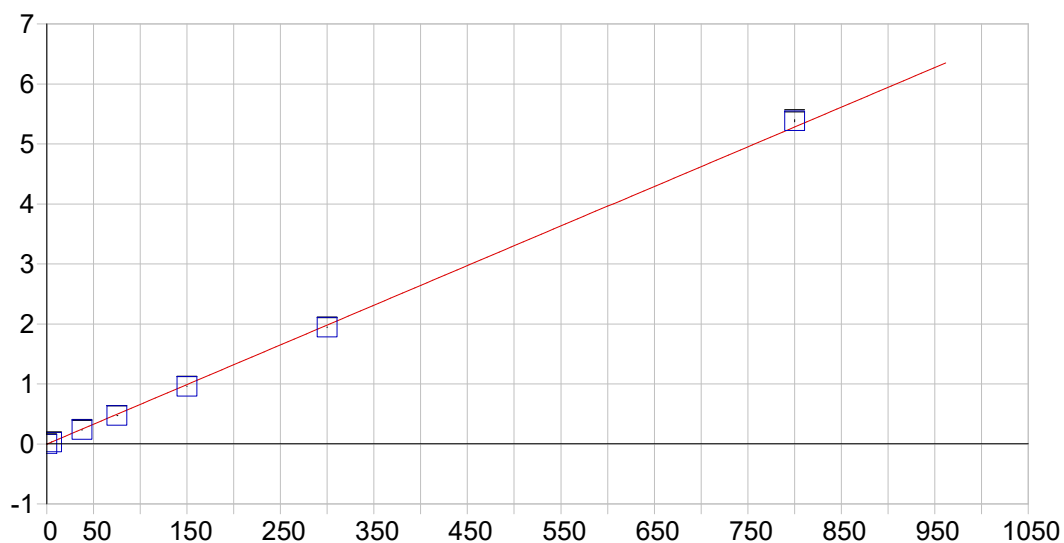


Ag 328.068 {103}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000921	Re-Slope:	1.000000
A1 (Gain):	0.225980	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999731	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.000580		
Predicted MQL:	0.001933		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00092	.000	1
S1	.01000	.00999	-.000	-.110	.00132	.000	1
S2	.31250	.29614	-.016	-5.24	.06525	.000	1
S3	.62500	.60615	-.019	-3.02	.13455	.000	1
S4	1.2500	1.2373	-.013	-1.02	.27567	.000	1
S5	2.5000	2.5480	.048	1.92	.56885	.001	1

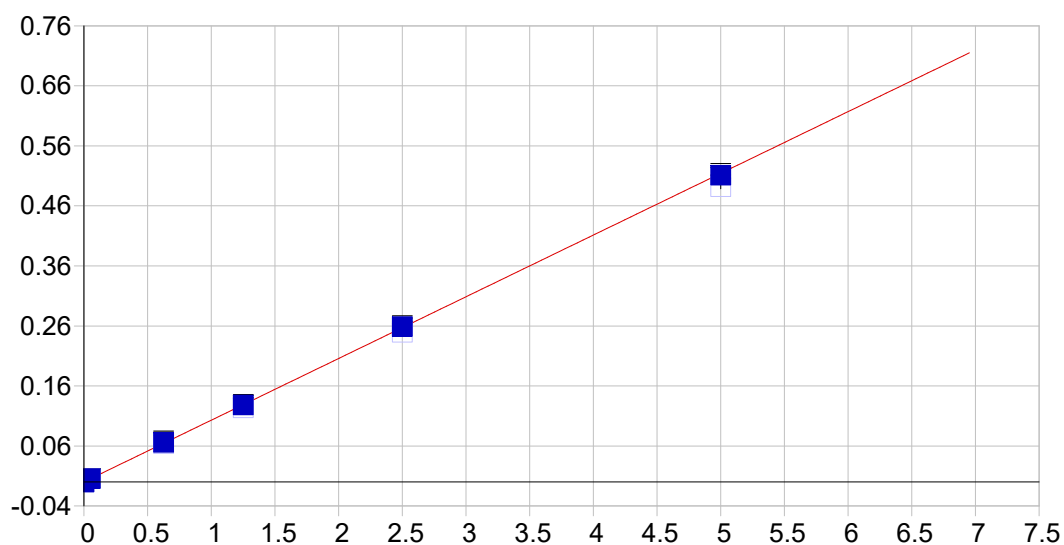


Na 818.326 { 41}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000545	Re-Slope:	1.000000
A1 (Gain):	0.006604	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999703	Status:	OK.
Std Error of Est:	0.000498		
Predicted MDL:	0.251813		
Predicted MQL:	0.839378		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00090	.001	.000	-.00054	.002	1
S1	5.0000	4.6993	-.301	-6.01	.03049	.002	1
S2	37.500	35.881	-1.62	-4.32	.23640	.009	1
S3	75.000	71.512	-3.49	-4.65	.47170	.001	1
S4	150.00	145.41	-4.59	-3.06	.95969	.002	1
S5	300.00	294.22	-5.78	-1.93	1.9424	.005	1
S6	800.00	815.78	15.8	1.97	5.3866	.018	1

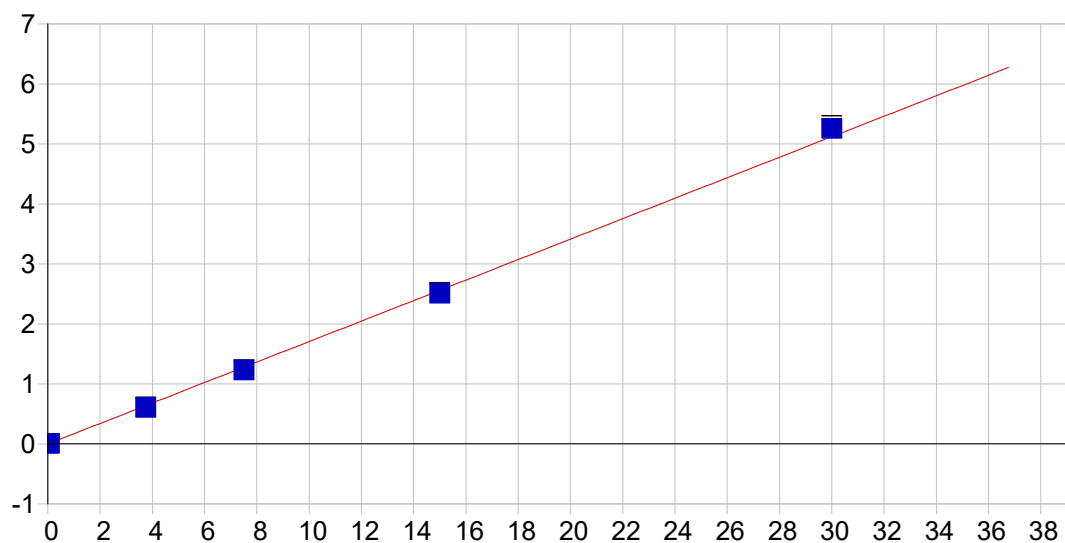


V 292.402 {115}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000269	Re-Slope:	1.000000
A1 (Gain):	0.102899	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.003459		
Predicted MQL:	0.011531		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.05000	.05344	.003	6.88	.00522	.000	1
S2	.62500	.64173	.017	2.68	.06340	.003	1
S3	1.2500	1.2483	-.002	-.132	.12345	.001	1
S4	2.5000	2.5142	.014	.568	.24897	.002	1
S5	5.0000	4.9672	-.033	-.657	.49191	.003	1

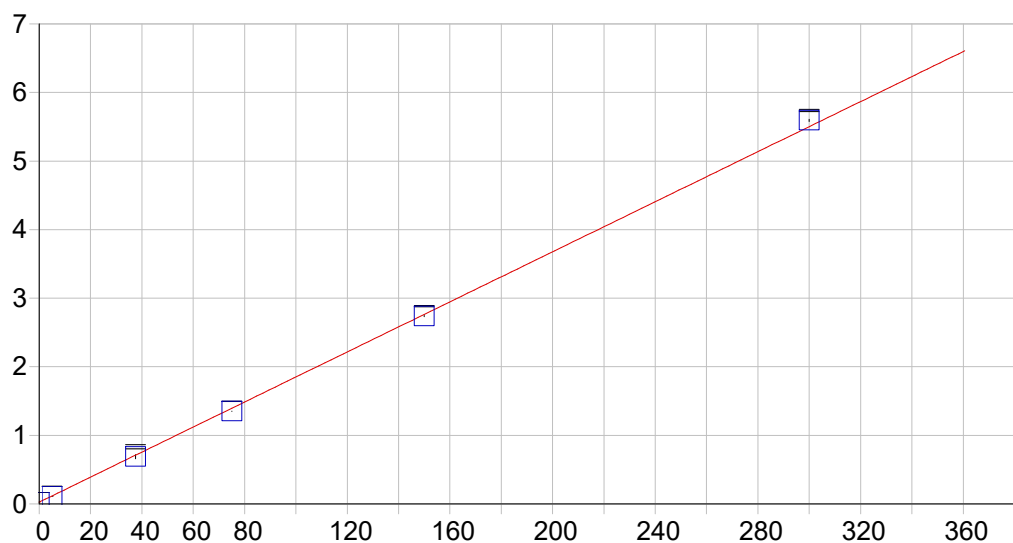


Zn 213.856 {158}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000946 Re-Slope: 1.000000
 A1 (Gain): 0.170688 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999574 Status: OK.
 Std Error of Est: 0.000355
 Predicted MDL: 0.005352
 Predicted MQL: 0.017841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00094	.001	1
S1	.06000	.05810	-.002	-3.17	.00900	.001	1
S2	3.7500	3.5524	-.198	-5.27	.60591	.008	1
S3	7.5000	7.2091	-.291	-3.88	1.2306	.012	1
S4	15.000	14.705	-.295	-1.97	2.5110	.017	1
S5	30.000	30.785	.785	2.62	5.2578	.049	1

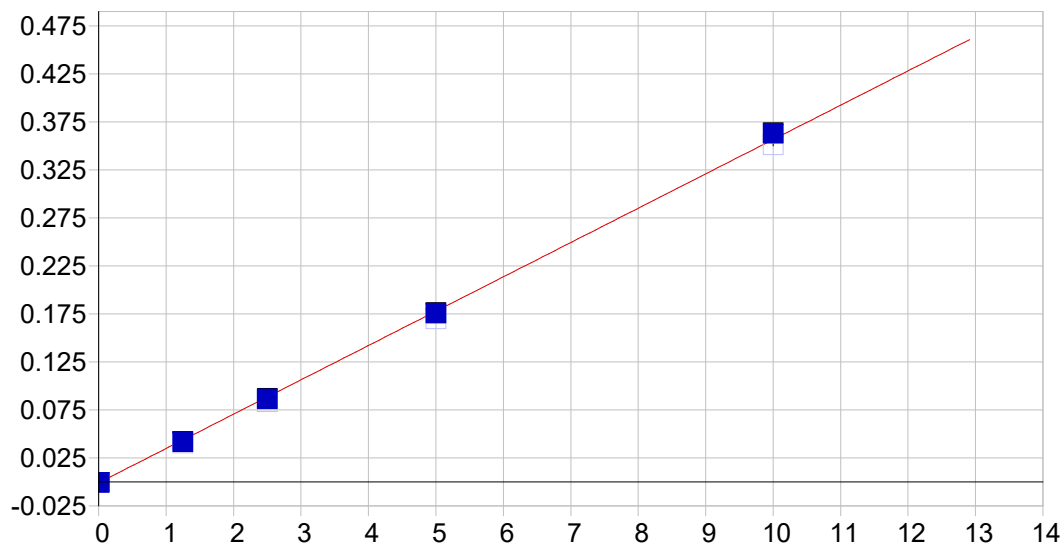


K 769.896 { 44 }

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025756 Re-Slope: 1.000000
 A1 (Gain): 0.018254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000735
 Predicted MDL: 0.073690
 Predicted MQL: 0.245634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00054	.001	.000	.02577	.001	1
S1	5.0000	4.7281	-.272	-5.44	.11206	.002	1
S2	37.500	36.356	-1.14	-3.05	.68940	.031	1
S3	75.000	72.659	-2.34	-3.12	1.3521	.002	1
S4	150.00	148.75	-1.25	-.830	2.7411	.010	1
S5	300.00	305.00	5.00	1.67	5.5932	.017	1

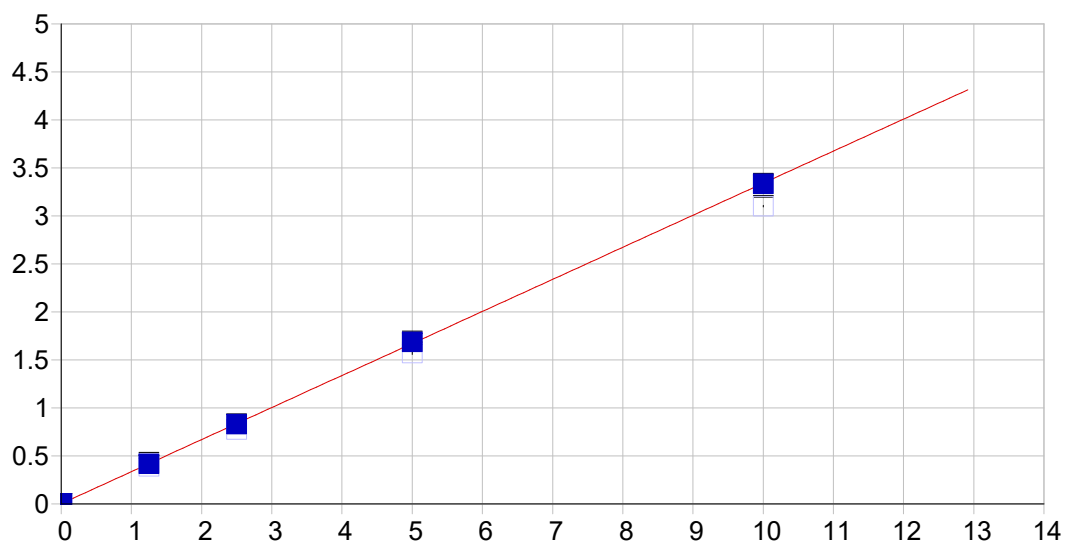


P 177.495 {490}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000976 Re-Slope: 1.000000
 A1 (Gain): 0.035762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.005661
 Predicted MQL: 0.018870

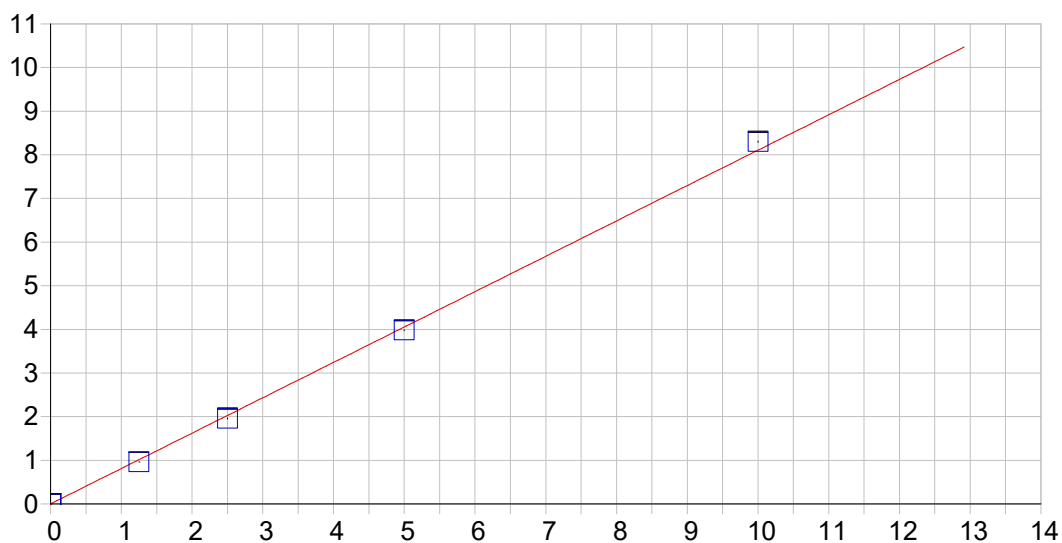
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00098	.000	1
S1	.01000	.01218	.002	21.8	-.00055	.000	1
S2	1.2500	1.1930	-.057	-4.56	.04021	.000	1
S3	2.5000	2.4432	-.057	-2.27	.08344	.001	1
S4	5.0000	4.9378	-.062	-1.24	.16969	.001	1
S5	10.000	10.174	.174	1.74	.35103	.001	1



Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002009 Re-Slope: 1.000000
 A1 (Gain): 0.333864 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001182
 Predicted MQL: 0.003941

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00201	.000	1
S1	.01000	.00839	-.002	-16.1	.00477	.000	1
S2	1.2500	1.2463	-.004	-.294	.38908	.015	1
S3	2.5000	2.4835	-.016	-.659	.77311	.001	1
S4	5.0000	5.0445	.044	.889	1.5701	.012	1
S5	10.000	9.9774	-.023	-.226	3.1009	.008	1

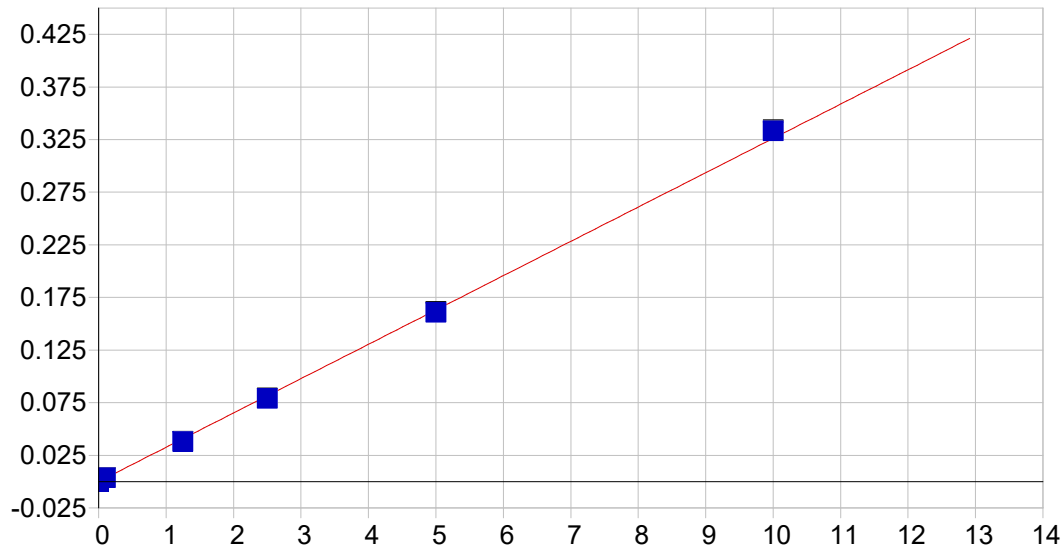


Mo 202.030 {467}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000381 Re-Slope: 1.000000
 A1 (Gain): 0.810647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999634 Status: OK.
 Std Error of Est: 0.000368
 Predicted MDL: 0.000609
 Predicted MQL: 0.002029

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.01000	.01052	.001	5.17	.00891	.000	1
S2	1.2500	1.1862	-.064	-5.11	.96193	.002	1
S3	2.5000	2.4140	-.086	-3.44	1.9573	.013	1
S4	5.0000	4.9083	-.092	-1.83	3.9793	.013	1
S5	10.000	10.241	.241	2.41	8.3022	.015	1

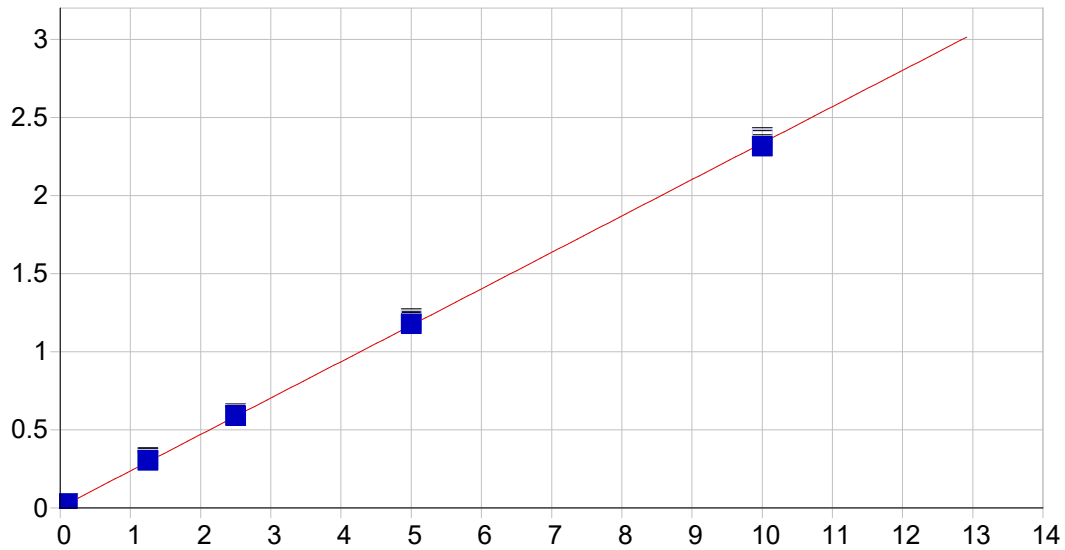


S 182.034 {485}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.032614 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999639 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.007562
 Predicted MQL: 0.025206

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00000	.000	1
S1	.10000	.10554	.006	5.54	.00344	.000	1
S2	1.2500	1.1677	-.082	-6.59	.03808	.000	1
S3	2.5000	2.4260	-.074	-2.96	.07911	.000	1
S4	5.0000	4.9324	-.068	-1.35	.16085	.001	1
S5	10.000	10.218	.218	2.18	.33322	.001	1

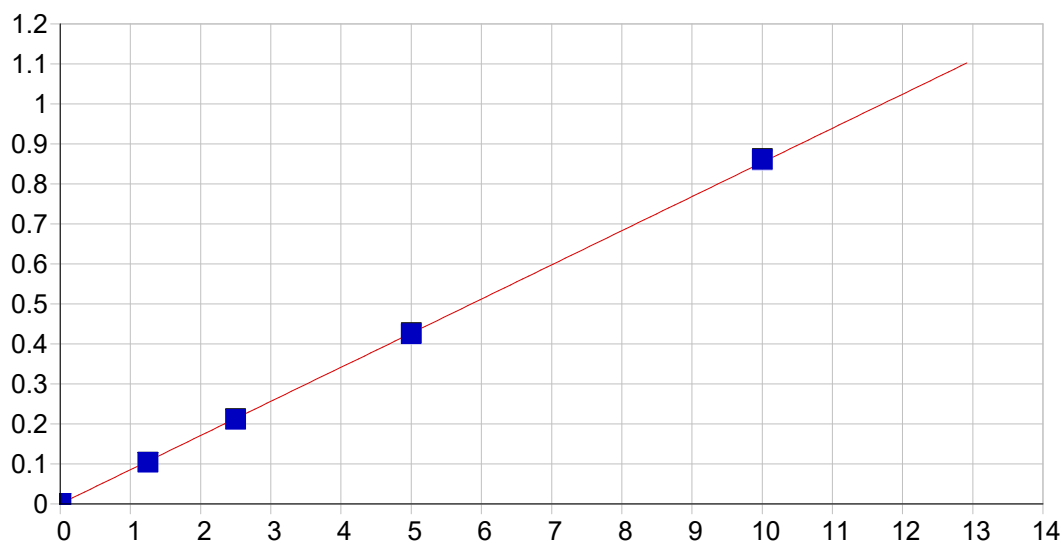


Si 251.611 {134}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003546	Re-Slope:	1.000000
A1 (Gain):	0.233158	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000133		
Predicted MDL:	0.001544		
Predicted MQL:	0.005146		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00355	.000	1
S1	.10000	.09729	-.003	-2.71	.02649	.000	1
S2	1.2500	1.2849	.035	2.79	.30881	.012	1
S3	2.5000	2.5141	.014	.564	.60109	.001	1
S4	5.0000	5.0397	.040	.794	1.2013	.010	1
S5	10.000	9.9140	-.086	-.860	2.3606	.009	1

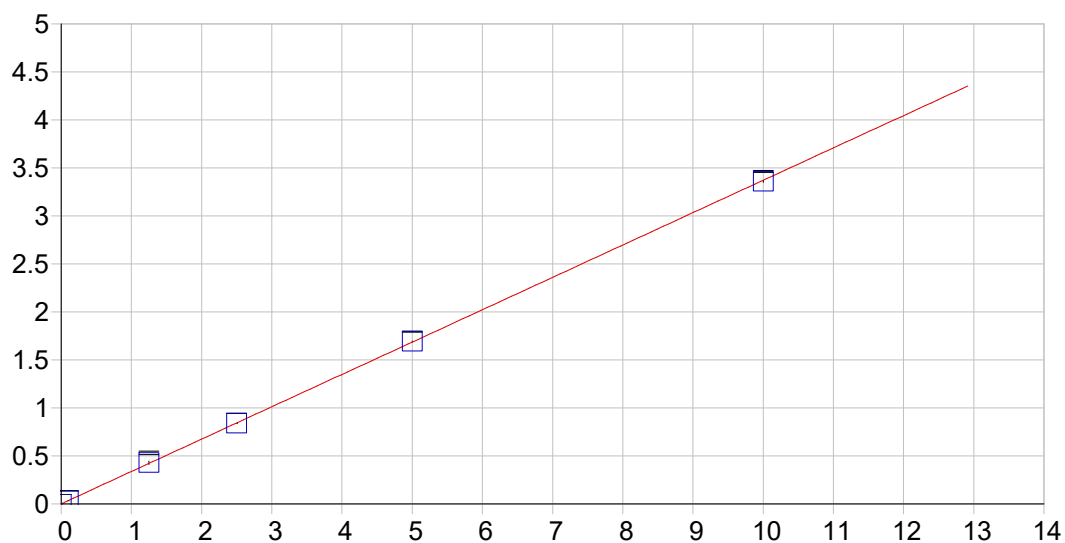


Sn 189.989 {478}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000177	Re-Slope:	1.000000
A1 (Gain):	0.085342	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.002736		
Predicted MQL:	0.009119		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00573	-.001	-18.1	.00065	.000	1
S2	1.2500	1.2121	-.038	-3.03	.10333	.001	1
S3	2.5000	2.4703	-.030	-1.19	.21042	.002	1
S4	5.0000	4.9806	-.019	-.388	.42407	.002	1
S5	10.000	10.088	.088	.882	.85880	.002	1

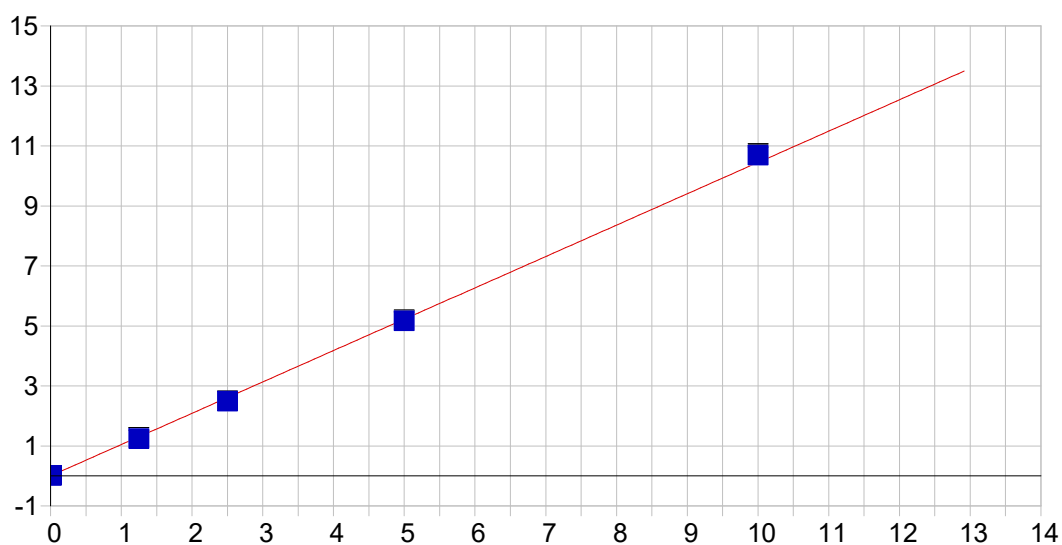


Ti 336.121 {100}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000593	Re-Slope:	1.000000
A1 (Gain):	0.337034	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.001436		
Predicted MQL:	0.004786		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00059	.000	1
S1	.10000	.10010	.000	.104	.03433	.000	1
S2	1.2500	1.2727	.023	1.81	.42953	.018	1
S3	2.5000	2.4885	-.012	-.462	.83929	.000	1
S4	5.0000	5.0178	.018	.356	1.6918	.004	1
S5	10.000	9.9710	-.029	-.290	3.3612	.010	1



Li 670.784 { 50}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000750 Re-Slope: 1.000000
 A1 (Gain): 1.044897 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999611 Status: OK.
 Std Error of Est: 0.000598
 Predicted MDL: 0.001636
 Predicted MQL: 0.005454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00075	.001	1
S5	10.000	10.232	.232	2.32	10.679	.051	1
S4	5.0000	4.9479	-.052	-1.04	5.1636	.033	1
S3	2.5000	2.3856	-.114	-4.58	2.4891	.002	1
S2	1.2500	1.1853	-.065	-5.17	1.2364	.050	1
S1	.01500	.01405	-.001	-6.30	.01385	.000	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				

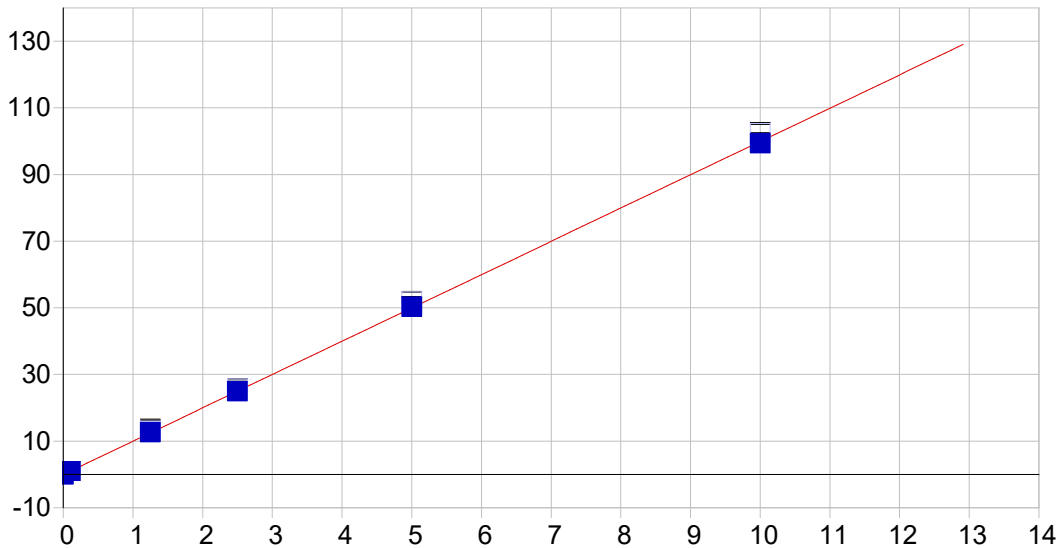
In 230.606 {446}^{*}

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	

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 12/02/2021 13:44:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001197 Re-Slope: 1.000000
 A1 (Gain): 9.991434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.003916
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00125	.000	1
S1	.10000	.10381	.004	3.81	1.0370	.009	1
S2	1.2500	1.2667	.017	1.34	13.030	.555	1
S3	2.5000	2.4981	-.002	-.076	25.708	.031	1
S4	5.0000	5.0397	.040	.794	51.851	.071	1
S5	10.000	9.9418	-.058	-.582	102.33	.281	1

Sample Name: S0 Acquired: 12/02/2021 12:51:07 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00042	-.00084	-.00043	.00090	.00133	-.00183	-.02768	-.00133
Stddev	.00030	.00017	.00063	.00010	.00032	.00079	.00306	.00026
%RSD	71.281	19.988	147.11	11.227	23.780	43.251	11.055	19.697

#1	-.00042	-.00074	-.00108	.00102	.00101	-.00148	-.02440	-.00148
#2	-.00072	-.00104	-.00038	.00086	.00136	-.00273	-.02816	-.00148
#3	-.00012	-.00075	.00018	.00083	.00164	-.00127	-.03047	-.00103

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	.00090	.00127	-.00004	-.00046	.00118	.00021	-.00008	-.00032
Stddev	.00044	.00043	.00003	.00008	.00070	.00012	.00008	.00028
%RSD	49.121	34.085	74.630	18.212	59.544	59.054	99.538	88.984

#1	.00049	.00081	-.00006	-.00050	.00192	.00021	-.00010	-.00020
#2	.00137	.00132	-.00004	-.00036	.00051	.00008	.00001	-.00011
#3	.00085	.00167	-.00001	-.00051	.00113	.00032	-.00016	-.00064

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	-.00137	-.00092	-.00054	-.00027	-.00094	.02577	-.00098	.00201
Stddev	.00014	.00013	.00171	.00006	.00117	.00148	.00014	.00014
%RSD	10.526	14.469	317.91	23.108	124.26	5.7602	14.532	6.8173

#1	-.00122	-.00107	.00038	-.00020	-.00056	.02494	-.00100	.00214
#2	-.00151	-.00084	.00052	-.00032	-.00001	.02748	-.00082	.00202
#3	-.00137	-.00085	-.00252	-.00029	-.00226	.02488	-.00111	.00187

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	.00038	-.00000	.00355	.00018	.00059	-.00075	-.00125	
Stddev	.00018	.00009	.00008	.00017	.00020	.00058	.00030	
%RSD	47.883	11166.	2.1634	94.490	33.224	77.656	23.768	

#1	.00041	-.00004	.00346	.00028	.00082	-.00076	-.00139	
#2	.00019	.00011	.00358	.00027	.00045	-.00016	-.00145	
#3	.00055	-.00007	.00360	-.00002	.00051	-.00132	-.00091	

Sample Name: S0 Acquired: 12/02/2021 12:51:07 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	846.76	34876.	6143.5	880.17	1445.4
Stddev	.94	53.	26.5	.52	4.8
%RSD	.11056	.15314	.43080	.05917	.33452
#1	846.08	34814.	6113.7	879.61	1439.8
#2	846.36	34908.	6152.4	880.26	1447.8
#3	847.82	34905.	6164.4	880.64	1448.4

Sample Name: S1 Acquired: 12/02/2021 12:55:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) 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	-.00008	-.00004	.00077	.00374	.01047	.01628	.60525	.01635
Stddev	.00019	.00002	.00060	.00025	.00053	.00101	.00781	.00016
%RSD	227.59	47.427	78.050	6.7430	5.0197	6.2263	1.2908	.95182

#1	-.00026	-.00002	.00040	.00389	.01022	.01736	.59648	.01652
#2	.00012	-.00006	.00147	.00345	.01012	.01612	.61145	.01621
#3	-.00012	-.00004	.00045	.00389	.01107	.01536	.60782	.01634

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	.01590	.19727	.00126	.04226	.00490	.00274	.00484	.04513
Stddev	.00017	.00036	.00003	.00035	.00029	.00006	.00011	.00043
%RSD	1.0817	.18335	2.5035	.82651	5.9186	2.0216	2.1841	.95773

#1	.01571	.19755	.00130	.04211	.00475	.00273	.00472	.04463
#2	.01593	.19739	.00123	.04202	.00524	.00280	.00490	.04536
#3	.01605	.19686	.00126	.04266	.00472	.00270	.00490	.04539

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	.01921	.00132	.03049	.00522	.00900	.11206	-.00055	.00477
Stddev	.00020	.00010	.00223	.00014	.00098	.00220	.00007	.00018
%RSD	1.0313	7.4395	7.2994	2.5913	10.886	1.9639	13.024	3.8076

#1	.01929	.00121	.02855	.00514	.00938	.11071	-.00062	.00493
#2	.01898	.00135	.03292	.00537	.00789	.11087	-.00047	.00479
#3	.01936	.00140	.02999	.00514	.00973	.11460	-.00056	.00457

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	.00891	.00344	.02649	.00065	.03433	.01385	1.0370	
Stddev	.00042	.00029	.00006	.00018	.00046	.00022	.0086	
%RSD	4.7288	8.4077	.21025	28.175	1.3422	1.6202	.82790	

#1	.00939	.00338	.02643	.00085	.03382	.01400	1.0272	
#2	.00867	.00318	.02654	.00052	.03445	.01359	1.0432	
#3	.00865	.00375	.02649	.00056	.03472	.01396	1.0406	

Sample Name: S1 Acquired: 12/02/2021 12:55:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	842.07	34781.	6159.5	885.20	1454.8
Stddev	1.06	119.	19.1	3.65	4.7
%RSD	.12553	.34321	.31056	.41283	.32345
#1	840.91	34880.	6179.7	883.42	1450.4
#2	842.32	34648.	6141.6	882.77	1454.1
#3	842.98	34814.	6157.2	889.40	1459.8

Sample Name: S2 Acquired: 12/02/2021 12:59:21 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) 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	.04394	.05178	1.0005	.10418	.19693	3.5778	7.9056	.42567
Stddev	.00014	.00011	.0025	.00055	.00107	.1470	.3225	.01722
%RSD	.32339	.21792	.24548	.52653	.54177	4.1073	4.0789	4.0465

#1	.04408	.05172	1.0006	.10420	.19812	3.5048	7.7614	.41899
#2	.04380	.05171	1.0030	.10362	.19605	3.7469	8.2750	.44523
#3	.04393	.05191	.99805	.10472	.19663	3.4816	7.6804	.41278

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6956	2.4549	.50756	.52689	.54702	.95012	1.1758	.56688
Stddev	.0005	.1084	.00042	.00161	.02352	.03936	.0503	.02427
%RSD	.03057	4.4147	.08189	.30484	4.2993	4.1429	4.2811	4.2813

#1	1.6962	2.4030	.50717	.52867	.53614	.93077	1.1507	.55426
#2	1.6953	2.5795	.50800	.52645	.57401	.99542	1.2337	.59486
#3	1.6954	2.3823	.50752	.52555	.53092	.92418	1.1429	.55153

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	.31015	.06525	.23640	.06340	.60591	.68940	.04021	.38908
Stddev	.00097	.00016	.00885	.00257	.00757	.03063	.00016	.01549
%RSD	.31337	.23915	3.7427	4.0540	1.2490	4.4425	.40830	3.9803

#1	.31095	.06526	.23121	.06232	.60048	.67584	.04015	.38100
#2	.31043	.06509	.24662	.06633	.60270	.72446	.04008	.40694
#3	.30907	.06540	.23138	.06154	.61456	.66789	.04039	.37931

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	.96193	.03808	.30881	.10333	.42953	1.2364	13.030
Stddev	.00209	.00008	.01210	.00053	.01827	.0501	.555
%RSD	.21676	.20142	3.9198	.51518	4.2528	4.0516	4.2559

#1	.96375	.03799	.30438	.10291	.42161	1.2112	12.803
#2	.95966	.03813	.32250	.10393	.45042	1.2941	13.662
#3	.96239	.03811	.29954	.10316	.41656	1.2039	12.625

Sample Name: S2 Acquired: 12/02/2021 12:59:21 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	808.81	34375.	5973.9	853.59	1393.0
Stddev	2.39	32.	226.1	5.31	2.1
%RSD	.29572	.09298	3.7850	.62222	.15237
#1	806.12	34412.	6062.0	853.73	1391.6
#2	809.64	34357.	5717.0	858.83	1392.0
#3	810.68	34356.	6142.7	848.21	1395.5

Sample Name: S3 Acquired: 12/02/2021 13:03:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) 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	.08977	.10571	2.0286	.20907	.39803	7.0916	15.700	.82935
Stddev	.00102	.00064	.0090	.00176	.00254	.0131	.014	.00100
%RSD	1.1335	.60606	.44309	.84378	.63766	.18514	.08909	.12003

#1	.09010	.10530	2.0207	.20781	.39818	7.0813	15.697	.82827
#2	.08863	.10538	2.0266	.20831	.39542	7.0871	15.687	.82954
#3	.09058	.10645	2.0384	.21108	.40049	7.1064	15.715	.83023

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	3.4020	4.8481	1.0002	1.0712	1.0742	1.8630	2.3064	1.1343
Stddev	.0162	.0051	.0022	.0067	.0017	.0058	.0046	.0031
%RSD	.47628	.10555	.22262	.62363	.15764	.31356	.20049	.27470

#1	3.3886	4.8492	.99812	1.0664	1.0760	1.8652	2.3055	1.1350
#2	3.3974	4.8426	1.0026	1.0684	1.0726	1.8564	2.3023	1.1309
#3	3.4200	4.8526	.99991	1.0789	1.0740	1.8674	2.3114	1.1371

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	.62699	.13455	.47170	.12345	1.2306	1.3521	.08344	.77311
Stddev	.00342	.00039	.00098	.00079	.0117	.0025	.00069	.00080
%RSD	.54566	.28913	.20677	.63753	.95280	.18316	.82724	.10401

#1	.62447	.13439	.47145	.12327	1.2424	1.3530	.08327	.77293
#2	.62561	.13427	.47087	.12277	1.2189	1.3493	.08285	.77399
#3	.63088	.13500	.47278	.12431	1.2304	1.3539	.08420	.77241

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	1.9573	.07911	.60109	.21042	.83929	2.4891	25.708
Stddev	.0135	.00024	.00055	.00163	.00048	.0023	.031
%RSD	.68933	.30158	.09087	.77387	.05710	.09298	.12099

#1	1.9471	.07885	.60048	.20878	.83898	2.4876	25.734
#2	1.9521	.07917	.60130	.21044	.83904	2.4918	25.673
#3	1.9726	.07931	.60151	.21204	.83984	2.4880	25.716

Sample Name: S3 Acquired: 12/02/2021 13:03:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	773.96	33752.	6002.5	830.05	1328.3
Stddev	4.12	151.	27.9	7.09	4.1
%RSD	.53231	.44686	.46531	.85383	.31039
#1	774.66	33587.	5972.3	822.41	1330.9
#2	777.68	33784.	6008.0	836.41	1330.6
#3	769.53	33884.	6027.3	831.33	1323.6

Sample Name: S4 Acquired: 12/02/2021 13:07:08 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) 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	.18259	.20777	4.0662	.40830	.80521	14.574	31.830	1.6569
Stddev	.00061	.00071	.0020	.00260	.00206	.039	.023	.0112
%RSD	.33654	.34144	.04942	.63714	.25570	.26711	.07313	.67359

#1	.18207	.20711	4.0651	.41061	.80294	14.529	31.808	1.6443
#2	.18327	.20767	4.0649	.40548	.80576	14.597	31.828	1.6654
#3	.18244	.20852	4.0685	.40880	.80694	14.597	31.854	1.6609

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	6.7292	9.8223	1.9543	2.1565	2.1477	3.7200	4.6073	2.3273
Stddev	.0094	.0602	.0043	.0028	.0016	.0184	.0337	.0135
%RSD	.14033	.61311	.22006	.12913	.07248	.49342	.73195	.57900

#1	6.7203	9.7562	1.9560	2.1549	2.1461	3.6988	4.5686	2.3123
#2	6.7282	9.8741	1.9575	2.1550	2.1492	3.7292	4.6304	2.3385
#3	6.7391	9.8364	1.9494	2.1597	2.1478	3.7319	4.6229	2.3310

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	1.2567	.27567	.95969	.24897	2.5110	2.7411	.16969	1.5701
Stddev	.0019	.00017	.00203	.00202	.0169	.0096	.00089	.0119
%RSD	.15197	.06212	.21144	.81083	.67231	.35109	.52482	.75548

#1	1.2547	.27576	.95767	.24734	2.4990	2.7319	.16883	1.5576
#2	1.2569	.27547	.96173	.25123	2.5037	2.7511	.16964	1.5812
#3	1.2585	.27578	.95966	.24835	2.5303	2.7404	.17061	1.5714

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	3.9793	.16085	1.2013	.42407	1.6918	5.1636	51.851
Stddev	.0133	.00063	.0099	.00242	.0035	.0329	.071
%RSD	.33361	.39383	.82754	.57027	.20808	.63728	.13643

#1	3.9836	.16036	1.1912	.42128	1.6890	5.1256	51.812
#2	3.9644	.16062	1.2111	.42557	1.6957	5.1828	51.933
#3	3.9898	.16156	1.2017	.42536	1.6906	5.1824	51.809

Sample Name: S4 Acquired: 12/02/2021 13:07:08 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	729.29	32985.	5849.2	790.33	1251.8
Stddev	.93	126.	35.9	1.40	.8
%RSD	.12719	.38099	.61291	.17685	.06645
#1	728.91	32892.	5874.2	791.91	1252.4
#2	730.35	32935.	5808.1	789.25	1250.8
#3	728.61	33128.	5865.2	789.83	1252.2

Sample Name: S5 Acquired: 12/02/2021 13:11:01 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) 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	.38482	.40757	8.1350	.81254	1.6945	29.800	63.248	3.2430
Stddev	.00053	.00246	.0215	.00318	.0029	.114	.698	.0095
%RSD	.13852	.60253	.26382	.39135	.17115	.38151	1.1039	.29436

#1	.38542	.40474	8.1133	.81000	1.6919	29.926	64.037	3.2541
#2	.38439	.40881	8.1356	.81150	1.6939	29.706	62.711	3.2378
#3	.38466	.40916	8.1562	.81610	1.6976	29.767	62.997	3.2373

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	13.258	19.603	3.8084	4.3266	4.3099	7.2796	9.0685	4.7228
Stddev	.046	.053	.0091	.0140	.0103	.0294	.0382	.0151
%RSD	.34795	.26950	.23848	.32248	.23824	.40418	.42072	.32059

#1	13.231	19.649	3.8157	4.3182	4.3199	7.3099	9.1045	4.7365
#2	13.231	19.545	3.7982	4.3189	4.2994	7.2511	9.0285	4.7066
#3	13.311	19.616	3.8113	4.3427	4.3103	7.2778	9.0725	4.7253

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	2.4997	.56885	1.9424	.49191	5.2578	5.5932	.35103	3.1009
Stddev	.0068	.00130	.0045	.00322	.0486	.0173	.00093	.0082
%RSD	.27169	.22852	.23291	.65399	.92488	.30876	.26496	.26563

#1	2.4952	.56996	1.9464	.49504	5.2316	5.6126	.34997	3.1083
#2	2.4964	.56742	1.9375	.48861	5.2278	5.5793	.35169	3.0920
#3	2.5075	.56918	1.9433	.49209	5.3139	5.5879	.35143	3.1022

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	8.3022	.33322	2.3606	.85880	3.3612	10.679	102.33
Stddev	.0145	.00085	.0091	.00247	.0101	.051	.28
%RSD	.17496	.25474	.38668	.28765	.29900	.48097	.27482

#1	8.2980	.33276	2.3699	.85933	3.3725	10.735	102.51
#2	8.2903	.33271	2.3517	.85610	3.3533	10.634	102.00
#3	8.3184	.33420	2.3601	.86096	3.3577	10.669	102.47

Sample Name: S5 Acquired: 12/02/2021 13:11:01 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	658.91	31846.	5743.1	724.69	1159.6
Stddev	.95	124.	15.3	6.35	3.4
%RSD	.14371	.39003	.26562	.87568	.29632
#1	659.14	31852.	5735.2	729.59	1163.0
#2	659.71	31967.	5760.7	726.95	1159.8
#3	657.86	31718.	5733.4	717.52	1156.1

Sample Name: S6 Acquired: 12/02/2021 13:15:08 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) 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	79.999	32.468	19.700	7.9837	5.3866
Stddev	.554	.100	.069	.0307	.0175
%RSD	.69255	.30672	.34828	.38432	.32512

#1	79.479	32.581	19.758	8.0137	5.4053
#2	79.935	32.391	19.624	7.9524	5.3706
#3	80.582	32.433	19.718	7.9852	5.3838

Int. Std.	Y_3710
Units	Cts/S
Avg	5591.7
Stddev	16.2
%RSD	.28965

#1	5610.4
#2	5582.4
#3	5582.3

Sample Name: ICV002 Acquired: 12/02/2021 13:19:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.005217	1.067217	1.013442	1.064667	.9874225	2.434112
Stddev	.025103	.017509	.010941	.013632	.0115684	.015891
%RSD	2.497225	1.640656	1.079607	1.280411	1.171577	.6528356

#1	1.019222	1.079075	1.013962	1.078340	.9975932	2.420077
#2	.976237	1.047107	1.002249	1.051077	.9748374	2.430894
#3	1.020193	1.075471	1.024113	1.064585	.9898370	2.451366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5277074	.5515056	.5361256	10.50507	.5551244	.5208052
Stddev	.0002926	.0031293	.0066162	.07403	.0004617	.0085066
%RSD	.0554405	.5674113	1.234081	.7046927	.0831664	1.633362

#1	.5280440	.5483569	.5392916	10.47680	.5546861	.5249632
#2	.5275641	.5546151	.5285212	10.58907	.5550808	.5110193
#3	.5275141	.5515448	.5405640	10.44935	.5556064	.5264331

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5265854	10.31025	.5419439	5.781031	.5364001	.2262938
Stddev	.0028676	.02972	.0058865	.062718	.0070018	.0003478
%RSD	.5445685	.2882671	1.086185	1.084902	1.305324	.1536925

#1	.5253618	10.29719	.5376574	5.715035	.5399816	.2266431
#2	.5245326	10.34427	.5486555	5.839855	.5283321	.2259476
#3	.5298618	10.28929	.5395187	5.788201	.5408866	.2262906

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.638312	.5373237	.9633065	9.604813	F .0064677	F .0207207
Stddev	.224537	.0035795	.0016321	.098123	.0032766	.0006735
%RSD	2.329628	.6661682	.1694303	1.021603	50.66002	3.250367

#1	9.470829	.5339046	.9644289	9.503077	.0031036	.0206828
#2	9.550651	.5410444	.9614342	9.612489	.0066505	.0214123
#3	9.893456	.5370223	.9640566	9.698873	.0096491	.0200669

Sample Name: ICV002 Acquired: 12/02/2021 13:19:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0007992	F .0049911	F .0081151	F .0032344	F -.000910	F .0058290
Stddev	.0003478	.0040390	.0022084	.0021729	.001085	.0004544
%RSD	43.51247	80.92561	27.21298	67.17972	119.1491	7.795834

#1	.0004454	.0028697	.0068329	.0049474	-.002086	.0053981
#2	.0011405	.0096488	.0106651	.0007903	-.000695	.0063037
#3	.0008117	.0024547	.0068473	.0039654	.000051	.0057852

Elem	Sr4077
Units	ppm
Avg	F -.008962
Stddev	.000061
%RSD	.6763410

#1	-.008921
#2	-.008935
#3	-.009032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	827.4915	34471.01	6035.101	868.8764	1455.932
Stddev	8.3577	112.28	34.057	3.2100	14.949
%RSD	1.010002	.3257171	.5643161	.3694461	1.026792

#1	821.4270	34345.40	6058.986	872.0298	1449.279
#2	837.0251	34506.04	5996.103	868.9870	1473.053
#3	824.0223	34561.60	6050.215	865.6126	1445.463

Sample Name: ICB002 Acquired: 12/02/2021 13:23:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032706	-.001466	.0019338	.0038084	.0008811	.0311460	-.000928
Stddev	.0116975	.003711	.0032563	.0005091	.0019282	.0082604	.000495
%RSD	357.6552	253.1367	168.3897	13.36902	218.8330	26.52155	53.32613

#1	.0067562	-.005015	.0019497	.0032968	-.001073	.0304961	-.001487
#2	.0128292	.002387	-.001330	.0043150	.000935	.0397122	-.000545
#3	-.009774	-.001770	.005182	.0038135	.002782	.0232298	-.000752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001000	.0002481	.0270602	.0007760	.0003189	.0030660	.0319293
Stddev	.0001068	.0001129	.0023133	.0001962	.0000727	.0028204	.0100427
%RSD	106.7899	45.48661	8.548519	25.28600	22.79265	91.99092	31.45296

#1	.0001172	.0003670	.0244237	.0009930	.0003651	.0025245	.0434257
#2	-.000014	.0002349	.0280072	.0006110	.0002351	.0061178	.0248659
#3	.000197	.0001424	.0287497	.0007240	.0003563	.0005555	.0274962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006213	.0584249	.0000459	.0002027	-.202662	-.000481	.0012555
Stddev	.0005563	.0140754	.0004205	.0004317	.256019	.001584	.0033742
%RSD	89.53554	24.09137	917.0897	212.9987	126.3279	328.8915	268.7458

#1	-.000010	.0435524	.0005186	.0001476	-.465967	.000831	.0047721
#2	.000834	.0715376	-.000095	-.000199	.045389	-.000035	-.001955
#3	.001040	.0601848	-.000286	.000659	-.187409	-.002240	.000950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723834	.0081639	.0066398	.0002681	.0086738	.0011623	.0008917
Stddev	.0709159	.0027549	.0014014	.0000480	.0049895	.0004971	.0025585
%RSD	97.97255	33.74445	21.10552	17.88827	57.52398	42.76396	286.9265

#1	.0106172	.0111840	.0082270	.0002395	.0127511	.0007342	.0014721
#2	.1498258	.0075190	.0061191	.0002413	.0101603	.0017074	.0031101
#3	.0567073	.0057887	.0055734	.0003234	.0031100	.0010454	-.001907

Sample Name: ICB002 Acquired: 12/02/2021 13:23:37 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001530	.0047863	.0004516
Stddev	.0007348	.0015359	.0000451
%RSD	480.3827	32.09032	9.994827

#1	.0009604	.0030877	.0004555
#2	-.000025	.0051937	.0004946
#3	-.000477	.0060774	.0004046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	819.9476	34323.92	5953.917	864.4873	1426.773
Stddev	3.4545	167.57	14.946	8.4336	5.177
%RSD	.4213084	.4881992	.2510349	.9755614	.3628561

#1	816.4066	34262.76	5971.175	870.4396	1421.960
#2	820.1278	34195.52	5945.200	854.8363	1432.250
#3	823.3086	34513.48	5945.375	868.1859	1426.108

Sample Name: ICSA002 Acquired: 12/02/2021 13:27:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014463	-.002758	.0035765	.0191875	.0032950	240.8370
Stddev	.0032775	.007295	.0059883	.0011070	.0013245	.9296
%RSD	226.6061	264.5314	167.4344	5.769542	40.19603	.3859670

#1	-.001086	.005506	.0104518	.0193071	.0032116	239.8155
#2	.005148	-.008304	.0007765	.0180255	.0046593	241.0623
#3	.000277	-.005474	-.000499	.0202298	.0020142	241.6332

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039489	.0010175	-.001063	251.8305	.0552656	.0004642
Stddev	.0004603	.0000180	.000077	1.0827	.0004805	.0007040
%RSD	11.65706	1.773317	7.281930	.4299265	.8693608	151.6514

#1	.0038356	.0010227	-.001140	250.6392	.0547209	-.000161
#2	.0035557	.0010324	-.001064	252.0980	.0556289	.001227
#3	.0044553	.0009974	-.000985	252.7544	.0554471	.000326

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036450	102.4778	.0104381	247.7703	.0033489	-.007566
Stddev	.0016661	.3189	.0004851	.9446	.0003809	.000572
%RSD	45.70891	.3111481	4.647107	.3812268	11.37420	7.560167

#1	.0051690	102.2150	.0100030	246.7691	.0037804	-.008105
#2	.0038997	102.3860	.0103502	247.8961	.0030591	-.006966
#3	.0018662	102.8325	.0109611	248.6457	.0032074	-.007628

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511267	-.000813	.0141880	-.184109	-.000437	F .1102193
Stddev	.1263741	.002919	.0053904	.035992	.004375	.0014395
%RSD	247.1781	359.2093	37.99254	19.54950	1000.761	1.306050

#1	.1596922	.001498	.0145715	-.221641	-.005411	.1113835
#2	-.087599	.000157	.0193764	-.180802	.001284	.1086098
#3	.081287	-.004093	.0086161	-.149884	.002815	.1106647

Sample Name: ICSA002 Acquired: 12/02/2021 13:27:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0107101	-.002916	.0041181	-.001580	.0048395
Stddev	.000226	.0056824	.001644	.0017924	.000471	.0015522
%RSD	843.0819	53.05640	56.39615	43.52468	29.78822	32.07371

#1	.000091	.0041841	-.002617	.0058942	-.002031	.0044034
#2	.000117	.0133828	-.001441	.0041502	-.001619	.0035519
#3	-.000288	.0145634	-.004688	.0023099	-.001091	.0065631

Elem	Sr4077
Units	ppm
Avg	.0029369
Stddev	.0004964
%RSD	16.90196

#1	.0033256
#2	.0031074
#3	.0023777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.0764	32794.80	5841.524	814.0462	1295.201
Stddev	2.8207	148.48	19.453	.6165	3.776
%RSD	.3672395	.4527404	.3330145	.0757326	.2915045

#1	769.1879	32674.79	5850.414	814.6974	1295.957
#2	770.1721	32960.84	5819.214	813.4715	1298.541
#3	764.8694	32748.78	5854.944	813.9697	1291.104

Sample Name: ICSAB002 Acquired: 12/02/2021 13:31:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933615	.0940711	.0517087	.0612181	.5872302	241.0265
Stddev	.0114002	.0031578	.0052764	.0053839	.0066513	.6644
%RSD	12.21081	3.356844	10.20400	8.794607	1.132662	.2756343

#1	.1061025	.0906180	.0504936	.0658316	.5946226	241.7874
#2	.0841250	.0968120	.0574866	.0625203	.5853381	240.7307
#3	.0898569	.0947833	.0471459	.0553026	.5817300	240.5615

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5076647	.5248441	1.006499	252.8627	.5625309	.5007658
Stddev	.0005287	.0039378	.002057	.9818	.0012907	.0006023
%RSD	.1041465	.7502751	.2044185	.3882931	.2294510	.1202653

#1	.5070988	.5276414	1.004474	253.3003	.5636273	.5001446
#2	.5081460	.5203410	1.006437	251.7381	.5611083	.5008056
#3	.5077493	.5265498	1.008588	253.5496	.5628570	.5013471

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4963568	102.9353	.5193722	248.4870	1.012618	.1988421
Stddev	.0016768	.3036	.0016652	.9942	.001197	.0007698
%RSD	.3378176	.2949482	.3206074	.4000828	.1181680	.3871201

#1	.4974713	103.0171	.5196652	249.2281	1.013935	.1996033
#2	.4971707	102.5992	.5175800	247.3573	1.012322	.1988590
#3	.4944285	103.1897	.5208714	248.8758	1.011597	.1980640

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017991	.5142568	.9782274	-.405439	.0032715	F .1101015
Stddev	.216798	.0039649	.0119143	.037347	.0101272	.0016396
%RSD	1205.018	.7709961	1.217948	9.211593	309.5579	1.489185

#1	.071892	.5145982	.9748975	-.382170	.0146291	.1118769
#2	-.265274	.5101323	.9914524	-.448518	.0000038	.1097832
#3	.139409	.5180400	.9683324	-.385630	-.004818	.1086443

Sample Name: ICSAB002 Acquired: 12/02/2021 13:31:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002237	.0090336	.0016014	.0009617	-.003288	.0035172
Stddev	.0010049	.0086199	.0013095	.0017376	.000644	.0014118
%RSD	449.1710	95.42068	81.77292	180.6856	19.58190	40.13997

#1	-.000871	.0036248	.0027325	.0023898	-.003930	.0019625
#2	.000438	.0189741	.0001668	-.000973	-.003294	.0038697
#3	.001104	.0045018	.0019049	.001468	-.002642	.0047193

Elem	Sr4077
Units	ppm
Avg	.0025913
Stddev	.0004131
%RSD	15.94294

#1	.0028287
#2	.0028310
#3	.0021143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.8497	32832.19	5816.710	815.2408	1298.516
Stddev	1.1091	150.07	24.378	9.3865	.586
%RSD	.1442491	.4570706	.4190990	1.151374	.0451333

#1	769.8688	32762.79	5800.160	817.4460	1298.084
#2	769.0119	32729.38	5844.704	804.9481	1299.183
#3	767.6685	33004.39	5805.267	823.3283	1298.281

Sample Name: CCV078 Acquired: 12/02/2021 13:35:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972154	5.068933	25.47712	4.930690	5.062509	388.8788	10.32846
Stddev	.034478	.008556	.03142	.007748	.025840	6.4255	.14399
%RSD	.6934171	.1687834	.1233258	.1571332	.5104270	1.652310	1.394087

#1	4.964344	5.074535	25.49837	4.921769	5.032677	381.4595	10.16393
#2	5.009867	5.073179	25.49196	4.934566	5.077940	392.6316	10.43146
#3	4.942251	5.059085	25.44103	4.935734	5.076911	392.5454	10.38998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5172968	2.549251	400.0711	15.48765	2.586486	15.40465	400.2820
Stddev	.0066481	.002844	6.8216	.02991	.003524	.23235	7.1845
%RSD	1.285159	.1115538	1.705104	.1931363	.1362643	1.508316	1.794855

#1	.5101853	2.552524	392.2192	15.45947	2.589514	15.14107	392.0013
#2	.5233558	2.547389	403.4533	15.48445	2.587328	15.57980	403.9872
#3	.5183494	2.547839	404.5407	15.51903	2.582617	15.49308	404.8574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50921	399.4334	2.564473	1.317733	389.9483	2.567784	15.45033
Stddev	.26113	7.5333	.006904	.003727	6.2051	.040030	.02227
%RSD	1.683716	1.886001	.2691994	.2828494	1.591257	1.558915	.1441319

#1	15.20939	390.7876	2.572355	1.314940	382.7909	2.521799	15.42479
#2	15.63134	402.9267	2.561567	1.321965	393.8138	2.586720	15.46564
#3	15.68689	404.5860	2.559498	1.316295	393.2401	2.594831	15.46058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.8364	5.183554	5.435841	5.071205	5.177326	5.158877	5.141402
Stddev	2.3054	.003851	.073267	.002531	.012860	.069321	.012845
%RSD	1.469910	.0742896	1.347855	.0499086	.2483924	1.343720	.2498408

#1	154.2119	5.186347	5.353905	5.070352	5.185659	5.081753	5.152123
#2	158.5341	5.179161	5.495056	5.074053	5.162515	5.215994	5.127164
#3	157.7633	5.185153	5.458562	5.069211	5.183805	5.178883	5.144918

Sample Name: CCV078 Acquired: 12/02/2021 13:35:55 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.135913	5.329482	4.919789
Stddev	.090906	.092836	.077793
%RSD	1.770012	1.741931	1.581225

#1	5.030945	5.223611	4.830810
#2	5.188777	5.367854	4.974946
#3	5.188018	5.396979	4.953609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	693.6423	31823.26	5742.260	752.5765	1175.197
Stddev	1.3538	122.76	74.568	2.6185	2.556
%RSD	.1951711	.3857447	1.298575	.3479379	.2174843

#1	693.7890	31954.22	5826.959	750.3487	1172.838
#2	692.2211	31804.76	5686.501	751.9200	1174.842
#3	694.9167	31710.80	5713.319	755.4608	1177.912

Sample Name: CCB078 Acquired: 12/02/2021 13:39:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001368	-.000843	-.000211	.0013535	.0000784	.0074626
Stddev	.007649	.002093	.002189	.0025264	.0007222	.0014253
%RSD	559.2327	248.2614	1039.653	186.6517	921.5002	19.09968

#1	.007086	.000327	-.002662	-.001030	.0007940	.0081473
#2	-.007809	-.003259	.001549	.001088	.0000913	.0058241
#3	-.003380	.000403	.000481	.004002	-.000650	.0084164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001639	.0000846	.0000437	.0042499	.0003146	.0001660
Stddev	.000172	.0000471	.0001746	.0131650	.0004821	.0001122
%RSD	10.50346	55.68336	399.8727	309.7713	153.2521	67.57068

#1	-.001626	.0000434	-.000147	.0186293	.0003826	.0001259
#2	-.001474	.0001360	.000196	-.007211	.0007592	.0002927
#3	-.001818	.0000744	.000082	.001331	-.000198	.0000794

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026248	.0014430	-.000186	.0197807	.0005090	-.000214
Stddev	.0001019	.0047331	.000353	.0064783	.0005510	.000369
%RSD	3.880857	328.0059	190.0266	32.75057	108.2390	172.7599

#1	.0026110	.0041586	-.000541	.0269384	.0006286	-.000104
#2	.0027329	.0041927	.000166	.0180846	.0009904	.000088
#3	.0025305	-.004022	-.000183	.0143192	-.000092	-.000626

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.349300	.0015987	-.001004	-.004871	.0000004	F .0113865
Stddev	.197850	.0021671	.002911	.077719	.0025597	.0005377
%RSD	56.64182	135.5542	290.0921	1595.490	671780.8	4.722352

#1	-.382443	-.000058	.000943	.083826	.0017571	.0114019
#2	-.528485	.000802	-.004350	-.061048	.0011806	.0108413
#3	-.136971	.004051	.000397	-.037392	-.002937	.0119164

Sample Name: CCB078 Acquired: 12/02/2021 13:39:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004601	.0012973	.0020236	.0007131	.0007696	.0044372
Stddev	.0002061	.0017008	.0008238	.0013559	.0017168	.0002622
%RSD	44.78974	131.1053	40.70905	190.1357	223.0876	5.907943

#1	.0006981	.0001779	.0025909	-.000219	-.000137	.0042819
#2	.0003409	.0004595	.0010787	.002269	.002750	.0042898
#3	.0003414	.0032545	.0024013	.000090	-.000304	.0047398

Elem	Sr4077
Units	ppm
Avg	.0000255
Stddev	.0000538
%RSD	210.8386

#1	-.000003
#2	.000088
#3	-.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	817.3826	34271.59	5901.758	865.7297	1430.468
Stddev	2.9662	114.06	32.838	1.1048	3.353
%RSD	.3628873	.3328193	.5564059	.1276194	.2344287

#1	816.1626	34328.13	5890.900	866.6101	1433.634
#2	820.7642	34346.33	5875.725	864.4899	1430.814
#3	815.2210	34140.30	5938.650	866.0893	1426.954

Sample Name: PB141059BS Acquired: 12/02/2021 13:50:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192867	.0496863	.0172291	.0785810	.1156022	.3839983	.3915370
Stddev	.0099935	.0030971	.0033104	.0052362	.0013144	.0015919	.0017739
%RSD	51.81567	6.233292	19.21396	6.663463	1.136980	.4145574	.4530560

#1	.0228658	.0461884	.0199967	.0796707	.1151624	.3825222	.3911090
#2	.0269977	.0520799	.0181288	.0728856	.1145641	.3837877	.3934858
#3	.0079964	.0507904	.0135619	.0831866	.1170801	.3856850	.3900164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110888	.0109280	10.24888	.0202205	.0967604	.0533237	.1822489
Stddev	.0000846	.0002969	.09213	.0006186	.0013348	.0011861	.0036057
%RSD	.7628231	2.716488	.8989225	3.059171	1.379534	2.224339	1.978448

#1	.0109995	.0106462	10.34163	.0205117	.0973705	.0529489	.1846374
#2	.0111676	.0109000	10.15739	.0206397	.0952295	.0546519	.1840081
#3	.0110994	.0112379	10.24761	.0195101	.0976811	.0523703	.1781013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0323400	9.759032	.0793104	.0197906	9.584585	.1064638	.1087720
Stddev	.0003145	.067385	.0006222	.0009567	.009834	.0037678	.0051357
%RSD	.9725092	.6904891	.7845005	4.834034	.1026015	3.539058	4.721527

#1	.0323057	9.832089	.0794699	.0191278	9.588456	.1084258	.1136134
#2	.0326703	9.699313	.0786239	.0208874	9.573404	.1021199	.1033855
#3	.0320441	9.745695	.0798372	.0193567	9.591894	.1088457	.1093172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.525318	.0196828	.0222757	.0207732	.1846123	.2004981	.0121840
Stddev	.048062	.0024784	.0007660	.0004863	.0139788	.0030941	.0008485
%RSD	.5045722	12.59167	3.438489	2.341213	7.571957	1.543201	6.964431

#1	9.580043	.0205345	.0213952	.0208667	.1783253	.2028539	.0116149
#2	9.489963	.0168908	.0227879	.0202469	.1748811	.1969940	.0117777
#3	9.505949	.0216230	.0226441	.0212060	.2006307	.2016465	.0131593

Sample Name: PB141059BS Acquired: 12/02/2021 13:50:20 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS059 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2073303	.0301978	.2075901
Stddev	.0022457	.0008256	.0012649
%RSD	1.083149	2.733967	.6092994

#1	.2097711	.0293622	.2090010
#2	.2053516	.0302182	.2065578
#3	.2068681	.0310130	.2072114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	813.1822	34175.57	5899.274	860.9925	1442.016
Stddev	2.1518	175.20	43.101	5.8379	2.896
%RSD	.2646175	.5126607	.7306143	.6780453	.2008377

#1	810.8234	33982.15	5851.063	854.6994	1438.674
#2	815.0380	34323.64	5934.079	862.0466	1443.591
#3	813.6852	34220.93	5912.680	866.2316	1443.783

Sample Name: M4719-01 Acquired: 12/02/2021 13:54:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB946 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465411	-.005713	.8776233	.0250476	-.000309	16.85490	.6143400
Stddev	.0084434	.003941	.0046874	.0028536	.001907	.01195	.0023662
%RSD	18.14193	68.98179	.5340976	11.39285	617.4430	.0709103	.3851585

#1	.0501456	-.002784	.8723838	.0254639	-.001872	16.84172	.6118858
#2	.0368936	-.010193	.8814189	.0276702	-.000870	16.85792	.6166071
#3	.0525841	-.004161	.8790670	.0220087	.001816	16.86505	.6145270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066023	-.000967	51.95627	.2108821	.2885597	.0985578	167.6879
Stddev	.0000220	.000120	.18245	.0012034	.0004054	.0017787	.6526
%RSD	.3330828	12.44167	.3511681	.5706546	.1404936	1.804691	.3891667

#1	.0066191	-.000983	52.09716	.2109175	.2887222	.0966460	167.9089
#2	.0065774	-.000839	51.75017	.2120674	.2888586	.0988637	166.9536
#3	.0066104	-.001078	52.02148	.2096613	.2880982	.1001637	168.2014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.878320	4.183415	.4113247	-.011464	.5204215	.2999303	.2479391
Stddev	.042114	.029103	.0009293	.000247	.0550140	.0072556	.0056395
%RSD	.4263284	.6956755	.2259340	2.155276	10.57104	2.419101	2.274538

#1	9.911472	4.152098	.4105796	-.011561	.4683828	.3080472	.2423441
#2	9.830933	4.209629	.4110283	-.011183	.5148889	.2940743	.2478511
#3	9.892555	4.188518	.4123660	-.011647	.5779927	.2976693	.2536220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1787060	2.204983	.1817499	.0031825	.2105797	2.260511	.0111332
Stddev	.0380030	.007990	.0030360	.0007174	.0052727	.010576	.0020472
%RSD	21.26563	.3623670	1.670410	22.54128	2.503891	.4678731	18.38801

#1	.1459893	2.199086	.1807074	.0023562	.2055274	2.272234	.0129837
#2	.1697379	2.214076	.1793725	.0035456	.2101634	2.257616	.0089341
#3	.2203910	2.201785	.1851697	.0036458	.2160481	2.251684	.0114817

Sample Name: M4719-01 Acquired: 12/02/2021 13:54:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB946 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5049999	.0066583	-.139723
Stddev	.0014920	.0007677	.000760
%RSD	.2954436	11.53046	.5438144

#1	.5045086	.0057985	-.140114
#2	.5038156	.0069010	-.138847
#3	.5066757	.0072753	-.140208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	865.1426	36852.39	6304.786	921.0936	1442.751
Stddev	1.0742	28.24	11.761	10.3579	.760
%RSD	.1241702	.0766212	.1865360	1.124520	.0526597

#1	865.4040	36821.05	6292.622	931.3525	1442.209
#2	866.0621	36860.26	6305.639	921.2889	1442.425
#3	863.9618	36875.85	6316.097	910.6395	1443.619

Sample Name: M4719-02 Acquired: 12/02/2021 13:58:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB947 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432341	-.004046	.6694836	.0166350	-.002229	11.70379	.5860995
Stddev	.0066177	.004022	.0037389	.0045667	.001386	.02024	.0015487
%RSD	15.30655	99.38808	.5584688	27.45261	62.19771	.1729395	.2642338

#1	.0457999	.000390	.6656447	.0160781	-.003820	11.70168	.5847878
#2	.0481847	-.005075	.6731136	.0123723	-.001589	11.68469	.5857027
#3	.0357178	-.007454	.6696926	.0214547	-.001278	11.72500	.5878080

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051312	-.001287	4.017005	.2452410	.2500207	.0412342	138.1580
Stddev	.0001190	.000137	.009383	.0013952	.0005835	.0006239	.2782
%RSD	2.318649	10.63943	.2335803	.5689163	.2333949	1.513168	.2013388

#1	.0049941	-.001241	4.027838	.2444905	.2495519	.0409475	138.4673
#2	.0052066	-.001179	4.011443	.2468508	.2498359	.0408052	138.0783
#3	.0051930	-.001441	4.011734	.2443816	.2506742	.0419500	137.9284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.863676	1.989359	.3293951	-.009773	.3711132	.2158982	.1830450
Stddev	.019817	.019372	.0014269	.000351	.1169353	.0006044	.0050898
%RSD	.2520009	.9737918	.4331763	3.588138	31.50933	.2799564	2.780608

#1	7.886558	2.011714	.3291526	-.010165	.4061777	.2158262	.1888900
#2	7.852261	1.977488	.3309276	-.009666	.2406574	.2165354	.1795911
#3	7.852208	1.978876	.3281049	-.009488	.4665044	.2153330	.1806539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.122571	1.720375	.1507736	.0022961	.1508865	1.641323	.0090384
Stddev	.034075	.004860	.0018469	.0001232	.0047934	.017978	.0008000
%RSD	27.80020	.2824854	1.224951	5.363967	3.176815	1.095344	8.850604

#1	-.145307	1.724141	.1528019	.0021581	.1456124	1.655568	.0097402
#2	-.083393	1.714889	.1491889	.0023948	.1520694	1.647277	.0081673
#3	-.139015	1.722094	.1503301	.0023356	.1549777	1.621123	.0092076

Sample Name: M4719-02 Acquired: 12/02/2021 13:58:38 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB947 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4250193	.0001240	-.127560
Stddev	.0029815	.0011538	.000297
%RSD	.7014930	930.3184	.2331285

#1	.4283482	.0005989	-.127903
#2	.4225946	-.001191	-.127393
#3	.4241150	.000965	-.127383

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	866.3781	36630.01	6294.169	923.8819	1461.590
Stddev	1.8235	46.01	28.019	.6002	2.145
%RSD	.2104725	.1256153	.4451540	.0649670	.1467411

#1	868.0476	36681.04	6273.606	924.5062	1463.174
#2	866.6546	36591.69	6282.818	923.8305	1462.448
#3	864.4322	36617.29	6326.082	923.3091	1459.150

Sample Name: M4719-03 Acquired: 12/02/2021 14:02:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB948 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576999	-.000737	3.513379	.0288239	-.001075	54.65215	1.264626
Stddev	.0078976	.003678	.008756	.0061394	.003018	.05898	.003300
%RSD	13.68744	498.8752	.2492285	21.29978	280.6550	.1079198	.2609767

#1	.0596162	.002147	3.514611	.0324851	.002380	54.66600	1.265263
#2	.0490204	.000521	3.504072	.0217360	-.003197	54.58747	1.267561
#3	.0644630	-.004879	3.521454	.0322505	-.002409	54.70297	1.261053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089713	.0025782	28.55030	.1277337	1.482181	.7810769	200.2305
Stddev	.0001202	.0000770	.11360	.0007361	.001399	.0051782	.8419
%RSD	1.339503	2.986999	.3978899	.5762690	.0943791	.6629527	.4204826

#1	.0088469	.0025499	28.55429	.1284165	1.483682	.7801829	200.5876
#2	.0090868	.0025194	28.43475	.1269540	1.481945	.7866439	199.2689
#3	.0089801	.0026654	28.66184	.1278308	1.480914	.7764040	200.8351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.06101	14.35349	1.887047	-.014145	.7556371	.3056217	.6581113
Stddev	.10723	.13620	.002103	.000558	.2422122	.0027340	.0072397
%RSD	.5345413	.9488744	.1114436	3.941944	32.05404	.8945531	1.100078

#1	20.08915	14.44491	1.885271	-.013520	.7380641	.3064440	.6604211
#2	19.94251	14.19696	1.886501	-.014591	1.006157	.3078501	.6639142
#3	20.15136	14.41860	1.889369	-.014325	.522690	.3025710	.6499985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.394379	4.154627	.2209849	.0035578	1.106738	8.353198	.0155947
Stddev	.038327	.023034	.0007588	.0003400	.002345	.023168	.0012375
%RSD	1.600701	.5544176	.3433746	9.556975	.2118599	.2773582	7.935134

#1	2.369785	4.144978	.2214346	.0032200	1.104323	8.346514	.0166080
#2	2.374812	4.137986	.2201088	.0039000	1.109006	8.334107	.0142156
#3	2.438540	4.180916	.2214113	.0035533	1.106886	8.378974	.0159605

Sample Name: M4719-03 Acquired: 12/02/2021 14:02:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB948 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9476342	.0221585	-.145268
Stddev	.0030181	.0002345	.000780
%RSD	.3184910	1.058048	.5371202

#1	.9453098	.0222856	-.145278
#2	.9510452	.0223021	-.144483
#3	.9465475	.0218880	-.146043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	957.7096	40450.05	6967.670	1008.356	1438.221
Stddev	.9013	138.99	7.326	.997	1.327
%RSD	.0941135	.3436002	.1051480	.0988721	.0922470

#1	958.0547	40412.44	6973.474	1007.253	1439.753
#2	956.6867	40333.74	6959.438	1008.621	1437.475
#3	958.3873	40603.97	6970.098	1009.194	1437.436

Sample Name: M4719-04 Acquired: 12/02/2021 14:06:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB948D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598826	.0012612	3.496870	.0301563	-.002857	54.16299	1.263433
Stddev	.0065149	.0033312	.014630	.0028226	.001038	.10385	.001587
%RSD	10.87944	264.1290	.4183748	9.359778	36.34187	.1917446	.1256115

#1	.0632909	-.001919	3.495277	.0334121	-.003809	54.04359	1.262087
#2	.0523706	.000977	3.483103	.0286560	-.001750	54.21296	1.265183
#3	.0639863	.004725	3.512232	.0284006	-.003012	54.23241	1.263030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088679	.0027470	28.48054	.1281755	1.486548	.7842843	200.7593
Stddev	.0001292	.0001647	.12636	.0009395	.001075	.0008286	.7027
%RSD	1.456740	5.997480	.4436680	.7330129	.0723354	.1056470	.3500440

#1	.0089991	.0029360	28.39645	.1292237	1.487600	.7837704	200.9490
#2	.0088639	.0026712	28.41933	.1274090	1.485451	.7838423	199.9812
#3	.0087408	.0026338	28.62585	.1278938	1.486593	.7852401	201.3477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.16225	14.29058	1.870953	-.014378	.6909309	.3070921	.6621688
Stddev	.05507	.05700	.005098	.000098	.1853555	.0032550	.0083400
%RSD	.2731127	.3988649	.2724611	.6814712	26.82692	1.059934	1.259493

#1	20.15293	14.23156	1.873686	-.014308	.8346269	.3034723	.6690941
#2	20.11244	14.34532	1.865071	-.014490	.7564519	.3097781	.6645014
#3	20.22138	14.29485	1.874100	-.014336	.4817139	.3080259	.6529109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.356104	4.201758	.2244435	.0037229	1.099318	8.190858	.0195978
Stddev	.018517	.013597	.0003691	.0003156	.013340	.024883	.0023277
%RSD	.7859357	.3235965	.1644513	8.475998	1.213482	.3037901	11.87751

#1	2.361632	4.209189	.2242671	.0035009	1.105893	8.200657	.0170482
#2	2.335452	4.186066	.2241956	.0040841	1.083967	8.209350	.0201358
#3	2.371228	4.210021	.2248677	.0035838	1.108094	8.162567	.0216094

Sample Name: M4719-04 Acquired: 12/02/2021 14:06:49 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB948D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9501053	.0226587	-.145987
Stddev	.0019964	.0006155	.000934
%RSD	.2101278	2.716178	.6395903

#1	.9478743	.0219595	-.146080
#2	.9517234	.0231184	-.145010
#3	.9507184	.0228982	-.146870

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.6712	40273.99	6984.421	1004.095	1436.708
Stddev	1.7134	80.01	18.635	2.954	.852
%RSD	.1794708	.1986547	.2668058	.2941969	.0592712

#1	956.5593	40217.02	6964.514	1007.403	1436.631
#2	953.2155	40365.46	6987.302	1003.164	1437.596
#3	954.2389	40239.49	7001.448	1001.719	1435.898

Sample Name: M4719-05 Acquired: 12/02/2021 14:10:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB948S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1272022	.0780226	3.186341	.2785208	.0628048	66.33236	4.959093
Stddev	.0031094	.0019815	.008572	.0073220	.0026161	.44475	.025667
%RSD	2.444445	2.539678	.2690382	2.628875	4.165456	.6704905	.5175753

#1	.1258726	.0758546	3.188771	.2784520	.0658251	65.82577	4.929859
#2	.1307553	.0797401	3.176816	.2712334	.0613465	66.51267	4.977933
#3	.1249786	.0784730	3.193436	.2858769	.0612429	66.65864	4.969486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003259	.1097738	26.40839	.4970712	2.611622	1.157417	198.4402
Stddev	.0007184	.0003379	.27305	.0010713	.006744	.008565	1.7107
%RSD	.7160251	.3078286	1.033969	.2155254	.2582202	.7400165	.8620581

#1	.0996289	.1094830	26.09310	.4981070	2.611399	1.148353	196.4690
#2	.1010639	.1096939	26.56662	.4959676	2.604992	1.165376	199.5364
#3	.1002848	.1101445	26.56546	.4971390	2.618474	1.158523	199.3152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.94313	13.99690	3.066800	.0629519	.6768299	1.208873	1.474442
Stddev	.20828	.12201	.004986	.0005565	.0590413	.011326	.007692
%RSD	.9078027	.8717054	.1625673	.8840792	8.723205	.9368812	.5217019

#1	22.70369	13.87213	3.063728	.0630882	.6404394	1.197597	1.467910
#2	23.04333	14.11595	3.064119	.0623399	.6450985	1.208774	1.472495
#3	23.08238	14.00261	3.072552	.0634276	.7449518	1.220248	1.482920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.678985	3.799458	.2190404	.0048314	1.018135	7.462715	.0291270
Stddev	.093329	.020247	.0028897	.0003172	.010538	.060207	.0033732
%RSD	3.483749	.5329016	1.319256	6.565767	1.035011	.8067649	11.58100

#1	2.573958	3.812542	.2157248	.0045354	1.008760	7.420028	.0290368
#2	2.752412	3.776136	.2203732	.0047926	1.029540	7.531579	.0325444
#3	2.710584	3.809696	.2210231	.0051662	1.016105	7.436537	.0257998

Sample Name: M4719-05 Acquired: 12/02/2021 14:10:51 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB948S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.247579	.0293820	-.140864
Stddev	.004360	.0012447	.001361
%RSD	.3494541	4.236320	.9664837

#1	1.243301	.0286707	-.139292
#2	1.252016	.0286561	-.141682
#3	1.247419	.0308193	-.141617

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	948.1730	40437.74	6976.685	1007.525	1430.779
Stddev	2.6076	19.07	75.689	6.129	2.577
%RSD	.2750170	.0471601	1.084880	.6083557	.1801090

#1	951.0618	40458.01	7055.508	1011.581	1433.599
#2	945.9931	40420.15	6904.579	1000.474	1430.192
#3	947.4640	40435.06	6969.967	1010.521	1428.546

Sample Name: M4719-03LX5 Acquired: 12/02/2021 14:14:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB948L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175783	-.000634	.6609989	.0133093	-.004701	11.51286	.2682472
Stddev	.0041969	.003504	.0022686	.0018781	.002203	.00648	.0005678
%RSD	23.87546	552.7906	.3432106	14.11097	46.85405	.0562977	.2116905

#1	.0224196	.001796	.6636159	.0139595	-.006814	11.50834	.2688254
#2	.0149697	-.004651	.6595913	.0111926	-.004871	11.52029	.2676903
#3	.0153456	.000953	.6597893	.0147760	-.002418	11.50997	.2682259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018704	.0004568	6.079064	.0277613	.2811973	.1699626	41.56199
Stddev	.0000375	.0000895	.044108	.0000903	.0003787	.0026711	.08530
%RSD	2.004281	19.59345	.7255681	.3252310	.1346709	1.571561	.2052289

#1	.0019052	.0005561	6.031273	.0276634	.2807761	.1669200	41.46439
#2	.0018307	.0004317	6.118208	.0278413	.2813063	.1710467	41.62221
#3	.0018753	.0003825	6.087711	.0277792	.2815096	.1719213	41.59938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.336205	3.075363	.3568960	-.003354	-.071283	.0679228	.1426018
Stddev	.021040	.013858	.0010263	.000416	.043908	.0036321	.0032038
%RSD	.4852101	.4506194	.2875541	12.41766	61.59636	5.347430	2.246640

#1	4.317557	3.067805	.3568652	-.003794	-.063524	.0649478	.1389640
#2	4.359015	3.066928	.3558854	-.002966	-.118553	.0668501	.1438389
#3	4.332044	3.091358	.3579372	-.003301	-.031772	.0719704	.1450026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3453046	.8034397	.0427433	.0005854	.2101415	1.777527	.0026643
Stddev	.0626966	.0110853	.0002010	.0005815	.0012748	.008147	.0027877
%RSD	18.15689	1.379730	.4702063	99.32921	.6066372	.4583457	104.6310

#1	.3522225	.8130596	.0428704	.0009633	.2099165	1.783929	.0000596
#2	.2794360	.7913170	.0425116	-.000084	.2115138	1.780296	.0023287
#3	.4042554	.8059425	.0428478	.000877	.2089941	1.768356	.0056045

Sample Name: M4719-03LX5 Acquired: 12/02/2021 14:14:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB948L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2037104	.0051081	-.029787
Stddev	.0005265	.0007719	.000108
%RSD	.2584762	15.11155	.3622866

#1	.2035434	.0045543	-.029668
#2	.2032876	.0047802	-.029877
#3	.2043002	.0059899	-.029818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	840.9021	35295.25	6077.752	885.4326	1435.854
Stddev	1.0210	88.11	6.721	8.7455	2.082
%RSD	.1214123	.2496406	.1105852	.9877048	.1450149

#1	840.1050	35383.21	6070.244	895.5008	1436.702
#2	840.5484	35295.56	6079.802	879.7231	1433.482
#3	842.0528	35206.98	6083.209	881.0738	1437.380

Sample Name: M4719-06 Acquired: 12/02/2021 14:18:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB949 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530229	-.004974	4.787152	.0286776	-.000091	47.42303	.9418426
Stddev	.0042354	.003381	.006862	.0022500	.001951	.11876	.0023730
%RSD	7.987889	67.97136	.1433508	7.845902	2136.325	.2504331	.2519526

#1	.0561490	-.008731	4.779265	.0260795	.001958	47.53950	.9438320
#2	.0547171	-.002176	4.791755	.0299768	-.000306	47.30210	.9392161
#3	.0482027	-.004015	4.790437	.0299765	-.001926	47.42749	.9424797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080929	.0017523	86.74500	.1258350	.8213096	.5130259	178.3038
Stddev	.0000934	.0001503	.41027	.0007468	.0004413	.0040375	.4747
%RSD	1.154177	8.579779	.4729555	.5934419	.0537331	.7870021	.2662493

#1	.0080368	.0016919	87.17061	.1266118	.8218173	.5126374	178.7484
#2	.0082007	.0019234	86.35203	.1251224	.8210944	.5091967	177.8038
#3	.0080412	.0016415	86.71236	.1257709	.8210172	.5172437	178.3593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.74338	40.39557	.9090930	-.012976	.6797666	.2735865	.5734854
Stddev	.05402	.14156	.0014924	.000457	.1692651	.0023742	.0087727
%RSD	.3226097	.3504296	.1641599	3.518415	24.90047	.8678073	1.529723

#1	16.78886	40.55898	.9073792	-.013065	.8478384	.2762670	.5835432
#2	16.68368	40.31748	.9097937	-.013382	.6821286	.2717483	.5674116
#3	16.75760	40.31026	.9101061	-.012482	.5093329	.2727441	.5695015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.276980	3.829501	.2006164	.0027129	2.195226	6.625501	.0156933
Stddev	.002232	.039026	.0012040	.0004825	.007935	.010012	.0009680
%RSD	.0980120	1.019084	.6001746	17.78465	.3614435	.1511170	6.168308

#1	2.274608	3.794731	.2019101	.0023135	2.186138	6.627346	.0145996
#2	2.277295	3.822060	.1995285	.0032490	2.198766	6.614694	.0164400
#3	2.279037	3.871711	.2004107	.0025762	2.200775	6.634462	.0160403

Sample Name: M4719-06 Acquired: 12/02/2021 14:18:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB949 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9380131	.0208555	-.109512
Stddev	.0029812	.0007596	.000524
%RSD	.3178159	3.642226	.4787814

#1	.9390215	.0201285	-.110103
#2	.9346586	.0216440	-.109329
#3	.9403594	.0207939	-.109104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	932.4384	39634.46	6869.959	985.7114	1410.057
Stddev	1.1657	125.96	20.734	3.0330	.595
%RSD	.1250152	.3177949	.3018102	.3077005	.0421868

#1	933.2944	39761.96	6864.958	983.0010	1409.377
#2	932.9101	39631.30	6892.736	988.9874	1410.312
#3	931.1109	39510.11	6852.182	985.1458	1410.481

Sample Name: M4719-07 Acquired: 12/02/2021 14:22:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB950 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455716	-.005772	2.759537	.0209095	-.003397	30.60842	.4335594
Stddev	.0013715	.010648	.004683	.0052755	.002540	.08069	.0015676
%RSD	3.009632	184.4790	.1696974	25.23018	74.76566	.2636341	.3615697

#1	.0447499	.006508	2.754187	.0202615	-.005438	30.53327	.4332641
#2	.0448100	-.011377	2.762896	.0159880	-.000553	30.69370	.4321605
#3	.0471550	-.012446	2.761527	.0264792	-.004199	30.59828	.4352537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059473	.0000190	54.32513	.1483577	.3467386	.2487283	137.4351
Stddev	.0000331	.0001085	.48334	.0014250	.0003583	.0018574	.8418
%RSD	.5569945	569.9935	.8897172	.9605358	.1033466	.7467573	.6124832

#1	.0059098	.0001406	53.92094	.1493096	.3466119	.2489229	136.9146
#2	.0059594	-.000016	54.86053	.1490441	.3464607	.2467812	138.4063
#3	.0059726	-.000068	54.19392	.1467194	.3471430	.2504807	136.9846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.080074	26.16668	.4510534	-.009933	.3465931	.2406322	.3569907
Stddev	.070765	.11244	.0008386	.000461	.2222260	.0047130	.0061336
%RSD	.8757905	.4297091	.1859160	4.640784	64.11726	1.958594	1.718142

#1	8.031561	26.06034	.4510403	-.009458	.2355296	.2357911	.3519353
#2	8.161273	26.28436	.4518985	-.010378	.2017924	.2452057	.3638141
#3	8.047387	26.15535	.4502215	-.009963	.6024572	.2409000	.3552226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235477	2.432156	.1527285	.0022285	1.095582	5.774728	.0143889
Stddev	.050619	.015642	.0007548	.0002406	.007962	.039542	.0002158
%RSD	4.097146	.6431268	.4941764	10.79534	.7267241	.6847387	1.499642

#1	1.182562	2.424984	.1532337	.0023651	1.091053	5.743611	.0146063
#2	1.240434	2.450098	.1530908	.0023697	1.104776	5.819223	.0143856
#3	1.283436	2.421386	.1518609	.0019507	1.090919	5.761349	.0141748

Sample Name: M4719-07 Acquired: 12/02/2021 14:22:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB950 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9301112	.0145360	-.094943
Stddev	.0038945	.0005861	.000896
%RSD	.4187179	4.032248	.9437535

#1	.9260317	.0151811	-.094438
#2	.9337897	.0143908	-.095978
#3	.9305121	.0140361	-.094414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.4983	37428.29	6456.087	932.0908	1431.100
Stddev	.8349	11.09	39.355	3.0207	.748
%RSD	.0946063	.0296350	.6095724	.3240755	.0522602

#1	881.5344	37415.98	6482.257	930.6194	1430.347
#2	882.9949	37437.51	6410.828	935.5652	1431.843
#3	882.9655	37431.38	6475.175	930.0877	1431.110

Sample Name: M4719-08 Acquired: 12/02/2021 14:26:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB951 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459159	-.003897	3.755283	.0205137	-.000380	39.01609	.6778209
Stddev	.0039966	.002005	.006342	.0054064	.001450	.16644	.0016591
%RSD	8.704255	51.43182	.1688853	26.35497	382.0174	.4265855	.2447618

#1	.0414420	-.006173	3.761954	.0152448	.000912	38.86430	.6767903
#2	.0471725	-.003127	3.754565	.0260478	-.000102	39.19407	.6797347
#3	.0491333	-.002392	3.749331	.0202484	-.001949	38.98989	.6769376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069813	.0002297	57.70680	.1812422	.5199391	.3130294	174.6253
Stddev	.0000348	.0000316	.36939	.0008904	.0012883	.0025333	1.0623
%RSD	.4983323	13.73665	.6401180	.4912683	.2477742	.8092839	.6083415

#1	.0069848	.0002553	57.39352	.1809805	.5214212	.3149558	173.6880
#2	.0069448	.0002395	58.11412	.1805120	.5190875	.3139726	175.7792
#3	.0070141	.0001945	57.61275	.1822341	.5193087	.3101598	174.4086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.86675	28.23388	.6091213	-.012837	.3619671	.3748066	.4219817
Stddev	.10027	.33210	.0024115	.000578	.2058569	.0023574	.0069329
%RSD	.7230697	1.176243	.3958995	4.506481	56.87172	.6289660	1.642938

#1	13.77624	27.99901	.6110708	-.013141	.3348294	.3723242	.4243892
#2	13.97453	28.61383	.6064246	-.012170	.5800469	.3770151	.4273899
#3	13.84948	28.08878	.6098685	-.013200	.1710250	.3750805	.4141660

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.726541	2.867442	.1949440	.0021466	1.454910	6.923561	.0126422
Stddev	.061730	.003667	.0018633	.0003346	.014528	.033281	.0013118
%RSD	3.575365	.1278757	.9557971	15.59018	.9985561	.4806882	10.37627

#1	1.703524	2.870825	.1929067	.0017722	1.453951	6.917563	.0111277
#2	1.796473	2.863546	.1953639	.0022508	1.440885	6.959433	.0134225
#3	1.679627	2.867956	.1965616	.0024167	1.469894	6.893687	.0133764

Sample Name: M4719-08 Acquired: 12/02/2021 14:26:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB951 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.161157	.0193146	-.124832
Stddev	.010138	.0016263	.001129
%RSD	.8730822	8.419877	.9045818

#1	1.149738	.0176992	-.123890
#2	1.164638	.0192930	-.126084
#3	1.169096	.0209515	-.124523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	895.4920	38188.59	6618.715	944.9070	1420.825
Stddev	1.0342	76.00	29.602	5.5073	1.523
%RSD	.1154907	.1990227	.4472434	.5828362	.1071857

#1	896.4200	38255.28	6630.912	950.4487	1419.067
#2	894.3771	38204.64	6584.963	939.4348	1421.680
#3	895.6788	38105.84	6640.269	944.8376	1421.729

Sample Name: M4719-09 Acquired: 12/02/2021 14:31:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB952 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634607	-.012341	1.080285	.0244070	.0003722	17.90685	.3773746
Stddev	.0120032	.011256	.005438	.0087623	.0013131	.07435	.0011552
%RSD	18.91430	91.21078	.5033556	35.90071	352.8430	.4152023	.3061133

#1	.0505637	-.016869	1.074006	.0282873	-.001048	17.96628	.3763711
#2	.0655132	-.020628	1.083370	.0305591	.000623	17.82348	.3771154
#3	.0743053	.000474	1.083478	.0143746	.001542	17.93080	.3786374

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059000	-.001940	23.54244	.2336934	.2472415	.0723229	176.6639
Stddev	.0000417	.000244	.13146	.0004332	.0005602	.0011189	.8560
%RSD	.7068582	12.55299	.5583801	.1853811	.2265960	1.547103	.4845451

#1	.0059285	-.002214	23.56356	.2337855	.2467745	.0723533	177.2438
#2	.0058521	-.001747	23.40171	.2340731	.2470873	.0711891	175.6808
#3	.0059194	-.001858	23.66206	.2332215	.2478627	.0734263	177.0672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.398204	12.86916	.3329851	-.012499	.3426301	.3577452	.2228350
Stddev	.033325	.04686	.0003179	.000324	.2441954	.0009287	.0100286
%RSD	.5208477	.3641186	.0954587	2.588841	71.27087	.2596053	4.500457

#1	6.426965	12.87456	.3326319	-.012126	.4329999	.3568362	.2289303
#2	6.361684	12.81983	.3330753	-.012704	.5287596	.3586925	.2112604
#3	6.405964	12.91308	.3332481	-.012666	.0661307	.3577068	.2283143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2963491	2.017451	.1942401	.0037226	.4644107	3.005837	.0076051
Stddev	.0874178	.017294	.0018339	.0003655	.0083047	.026437	.0010209
%RSD	29.49826	.8572226	.9441559	9.816959	1.788218	.8795056	13.42356

#1	.2840651	2.021810	.1958965	.0041421	.4737872	3.010749	.0084774
#2	.2157230	2.032149	.1922693	.0035529	.4579822	2.977289	.0078556
#3	.3892592	1.998395	.1945545	.0034729	.4614628	3.029472	.0064823

Sample Name: M4719-09 Acquired: 12/02/2021 14:31:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB952 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.060829	.0036509	-.157320
Stddev	.002850	.0012530	.000805
%RSD	.2686119	34.31996	.5116993

#1	1.060181	.0049350	-.157878
#2	1.058360	.0024316	-.156398
#3	1.063947	.0035859	-.157686

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	853.9198	36166.82	6266.092	903.3501	1439.268
Stddev	1.7248	136.73	28.835	2.8150	.805
%RSD	.2019894	.3780490	.4601756	.3116188	.0559144

#1	855.6717	36302.15	6268.382	902.0493	1440.180
#2	852.2234	36028.74	6293.714	901.4207	1438.656
#3	853.8644	36169.57	6236.180	906.5803	1438.969

Sample Name: M4719-10 Acquired: 12/02/2021 14:35:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB953 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344992	-.002068	1.148457	.0148063	-.002642	33.23606	.5600005
Stddev	.0092519	.007841	.006283	.0049172	.004774	.52875	.0076914
%RSD	26.81784	379.2183	.5470821	33.20989	180.6799	1.590893	1.373459

#1	.0350471	-.000867	1.142749	.0169551	-.002087	33.60333	.5633754
#2	.0249855	-.010440	1.155189	.0091805	-.007670	32.63003	.5511987
#3	.0434650	.005104	1.147433	.0182834	.001830	33.47481	.5654275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066137	.0022893	17.91162	.0956943	.1161147	.1012302	100.2437
Stddev	.0000341	.0002959	.27146	.0003075	.0007668	.0020205	1.6219
%RSD	.5150120	12.92424	1.515527	.3213416	.6603937	1.995995	1.617972

#1	.0065977	.0019513	18.13462	.0953423	.1153285	.1033880	101.6602
#2	.0065906	.0024150	17.60935	.0958297	.1168605	.1009197	98.4744
#3	.0066528	.0025015	17.99090	.0959108	.1161551	.0993828	100.5964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.317139	8.585612	.1275850	-.007792	.0122850	.1768658	.2511091
Stddev	.099510	.138934	.0005707	.000385	.1231110	.0026776	.0014659
%RSD	1.575235	1.618220	.4473005	4.938872	1002.128	1.513921	.5837599

#1	6.406551	8.723407	.1281240	-.008184	-.108384	.1798531	.2525281
#2	6.209932	8.445566	.1269872	-.007778	.137701	.1746817	.2496005
#3	6.334934	8.587863	.1276438	-.007415	.007538	.1760627	.2511987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.164842	2.770162	.1112643	.0025056	1.315937	4.712443	.0077708
Stddev	.032908	.009572	.0026467	.0002275	.011047	.073780	.0035083
%RSD	1.520099	.3455425	2.378742	9.080773	.8395059	1.565650	45.14674

#1	2.199359	2.776323	.1143196	.0026838	1.327668	4.776168	.0081639
#2	2.133823	2.759134	.1096770	.0022493	1.305732	4.631613	.0110659
#3	2.161344	2.775028	.1097963	.0025838	1.314412	4.729548	.0040825

Sample Name: M4719-10 Acquired: 12/02/2021 14:35:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB953 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6491766	.0161328	-.072599
Stddev	.0080630	.0001691	.001192
%RSD	1.242037	1.048402	1.642566

#1	.6554017	.0160415	-.073643
#2	.6400684	.0163280	-.071299
#3	.6520599	.0160289	-.072856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.5123	38964.66	6819.756	973.9347	1450.999
Stddev	1.0482	69.03	100.502	2.8629	2.308
%RSD	.1132510	.1771547	1.473687	.2939550	.1590466

#1	926.7062	38969.01	6729.407	970.6572	1452.192
#2	925.0870	38893.56	6928.005	975.1998	1452.467
#3	924.7436	39031.41	6801.855	975.9472	1448.339

Sample Name: M4719-11 Acquired: 12/02/2021 14:39:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB954 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415483	-.003031	1.255895	.0120111	-.002403	37.05193	.6213701
Stddev	.0051630	.001456	.003760	.0027181	.003113	.12284	.0028701
%RSD	12.42655	48.02427	.2993978	22.62956	129.5393	.3315271	.4619051

#1	.0468684	-.001532	1.259006	.0145340	-.004049	37.18285	.6235436
#2	.0412184	-.003123	1.251717	.0091328	.001187	36.93920	.6181167
#3	.0365582	-.004439	1.256962	.0123666	-.004349	37.03375	.6224501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070692	.0022498	16.42095	.0963168	.1311576	.1085098	105.4811
Stddev	.0000292	.0001018	.02424	.0004032	.0006434	.0014689	.0829
%RSD	.4129406	4.525810	.1476349	.4186301	.4905918	1.353656	.0785692

#1	.0070364	.0023669	16.40182	.0958718	.1304262	.1094655	105.4015
#2	.0070924	.0022000	16.41281	.0964205	.1314102	.1092454	105.5669
#3	.0070788	.0021824	16.44821	.0966580	.1316365	.1068185	105.4749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.803908	7.146936	.1437518	-.008256	-.003180	.1861636	.2689346
Stddev	.006731	.036757	.0002465	.000143	.028718	.0012443	.0068799
%RSD	.0989345	.5143052	.1714604	1.727395	903.0493	.6683730	2.558209

#1	6.798696	7.162957	.1434673	-.008255	.013090	.1870987	.2610290
#2	6.801521	7.104887	.1438879	-.008399	.013708	.1847514	.2735648
#3	6.811508	7.172962	.1439002	-.008114	-.036338	.1866407	.2722100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.717102	2.706388	.1206754	.0026486	1.369937	6.355456	.0113928
Stddev	.054416	.004642	.0014901	.0007854	.007068	.056438	.0022621
%RSD	3.169048	.1715304	1.234777	29.65300	.5159386	.8880174	19.85572

#1	1.656256	2.701222	.1218342	.0023338	1.368001	6.293185	.0139406
#2	1.761105	2.707730	.1189945	.0035425	1.377771	6.369950	.0106175
#3	1.733945	2.710211	.1211974	.0020694	1.364039	6.403233	.0096202

Sample Name: M4719-11 Acquired: 12/02/2021 14:39:10 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB954 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6768100	.0186237	-.075505
Stddev	.0033072	.0011672	.000245
%RSD	.4886503	6.267450	.3238968

#1	.6806266	.0199537	-.075336
#2	.6747876	.0181477	-.075786
#3	.6750158	.0177697	-.075394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.9026	39119.92	6811.121	983.9336	1450.604
Stddev	2.0802	31.40	40.458	5.5133	.683
%RSD	.2236964	.0802595	.5939963	.5603339	.0470733

#1	930.9327	39089.01	6857.817	990.2597	1449.839
#2	931.2668	39118.96	6788.969	980.1528	1450.821
#3	927.5084	39151.78	6786.577	981.3883	1451.151

Sample Name: M4719-12 Acquired: 12/02/2021 14:43:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB955 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522841	-.006657	1.138093	.0258921	-.002328	57.87628	.9144211
Stddev	.0043939	.009939	.007351	.0008113	.004918	.00621	.0010842
%RSD	8.403966	149.3028	.6459339	3.133236	211.3039	.0107348	.1185691

#1	.0484079	-.006446	1.141437	.0259680	-.002531	57.88337	.9151192
#2	.0513869	.003175	1.143178	.0250455	-.007141	57.87178	.9149720
#3	.0570573	-.016699	1.129664	.0266627	.002689	57.87369	.9131720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090988	.0057819	277.1304	.0843160	.1458101	.1456895	132.0922
Stddev	.0000886	.0001447	.4253	.0012919	.0011318	.0012987	.1781
%RSD	.9740383	2.502215	.1534724	1.532253	.7761867	.8914083	.1348564

#1	.0090608	.0056151	276.6406	.0856223	.1456607	.1441933	131.8879
#2	.0090355	.0058570	277.4070	.0842868	.1470092	.1463503	132.2151
#3	.0092001	.0058736	277.3434	.0830390	.1447605	.1465248	132.1735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.963990	146.3729	.1492545	-.011093	.2942615	.2214525	.4825787
Stddev	.016839	.0398	.0016991	.000203	.1977883	.0010849	.0097402
%RSD	.1689961	.0271917	1.138412	1.830253	67.21514	.4898995	2.018374

#1	9.944693	146.3412	.1482688	-.011242	.4238404	.2202035	.4759998
#2	9.971576	146.3599	.1512165	-.010862	.3923437	.2221601	.4937682
#3	9.975702	146.4176	.1482782	-.011175	.0666004	.2219939	.4779682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.295820	5.667634	.1581516	.0042387	4.200276	7.837003	.0149262
Stddev	.017322	.007473	.0010328	.0003662	.028607	.020108	.0026482
%RSD	.2751273	.1318625	.6530660	8.638758	.6810685	.2565839	17.74154

#1	6.291143	5.675084	.1590572	.0042182	4.204805	7.815872	.0175384
#2	6.314999	5.660137	.1583709	.0038832	4.226349	7.839234	.0122435
#3	6.281317	5.667679	.1570267	.0046146	4.169676	7.855903	.0149968

Sample Name: M4719-12 Acquired: 12/02/2021 14:43:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB955 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7150871	.0310854	-.019803
Stddev	.0013260	.0009797	.000425
%RSD	.1854373	3.151467	2.148623

#1	.7136485	.0300967	-.019315
#2	.7153522	.0311038	-.020093
#3	.7162605	.0320557	-.020003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.2729	38447.76	6810.860	948.2742	1324.931
Stddev	.7410	140.45	8.651	7.1280	2.347
%RSD	.0828572	.3652889	.1270148	.7516861	.1771348

#1	893.5262	38413.46	6820.583	942.0987	1325.434
#2	894.2845	38327.64	6804.013	946.6497	1322.373
#3	895.0080	38602.18	6807.986	956.0743	1326.985

Sample Name: M4719-13 Acquired: 12/02/2021 14:47:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB956 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0653139	-.007032	1.172322	.0220136	-.000791	65.14179	1.059702
Stddev	.0030897	.003776	.004759	.0024950	.001069	.38153	.006122
%RSD	4.730566	53.69745	.4059786	11.33402	135.1703	.5856982	.5776694

#1	.0674738	-.004259	1.171206	.0248894	-.001837	65.51668	1.066756
#2	.0617748	-.011333	1.168220	.0204259	.000301	64.75394	1.055792
#3	.0666931	-.005504	1.177540	.0207255	-.000838	65.15475	1.056556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101218	.0063869	361.8825	.0916724	.1867260	.1481984	152.0867
Stddev	.0000449	.0001674	3.7246	.0003999	.0012870	.0012769	1.4931
%RSD	.4432985	2.621305	1.029222	.4362382	.6892632	.8615971	.9817561

#1	.0101584	.0065073	364.8297	.0912492	.1852519	.1494605	153.3414
#2	.0101352	.0061957	357.6964	.0917241	.1876269	.1469072	150.4353
#3	.0100717	.0064576	363.1215	.0920439	.1872991	.1482276	152.4833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.49778	195.0646	.1676976	-.013033	.7590842	.2597541	.5134808
Stddev	.15099	1.6633	.0004589	.000462	.0927247	.0039978	.0048220
%RSD	1.208146	.8526765	.2736375	3.543408	12.21534	1.539084	.9390914

#1	12.62065	196.4506	.1673588	-.012979	.8660649	.2627173	.5080805
#2	12.32922	193.2202	.1682198	-.013520	.7093644	.2552070	.5173554
#3	12.54348	195.5228	.1675141	-.012601	.7018232	.2613380	.5150066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.499443	4.834778	.1719798	.0039184	3.235679	4.619590	.0162592
Stddev	.048244	.011117	.0023561	.0004777	.008468	.049906	.0012401
%RSD	1.072227	.2299310	1.369958	12.19085	.2617190	1.080317	7.627341

#1	4.514613	4.823458	.1736630	.0044484	3.231631	4.637312	.0165462
#2	4.445437	4.835197	.1692873	.0037860	3.229995	4.563241	.0149007
#3	4.538279	4.845680	.1729893	.0035209	3.245412	4.658217	.0173306

Sample Name: M4719-13 Acquired: 12/02/2021 14:47:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB956 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7553783	.0356558	-.015368
Stddev	.0035534	.0009758	.001108
%RSD	.4704171	2.736842	7.210513

#1	.7581294	.0348846	-.016076
#2	.7513664	.0353298	-.014091
#3	.7566392	.0367528	-.015936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.5856	38539.78	6828.461	949.7634	1297.691
Stddev	1.3630	35.75	50.384	3.1963	3.430
%RSD	.1525359	.0927638	.7378603	.3365351	.2643083

#1	894.3361	38570.47	6800.245	946.6927	1296.954
#2	894.4085	38500.52	6886.631	953.0719	1301.430
#3	892.0123	38548.35	6798.507	949.5255	1294.690

Sample Name: M4719-14 Acquired: 12/02/2021 14:51:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB957 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488882	-.005303	2.946431	.0198197	.0017657	50.63428	.9775874
Stddev	.0015480	.001323	.006272	.0057675	.0030324	.03759	.0009103
%RSD	3.166458	24.94820	.2128563	29.09978	171.7375	.0742410	.0931137

#1	.0472437	-.003867	2.953089	.0205183	.0023828	50.64670	.9765500
#2	.0491040	-.006472	2.940634	.0137348	.0044421	50.59205	.9779596
#3	.0503171	-.005570	2.945569	.0252061	-.001528	50.66409	.9782526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085585	.0034403	69.74746	.0807878	.2403265	.1702569	127.0363
Stddev	.0000400	.0000725	.23486	.0015438	.0000989	.0015597	.3680
%RSD	.4675106	2.106832	.3367291	1.910911	.0411346	.9161054	.2897076

#1	.0085492	.0034168	69.98197	.0825703	.2402602	.1703777	127.3387
#2	.0086024	.0033824	69.74818	.0799114	.2402792	.1717527	127.1437
#3	.0085240	.0035216	69.51225	.0798817	.2404401	.1686403	126.6266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.78411	35.66084	.2269364	-.010384	.2569574	.2050446	.4122816
Stddev	.04225	.11100	.0011487	.000490	.0926262	.0040093	.0075596
%RSD	.3304826	.3112675	.5061725	4.721090	36.04731	1.955323	1.833600

#1	12.82790	35.76391	.2256241	-.010469	.2166471	.2008653	.4210106
#2	12.78083	35.67529	.2274253	-.009856	.1913168	.2054096	.4079425
#3	12.74360	35.54332	.2277597	-.010825	.3629084	.2088589	.4078916

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.780230	5.087666	.1457920	.0042268	2.849874	5.794086	.0131013
Stddev	.012354	.003451	.0009566	.0010205	.019116	.034665	.0016192
%RSD	.3268145	.0678326	.6561293	24.14407	.6707742	.5982794	12.35910

#1	3.788863	5.088158	.1452281	.0030574	2.845069	5.831853	.0119974
#2	3.785749	5.090845	.1468965	.0046858	2.833620	5.763718	.0149601
#3	3.766078	5.083995	.1452515	.0049372	2.870935	5.786688	.0123464

Sample Name: M4719-14 Acquired: 12/02/2021 14:51:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB957 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6507268	.0271349	-.060256
Stddev	.0025283	.0008853	.000305
%RSD	.3885348	3.262704	.5054696

#1	.6480965	.0267707	-.060574
#2	.6531390	.0281442	-.060226
#3	.6509450	.0264898	-.059967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	943.8489	39999.18	7061.028	990.1928	1397.036
Stddev	1.0585	9.82	37.146	1.4693	1.993
%RSD	.1121481	.0245536	.5260763	.1483888	.1426884

#1	943.9563	39990.35	7018.432	988.6092	1398.642
#2	944.8496	39997.43	7086.684	990.4574	1397.660
#3	942.7408	40009.76	7077.969	991.5119	1394.805

Sample Name: M4719-15 Acquired: 12/02/2021 14:55:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB958 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469390	.0051572	8.921790	.0123779	.0060038	16.46983
Stddev	.0132679	.0047572	.015415	.0051477	.0044380	.05359
%RSD	28.26619	92.24253	.1727788	41.58754	73.92029	.3253721

#1	.0542130	.0077109	8.903991	.0128382	.0096544	16.52741
#2	.0316249	-.000331	8.930572	.0172799	.0010639	16.46065
#3	.0549790	.008092	8.930807	.0070155	.0072932	16.42142

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4302435	.0033236	.0010357	F 1627.163	.0460903	.0488264
Stddev	.0016230	.0001008	.0001277	19.364	.0007605	.0006053
%RSD	.3772366	3.032757	12.32915	1.190059	1.649989	1.239610

#1	.4320056	.0033971	.0011272	1649.459	.0455475	.0490413
#2	.4299150	.0033649	.0008898	1617.475	.0457639	.0481431
#3	.4288098	.0032087	.0010900	1614.553	.0469595	.0492950

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4293818	60.76017	6.042925	F 925.3692	.0621561	-.005941
Stddev	.0029982	.30354	.040989	5.1495	.0011951	.000636
%RSD	.6982638	.4995770	.6782976	.5564786	1.922759	10.70921

#1	.4314098	61.11036	6.090254	931.2933	.0615925	-.005283
#2	.4259378	60.57218	6.019476	922.8492	.0613470	-.005989
#3	.4307977	60.59798	6.019044	921.9650	.0635288	-.006553

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.455790	.0959413	.2325396	.7983294	1.556810	.0909185
Stddev	.114934	.0014895	.0049280	.0648409	.014141	.0021607
%RSD	4.680138	1.552478	2.119203	8.122079	.9083543	2.376542

#1	2.583627	.0948125	.2339302	.8564949	1.566505	.0884238
#2	2.360999	.0976295	.2270658	.8100746	1.563342	.0921987
#3	2.422742	.0953819	.2366230	.7284186	1.540584	.0921329

Sample Name: M4719-15 Acquired: 12/02/2021 14:55:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB958 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123374	3.261879	4.052483	.0552954	.3372316	.0239221
Stddev	.0002246	.010887	.025911	.0058009	.0049962	.0009769
%RSD	1.820070	.3337640	.6393943	10.49082	1.481539	4.083856

#1	.0125243	3.252559	4.082390	.0616780	.3429467	.0227969
#2	.0123995	3.259232	4.036775	.0503440	.3350567	.0244150
#3	.0120883	3.273845	4.038283	.0538642	.3336915	.0245544

Elem	Sr4077
Units	ppm
Avg	.6118988
Stddev	.0046432
%RSD	.7588235

#1	.6171760
#2	.6084397
#3	.6100807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	726.5415	32256.36	5749.544	774.0562	1115.271
Stddev	.5001	90.20	53.786	8.9299	.697
%RSD	.0688276	.2796398	.9354803	1.153648	.0624591

#1	726.1027	32266.50	5688.374	769.0716	1115.804
#2	726.4357	32341.06	5770.825	784.3656	1115.525
#3	727.0859	32161.51	5789.433	768.7313	1114.483

Sample Name: M4719-16 Acquired: 12/02/2021 14:59:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB959 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464736	-.008656	1.508547	.0205432	.0007853	54.81312	.9041309
Stddev	.0023518	.010757	.003752	.0019720	.0024838	.34065	.0031527
%RSD	5.060518	124.2702	.2487365	9.599396	316.2776	.6214736	.3486975

#1	.0454724	-.002552	1.504218	.0223308	.0032535	54.97813	.9069730
#2	.0491604	-.021076	1.510563	.0184278	-.001714	55.03983	.9046798
#3	.0447882	-.002340	1.510861	.0208711	.000816	54.42139	.9007398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089756	.0024587	106.9985	.0879337	.1698975	.1403629	124.2924
Stddev	.0001002	.0001394	.7678	.0002071	.0008541	.0020647	.8342
%RSD	1.116195	5.669043	.7175889	.2355806	.5027241	1.470948	.6711824

#1	.0090812	.0023118	107.3099	.0880842	.1690414	.1412012	124.3561
#2	.0089638	.0024753	107.5616	.0876974	.1707496	.1380109	125.0929
#3	.0088819	.0025890	106.1239	.0880194	.1699016	.1418765	123.4281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.820811	56.18266	.1754449	-.009963	.1685940	.2109399	.3851566
Stddev	.070832	.37289	.0004646	.000246	.0736082	.0018480	.0023481
%RSD	.7212422	.6637161	.2648098	2.465689	43.66002	.8760829	.6096354

#1	9.829894	56.34696	.1754377	-.009968	.0838705	.2096214	.3828612
#2	9.886663	56.44519	.1759130	-.009714	.2050727	.2130522	.3850545
#3	9.745875	55.75583	.1749839	-.010205	.2168388	.2101462	.3875540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.363241	4.794730	.1437311	.0037830	2.696823	8.802320	.0104329
Stddev	.033261	.005398	.0019870	.0008704	.009008	.026557	.0007148
%RSD	.9889599	.1125800	1.382471	23.00801	.3340290	.3017006	6.851561

#1	3.325626	4.798144	.1460255	.0047763	2.698622	8.786053	.0112348
#2	3.375329	4.797539	.1425732	.0031540	2.704796	8.832966	.0098627
#3	3.388768	4.788507	.1425946	.0034186	2.687051	8.787941	.0102012

Sample Name: M4719-16 Acquired: 12/02/2021 14:59:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB959 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6911193	.0303019	-.051500
Stddev	.0050418	.0003917	.000755
%RSD	.7295176	1.292764	1.466334

#1	.6951944	.0305057	-.051567
#2	.6926825	.0305497	-.052219
#3	.6854811	.0298503	-.050713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	941.8270	40087.47	7012.854	996.1547	1385.144
Stddev	2.2356	96.24	21.985	3.1690	.283
%RSD	.2373666	.2400829	.3134992	.3181256	.0204567

#1	944.2158	40045.18	7019.235	994.6054	1385.372
#2	941.4803	40197.62	6988.385	999.8003	1385.232
#3	939.7851	40019.62	7030.944	994.0583	1384.827

Sample Name: M4719-17 Acquired: 12/02/2021 15:03:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB960 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497596	-.010588	1.578814	.0239466	-.001232	56.54018	.9251269
Stddev	.0037544	.008198	.002821	.0025289	.001878	.31804	.0053545
%RSD	7.545008	77.42461	.1786682	10.56076	152.4143	.5625026	.5787907

#1	.0540633	-.009538	1.582071	.0210510	-.002019	56.31897	.9198771
#2	.0471566	-.002966	1.577151	.0257216	.000911	56.39693	.9249232
#3	.0480588	-.019261	1.577220	.0250673	-.002590	56.90465	.9305803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094135	.0024572	73.75093	.1034421	.1760611	.1434204	138.0640
Stddev	.0001032	.0001655	.38312	.0002629	.0012012	.0020338	.8576
%RSD	1.095915	6.736823	.5194754	.2541642	.6822517	1.418103	.6211498

#1	.0093721	.0026286	73.54554	.1035272	.1749644	.1416500	137.6349
#2	.0095310	.0022982	73.51431	.1031471	.1758742	.1429692	137.5057
#3	.0093376	.0024447	74.19295	.1036519	.1773448	.1456419	139.0514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22411	39.21716	.1861377	-.010911	.4368622	.2275294	.5132320
Stddev	.06669	.38853	.0016269	.000344	.1694280	.0022698	.0062265
%RSD	.6522602	.9907100	.8740049	3.148805	38.78295	.9975643	1.213201

#1	10.19312	38.80646	.1842609	-.010955	.6324235	.2257496	.5152044
#2	10.17856	39.26616	.1871446	-.011231	.3438452	.2300855	.5062581
#3	10.30066	39.57887	.1870077	-.010548	.3343178	.2267533	.5182334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.334981	3.506556	.1551955	.0028638	1.961215	7.017119	.0103435
Stddev	.107873	.011781	.0012525	.0005533	.010224	.076266	.0017012
%RSD	4.619869	.3359762	.8070273	19.32017	.5213251	1.086858	16.44727

#1	2.289213	3.508631	.1566338	.0033643	1.951573	6.996557	.0119391
#2	2.257539	3.493875	.1546064	.0022697	1.971936	6.953241	.0105380
#3	2.458193	3.517162	.1543461	.0029574	1.960137	7.101558	.0085534

Sample Name: M4719-17 Acquired: 12/02/2021 15:03:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB960 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7044951	.0296563	-.080348
Stddev	.0031760	.0003340	.000455
%RSD	.4508177	1.126266	.5668464

#1	.7065759	.0298034	-.080229
#2	.7008394	.0292740	-.079963
#3	.7060699	.0298916	-.080851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	958.5978	40733.76	7073.297	1015.267	1403.626
Stddev	2.5501	142.87	59.089	2.104	1.474
%RSD	.2660240	.3507347	.8353836	.2072725	.1050349

#1	960.5921	40593.05	7076.374	1013.036	1405.079
#2	955.7245	40729.54	7130.787	1017.217	1402.131
#3	959.4767	40878.69	7012.729	1015.547	1403.668

Sample Name: CCV079 Acquired: 12/02/2021 15:07:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.010245	5.099788	25.36457	4.964376	5.091496	394.6740
Stddev	.027453	.022283	.03644	.017067	.019877	1.0722
%RSD	.5479442	.4369481	.1436794	.3437959	.3903898	.2716766

#1	4.990107	5.117079	25.35501	4.980755	5.113454	395.2111
#2	5.041516	5.107644	25.33386	4.946695	5.074731	395.3715
#3	4.999113	5.074641	25.40484	4.965678	5.086305	393.4394

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44380	.5230459	2.532509	408.2959	15.43562	2.586013
Stddev	.01874	.0015100	.004236	1.3748	.03946	.004654
%RSD	.1793977	.2886931	.1672641	.3367187	.2556196	.1799721

#1	10.45119	.5237020	2.534526	407.6339	15.39514	2.586354
#2	10.45770	.5241168	2.527642	409.8765	15.47397	2.581198
#3	10.42249	.5213188	2.535359	407.3773	15.43774	2.590488

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.64096	407.4189	15.82894	406.2632	2.567137	1.326461
Stddev	.05579	1.2488	.07269	2.0497	.006046	.001724
%RSD	.3567086	.3065042	.4592242	.5045317	.2355174	.1299657

#1	15.59205	407.7322	15.80618	405.7672	2.573429	1.324993
#2	15.70173	408.4811	15.91029	408.5154	2.561371	1.328360
#3	15.62909	406.0433	15.77036	404.5069	2.566611	1.326031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.8706	2.600477	15.27856	160.0098	5.219367	F 5.567538
Stddev	.7330	.012153	.06649	.4836	.008412	.012044
%RSD	.1837657	.4673543	.4351875	.3022063	.1611782	.2163291

#1	398.6977	2.612719	15.31449	159.7986	5.222887	5.561514
#2	399.6746	2.600296	15.31936	160.5630	5.209766	5.581406
#3	398.2395	2.588414	15.20184	159.6677	5.225448	5.559694

Sample Name: CCV079 Acquired: 12/02/2021 15:07:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.092963	5.169595	5.246833	5.101009	5.216310	5.498932
Stddev	.010205	.002740	.016704	.011615	.011066	.013100
%RSD	.2003700	.0529926	.3183608	.2277027	.2121460	.2382198

#1	5.102582	5.169255	5.243526	5.113104	5.218589	5.500557
#2	5.082259	5.167041	5.264943	5.089942	5.226060	5.511143
#3	5.094050	5.172489	5.232029	5.099982	5.204282	5.485095

Elem	Sr4077
Units	ppm
Avg	5.017246
Stddev	.012191
%RSD	.2429766

#1	5.015666
#2	5.030150
#3	5.005923

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	683.5168	31252.81	5568.439	734.4232	1163.747
Stddev	3.1560	75.96	18.374	4.3069	3.579
%RSD	.4617305	.2430438	.3299672	.5864290	.3075347

#1	680.1254	31338.25	5570.147	729.4787	1160.010
#2	686.3676	31192.93	5549.271	736.4331	1167.143
#3	684.0576	31227.24	5585.900	737.3576	1164.087

Sample Name: CCB079 Acquired: 12/02/2021 15:11:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004824	-.001630	-.001147	.0027607	-.005573	.0005039	-.002470
Stddev	.008101	.002474	.001604	.0045488	.003045	.0089314	.000341
%RSD	167.9320	151.8170	139.8018	164.7724	54.63548	1772.530	13.79383

#1	-.005783	-.001337	.000250	.0068138	-.005238	-.001080	-.002563
#2	.003714	-.004237	-.000794	-.002159	-.008771	-.007530	-.002755
#3	-.012404	.000685	-.002898	.003627	-.002709	.010121	-.002093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	.0000011	-.017368	.0000146	.0000509	.0006330	.0082493
Stddev	.000132	.0000630	.006804	.0001930	.0001310	.0007515	.0034444
%RSD	355.8769	5799.183	39.17793	1319.062	257.2501	118.7282	41.75344

#1	-.000120	.0000531	-.016507	-.000188	-.000060	.0014033	.0052717
#2	-.000106	.0000190	-.011035	.000196	.000195	-.000098	.0074547
#3	.000115	-.000069	-.024562	.000037	.000018	.000594	.0120216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002613	.0242346	.0008292	-.000039	-.550794	-.000370	.0018108
Stddev	.0006811	.0336322	.0002489	.000574	.157043	.003504	.0010486
%RSD	260.6891	138.7776	30.01316	1486.941	28.51220	947.4842	57.90865

#1	.0006639	-.004069	.0009373	-.000313	-.419810	-.001264	.0016073
#2	-.000525	.015358	.0005446	.000622	-.507681	.003495	.0029463
#3	.000645	.061415	.0010058	-.000424	-.724890	-.003341	.0008789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.070865	.0029985	.0072134	.0008447	.0051710	.0020947	.0003124
Stddev	.092379	.0027888	.0015666	.0005194	.0028944	.0003644	.0008381
%RSD	130.3597	93.00409	21.71797	61.49064	55.97413	17.39539	268.2250

#1	-.081973	-.000058	.0086364	.0014141	.0067494	.0025053	.0000234
#2	.026566	.005404	.0074690	.0007233	.0069330	.0018096	-.000343
#3	-.157189	.003650	.0055347	.0003968	.0018305	.0019693	.001257

Sample Name: CCB079 Acquired: 12/02/2021 15:11:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005884	.0012159	.0000396
Stddev	.0000706	.0017621	.0000623
%RSD	12.00303	144.9238	157.4106

#1	.0005961	-.000450	-.000002
#2	.0006549	.003061	.000111
#3	.0005143	.001037	.000010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	805.5420	33635.62	5861.900	848.3428	1419.142
Stddev	.5013	723.37	8.720	14.3665	3.141
%RSD	.0622280	2.150609	.1487545	1.693479	.2213343

#1	804.9633	33977.92	5865.700	858.1539	1416.026
#2	805.8442	32804.63	5851.925	831.8527	1422.308
#3	805.8183	34124.30	5868.075	855.0219	1419.092

Sample Name: M4719-18 Acquired: 12/02/2021 15:15:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB961 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311611	-.006338	.3874645	.0151619	-.001357	17.35613	.2963435
Stddev	.0098447	.003260	.0055623	.0025189	.000946	.05715	.0006527
%RSD	31.59294	51.43084	1.435563	16.61306	69.73160	.3292652	.2202552

#1	.0372422	-.006646	.3823995	.0125275	-.001200	17.41107	.2970916
#2	.0198029	-.002935	.3865767	.0154115	-.000500	17.36032	.2958903
#3	.0364382	-.009433	.3934173	.0175466	-.002373	17.29701	.2960485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052881	.0006226	3.810031	.1597136	.0852314	.0617129	107.4186
Stddev	.0002677	.0002371	.010024	.0006990	.0004697	.0016358	.0762
%RSD	5.061711	38.08982	.2630967	.4376829	.5510452	2.650617	.0709247

#1	.0051989	.0006187	3.801832	.1589933	.0855500	.0632648	107.4067
#2	.0055890	.0008617	3.821206	.1603893	.0846921	.0600045	107.5000
#3	.0050764	.0003875	3.807056	.1597581	.0854523	.0618696	107.3490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.808261	2.199852	.1033860	-.007682	.0536334	.1928651	.1588249
Stddev	.007403	.025107	.0004061	.000258	.1243074	.0010185	.0047133
%RSD	.1943800	1.141316	.3928282	3.354612	231.7724	.5280644	2.967631

#1	3.806632	2.227881	.1029188	-.007470	-.089402	.1924851	.1629894
#2	3.816343	2.192253	.1036554	-.007606	.114757	.1940190	.1597772
#3	3.801809	2.179422	.1035837	-.007969	.135545	.1920914	.1537082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4101208	1.660725	.1188487	.0029777	.2064205	2.954210	.0080908
Stddev	.0355912	.003469	.0007658	.0004787	.0013341	.018104	.0020926
%RSD	8.678225	.2088978	.6443266	16.07489	.6463120	.6128045	25.86390

#1	.4050458	1.656728	.1180330	.0035100	.2065969	2.956416	.0095323
#2	.4479771	1.662488	.1189611	.0025826	.2076577	2.971109	.0056906
#3	.3773395	1.662958	.1195521	.0028406	.2050070	2.935104	.0090494

Sample Name: M4719-18 Acquired: 12/02/2021 15:15:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB961 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5238086	.0074895	-.097680
Stddev	.0026450	.0005761	.000056
%RSD	.5049525	7.692612	.0577096

#1	.5264235	.0075645	-.097705
#2	.5211345	.0080244	-.097719
#3	.5238677	.0068795	-.097615

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	878.8253	36861.79	6366.615	924.6119	1458.467
Stddev	1.6014	111.76	15.066	1.1560	3.689
%RSD	.1822237	.3031948	.2366402	.1250304	.2529332

#1	877.9364	36910.27	6369.879	923.7360	1456.395
#2	880.6740	36941.13	6350.185	925.9222	1462.726
#3	877.8655	36733.97	6379.782	924.1775	1456.279

Sample Name: M4719-19 Acquired: 12/02/2021 15:19:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB962 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234991	-.008295	.0594368	.0075328	-.004149	16.94496	.1384349
Stddev	.0129074	.001724	.0014401	.0021722	.003727	.18969	.0015491
%RSD	54.92722	20.78875	2.422981	28.83655	89.83673	1.119477	1.119016

#1	.0375848	-.006846	.0585381	.0082017	-.004187	16.73348	.1367199
#2	.0122376	-.010202	.0586745	.0051048	-.007858	17.00130	.1388523
#3	.0206750	-.007838	.0610979	.0092919	-.000403	17.10010	.1397326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066429	-.000676	2.595846	.1912624	.0348707	.0370031	84.79943
Stddev	.0001323	.000062	.012431	.0011196	.0002102	.0039496	.91099
%RSD	1.991284	9.218335	.4788844	.5853678	.6027507	10.67364	1.074283

#1	.0065721	-.000625	2.582522	.1921789	.0350885	.0328750	83.75185
#2	.0065612	-.000657	2.597884	.1915938	.0348545	.0407459	85.24064
#3	.0067956	-.000745	2.607132	.1900146	.0346691	.0373885	85.40580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3685191	1.710244	.0595636	-.006451	.1023177	.2452549	.1415724
Stddev	.0043673	.015001	.0005249	.000141	.2745727	.0047782	.0022395
%RSD	1.185090	.8771077	.8811785	2.186525	268.3532	1.948255	1.581840

#1	.3635901	1.725988	.0595234	-.006297	.1981676	.2406561	.1441166
#2	.3700607	1.696118	.0601074	-.006481	-.207332	.2449143	.1407011
#3	.3719065	1.708627	.0590600	-.006575	.316117	.2501942	.1398996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3054972	1.354616	.0912293	.0025637	.1300672	3.025690	.0093573
Stddev	.0500138	.012717	.0036133	.0006094	.0025979	.010880	.0009266
%RSD	16.37128	.9387725	3.960712	23.76868	1.997360	.3595940	9.902696

#1	.3565639	1.340174	.0873054	.0029989	.1325900	3.020270	.0087470
#2	.2566074	1.359538	.0919633	.0028250	.1274001	3.018584	.0089014
#3	.3033202	1.364136	.0944193	.0018673	.1302115	3.038215	.0104236

Sample Name: M4719-19 Acquired: 12/02/2021 15:19:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB962 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5721790	.0052258	-.077421
Stddev	.0063208	.0010733	.000914
%RSD	1.104684	20.53766	1.180322

#1	.5649417	.0040410	-.076373
#2	.5749799	.0055034	-.077838
#3	.5766153	.0061330	-.078052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	878.7867	36872.30	6433.212	925.8047	1464.789
Stddev	1.0821	80.26	34.160	4.5541	2.857
%RSD	.1231346	.2176680	.5309988	.4919020	.1950269

#1	879.2865	36964.65	6465.429	921.3702	1467.401
#2	879.5286	36832.84	6436.815	925.5744	1465.229
#3	877.5451	36819.41	6397.394	930.4695	1461.738

Sample Name: M4719-20 Acquired: 12/02/2021 15:23:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB963 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391645	-.000642	.2509071	.0156174	-.000575	14.63216	.2350888
Stddev	.0051910	.005998	.0022210	.0018413	.001196	.03738	.0008344
%RSD	13.25428	934.7730	.8851866	11.78995	208.0406	.2554859	.3549420

#1	.0392471	-.007543	.2515072	.0140917	-.001266	14.59279	.2342854
#2	.0443137	.003319	.2484477	.0150978	.000806	14.66717	.2359511
#3	.0339327	.002299	.2527664	.0176626	-.001265	14.63653	.2350299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047683	-.000071	3.260145	.1324145	.0569861	.0433620	97.43098
Stddev	.0001104	.000124	.009622	.0009199	.0003410	.0019468	.20945
%RSD	2.314503	174.2694	.2951280	.6947405	.5983123	4.489582	.2149731

#1	.0048931	.000049	3.255268	.1316602	.0566157	.0411917	97.19669
#2	.0047286	-.000063	3.271228	.1334394	.0570559	.0449545	97.49616
#3	.0046833	-.000199	3.253938	.1321440	.0572868	.0439397	97.60009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.683421	1.941413	.0731568	-.007126	.1165546	.1839987	.1299549
Stddev	.005269	.031071	.0013244	.000432	.1849263	.0020020	.0039096
%RSD	.1963364	1.600444	1.810348	6.067444	158.6607	1.088034	3.008392

#1	2.677563	1.965943	.0739477	-.007465	.3159419	.1862130	.1258960
#2	2.684930	1.906474	.0716278	-.007274	-.049330	.1834664	.1302732
#3	2.687771	1.951824	.0738948	-.006639	.083052	.1823167	.1336956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1998994	1.401758	.1069762	.0026569	.1863795	2.650392	.0096626
Stddev	.0520460	.004036	.0019680	.0005212	.0100115	.025773	.0026011
%RSD	26.03608	.2879327	1.839631	19.61849	5.371550	.9724253	26.91910

#1	.2117800	1.397200	.1048301	.0024237	.1922038	2.651841	.0072973
#2	.2449780	1.404876	.1086962	.0032540	.1921154	2.675410	.0124482
#3	.1429403	1.403200	.1074024	.0022930	.1748194	2.623925	.0092423

Sample Name: M4719-20 Acquired: 12/02/2021 15:23:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB963 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5141913	.0024614	-.089318
Stddev	.0025874	.0013974	.000208
%RSD	.5032038	56.77465	.2330737

#1	.5121899	.0025529	-.089104
#2	.5171131	.0010205	-.089330
#3	.5132708	.0038108	-.089519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	868.8259	36397.63	6339.850	915.6100	1452.192
Stddev	2.6188	136.16	31.149	5.3530	.798
%RSD	.3014149	.3741004	.4913231	.5846370	.0549432

#1	870.7903	36485.16	6354.167	913.9814	1453.100
#2	869.8346	36240.75	6304.116	911.2605	1451.603
#3	865.8528	36466.98	6361.266	921.5882	1451.874

Sample Name: M4719-21 Acquired: 12/02/2021 15:28:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB964 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339783	-.000323	1.432411	.0171160	-.003097	37.22128	.5881836
Stddev	.0050992	.001141	.006219	.0053033	.003607	.11156	.0005963
%RSD	15.00734	353.3421	.4341887	30.98439	116.4801	.2997200	.1013742

#1	.0366222	.000629	1.431950	.0176203	-.007168	37.11466	.5884394
#2	.0281001	-.001588	1.438848	.0221492	-.000300	37.21198	.5875021
#3	.0372126	-.000010	1.426435	.0115786	-.001822	37.33720	.5886094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070071	.0018650	34.66066	.1006861	.1314134	.1053278	107.5195
Stddev	.0001381	.0001333	.14941	.0005900	.0004274	.0019957	.4446
%RSD	1.971182	7.145283	.4310558	.5859840	.3252107	1.894724	.4135156

#1	.0068693	.0018714	34.52604	.1013600	.1311398	.1048943	107.1877
#2	.0071456	.0017287	34.63453	.1004360	.1319058	.1075046	107.3461
#3	.0070063	.0019949	34.82141	.1002624	.1311945	.1035845	108.0246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.676968	16.40695	.1518915	-.008315	.1026448	.1937404	.2684890
Stddev	.034626	.08235	.0013236	.000298	.1660178	.0020554	.0019905
%RSD	.5185887	.5018951	.8714325	3.580973	161.7402	1.060890	.7413736

#1	6.652155	16.33602	.1514643	-.008006	.0234726	.1917476	.2705786
#2	6.662223	16.49725	.1533760	-.008601	.2934286	.1958531	.2682731
#3	6.716526	16.38756	.1508342	-.008339	-.008967	.1936204	.2666152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.697312	2.535342	.1224751	.0026682	1.592811	6.158051	.0103925
Stddev	.019479	.005605	.0013636	.0003426	.005244	.031056	.0008312
%RSD	1.147621	.2210619	1.113381	12.84094	.3292296	.5043225	7.998019

#1	1.681391	2.540118	.1223357	.0022753	1.589202	6.126549	.0098149
#2	1.719032	2.536736	.1211866	.0029051	1.598826	6.158962	.0113451
#3	1.691513	2.529172	.1239031	.0028240	1.590404	6.188641	.0100174

Sample Name: M4719-21 Acquired: 12/02/2021 15:28:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB964 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7365710	.0175799	-.064944
Stddev	.0045979	.0003241	.000434
%RSD	.6242296	1.843709	.6683353

#1	.7335239	.0173231	-.064588
#2	.7343293	.0174725	-.064816
#3	.7418598	.0179440	-.065427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	914.8358	38643.61	6723.195	966.8112	1437.696
Stddev	1.4464	133.11	42.332	2.7915	1.822
%RSD	.1581094	.3444616	.6296390	.2887348	.1267093

#1	916.3366	38787.91	6761.221	969.8903	1439.072
#2	913.4507	38525.61	6730.783	964.4459	1438.387
#3	914.7203	38617.31	6677.583	966.0975	1435.630

Sample Name: M4719-22 Acquired: 12/02/2021 15:32:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB965 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378241	-.002760	1.269339	.0173580	-.003795	36.09495	.5777543
Stddev	.0048464	.004521	.006678	.0041980	.001526	.05221	.0009987
%RSD	12.81295	163.7879	.5261354	24.18498	40.20713	.1446491	.1728498

#1	.0418170	-.000052	1.268097	.0138034	-.002692	36.15370	.5766065
#2	.0392233	-.007980	1.263369	.0162809	-.003157	36.05385	.5782327
#3	.0324320	-.000250	1.276552	.0219896	-.005536	36.07730	.5784238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069220	.0014516	27.51318	.1161352	.1258306	.0973790	111.4684
Stddev	.0001832	.0002076	.11957	.0009093	.0013510	.0019366	.2432
%RSD	2.645857	14.29972	.4345920	.7830109	1.073694	1.988672	.2182041

#1	.0068565	.0013855	27.65053	.1152919	.1268213	.0995337	111.7487
#2	.0067806	.0016841	27.45674	.1170986	.1263790	.0957838	111.3438
#3	.0071289	.0012851	27.43229	.1160150	.1242916	.0968196	111.3127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.082361	13.77141	.1383780	-.008639	.2122739	.2015940	.2580525
Stddev	.041750	.08357	.0005045	.000483	.1125725	.0008363	.0070219
%RSD	.5894966	.6068459	.3646097	5.593653	53.03174	.4148571	2.721132

#1	7.130052	13.86468	.1383776	-.008091	.0926100	.2006308	.2516500
#2	7.064617	13.74623	.1378737	-.009004	.2281400	.2021352	.2569453
#3	7.052413	13.70332	.1388828	-.008823	.3160716	.2020161	.2655623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.796965	2.449138	.1257814	.0021030	1.240233	6.029069	.0088206
Stddev	.050346	.003053	.0018705	.0003110	.008493	.008657	.0005985
%RSD	2.801736	.1246474	1.487079	14.78666	.6847944	.1435954	6.785846

#1	1.754059	2.449375	.1255791	.0019926	1.243074	6.038284	.0082704
#2	1.784445	2.452065	.1277448	.0024541	1.246941	6.027819	.0094580
#3	1.852389	2.445973	.1240203	.0018623	1.230684	6.021105	.0087336

Sample Name: M4719-22 Acquired: 12/02/2021 15:32:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB965 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7737321	.0169184	-.077138
Stddev	.0002463	.0013192	.000357
%RSD	.0318321	7.797241	.4626976

#1	.7734492	.0153952	-.077483
#2	.7738484	.0176893	-.077161
#3	.7738987	.0176708	-.076770

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	913.3537	38501.20	6662.885	967.2776	1442.351
Stddev	1.1977	102.83	36.154	9.1513	1.560
%RSD	.1311301	.2670776	.5426187	.9460851	.1081553

#1	913.0329	38409.49	6621.261	973.1768	1441.714
#2	912.3491	38481.75	6680.918	956.7356	1441.210
#3	914.6792	38612.37	6686.475	971.9205	1444.128

Sample Name: PB141060BL Acquired: 12/02/2021 15:40:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006986	.0012559	-.000500	.0002957	-.004693	-.002210	-.002012
Stddev	.0077149	.0012705	.000869	.0037186	.001291	.007050	.000500
%RSD	1104.346	101.1618	173.9373	1257.584	27.51051	318.9801	24.85658

#1	.0004900	.0021718	-.000242	.0034957	-.003222	.000813	-.002547
#2	-.006910	.0017904	.000211	-.003784	-.005638	.002824	-.001557
#3	.008516	-.000195	-.001468	.001175	-.005220	-.010267	-.001931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	-.000039	-.020714	.0003054	.0002777	.0030521	.0063375
Stddev	.000021	.000086	.007733	.0002060	.0000229	.0008029	.0043282
%RSD	35.24453	219.4652	37.33200	67.45992	8.244691	26.30849	68.29530

#1	-.000040	-.000048	-.021526	.0000805	.0002992	.0021263	.0060689
#2	-.000056	-.000121	-.028009	.0004850	.0002536	.0034716	.0021498
#3	-.000081	.000051	-.012607	.0003508	.0002802	.0035584	.0107937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003450	.0186447	-.000436	-.000300	-.385556	-.000539	-.001619
Stddev	.0004221	.0401206	.000475	.000386	.077595	.004271	.002289
%RSD	122.3435	215.1854	108.9183	128.6615	20.12545	792.2010	141.3296

#1	.0000318	-.027682	-.000644	-.000536	-.470373	-.004193	-.002821
#2	.0001781	.041546	-.000771	-.000510	-.368156	.004156	-.003057
#3	.0008249	.042070	.000107	.000146	-.318138	-.001581	.001020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.145524	-.003837	-.003465	.0003338	.0069297	.0011840	.0000441
Stddev	.082872	.003946	.001182	.0005215	.0059102	.0008747	.0001676
%RSD	56.94697	102.8525	34.11529	156.2209	85.28725	73.87317	379.6526

#1	-.073712	-.004736	-.003073	.0008791	.0085125	.0016552	.0000966
#2	-.236203	.000481	-.004794	-.000160	.0118874	.0017220	.0001793
#3	-.126658	-.007255	-.002529	.000282	.0003893	.0001748	-.000143

Sample Name: PB141060BL Acquired: 12/02/2021 15:40:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS060 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010667	-.001397	.0000125
Stddev	.0011530	.000445	.0000557
%RSD	108.0876	31.88903	446.9054

#1	.0017231	-.001910	-.000026
#2	-.000265	-.001168	.000076
#3	.001742	-.001112	-.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	808.6462	33829.28	5809.858	847.1931	1420.595
Stddev	1.4797	262.37	28.622	3.6468	2.618
%RSD	.1829885	.7755697	.4926383	.4304622	.1842730

#1	810.2716	34018.38	5808.575	848.4569	1422.478
#2	807.3773	33939.72	5839.100	850.0399	1421.701
#3	808.2896	33529.75	5781.900	843.0824	1417.605

Sample Name: M4720-01 Acquired: 12/02/2021 15:48:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB966 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311717	.0019920	.7164951	.0124816	-.003945	23.27591	.3496605
Stddev	.0063495	.0007464	.0145147	.0067224	.001818	.07384	.0007156
%RSD	20.36944	37.47162	2.025792	53.85823	46.07709	.3172251	.2046565

#1	.0367680	.0018558	.7001765	.0049807	-.003194	23.35895	.3504786
#2	.0242714	.0013230	.7279640	.0145020	-.002623	23.21767	.3491508
#3	.0324757	.0027971	.7213449	.0179620	-.006018	23.25111	.3493521

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051555	-.000273	6.534184	.1055840	.0675222	.0572717	88.91553
Stddev	.0000135	.000181	.043320	.0011259	.0014551	.0024796	.44873
%RSD	.2610873	66.18150	.6629675	1.066362	2.154925	4.329618	.5046746

#1	.0051400	-.000428	6.576990	.1056951	.0658532	.0568781	89.42169
#2	.0051636	-.000075	6.535194	.1066503	.0685244	.0599246	88.75843
#3	.0051630	-.000316	6.490369	.1044067	.0681889	.0550123	88.56647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.725057	3.317068	.0903671	-.006594	.0760238	.1739038	.1581866
Stddev	.019073	.026998	.0007123	.000101	.2036032	.0029720	.0019429
%RSD	.5120227	.8139162	.7882236	1.524597	267.8151	1.708979	1.228253

#1	3.746379	3.348242	.0895463	-.006638	.3065810	.1755407	.1563628
#2	3.719173	3.301616	.0908231	-.006665	.0005801	.1756975	.1579671
#3	3.709619	3.301346	.0907319	-.006479	-.079090	.1704733	.1602300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.867511	1.530256	.0960731	.0019152	.5122676	3.404670	.0104756
Stddev	.006025	.017910	.0019459	.0004887	.0040565	.023540	.0024293
%RSD	.3226332	1.170394	2.025476	25.51784	.7918652	.6914136	23.18977

#1	1.861405	1.509633	.0962692	.0018174	.5094226	3.431824	.0081336
#2	1.867678	1.541913	.0979136	.0014827	.5104676	3.392162	.0103096
#3	1.873451	1.539221	.0940365	.0024454	.5169126	3.390024	.0129836

Sample Name: M4720-01 Acquired: 12/02/2021 15:48:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB966 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9126629	.0090320	-.070032
Stddev	.0061152	.0008851	.000476
%RSD	.6700401	9.799636	.6790752

#1	.9176990	.0081246	-.070557
#2	.9058584	.0090786	-.069909
#3	.9144314	.0098930	-.069630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	909.5571	37704.70	6534.962	947.5937	1491.565
Stddev	14.1819	445.23	26.961	12.2014	22.821
%RSD	1.559205	1.180833	.4125673	1.287619	1.530001

#1	925.4372	38011.69	6506.171	956.5598	1517.914
#2	905.0801	37194.07	6539.098	933.6989	1478.663
#3	898.1540	37908.34	6559.615	952.5225	1478.117

Sample Name: M4720-02 Acquired: 12/02/2021 15:52:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374481	-.002151	.6915443	.0150133	-.003439	23.52915	.3403600
Stddev	.0023757	.003003	.0026791	.0017800	.001593	.05576	.0010253
%RSD	6.343950	139.6288	.3874148	11.85642	46.31458	.2370014	.3012496

#1	.0347053	-.003683	.6945829	.0168103	-.004266	23.52790	.3394515
#2	.0388613	-.004079	.6895221	.0149789	-.001603	23.58554	.3401567
#3	.0387776	.001309	.6905279	.0132507	-.004449	23.47403	.3414717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055205	-.000615	5.749062	.1204051	.0902946	.0649643	100.7715
Stddev	.0000348	.000161	.022800	.0001142	.0008364	.0015617	.6595
%RSD	.6301972	26.18768	.3965826	.0948080	.9263314	2.403928	.6544701

#1	.0054817	-.000796	5.758581	.1204351	.0898196	.0655471	100.8395
#2	.0055488	-.000560	5.765560	.1202789	.0912603	.0631950	101.3943
#3	.0055311	-.000488	5.723046	.1205012	.0898037	.0661508	100.0806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.756477	3.058621	.0892561	-.007246	-.095444	.1875241	.1562547
Stddev	.019860	.022475	.0002802	.000241	.217734	.0022374	.0039060
%RSD	.5286756	.7347992	.3139529	3.319503	228.1264	1.193150	2.499782

#1	3.752269	3.033444	.0890127	-.007308	-.166462	.1894756	.1591951
#2	3.778104	3.076658	.0895624	-.006981	-.268803	.1880147	.1577463
#3	3.739059	3.065761	.0891931	-.007450	.148931	.1850821	.1518226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9178490	1.517682	.1091253	.0025443	.4039511	3.262008	.0095777
Stddev	.0392851	.007434	.0010801	.0006161	.0059718	.038594	.0020830
%RSD	4.280129	.4897972	.9897878	24.21348	1.478348	1.183124	21.74828

#1	.9486202	1.524118	.1092064	.0032542	.3974862	3.267892	.0119330
#2	.8735987	1.509546	.1101626	.0021510	.4051060	3.297322	.0088226
#3	.9313282	1.519382	.1080070	.0022275	.4092611	3.220810	.0079776

Sample Name: M4720-02 Acquired: 12/02/2021 15:52:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8186360	.0087597	-.083149
Stddev	.0045724	.0009570	.000652
%RSD	.5585436	10.92548	.7843351

#1	.8170309	.0095617	-.083194
#2	.8237946	.0077003	-.083777
#3	.8150826	.0090172	-.082475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.2693	37621.85	6449.527	947.0997	1465.622
Stddev	3.0061	62.97	32.126	5.6293	3.251
%RSD	.3372866	.1673792	.4981112	.5943770	.2218493

#1	888.5454	37689.42	6469.012	951.2140	1464.288
#2	890.7679	37611.31	6412.448	940.6843	1463.249
#3	894.4946	37564.81	6467.122	949.4006	1469.328

Sample Name: PB141059BL Acquired: 12/02/2021 15:56:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001674	-.005231	-.002495	.0025514	-.003197	.0082580	-.003635
Stddev	.003018	.004512	.002772	.0066169	.001207	.0100424	.000586
%RSD	180.2598	86.26912	111.1335	259.3479	37.74935	121.6090	16.12497

#1	.001568	-.000628	-.002412	.0099279	-.002548	-.002112	-.004044
#2	-.002188	-.009647	-.005307	.0005878	-.002454	.008948	-.003899
#3	-.004402	-.005416	.000236	-.002862	-.004589	.017938	-.002964

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000245	.0000206	-.019581	-.000009	.0004002	.0020148	.0046515
Stddev	.0000827	.0000387	.008796	.000338	.0004508	.0014764	.0075454
%RSD	337.6216	187.6781	44.91926	3666.657	112.6281	73.27785	162.2151

#1	-.000056	-.000023	-.019594	-.000289	.0002924	.0037130	.0049462
#2	.000020	.000049	-.010779	-.000106	.0008952	.0010362	-.003037
#3	.000109	.000036	-.028370	.000367	.0000131	.0012951	.012045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000277	-.005689	.0005441	-.000501	-.252246	.0004413	-.003087
Stddev	.000230	.028979	.0003038	.000356	.283804	.0006224	.003594
%RSD	82.95490	509.4095	55.82839	71.09113	112.5108	141.0547	116.4246

#1	-.000331	.027310	.0008730	-.000474	-.575616	.0006134	.000590
#2	-.000476	-.026995	.0002740	-.000869	-.136596	-.000249	-.006591
#3	-.000025	-.017381	.0004854	-.000159	-.044528	.000959	-.003260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.134944	.0044288	-.004143	.0002588	.0031075	.0013685	-.004180
Stddev	.076194	.0010119	.001787	.0007289	.0137749	.0014268	.001152
%RSD	56.46353	22.84864	43.12354	281.5899	443.2865	104.2658	27.56967

#1	-.047015	.0041617	-.004676	-.000271	.0139151	.0018595	-.002902
#2	-.176283	.0035772	-.002151	.001090	-.012403	-.000239	-.005141
#3	-.181534	.0055474	-.005603	-.000042	.007810	.002485	-.004497

Sample Name: PB141059BL Acquired: 12/02/2021 15:56:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS059 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003238	.0022101	-.000025
Stddev	.0007590	.0007755	.000051
%RSD	234.3774	35.09068	202.5133

#1	-.000345	.0029422	.000006
#2	.001149	.0013975	-.000084
#3	.000167	.0022905	.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	804.8606	33635.69	5841.000	846.1834	1414.638
Stddev	1.1746	267.32	17.875	9.1319	3.141
%RSD	.1459403	.7947583	.3060264	1.079186	.2220129

#1	805.2750	33327.73	5830.000	835.6509	1412.843
#2	803.5350	33807.81	5831.375	851.8878	1412.806
#3	805.7719	33771.55	5861.625	851.0114	1418.265

Sample Name: M4720-03 Acquired: 12/02/2021 16:01:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361877	-.005151	.7799841	.0156610	-.003904	25.39261	.3650966
Stddev	.0098280	.003486	.0048832	.0025035	.001414	.03956	.0008716
%RSD	27.15834	67.67196	.6260636	15.98562	36.21190	.1557737	.2387314

#1	.0404059	-.009045	.7834061	.0131448	-.005155	25.35003	.3656161
#2	.0249547	-.004090	.7743920	.0181516	-.002371	25.39959	.3640903
#3	.0432023	-.002320	.7821543	.0156867	-.004185	25.42822	.3655833

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056128	-.000354	6.386711	.1100019	.0821041	.0647218	102.3264
Stddev	.0001177	.000073	.041299	.0000637	.0006666	.0014582	.1158
%RSD	2.097669	20.55470	.6466428	.0579456	.8119239	2.253009	.1131464

#1	.0054971	-.000327	6.431290	.1099356	.0813510	.0661196	102.4238
#2	.0056088	-.000436	6.349754	.1100075	.0823428	.0648359	102.3570
#3	.0057325	-.000298	6.379088	.1100627	.0826185	.0632099	102.1984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.959899	3.383726	.0982126	-.007732	.0392772	.1928145	.1704404
Stddev	.008139	.058116	.0008886	.000292	.2128465	.0048259	.0016912
%RSD	.2055261	1.717502	.9048014	3.782690	541.9089	2.502856	.9922574

#1	3.957170	3.365722	.0985588	-.007583	.2622271	.1880314	.1700530
#2	3.969052	3.336743	.0972030	-.008069	.0173768	.1976820	.1689766
#3	3.953476	3.448713	.0988760	-.007544	-.161772	.1927300	.1722918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000593	1.641168	.1089203	.0023079	.4336380	3.714112	.0124587
Stddev	.055065	.011491	.0011869	.0004961	.0029201	.035301	.0006220
%RSD	5.503248	.7001589	1.089655	21.49665	.6734073	.9504428	4.992895

#1	.964868	1.649436	.1076348	.0026613	.4305733	3.754145	.0118638
#2	1.064008	1.628047	.1091517	.0017407	.4339524	3.700740	.0131047
#3	.972905	1.646022	.1099745	.0025217	.4363881	3.687451	.0124074

Sample Name: M4720-03 Acquired: 12/02/2021 16:01:08 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB967D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8360823	.0097045	-.083643
Stddev	.0026006	.0009137	.000056
%RSD	.3110459	9.415321	.0664321

#1	.8330813	.0103591	-.083683
#2	.8376765	.0086607	-.083666
#3	.8374890	.0100940	-.083579

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	904.9588	38093.69	6543.816	961.8809	1471.266
Stddev	1.1891	125.10	24.818	4.1994	2.597
%RSD	.1313993	.3283954	.3792619	.4365851	.1765156

#1	905.8016	38222.90	6517.707	965.6025	1472.555
#2	903.5986	38085.02	6546.638	957.3280	1472.966
#3	905.4762	37973.15	6567.102	962.7123	1468.277

Sample Name: M4720-04 Acquired: 12/02/2021 16:05:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043353	.0860059	.7611306	.2979656	.0949068	28.92601	4.316913
Stddev	.0025463	.0027333	.0036094	.0020481	.0029568	.03370	.007331
%RSD	2.440515	3.178070	.4742138	.6873570	3.115501	.1164871	.1698211

#1	.1053327	.0891490	.7648283	.2956543	.0915235	28.96133	4.322214
#2	.1014413	.0841852	.7609470	.2995547	.0969954	28.92248	4.308547
#3	.1062320	.0846837	.7576165	.2986880	.0962017	28.89422	4.319978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1085483	.1100728	5.846744	.5200844	1.111935	.5449616	100.9508
Stddev	.0006760	.0001882	.048950	.0040234	.001108	.0021554	.2700
%RSD	.6227801	.1709962	.8372112	.7736090	.0996202	.3955104	.2674289

#1	.1077732	.1099008	5.870918	.5154933	1.113040	.5440552	101.2471
#2	.1090162	.1102739	5.878903	.5217639	1.110825	.5474222	100.8863
#3	.1088555	.1100437	5.790410	.5229959	1.111940	.5434074	100.7189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.752809	3.131023	1.151606	.0776804	.1330321	1.174535	1.058912
Stddev	.015334	.073176	.001312	.0003036	.1204977	.001992	.006829
%RSD	.3226267	2.337140	.1139165	.3908340	90.57795	.1696117	.6448952

#1	4.770361	3.106576	1.152312	.0776449	-.006103	1.173132	1.052140
#2	4.746052	3.213294	1.152413	.0780002	.203450	1.176815	1.065797
#3	4.742014	3.073200	1.150092	.0773961	.201749	1.173657	1.058798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9314225	1.529185	.1092152	.0026653	.4322029	3.935732	.0112017
Stddev	.0163451	.010001	.0033400	.0007947	.0038186	.043644	.0025381
%RSD	1.754858	.6540220	3.058137	29.81691	.8835268	1.108921	22.65787

#1	.9267416	1.521010	.1130283	.0032100	.4354839	3.901195	.0139306
#2	.9179285	1.526208	.1078094	.0017534	.4331135	3.984785	.0107627
#3	.9495974	1.540337	.1068080	.0030325	.4280113	3.921217	.0089117

Sample Name: M4720-04 Acquired: 12/02/2021 16:05:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7901933	.0097903	-.082343
Stddev	.0038126	.0010204	.000219
%RSD	.4824921	10.42260	.2656721

#1	.7928997	.0100182	-.082584
#2	.7858330	.0086752	-.082155
#3	.7918472	.0106775	-.082291

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	886.4254	37472.29	6404.562	944.5381	1456.053
Stddev	.8211	51.91	25.108	4.5217	1.769
%RSD	.0926348	.1385199	.3920321	.4787204	.1215196

#1	885.8217	37530.83	6412.904	942.0987	1456.894
#2	887.3605	37431.89	6376.345	941.7599	1454.020
#3	886.0942	37454.14	6424.437	949.7556	1457.245

Sample Name: M4720-02LX5 Acquired: 12/02/2021 16:09:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027072	-.000050	.1305892	.0038983	-.002460	4.596950	.0643334
Stddev	.0057849	.004939	.0027333	.0067466	.002173	.021748	.0008812
%RSD	213.6873	9896.196	2.093092	173.0672	88.34105	.4730869	1.369661

#1	-.000037	-.005670	.1284181	.0065793	-.004620	4.613450	.0640037
#2	-.001195	.001918	.1296908	.0088923	-.000274	4.605095	.0653319
#3	.009354	.003602	.1336586	-.003777	-.002486	4.572306	.0636647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011322	.0000162	1.138848	.0216137	.0155463	.0159534	18.17193
Stddev	.0000600	.0000161	.015219	.0008596	.0001147	.0017574	.03260
%RSD	5.298026	99.30036	1.336372	3.977134	.7380730	11.01600	.1794063

#1	.0011750	.0000026	1.121620	.0219686	.0154953	.0170647	18.19739
#2	.0010637	.0000339	1.144457	.0206334	.0154659	.0139273	18.13519
#3	.0011580	.0000121	1.150466	.0222390	.0156777	.0168683	18.18321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7231618	.6562214	.0173231	-.001796	-.164607	.0363904	.0299248
Stddev	.0017123	.0412539	.0010129	.000250	.238399	.0041019	.0079943
%RSD	.2367858	6.286574	5.847329	13.91778	144.8288	11.27188	26.71452

#1	.7227902	.7004912	.0170170	-.001836	-.101615	.0403738	.0207523
#2	.7216657	.6188543	.0184538	-.001529	.035970	.0321795	.0354095
#3	.7250294	.6493189	.0164985	-.002024	-.428176	.0366179	.0336127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0758153	.2783232	.0156090	.0007423	.0734393	.6610676	.0012509
Stddev	.0644921	.0079205	.0019829	.0002255	.0044027	.0198288	.0023806
%RSD	85.06480	2.845790	12.70370	30.37827	5.994972	2.999519	190.3045

#1	.0049318	.2695871	.0147848	.0008083	.0785219	.6838579	.0015876
#2	.1310278	.2850353	.0141712	.0004912	.0708033	.6515792	.0034452
#3	.0914864	.2803471	.0178712	.0009274	.0709927	.6477657	-.001280

Sample Name: M4720-02LX5 Acquired: 12/02/2021 16:09:12 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB967L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1552644	.0014196	-.014798
Stddev	.0016365	.0009282	.000034
%RSD	1.053991	65.38788	.2271981

#1	.1565268	.0004519	-.014795
#2	.1558508	.0015042	-.014765
#3	.1534155	.0023026	-.014833

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	825.8887	34554.87	5988.650	871.8516	1429.442
Stddev	.7266	138.46	11.866	2.3978	.585
%RSD	.0879738	.4006975	.1981348	.2750228	.0409479

#1	826.2313	34441.01	6001.600	869.1936	1429.782
#2	825.0542	34709.01	5978.300	872.5095	1429.778
#3	826.3807	34514.60	5986.050	873.8518	1428.766

Sample Name: PB141060BS Acquired: 12/02/2021 16:13:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185782	.0500945	.0142113	.0719413	.1179049	.3769965	.3947915
Stddev	.0097274	.0028353	.0031806	.0062437	.0028784	.0029349	.0051712
%RSD	52.35937	5.659904	22.38090	8.678885	2.441336	.7784968	1.309843

#1	.0241006	.0531435	.0178235	.0688746	.1157830	.3737036	.3976395
#2	.0073464	.0496026	.0118306	.0678240	.1167503	.3779494	.3888224
#3	.0242875	.0475373	.0129797	.0791254	.1211814	.3793366	.3979125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112989	.0109913	10.35870	.0206706	.0987113	.0522257	.1792528
Stddev	.0000400	.0001216	.15071	.0001996	.0001573	.0002044	.0067271
%RSD	.3543145	1.106259	1.454896	.9656273	.1593913	.3913138	3.752835

#1	.0113306	.0108593	10.45721	.0208967	.0987462	.0524601	.1785099
#2	.0112539	.0110987	10.18521	.0205191	.0988482	.0521324	.1729281
#3	.0113121	.0110160	10.43368	.0205958	.0985394	.0520847	.1863205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329194	9.875898	.0815495	.0202469	9.723520	.1019949	.1206407
Stddev	.0006167	.125897	.0005005	.0003229	.205752	.0038456	.0024384
%RSD	1.873293	1.274787	.6136754	1.594982	2.116020	3.770372	2.021217

#1	.0335001	9.934835	.0811030	.0204797	9.872687	.1019740	.1214990
#2	.0322722	9.731344	.0814552	.0203828	9.488794	.0981598	.1225339
#3	.0329859	9.961516	.0820904	.0198783	9.809079	.1058508	.1178892

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.688060	.0210314	.0170761	.0205194	.1925607	.2063400	.0116263
Stddev	.269659	.0023161	.0004116	.0002498	.0046752	.0030420	.0023849
%RSD	2.783418	11.01266	2.410215	1.217602	2.427889	1.474256	20.51333

#1	9.824536	.0198349	.0166011	.0205390	.1885112	.2078229	.0102552
#2	9.377445	.0195583	.0173257	.0202603	.1914938	.2028410	.0143801
#3	9.862200	.0237011	.0173015	.0207589	.1976771	.2083562	.0102434

Sample Name: PB141060BS Acquired: 12/02/2021 16:13:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS060 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2090056	.0295862	.2113890
Stddev	.0033399	.0011158	.0032834
%RSD	1.597981	3.771282	1.553257

#1	.2124268	.0283640	.2125560
#2	.2057535	.0305502	.2076815
#3	.2088365	.0298446	.2139295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	805.4461	33840.06	5872.143	849.2611	1429.421
Stddev	1.4966	122.94	69.833	4.7416	1.717
%RSD	.1858157	.3632923	1.189229	.5583163	.1201259

#1	804.6848	33736.94	5836.015	843.9623	1429.738
#2	807.1704	33807.13	5952.639	850.7173	1430.957
#3	804.4832	33976.11	5827.776	853.1038	1427.567

Sample Name: M4720-05 Acquired: 12/02/2021 16:17:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB968 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270387	-.005573	.6450969	.0153117	-.004954	22.40185	.3066041
Stddev	.0044761	.004049	.0023777	.0028149	.000698	.05073	.0010883
%RSD	16.55459	72.64480	.3685821	18.38395	14.08263	.2264403	.3549399

#1	.0298966	-.009831	.6469300	.0124993	-.004163	22.34331	.3056166
#2	.0218801	-.005117	.6459505	.0181291	-.005214	22.42932	.3064247
#3	.0293394	-.001772	.6424102	.0153066	-.005484	22.43290	.3077709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047098	-.000662	6.477946	.1066626	.0611754	.0488583	86.95101
Stddev	.0001245	.000062	.017672	.0007240	.0001642	.0012313	.14798
%RSD	2.644347	9.382947	.2728021	.6787286	.2683485	2.520213	.1701896

#1	.0048534	-.000670	6.470447	.1062255	.0613629	.0490306	86.80126
#2	.0046325	-.000596	6.465260	.1074983	.0611064	.0475498	86.95461
#3	.0046433	-.000720	6.498131	.1062641	.0610571	.0499944	87.09716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.267634	3.130408	.0798570	-.006725	.0145019	.1619926	.1508203
Stddev	.010273	.048836	.0011733	.000439	.0522215	.0024246	.0069886
%RSD	.3143951	1.560047	1.469212	6.524492	360.1013	1.496721	4.633737

#1	3.257608	3.122981	.0811588	-.006641	.0634366	.1591986	.1439017
#2	3.267156	3.182533	.0795313	-.006334	.0205490	.1632349	.1506823
#3	3.278138	3.085712	.0788811	-.007199	-.040480	.1635442	.1578769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.413923	1.436303	.0949736	.0016471	.3935422	2.993418	.0108188
Stddev	.030098	.009069	.0016943	.0002461	.0030329	.012867	.0005511
%RSD	2.128697	.6314051	1.783959	14.94165	.7706759	.4298399	5.093574

#1	1.395223	1.435087	.0957966	.0016692	.3900621	2.998866	.0112773
#2	1.397903	1.427904	.0930250	.0018814	.3956219	2.978723	.0109715
#3	1.448643	1.445919	.0960992	.0013907	.3949425	3.002664	.0102074

Sample Name: M4720-05 Acquired: 12/02/2021 16:17:29 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB968 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9094009	.0077189	-.068498
Stddev	.0030381	.0023047	.000189
%RSD	.3340740	29.85719	.2753281

#1	.9059181	.0076777	-.068281
#2	.9115062	.0054352	-.068588
#3	.9107783	.0100439	-.068624

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	891.0771	37381.42	6399.547	941.6631	1472.118
Stddev	.7572	202.76	13.915	9.4492	3.623
%RSD	.0849750	.5424061	.2174428	1.003460	.2461357

#1	891.5122	37408.37	6386.635	946.2680	1473.183
#2	891.5162	37569.36	6414.286	947.9271	1475.090
#3	890.2028	37166.53	6397.721	930.7942	1468.082

Sample Name: M4720-06 Acquired: 12/02/2021 16:21:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB969 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174288	-.003463	.7218244	.0166421	-.001263	23.61809	.3654065
Stddev	.0072231	.003498	.0021802	.0021111	.000673	.40871	.0062679
%RSD	41.44327	101.0174	.3020338	12.68538	53.29886	1.730515	1.715327

#1	.0152369	-.007370	.7209326	.0185740	-.000632	23.36437	.3623144
#2	.0115556	-.000625	.7243090	.0169638	-.001972	24.08958	.3726197
#3	.0254939	-.002392	.7202315	.0143886	-.001185	23.40033	.3612855

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048925	-.000461	10.93771	.1071957	.0680664	.0544715	84.56227
Stddev	.0001467	.000157	.20642	.0005885	.0002973	.0005508	1.70500
%RSD	2.999009	34.08010	1.887209	.5489879	.4368167	1.011184	2.016263

#1	.0048838	-.000354	10.83032	.1070860	.0682368	.0550828	83.06644
#2	.0050434	-.000388	11.17569	.1066698	.0677231	.0543181	86.41874
#3	.0047503	-.000642	10.80713	.1078313	.0682394	.0540137	84.20163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.628726	3.978981	.0886936	-.006701	.0153404	.1593059	.1567334
Stddev	.077772	.135557	.0005026	.000451	.2233656	.0043296	.0093229
%RSD	2.143239	3.406820	.5666508	6.732322	1456.062	2.717801	5.948219

#1	3.566822	3.833593	.0889171	-.006423	.0825771	.1582021	.1581541
#2	3.716020	4.101899	.0881181	-.006459	-.233920	.1640806	.1652644
#3	3.603335	4.001450	.0890457	-.007221	.197364	.1556350	.1467818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9659835	1.586953	.0969836	.0018083	.7525695	3.976836	.0098583
Stddev	.0190083	.013154	.0016066	.0003555	.0025873	.060933	.0026530
%RSD	1.967768	.8288726	1.656552	19.66183	.3438008	1.532197	26.91091

#1	.9844002	1.571786	.0952713	.0020481	.7525867	3.941155	.0072295
#2	.9671161	1.595236	.0972214	.0013998	.7499736	4.047193	.0098107
#3	.9464343	1.593837	.0984580	.0019770	.7551482	3.942161	.0125348

Sample Name: M4720-06 Acquired: 12/02/2021 16:21:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB969 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9127711	.0082218	-.056881
Stddev	.0186523	.0016441	.001225
%RSD	2.043482	19.99671	2.153083

#1	.9026930	.0098943	-.055681
#2	.9342945	.0081635	-.058129
#3	.9013259	.0066077	-.056833

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.5070	37087.32	6355.082	934.6027	1471.933
Stddev	.8339	51.75	115.413	2.6366	1.764
%RSD	.0937514	.1395288	1.816079	.2821093	.1198686

#1	889.6522	37028.23	6418.016	934.0028	1473.582
#2	890.2587	37124.53	6221.881	932.3177	1472.144
#3	888.6100	37109.22	6425.349	937.4875	1470.073

Sample Name: M4720-07 Acquired: 12/02/2021 16:25:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB970 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587911	-.000722	.7710564	.0181190	-.001732	44.15149	.8019619
Stddev	.0050365	.006525	.0038524	.0024998	.003551	.08473	.0013225
%RSD	8.566706	903.1985	.4996260	13.79679	205.0706	.1919121	.1649042

#1	.0606036	-.008252	.7726255	.0152392	.002210	44.05521	.8020770
#2	.0626704	.002819	.7738766	.0193877	-.002724	44.18454	.8005856
#3	.0530992	.003266	.7666671	.0197301	-.004682	44.21471	.8032230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094918	.0110787	95.66455	.0800091	.1132614	.1438424	113.4054
Stddev	.0001465	.0002758	.31641	.0011775	.0009363	.0015550	.4459
%RSD	1.542893	2.489357	.3307496	1.471642	.8266749	1.081031	.3931984

#1	.0093394	.0110990	95.32027	.0811853	.1122276	.1426741	112.9075
#2	.0096315	.0107933	95.94260	.0800117	.1135045	.1456073	113.7680
#3	.0095045	.0113438	95.73078	.0788304	.1140522	.1432457	113.5408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15295	44.97689	.1201654	-.010249	.2285174	.1757661	.4767715
Stddev	.04325	.19234	.0008567	.000304	.0133277	.0031199	.0092293
%RSD	.4259950	.4276344	.7128972	2.969834	5.832249	1.775033	1.935800

#1	10.10460	44.82566	.1206099	-.010064	.2363651	.1725031	.4862531
#2	10.18796	45.19336	.1191779	-.010082	.2360582	.1760751	.4678170
#3	10.16629	44.91165	.1207085	-.010600	.2131289	.1787200	.4762445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.507393	4.311892	.1349077	.0034166	3.449083	5.003330	.0158810
Stddev	.014024	.014994	.0020183	.0006081	.015026	.056080	.0014167
%RSD	.3998458	.3477293	1.496063	17.79839	.4356481	1.120863	8.920740

#1	3.494614	4.321838	.1327270	.0032066	3.446563	4.950047	.0164989
#2	3.505168	4.294647	.1352858	.0041019	3.435477	5.061842	.0142603
#3	3.522396	4.319193	.1367102	.0029414	3.465210	4.998103	.0168838

Sample Name: M4720-07 Acquired: 12/02/2021 16:25:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB970 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6918075	.0276864	-.042795
Stddev	.0004014	.0003574	.000439
%RSD	.0580291	1.290904	1.025752

#1	.6919249	.0272799	-.042308
#2	.6913605	.0278279	-.043160
#3	.6921372	.0279514	-.042918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	989.1727	41677.46	7214.085	1045.126	1413.527
Stddev	2.4177	85.34	34.581	7.230	.476
%RSD	.2444207	.2047598	.4793549	.6918235	.0336663

#1	990.6277	41665.96	7253.843	1037.263	1413.903
#2	986.3818	41767.97	7190.994	1046.626	1413.686
#3	990.5087	41598.46	7197.417	1051.488	1412.992

Sample Name: M4720-08 Acquired: 12/02/2021 16:29:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB971 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0593449	-.001389	.4213948	.0144757	-.002687	28.80953	.4353473
Stddev	.0069282	.006793	.0015995	.0052036	.002629	.08168	.0006705
%RSD	11.67448	489.1692	.3795730	35.94700	97.87037	.2835280	.1540092

#1	.0535425	-.003852	.4230926	.0099255	.000237	28.88800	.4360931
#2	.0574765	.006293	.4199162	.0133524	-.003438	28.81562	.4351543
#3	.0670157	-.006607	.4211757	.0201492	-.004859	28.72498	.4347945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077040	.0052661	146.7833	.0845151	.0749145	.0819488	100.4413
Stddev	.0001644	.0000770	.3773	.0002493	.0003370	.0015081	.0994
%RSD	2.133825	1.462320	.2570126	.2949370	.4498316	1.840246	.0990005

#1	.0078844	.0052691	146.6158	.0842737	.0752081	.0807732	100.5192
#2	.0076648	.0053415	146.5188	.0845001	.0745466	.0814239	100.3293
#3	.0075628	.0051876	147.2153	.0847716	.0749889	.0836491	100.4754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.161771	76.04728	.0783447	-.008902	.4062398	.1519574	.3357995
Stddev	.019171	.28212	.0016678	.000150	.0397773	.0027115	.0069417
%RSD	.3713980	.3709756	2.128851	1.686408	9.791587	1.784396	2.067213

#1	5.155811	75.89997	.0793931	-.009046	.3617504	.1494052	.3310358
#2	5.146288	75.86931	.0764215	-.008747	.4185974	.1516628	.3437641
#3	5.183214	76.37255	.0792196	-.008911	.4383716	.1548042	.3325985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.601408	2.432314	.1134439	.0024834	1.491230	2.890289	.0159380
Stddev	.027029	.007527	.0003340	.0001259	.005527	.029512	.0014668
%RSD	1.687842	.3094714	.2943877	5.067951	.3706491	1.021069	9.203408

#1	1.624525	2.425778	.1131145	.0024263	1.496523	2.869597	.0143283
#2	1.571690	2.430621	.1134349	.0026277	1.485495	2.877187	.0171991
#3	1.608010	2.440544	.1137822	.0023963	1.491673	2.924084	.0162868

Sample Name: M4720-08 Acquired: 12/02/2021 16:29:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB971 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7046286	.0176271	-.032806
Stddev	.0010327	.0008295	.000191
%RSD	.1465566	4.705700	.5829588

#1	.7043867	.0183974	-.032604
#2	.7057608	.0167490	-.032829
#3	.7037384	.0177351	-.032985

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	932.0084	39376.77	6832.076	977.1257	1388.120
Stddev	2.3920	62.57	43.038	3.8198	6.744
%RSD	.2566471	.1588946	.6299371	.3909262	.4858685

#1	933.8547	39304.53	6851.938	972.9966	1383.543
#2	932.8642	39411.81	6861.596	977.8471	1395.865
#3	929.3062	39413.96	6782.694	980.5334	1384.952

Sample Name: M4720-09 Acquired: 12/02/2021 16:33:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB972 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515096	-.003448	.3489605	.0149427	-.003343	45.34824	.7715026
Stddev	.0146874	.007754	.0018328	.0044297	.001246	.12980	.0042981
%RSD	28.51395	224.8988	.5252156	29.64465	37.27965	.2862204	.5571118

#1	.0635750	.004952	.3470828	.0126834	-.004765	45.29331	.7728221
#2	.0351551	-.004964	.3490540	.0200465	-.002442	45.25494	.7666994
#3	.0557988	-.010332	.3507448	.0120981	-.002822	45.49647	.7749862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089581	.0044711	42.45577	.0778345	.1168911	.1119128	107.0474
Stddev	.0000920	.0001834	.13824	.0003471	.0004697	.0017588	.1675
%RSD	1.027293	4.101144	.3255985	.4459262	.4018093	1.571610	.1564392

#1	.0089113	.0046791	42.30328	.0779256	.1164965	.1105516	106.8632
#2	.0090642	.0043328	42.57288	.0781270	.1174106	.1112881	107.0885
#3	.0088990	.0044015	42.49113	.0774510	.1167663	.1138987	107.1904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.894620	21.17248	.1096264	-.009542	.0707115	.1865300	.2902002
Stddev	.006492	.04062	.0004571	.000353	.2924795	.0055210	.0020668
%RSD	.0729865	.1918682	.4169317	3.696830	413.6238	2.959841	.7122103

#1	8.894976	21.12565	.1091929	-.009145	.3030880	.1925906	.2905849
#2	8.900926	21.19826	.1101039	-.009819	-.257715	.1852124	.2920477
#3	8.887957	21.19353	.1095824	-.009663	.166762	.1817870	.2879680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.992482	3.247728	.1234977	.0036490	1.946705	2.945266	.0116980
Stddev	.091253	.030938	.0027029	.0004722	.028333	.018906	.0022586
%RSD	4.579858	.9526108	2.188605	12.94107	1.455439	.6419118	19.30789

#1	1.954728	3.218963	.1232067	.0037929	1.917176	2.923470	.0105997
#2	2.096553	3.243762	.1263343	.0031216	1.949271	2.957227	.0101987
#3	1.926165	3.280457	.1209521	.0040326	1.973668	2.955102	.0142958

Sample Name: M4720-09 Acquired: 12/02/2021 16:33:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB972 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7017501	.0249884	-.068389
Stddev	.0045050	.0012247	.000221
%RSD	.6419687	4.901067	.3236721

#1	.6967748	.0235940	-.068145
#2	.7029223	.0258894	-.068576
#3	.7055531	.0254819	-.068447

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	976.0591	40840.76	7065.615	1024.636	1439.016
Stddev	.2005	65.25	23.967	8.355	2.759
%RSD	.0205425	.1597744	.3392048	.8154106	.1917132

#1	975.9024	40798.41	7093.003	1028.969	1441.755
#2	976.2850	40915.90	7055.361	1015.005	1439.055
#3	975.9898	40807.95	7048.481	1029.935	1436.238

Sample Name: M4720-10 Acquired: 12/02/2021 16:37:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB973 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502882	.0035583	.2856116	.0214772	-.001797	51.17754	.8052764
Stddev	.0117246	.0059898	.0040563	.0006166	.000711	.06208	.0002512
%RSD	23.31482	168.3352	1.420226	2.871141	39.56697	.1213122	.0311954

#1	.0382547	-.002950	.2811495	.0209311	-.002461	51.21236	.8055651
#2	.0509325	.004785	.2866092	.0221459	-.001047	51.10586	.8051557
#3	.0616773	.008839	.2890760	.0213545	-.001884	51.21439	.8051083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094852	.0025578	22.91850	.0880572	.1271539	.1078871	115.8712
Stddev	.0000082	.0000749	.09713	.0008937	.0003214	.0012289	.5443
%RSD	.0868981	2.928157	.4238102	1.014872	.2527430	1.139077	.4697878

#1	.0094762	.0024719	22.92403	.0876768	.1270170	.1083310	115.7989
#2	.0094923	.0026098	22.81872	.0874167	.1275210	.1064979	115.3666
#3	.0094871	.0025916	23.01274	.0890781	.1269236	.1088324	116.4480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.391832	11.68924	.1163538	-.010180	.2873516	.2039764	.2631170
Stddev	.040238	.08354	.0014901	.000489	.1665796	.0028029	.0104009
%RSD	.4284373	.7146670	1.280679	4.799465	57.97066	1.374140	3.952954

#1	9.389384	11.63009	.1163194	-.009619	.2108743	.2052418	.2591080
#2	9.352874	11.65282	.1178608	-.010403	.4784371	.2007639	.2553172
#3	9.433238	11.78481	.1148812	-.010517	.1727432	.2059235	.2749258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768314	2.724882	.1327578	.0032324	1.271746	5.620409	.0127360
Stddev	.048558	.023179	.0022706	.0004932	.017943	.027734	.0033926
%RSD	2.745985	.8506528	1.710328	15.25725	1.410911	.4934470	26.63808

#1	1.729939	2.712107	.1335541	.0035890	1.286877	5.591905	.0166259
#2	1.752098	2.751638	.1301963	.0026696	1.276439	5.647302	.0111932
#3	1.822904	2.710901	.1345230	.0034384	1.251923	5.622019	.0103890

Sample Name: M4720-10 Acquired: 12/02/2021 16:37:53 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB973 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7276551	.0270564	-.085310
Stddev	.0028811	.0005243	.000580
%RSD	.3959494	1.937886	.6794296

#1	.7244805	.0264583	-.085329
#2	.7301042	.0272744	-.084721
#3	.7283805	.0274367	-.085880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.6981	41693.90	7185.993	1047.518	1444.926
Stddev	6.0446	68.32	10.619	3.388	9.716
%RSD	.6076867	.1638704	.1477785	.3234778	.6724153

#1	1000.601	41623.75	7193.023	1047.528	1450.748
#2	988.521	41697.70	7191.179	1050.902	1433.710
#3	994.973	41760.24	7173.777	1044.125	1450.320

Sample Name: M4720-11 Acquired: 12/02/2021 16:41:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB974 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488232	-.004436	.5698887	.0064368	-.005985	23.26951	.3831987
Stddev	.0042083	.005032	.0022541	.0055417	.000852	.04838	.0011044
%RSD	8.619483	113.4363	.3955252	86.09368	14.24151	.2078994	.2881966

#1	.0534569	-.010138	.5673179	.0018051	-.005142	23.30413	.3844647
#2	.0452389	-.002553	.5715258	.0125764	-.005967	23.29017	.3826987
#3	.0477738	-.000617	.5708226	.0049290	-.006847	23.21424	.3824328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062934	.0065541	90.45280	.0749911	.1241650	.0742079	81.46765
Stddev	.0000059	.0000441	.27134	.0003841	.0005685	.0020639	.24107
%RSD	.0934878	.6731076	.2999771	.5121493	.4578412	2.781293	.2959047

#1	.0062970	.0065121	90.45537	.0752358	.1244032	.0747958	81.62057
#2	.0062966	.0065502	90.72284	.0751890	.1235162	.0719139	81.59262
#3	.0062866	.0066000	90.18018	.0745484	.1245756	.0759142	81.18976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.663674	48.99193	.1117664	-.007692	.1531708	.1431211	.2065301
Stddev	.012290	.17333	.0003886	.000177	.1358465	.0005003	.0050687
%RSD	.2635276	.3537986	.3476601	2.306287	88.68960	.3495781	2.454207

#1	4.664631	49.11676	.1117083	-.007839	.2309003	.1428488	.2117813
#2	4.675458	49.06501	.1114101	-.007742	-.003689	.1428161	.2061428
#3	4.650934	48.79403	.1121807	-.007495	.232301	.1436985	.2016662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5307683	2.487704	.0886134	.0018654	1.123908	3.281038	.0136723
Stddev	.0334409	.021043	.0004083	.0007814	.009962	.021501	.0018381
%RSD	6.300480	.8458923	.4607271	41.88649	.8864079	.6553126	13.44374

#1	.5254828	2.508204	.0885602	.0022328	1.128264	3.304861	.0140922
#2	.5665372	2.466156	.0890457	.0023954	1.130950	3.275179	.0152641
#3	.5002848	2.488753	.0882344	.0009681	1.112509	3.263073	.0116606

Sample Name: M4720-11 Acquired: 12/02/2021 16:41:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB974 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4934946	.0149155	-.037772
Stddev	.0016541	.0002464	.000112
%RSD	.3351853	1.651761	.2968114

#1	.4930549	.0151895	-.037875
#2	.4953241	.0148451	-.037787
#3	.4921047	.0147121	-.037653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.029	53442.01	9306.358	1334.334	1398.332
Stddev	3.550	342.41	43.179	1.968	1.262
%RSD	.2797095	.6407119	.4639688	.1474676	.0902498

#1	1272.934	53128.89	9258.198	1332.544	1398.345
#2	1268.154	53807.64	9319.261	1334.016	1399.587
#3	1265.998	53389.51	9341.613	1336.441	1397.064

Sample Name: M4720-12 Acquired: 12/02/2021 16:46:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB975 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565119	.0024979	.5649089	.0179984	-.001780	40.87817	.6457116
Stddev	.0121842	.0047800	.0023241	.0096562	.000923	1.26917	.0200549
%RSD	21.56033	191.3644	.4114098	53.65023	51.84849	3.104767	3.105855

#1	.0434985	.0080053	.5646730	.0130712	-.000799	39.74701	.6280232
#2	.0583882	-.000571	.5627118	.0291243	-.002631	42.25069	.6674994
#3	.0676492	.000060	.5673420	.0117999	-.001909	40.63679	.6416121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091383	.0053936	18.55327	.1222619	.1200256	.1108264	128.5815
Stddev	.0001418	.0000798	.61511	.0010589	.0005686	.0069538	4.1482
%RSD	1.552050	1.478696	3.315398	.8660801	.4736951	6.274530	3.226120

#1	.0089829	.0054661	17.99729	.1230201	.1206365	.1046288	125.0084
#2	.0092607	.0053081	19.21405	.1210521	.1195118	.1183466	133.1307
#3	.0091715	.0054065	18.44848	.1227134	.1199287	.1095039	127.6054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.752696	9.695072	.1174268	-.010231	.1895234	.2222077	.3358659
Stddev	.207357	.235229	.0007190	.000304	.2059063	.0076894	.0038216
%RSD	3.070730	2.426278	.6123090	2.970780	108.6442	3.460451	1.137833

#1	6.574589	9.476752	.1177511	-.010557	.4004271	.2140813	.3356387
#2	6.980333	9.944179	.1179266	-.009955	-.010992	.2293689	.3321629
#3	6.703167	9.664285	.1166028	-.010181	.179135	.2231727	.3397959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243161	1.945315	.1443672	.0032108	.6940891	3.250620	.0143296
Stddev	.069817	.006186	.0064066	.0004428	.0022093	.099367	.0008999
%RSD	5.616119	.3180109	4.437707	13.79168	.3182990	3.056854	6.280272

#1	1.205060	1.940187	.1386892	.0037204	.6923254	3.188204	.0150624
#2	1.323739	1.943573	.1513128	.0029199	.6965672	3.365206	.0133251
#3	1.200683	1.952186	.1430994	.0029921	.6933748	3.198449	.0146012

Sample Name: M4720-12 Acquired: 12/02/2021 16:46:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB975 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7169936	.0179952	-.100224
Stddev	.0233193	.0015294	.003414
%RSD	3.252369	8.498869	3.406245

#1	.6946172	.0167116	-.097424
#2	.7411533	.0196874	-.104027
#3	.7152102	.0175865	-.099222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.6680	40386.34	6934.551	1014.749	1454.734
Stddev	1.5062	161.09	169.378	10.910	2.740
%RSD	.1558097	.3988752	2.442522	1.075099	.1883546

#1	968.2491	40263.46	7065.519	1017.451	1454.317
#2	965.2501	40568.72	6743.271	1024.053	1457.659
#3	966.5049	40326.84	6994.861	1002.742	1452.227

Sample Name: CCV080 Acquired: 12/02/2021 16:50:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019381	5.102263	25.32221	4.966168	5.127168	396.7638
Stddev	.023857	.005806	.03666	.024890	.019616	.9584
%RSD	.4752935	.1137853	.1447785	.5011821	.3825923	.2415423

#1	5.031573	5.097185	25.30461	4.988183	5.132972	395.9636
#2	4.991892	5.101012	25.29767	4.939160	5.105304	396.5017
#3	5.034678	5.108592	25.36436	4.971160	5.143227	397.8259

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42682	.5267932	2.527413	412.7773	15.44668	2.599167
Stddev	.01682	.0034051	.005710	2.0617	.02122	.004896
%RSD	.1613626	.6463839	.2259380	.4994743	.1374028	.1883804

#1	10.41662	.5238569	2.522107	410.5111	15.46874	2.596444
#2	10.41760	.5305260	2.526676	413.2788	15.42640	2.596238
#3	10.44624	.5259968	2.533456	414.5420	15.44491	2.604820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.79857	411.4856	15.99102	408.9757	2.565800	1.341560
Stddev	.01276	2.0169	.09142	2.0444	.004541	.004494
%RSD	.0807928	.4901570	.5716781	.4998823	.1769932	.3350017

#1	15.78835	409.3410	15.88875	406.9601	2.561899	1.336572
#2	15.81288	411.7716	16.01949	408.9192	2.564717	1.345294
#3	15.79449	413.3443	16.06481	411.0478	2.570786	1.342814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.3875	2.617673	15.31172	161.7188	5.257487	F 5.693141
Stddev	1.4459	.006108	.11457	.1591	.022278	.037772
%RSD	.3584291	.2333179	.7482482	.0984005	.4237374	.6634569

#1	401.8263	2.612929	15.29338	161.5379	5.258057	5.652710
#2	403.6557	2.615525	15.20743	161.7813	5.279475	5.727523
#3	404.6805	2.624564	15.43436	161.8372	5.234930	5.699189

Sample Name: CCV080 Acquired: 12/02/2021 16:50:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.087541	5.142870	5.320617	5.045500	5.274485	F 5.555062
Stddev	.017897	.003044	.037328	.003157	.010266	.020500
%RSD	.3517725	.0591946	.7015671	.0625777	.1946445	.3690262
#1	5.083136	5.145095	5.284786	5.047061	5.262998	5.536535
#2	5.072259	5.139401	5.359280	5.041866	5.277695	5.551567
#3	5.107229	5.144114	5.317785	5.047573	5.282764	5.577085

Elem	Sr4077
Units	ppm
Avg	5.090611
Stddev	.007054
%RSD	.1385592
#1	5.098451
#2	5.088598
#3	5.084782

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	680.4791	30942.86	5494.564	728.1857	1163.757
Stddev	2.8788	83.99	19.819	3.6543	1.562
%RSD	.4230551	.2714503	.3606945	.5018366	.1342587
#1	677.8179	30902.16	5517.415	727.7561	1162.045
#2	683.5348	31039.45	5484.225	732.0358	1165.105
#3	680.0846	30886.97	5482.054	724.7651	1164.121

Sample Name: CCB080 Acquired: 12/02/2021 16:54:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.012020	.0000381	.0017682	.0012608	-.000643	-.000058
Stddev	.003038	.0048977	.0036648	.0036589	.001166	.005844
%RSD	25.27302	12868.35	207.2658	290.1927	181.4495	10037.19

#1	-.012946	-.004193	-.001001	.0028374	-.000103	-.002888
#2	-.014487	.005403	.000381	.0038671	-.001980	.006662
#3	-.008627	-.001096	.005924	-.002922	.000156	-.003948

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002379	.0000091	.0000819	-.012184	-.000048	.0002978
Stddev	.000553	.0000217	.0000531	.010760	.000047	.0003536
%RSD	23.24733	237.3500	64.82277	88.31286	96.94989	118.7405

#1	-.002942	-.000015	.0000249	-.016899	-.000085	-.000083
#2	-.001837	.000028	.0001298	.000129	.000004	.000616
#3	-.002357	.000015	.0000910	-.019782	-.000064	.000360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000801	.0048211	-.000326	-.000180	.0003143	-.000425
Stddev	.0021831	.0089388	.000330	.009459	.0003762	.000318
%RSD	2724.147	185.4107	101.3914	5261.945	119.7092	74.76505

#1	-.000224	.0116661	-.000294	-.010781	.0005905	-.000670
#2	-.001935	.0080888	-.000012	.007400	-.000114	-.000539
#3	.002399	-.005292	-.000670	.002841	.000466	-.000066

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.214255	-.000082	.0006615	-.098632	.0048468	.0063579
Stddev	.153151	.002162	.0041599	.042980	.0009277	.0011430
%RSD	71.48071	2646.652	628.8677	43.57676	19.14017	17.97699

#1	-.275643	.001561	.0053727	-.126999	.0039626	.0060183
#2	-.039933	.000725	-.000883	-.119715	.0047651	.0076321
#3	-.327187	-.002532	-.002505	-.049181	.0058126	.0054232

Sample Name: CCB080 Acquired: 12/02/2021 16:54:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006363	.0046431	.0025683	-.001411	.0006237	-.000566
Stddev	.0002355	.0025143	.0007584	.000481	.0016221	.000340
%RSD	37.01066	54.15035	29.52888	34.09881	260.0878	60.13591

#1	.0003671	.0021278	.0022768	-.001078	.0024740	-.000935
#2	.0007377	.0071563	.0019990	-.001193	-.000049	-.000497
#3	.0008041	.0046452	.0034292	-.001963	-.000554	-.000265

Elem	Sr4077
Units	ppm
Avg	.0000068
Stddev	.0000553
%RSD	812.3084

#1	-.000029
#2	-.000021
#3	.000070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	805.9049	33448.06	5672.858	844.4547	1417.962
Stddev	.8376	171.58	142.682	2.4828	3.312
%RSD	.1039330	.5129786	2.515170	.2940068	.2336082

#1	804.9380	33264.73	5508.200	845.4605	1414.226
#2	806.4068	33604.79	5760.075	846.2767	1420.539
#3	806.3700	33474.67	5750.300	841.6268	1419.121

Sample Name: M4720-13 Acquired: 12/02/2021 16:58:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB976 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257770	-.002635	.1167278	.0107800	-.004833	30.66358	.3401546
Stddev	.0064973	.005005	.0041907	.0033856	.002240	.10226	.0014114
%RSD	25.20603	189.9136	3.590112	31.40645	46.33737	.3334746	.4149320

#1	.0187770	.000119	.1212034	.0105100	-.007298	30.75893	.3414494
#2	.0316148	.000387	.1128968	.0075374	-.002923	30.67623	.3386501
#3	.0269391	-.008412	.1160832	.0142925	-.004279	30.55560	.3403644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057477	-.001032	5.110856	.1006259	.0500643	.0409241	96.35269
Stddev	.0000688	.000084	.014244	.0003278	.0004174	.0012534	.54674
%RSD	1.196293	8.103228	.2787060	.3258146	.8336610	3.062806	.5674356

#1	.0057466	-.000994	5.126803	.1002570	.0505351	.0398309	96.83522
#2	.0058170	-.000974	5.106369	.1007367	.0499179	.0406494	96.46399
#3	.0056795	-.001128	5.099395	.1008840	.0497398	.0422922	95.75887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.903908	3.693207	.0635664	-.007983	.0184244	.1810573	.1365334
Stddev	.027852	.031200	.0001511	.000215	.2378999	.0009611	.0028378
%RSD	.7134264	.8447880	.2376457	2.689797	1291.219	.5308498	2.078425

#1	3.925734	3.719579	.0636605	-.007761	-.252547	.1820352	.1353278
#2	3.913449	3.658765	.0636465	-.008190	.192990	.1810229	.1344976
#3	3.872539	3.701277	.0633921	-.007998	.114831	.1801138	.1397749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.162335	1.351662	.1120321	.0023897	.3382748	3.182190	.0124979
Stddev	.036235	.011507	.0016244	.0004893	.0025791	.018793	.0009150
%RSD	3.117450	.8513027	1.449912	20.47471	.7624180	.5905525	7.321164

#1	1.198818	1.357267	.1139018	.0019643	.3382998	3.199514	.0120798
#2	1.126353	1.338427	.1112259	.0029244	.3356834	3.184844	.0135472
#3	1.161834	1.359293	.1109685	.0022803	.3408413	3.162211	.0118666

Sample Name: M4720-13 Acquired: 12/02/2021 16:58:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB976 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9013801	.0121110	-.077198
Stddev	.0043605	.0013145	.000518
%RSD	.4837533	10.85362	.6709964

#1	.9055805	.0134924	-.077647
#2	.9016844	.0108756	-.077316
#3	.8968755	.0119650	-.076631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	912.6951	37972.70	6478.735	956.2462	1466.159
Stddev	.7816	179.63	31.657	4.0997	2.760
%RSD	.0856400	.4730462	.4886330	.4287336	.1882299

#1	911.7934	38128.04	6444.289	958.8901	1466.584
#2	913.1111	38014.06	6485.360	958.3250	1468.681
#3	913.1807	37776.00	6506.555	951.5235	1463.211

Sample Name: M4720-14 Acquired: 12/02/2021 17:02:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB977 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374293	-.001009	1.416536	.0223590	-.000991	36.27079	.6153588
Stddev	.0055535	.006807	.002830	.0048437	.001913	.08896	.0021367
%RSD	14.83726	674.6345	.1997710	21.66338	193.0778	.2452784	.3472321

#1	.0413677	-.008870	1.413518	.0261105	.001214	36.35651	.6168475
#2	.0398427	.002922	1.416961	.0240759	-.001983	36.27694	.6163184
#3	.0310774	.002921	1.419129	.0168907	-.002203	36.17890	.6129105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065331	.0002772	9.035819	.0937653	.2226089	.1455903	110.6375
Stddev	.0000769	.0000470	.050295	.0003029	.0006277	.0013251	.1468
%RSD	1.177466	16.95130	.5566126	.3230535	.2819722	.9101589	.1326674

#1	.0064444	.0002935	8.981115	.0934769	.2225027	.1460432	110.4681
#2	.0065821	.0003139	9.046285	.0940808	.2220410	.1440982	110.7170
#3	.0065727	.0002242	9.080057	.0937382	.2232829	.1466296	110.7274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.151418	5.200969	.2273182	-.009129	.1575673	.2018169	.2479751
Stddev	.013575	.016572	.0010873	.000570	.1545346	.0034454	.0026625
%RSD	.1898198	.3186420	.4783284	6.244235	98.07533	1.707174	1.073679

#1	7.136357	5.214347	.2283348	-.009719	-.007245	.2011561	.2475723
#2	7.155185	5.206129	.2261718	-.008582	.299207	.2055448	.2508160
#3	7.162711	5.182430	.2274480	-.009086	.180741	.1987498	.2455370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.705715	2.047800	.1298205	.0035205	.6824104	5.744607	.0121882
Stddev	.018718	.005439	.0011613	.0006585	.0081063	.009238	.0017118
%RSD	1.097371	.2656201	.8945183	18.70520	1.187890	.1608160	14.04442

#1	1.711048	2.051388	.1285716	.0042159	.6822640	5.751676	.0138396
#2	1.684910	2.050471	.1300223	.0029064	.6905888	5.747992	.0104219
#3	1.721188	2.041542	.1308677	.0034391	.6743782	5.734154	.0123031

Sample Name: M4720-14 Acquired: 12/02/2021 17:02:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB977 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9422137	.0156749	-.082314
Stddev	.0026957	.0007779	.000171
%RSD	.2861002	4.962878	.2078705

#1	.9400310	.0148089	-.082141
#2	.9413832	.0159012	-.082318
#3	.9452269	.0163146	-.082483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.7069	38041.55	6542.059	962.8212	1449.328
Stddev	1.8370	128.88	9.313	6.1225	1.207
%RSD	.2014854	.3387787	.1423633	.6358871	.0832465

#1	912.3877	38159.17	6551.573	967.7323	1450.019
#2	913.1063	38061.69	6541.642	964.7698	1450.031
#3	909.6267	37903.79	6532.960	955.9616	1447.935

Sample Name: M4720-15 Acquired: 12/02/2021 17:06:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB978 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780681	.0092689	2.138413	.0272594	.0025162	27.35105
Stddev	.0024418	.0087873	.003186	.0063234	.0057137	.12685
%RSD	3.127837	94.80407	.1490095	23.19730	227.0771	.4637892

#1	.0758011	-.000269	2.136453	.0199783	-.003858	27.44607
#2	.0777496	.017037	2.142089	.0313745	.007176	27.40008
#3	.0806536	.011039	2.136696	.0304253	.004231	27.20700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5164725	.0070051	-.000518	F 817.3241	.0895807	.2928475
Stddev	.0038445	.0001018	.000082	1.6532	.0005439	.0007387
%RSD	.7443804	1.452505	15.82638	.2022728	.6071207	.2522413

#1	.5185380	.0071200	-.000488	818.5836	.0894236	.2935746
#2	.5188427	.0069689	-.000456	817.9368	.0901859	.2920978
#3	.5120367	.0069264	-.000611	815.4520	.0891328	.2928702

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2226639	167.5780	14.38329	419.3167	.3405762	-.015918
Stddev	.0039767	.4859	.02313	1.1855	.0010599	.000781
%RSD	1.785963	.2899394	.1608075	.2827207	.3112075	4.904435

#1	.2197793	167.8878	14.38099	420.2644	.3393622	-.015886
#2	.2210121	167.8282	14.40748	419.6983	.3413173	-.016714
#3	.2272003	167.0180	14.36139	417.9874	.3410493	-.015153

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.426910	.1796394	.2765640	3.800064	4.053110	.2097645
Stddev	.047682	.0040374	.0064213	.134860	.023989	.0016507
%RSD	3.341606	2.247484	2.321817	3.548892	.5918737	.7869422

#1	1.375950	.1759720	.2745389	3.953816	4.062944	.2096973
#2	1.434338	.1839657	.2837538	3.744579	4.025766	.2114477
#3	1.470441	.1789804	.2713995	3.701798	4.070620	.2081484

Sample Name: M4720-15 Acquired: 12/02/2021 17:06:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB978 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034834	10.92071	4.931160	.0358452	.6144194	.0176916
Stddev	.0003971	.05767	.023246	.0004081	.0045864	.0019993
%RSD	11.40093	.5281138	.4714067	1.138592	.7464533	11.30102

#1	.0037872	10.86543	4.951669	.0359207	.6136417	.0182871
#2	.0030340	10.91619	4.935903	.0354046	.6193448	.0193255
#3	.0036291	10.98051	4.905909	.0362103	.6102716	.0154621

Elem	Sr4077
Units	ppm
Avg	.1153729
Stddev	.0006669
%RSD	.5780639

#1	.1155491
#2	.1159341
#3	.1146356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.9040	34832.32	6164.937	850.6197	1214.660
Stddev	.5333	99.93	20.233	3.8707	1.210
%RSD	.0660951	.2868921	.3281874	.4550461	.0996536

#1	806.2967	34896.17	6168.004	855.0808	1213.450
#2	807.1194	34717.16	6143.346	848.1519	1215.871
#3	807.2960	34883.64	6183.461	848.6264	1214.657

Sample Name: M4720-16 Acquired: 12/02/2021 17:10:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB979 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875161	-.000924	3.365448	.0160234	.0019694	24.75794
Stddev	.0071468	.013787	.017322	.0105744	.0002576	.08867
%RSD	8.166306	1492.080	.5146963	65.99369	13.08130	.3581515

#1	.0952723	-.015853	3.362158	.0167708	.0022548	24.70579
#2	.0811970	.001751	3.384179	.0050951	.0018994	24.86032
#3	.0860790	.011329	3.350007	.0262042	.0017540	24.70770

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5051201	.0058825	-.000381	F 955.1284	.1422259	.2321009
Stddev	.0019536	.0001525	.000243	3.9544	.0006536	.0013857
%RSD	.3867561	2.592886	63.71990	.4140218	.4595314	.5970225

#1	.5056062	.0057956	-.000194	951.4359	.1426306	.2327565
#2	.5067848	.0060586	-.000655	959.3010	.1425751	.2330371
#3	.5029694	.0057933	-.000293	954.6482	.1414719	.2305090

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2242255	139.1487	11.43797	501.4389	.2700895	-.012784
Stddev	.0002538	.6444	.05939	2.0394	.0005597	.000631
%RSD	.1131883	.4631018	.5191947	.4067178	.2072126	4.937597

#1	.2240009	138.4768	11.37262	499.1360	.2694496	-.012724
#2	.2241749	139.7616	11.48863	503.0165	.2704879	-.012186
#3	.2245008	139.2076	11.45265	502.1643	.2703309	-.013444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8606195	.1796662	.2324974	2.766331	3.182749	.1680047
Stddev	.2189169	.0050073	.0063710	.004185	.010592	.0023632
%RSD	25.43713	2.787026	2.740263	.1512838	.3327787	1.406615

#1	1.071672	.1811439	.2324581	2.770975	3.179520	.1654230
#2	.875581	.1837684	.2388880	2.765164	3.194579	.1700609
#3	.634606	.1740863	.2261461	2.762852	3.174148	.1685302

Sample Name: M4720-16 Acquired: 12/02/2021 17:10:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB979 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035650	6.914979	4.183174	.0354457	.6503208	.0190664
Stddev	.0005726	.010468	.016848	.0015533	.0026859	.0012206
%RSD	16.06108	.1513820	.4027533	4.382287	.4130110	6.401964

#1	.0036596	6.903630	4.163790	.0370137	.6503836	.0204759
#2	.0029510	6.917052	4.194290	.0339074	.6529747	.0183701
#3	.0040844	6.924256	4.191443	.0354161	.6476040	.0183533

Elem	Sr4077
Units	ppm
Avg	.1878299
Stddev	.0010071
%RSD	.5361659

#1	.1887868
#2	.1879237
#3	.1867792

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	787.4038	34278.65	5996.389	838.3529	1202.888
Stddev	1.3700	96.08	19.946	3.9210	3.239
%RSD	.1739944	.2802882	.3326262	.4676993	.2693057

#1	788.3934	34167.84	6019.359	842.6259	1202.087
#2	785.8401	34338.83	5983.453	837.5125	1200.125
#3	787.9778	34329.26	5986.355	834.9202	1206.454

Sample Name: M4720-17 Acquired: 12/02/2021 17:14:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB980 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624822	-.000270	4.395710	.0196689	-.001542	41.79391	.8351103
Stddev	.0012764	.002321	.011288	.0067392	.001986	.10349	.0021065
%RSD	2.042821	860.3797	.2567895	34.26332	128.8101	.2476228	.2522470

#1	.0612094	.002338	4.403152	.0120491	-.003818	41.68959	.8337772
#2	.0637621	-.002110	4.382723	.0248465	-.000161	41.89655	.8375388
#3	.0624752	-.001038	4.401257	.0221111	-.000647	41.79560	.8340148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071849	.0003563	293.7129	.0884330	.3599745	.3544848	133.9055
Stddev	.0000895	.0001238	1.3458	.0009474	.0007722	.0018798	.6122
%RSD	1.246178	34.75689	.4582162	1.071367	.2145087	.5303035	.4571600

#1	.0071505	.0004708	292.1741	.0892920	.3596382	.3560588	133.1986
#2	.0071176	.0003731	294.6701	.0885902	.3594275	.3549922	134.2566
#3	.0072865	.0002249	294.2945	.0874168	.3608578	.3524033	134.2612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.45822	145.0477	.4024741	-.011662	.4068757	.1921388	.3947283
Stddev	.06580	.9523	.0006549	.000649	.0570811	.0021091	.0044790
%RSD	.4889241	.6565685	.1627118	5.562875	14.02913	1.097684	1.134693

#1	13.38226	143.9674	.4017598	-.012353	.4131346	.1932944	.3917664
#2	13.49767	145.4098	.4026166	-.011569	.4605695	.1934176	.3998810
#3	13.49473	145.7658	.4030460	-.011065	.3469231	.1897045	.3925376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924904	3.853489	.1687741	.0027809	3.370520	5.865128	.0177379
Stddev	.072398	.002398	.0009698	.0004640	.026368	.020569	.0024102
%RSD	1.470036	.0622271	.5746267	16.68587	.7823124	.3507075	13.58786

#1	4.847033	3.854931	.1691566	.0022677	3.345165	5.865498	.0149776
#2	4.990175	3.854815	.1676713	.0029041	3.397796	5.885510	.0194256
#3	4.937505	3.850721	.1694942	.0031708	3.368599	5.844376	.0188105

Sample Name: M4720-17 Acquired: 12/02/2021 17:14:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB980 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8727847	.0224687	-.000588
Stddev	.0041000	.0011846	.000427
%RSD	.4697578	5.272160	72.63175

#1	.8724474	.0212437	-.000350
#2	.8770429	.0225541	-.000333
#3	.8688638	.0236083	-.001081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	872.5033	37147.36	6506.576	919.9121	1328.290
Stddev	.9602	96.85	31.953	6.5817	1.766
%RSD	.1100557	.2607102	.4910951	.7154701	.1329725

#1	872.3439	37239.01	6541.792	924.7752	1329.387
#2	873.5333	37046.04	6479.433	912.4228	1329.230
#3	871.6328	37157.04	6498.502	922.5384	1326.252

Sample Name: M4718-02A Acquired: 12/02/2021 17:23:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB927A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428321	-.005108	.8663777	.0798533	-.001437	46.40486	1.277007
Stddev	.0052309	.004013	.0034663	.0075582	.001946	.01895	.003256
%RSD	12.21256	78.56156	.4000907	9.465107	135.4617	.0408337	.2549919

#1	.0481317	-.007205	.8677825	.0757901	-.002605	46.42653	1.280766
#2	.0376727	-.007638	.8624296	.0885740	.000810	46.39667	1.275170
#3	.0426918	-.000481	.8689212	.0751957	-.002515	46.39139	1.275084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081308	.0017696	60.98126	.0916380	.1074685	.1255452	136.9091
Stddev	.0001125	.0000517	.27020	.0003160	.0005832	.0033261	.3232
%RSD	1.382997	2.919971	.4430847	.3448170	.5426941	2.649301	.2360579

#1	.0081451	.0018207	60.68614	.0912750	.1067950	.1270144	136.5832
#2	.0082354	.0017174	61.21650	.0918518	.1077992	.1217375	137.2296
#3	.0080119	.0017706	61.04113	.0917871	.1078111	.1278836	136.9144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.39334	25.08552	.1233786	-.010830	.2864207	.2048946	.4997675
Stddev	.05805	.00305	.0013626	.000351	.1239786	.0015121	.0088483
%RSD	.4334063	.0121616	1.104386	3.240802	43.28551	.7379921	1.770480

#1	13.33427	25.08221	.1225555	-.011233	.3568595	.2052874	.4991704
#2	13.45030	25.08823	.1249514	-.010662	.1432685	.2061716	.4912328
#3	13.39544	25.08612	.1226290	-.010594	.3591339	.2032249	.5088991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.609049	4.557753	.1723204	.0026770	3.388196	9.222597	.0163777
Stddev	.018067	.009490	.0014309	.0006106	.003151	.030401	.0039479
%RSD	.5006159	.2082165	.8303924	22.81080	.0929953	.3296329	24.10551

#1	3.596187	4.547348	.1736978	.0033477	3.389428	9.199595	.0205221
#2	3.601256	4.565932	.1724221	.0025298	3.390544	9.257063	.0126611
#3	3.629706	4.559980	.1708414	.0021534	3.384615	9.211132	.0159499

Sample Name: M4718-02A Acquired: 12/02/2021 17:23:39 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB927A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6920504	.0241200	-.055776
Stddev	.0015652	.0003488	.000398
%RSD	.2261713	1.446159	.7134942

#1	.6922937	.0241660	-.055340
#2	.6903778	.0237504	-.056120
#3	.6934798	.0244435	-.055867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.9666	38956.29	6730.588	969.8874	1419.137
Stddev	.7079	93.87	17.513	6.5534	1.495
%RSD	.0761161	.2409733	.2601958	.6756831	.1053512

#1	930.3145	38848.53	6745.430	964.0609	1420.520
#2	930.4332	39000.05	6711.272	976.9822	1419.339
#3	929.1521	39020.30	6735.062	968.6189	1417.551

Sample Name: M4717-01DLX2 Acquired: 12/02/2021 17:27:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB906 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2485811	-.012515	8.526685	.0608581	.0095723	37.59173	1.445321
Stddev	.0138388	.004321	.011677	.0078790	.0022229	.08039	.002469
%RSD	5.567127	34.52532	.1369423	12.94647	23.22182	.2138465	.1708220

#1	.2528629	-.012757	8.524258	.0655783	.0093473	37.58643	1.448016
#2	.2597730	-.016711	8.539384	.0652336	.0074705	37.51413	1.443167
#3	.2331074	-.008079	8.516412	.0517624	.0118991	37.67464	1.444781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162352	-.006130	11.15364	.4340892	.2462038	.1426601	445.1615
Stddev	.0000973	.000218	.04894	.0013218	.0007818	.0023524	.8363
%RSD	.5994474	3.548856	.4387413	.3044960	.3175345	1.648921	.1878661

#1	.0161378	-.006125	11.09816	.4355914	.2454370	.1452796	445.1862
#2	.0163324	-.005914	11.17209	.4331043	.2461747	.1419728	444.3132
#3	.0162353	-.006349	11.19067	.4335720	.2469997	.1407280	445.9853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.90703	4.238342	.2719538	-.035201	1.025518	.6616655	.2394796
Stddev	.06491	.045863	.0006846	.000300	.140347	.0026282	.0025789
%RSD	.3624667	1.082108	.2517201	.8519856	13.68543	.3972132	1.076873

#1	17.85559	4.202334	.2724816	-.035015	.992566	.6621067	.2369811
#2	17.88555	4.222714	.2721995	-.035546	.904580	.6588447	.2421319
#3	17.97996	4.289976	.2711803	-.035040	1.179409	.6640453	.2393257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9858700	3.453149	.5054877	.0223111	.8037878	6.413829	.0079548
Stddev	.0193824	.011764	.0020640	.0007859	.0068843	.024838	.0038810
%RSD	1.966015	.3406827	.4083167	3.522642	.8564783	.3872636	48.78805

#1	.9828532	3.460000	.5073214	.0222604	.7995437	6.404017	.0091692
#2	1.006584	3.439565	.5058893	.0215517	.8117308	6.395396	.0036119
#3	.968173	3.459882	.5032524	.0231211	.8000888	6.442075	.0110834

Sample Name: M4717-01DLX2 Acquired: 12/02/2021 17:27:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB906 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3442499	.0050219	-.418938
Stddev	.0035040	.0008529	.000876
%RSD	1.017881	16.98300	.2091256

#1	.3407094	.0059791	-.418899
#2	.3443240	.0047438	-.418083
#3	.3477164	.0043428	-.419834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.1367	36925.49	6341.878	923.3123	1419.477
Stddev	2.2218	86.13	9.698	6.0786	1.153
%RSD	.2518647	.2332638	.1529205	.6583471	.0812220

#1	879.5816	36894.09	6351.687	923.9271	1418.712
#2	883.6144	36859.47	6332.295	916.9497	1418.917
#3	883.2140	37022.92	6341.652	929.0601	1420.803

Sample Name: M4717-17DLX2 Acquired: 12/02/2021 17:31:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB920 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1025167	-.006376	3.112648	.0339111	.0224294	28.29052	1.716154
Stddev	.0070450	.002430	.006214	.0033486	.0027013	.07189	.001154
%RSD	6.872056	38.11609	.1996394	9.874807	12.04372	.2541119	.0672624

#1	.1099053	-.006530	3.119249	.0368570	.0234529	28.37336	1.717094
#2	.0958748	-.003873	3.106912	.0302691	.0244695	28.24458	1.714865
#3	.1017700	-.008726	3.111781	.0346071	.0193659	28.25360	1.716501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086941	.0221871	115.2320	.2293005	.1878475	.1413662	232.6927
Stddev	.0000960	.0002681	.5193	.0008983	.0006715	.0017926	.7890
%RSD	1.104651	1.208206	.4506222	.3917470	.3574894	1.268016	.3390823

#1	.0088020	.0222394	115.8045	.2282632	.1879424	.1400295	233.5799
#2	.0086181	.0224251	114.7913	.2298209	.1884666	.1406659	232.0698
#3	.0086622	.0218967	115.1002	.2298173	.1871336	.1434031	232.4284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.71975	53.40035	.1214269	-.018333	.5061799	.4017245	1.636131
Stddev	.09245	.19083	.0010326	.000092	.2016807	.0074385	.012970
%RSD	.4938515	.3573612	.8503635	.4997249	39.84368	1.851636	.7927055

#1	18.82165	53.51285	.1203609	-.018374	.7206455	.4052406	1.647285
#2	18.64124	53.18001	.1214972	-.018397	.3203438	.3931798	1.639209
#3	18.69637	53.50818	.1224225	-.018228	.4775504	.4067531	1.621900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087846	2.145135	.2698635	.0057842	1.927906	5.851690	.0051636
Stddev	.082365	.011209	.0014181	.0006016	.012497	.022991	.0024365
%RSD	7.571413	.5225175	.5254952	10.40137	.6482242	.3928882	47.18594

#1	1.178594	2.145130	.2710266	.0052350	1.938935	5.870046	.0074549
#2	1.067124	2.133929	.2682837	.0064272	1.930451	5.825903	.0054316
#3	1.017821	2.156347	.2702801	.0056905	1.914333	5.859120	.0026042

Sample Name: M4717-17DLX2 Acquired: 12/02/2021 17:31:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB920 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3517850	.0081977	-.189852
Stddev	.0009179	.0005097	.000780
%RSD	.2609167	6.217352	.4106901

#1	.3520237	.0085747	-.190707
#2	.3525599	.0084006	-.189180
#3	.3507713	.0076178	-.189669

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	850.9647	35875.18	6212.444	888.7916	1387.150
Stddev	1.3044	162.63	22.826	2.6188	2.380
%RSD	.1532870	.4533341	.3674227	.2946462	.1715702

#1	849.5790	35727.04	6189.500	885.7677	1384.596
#2	851.1465	35849.29	6235.150	890.3036	1389.307
#3	852.1687	36049.21	6212.682	890.3036	1387.545

Sample Name: M4717-18DLX2 Acquired: 12/02/2021 17:35:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB921 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0928161	-.006071	3.094458	.0355341	.0027368	30.03432	1.908841
Stddev	.0054625	.009736	.005207	.0039545	.0024016	.12531	.006253
%RSD	5.885302	160.3702	.1682683	11.12870	87.75339	.4172282	.3276028

#1	.0967471	-.007980	3.097925	.0353333	.0037826	29.90810	1.902341
#2	.0951226	-.014712	3.088470	.0316839	-.000010	30.15871	1.914814
#3	.0865787	.004478	3.096979	.0395852	.004438	30.03615	1.909367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095471	.0192171	58.37890	.3056823	.1896501	.1473372	253.8954
Stddev	.0000970	.0001206	.46297	.0009694	.0005590	.0028510	1.4852
%RSD	1.016374	.6273059	.7930430	.3171442	.2947421	1.935036	.5849547

#1	.0094384	.0193391	57.84994	.3046825	.1891701	.1442298	252.2619
#2	.0095776	.0190980	58.71042	.3066183	.1895164	.1498324	255.1642
#3	.0096252	.0192141	58.57633	.3057462	.1902638	.1479494	254.2602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.74687	26.67330	.1370732	-.019965	.4896471	.4130460	1.372850
Stddev	.10876	.15968	.0024360	.000164	.1295428	.0009406	.024634
%RSD	.5801395	.5986474	1.777154	.8220231	26.45637	.2277165	1.794402

#1	18.62208	26.51454	.1345157	-.020065	.3401494	.4120590	1.354468
#2	18.82146	26.83388	.1393661	-.019775	.5687762	.4139319	1.363241
#3	18.79708	26.67150	.1373377	-.020054	.5600156	.4131470	1.400841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8694063	1.929821	.2926029	.0057541	1.470449	6.295174	.0037046
Stddev	.0328710	.004481	.0032262	.0008072	.006541	.034566	.0015989
%RSD	3.780861	.2321811	1.102574	14.02889	.4448473	.5490799	43.16118

#1	.9071357	1.924897	.2889032	.0054999	1.463740	6.255482	.0030393
#2	.8541295	1.933660	.2940749	.0066578	1.476809	6.318648	.0025457
#3	.8469537	1.930905	.2948304	.0051046	1.470796	6.311394	.0055287

Sample Name: M4717-18DLX2 Acquired: 12/02/2021 17:35:56 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB921 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3654719	.0087028	-.224618
Stddev	.0031251	.0012894	.001359
%RSD	.8550831	14.81633	.6050640

#1	.3619932	.0088979	-.223078
#2	.3663803	.0073269	-.225648
#3	.3680421	.0098835	-.225130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	873.6127	36548.60	6298.609	912.4336	1409.059
Stddev	.3891	62.04	31.021	4.6153	1.545
%RSD	.0445423	.1697364	.4925073	.5058236	.1096647

#1	873.1662	36619.22	6329.700	917.1735	1407.485
#2	873.7921	36523.72	6267.658	912.1736	1409.120
#3	873.8798	36502.87	6298.471	907.9539	1410.573

Sample Name: M4717-19DLX2 Acquired: 12/02/2021 17:40:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB922 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872787	-.015671	.3125989	.0632609	.0090161	32.32276	.4366235
Stddev	.0040837	.002226	.0028807	.0045313	.0015467	.76635	.0095818
%RSD	4.678946	14.20780	.9215328	7.162834	17.15482	2.370937	2.194512

#1	.0846617	-.014340	.3113667	.0650713	.0074338	31.84264	.4308046
#2	.0851900	-.018241	.3105393	.0581043	.0090900	31.91909	.4313833
#3	.0919843	-.014431	.3158908	.0666071	.0105245	33.20657	.4476825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176134	-.007258	6.964366	.5886661	.0957975	.0814067	469.2065
Stddev	.0003218	.000337	.130736	.0009910	.0009275	.0023104	9.8355
%RSD	1.827260	4.644925	1.877219	.1683449	.9681324	2.838128	2.096200

#1	.0174408	-.007076	6.855814	.5881091	.0949986	.0787409	462.5800
#2	.0174146	-.007052	6.927789	.5898103	.0955793	.0826476	464.5318
#3	.0179847	-.007647	7.109496	.5880789	.0968146	.0828315	480.5075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.940095	4.186515	.1389238	-.034526	1.040670	.8975337	.4037085
Stddev	.130419	.077948	.0004246	.000663	.218566	.0204252	.0061666
%RSD	2.195578	1.861890	.3056446	1.919627	21.00238	2.275706	1.527486

#1	5.848878	4.119172	.1391492	-.034173	1.276314	.8764679	.4105310
#2	5.881930	4.168469	.1384340	-.035291	1.001112	.8988814	.3985316
#3	6.089477	4.271903	.1391882	-.034114	.844586	.9172516	.4020629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007683	2.314361	.5363166	.0066562	.0812789	4.582551	.0071196
Stddev	.0581586	.006269	.0101730	.0005202	.0049821	.069924	.0012945
%RSD	57.71514	.2708707	1.896823	7.814947	6.129567	1.525869	18.18196

#1	.0600022	2.308149	.5300343	.0061091	.0791193	4.521727	.0059374
#2	.0749343	2.314247	.5308619	.0067153	.0869764	4.566978	.0085028
#3	.1673683	2.320686	.5480536	.0071444	.0777411	4.658949	.0069187

Sample Name: M4717-19DLX2 Acquired: 12/02/2021 17:40:02 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB922 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4009347	-.001095	-.456691
Stddev	.0114763	.001659	.009533
%RSD	2.862379	151.5669	2.087463

#1	.3941839	-.000308	-.450228
#2	.3944347	-.003000	-.452206
#3	.4141856	.000025	-.467640

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.2151	37384.93	6289.820	935.7423	1428.472
Stddev	1.7591	192.39	106.721	8.7470	1.052
%RSD	.1967240	.5146313	1.696730	.9347709	.0736381

#1	894.1842	37599.54	6369.334	939.2365	1428.433
#2	895.9895	37327.36	6331.596	925.7883	1429.543
#3	892.4717	37227.90	6168.530	942.2022	1427.440

Sample Name: M4717-21DLX5 Acquired: 12/02/2021 17:44:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB924 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331390	-.000856	.2375076	.0131287	-.005247	18.22417	1.520017
Stddev	.0056413	.002249	.0026232	.0070187	.003164	.05229	.006021
%RSD	17.02324	262.9177	1.104467	53.46043	60.30828	.2869471	.3960988

#1	.0266657	.001501	.2382503	.0050257	-.003206	18.25769	1.525022
#2	.0357459	-.002980	.2396793	.0170497	-.003642	18.16391	1.513336
#3	.0370055	-.001088	.2345931	.0173108	-.008892	18.25090	1.521693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037635	-.001104	3.621918	.1041422	.1185123	.0312612	84.30958
Stddev	.0002069	.000217	.009914	.0006502	.0014202	.0016745	.23799
%RSD	5.497828	19.63425	.2737131	.6243350	1.198387	5.356372	.2822806

#1	.0037335	-.000865	3.631838	.1046108	.1201133	.0329246	84.52642
#2	.0035732	-.001160	3.612011	.1044159	.1174039	.0312832	84.05496
#3	.0039837	-.001287	3.621906	.1033999	.1180198	.0295759	84.34736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.63051	2.118589	.0522958	-.008133	.0251744	.1640899	.1133329
Stddev	.01613	.045655	.0004002	.000205	.0795391	.0014887	.0006495
%RSD	.1277213	2.154987	.7653296	2.522495	315.9522	.9072586	.5730509

#1	12.64791	2.071336	.0520475	-.008281	.0901394	.1658015	.1138095
#2	12.62755	2.162458	.0520824	-.008218	.0489158	.1630957	.1135961
#3	12.61606	2.121972	.0527575	-.007899	-.063532	.1633725	.1125932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5644241	.4786367	.0937940	.0025901	.1529673	3.477721	.0003141
Stddev	.0271986	.0126418	.0017727	.0004150	.0098894	.018907	.0034359
%RSD	4.818826	2.641210	1.889982	16.02241	6.465051	.5436657	1093.851

#1	.5332091	.4932259	.0944368	.0021769	.1620900	3.499487	.0010918
#2	.5770345	.4717669	.0917896	.0030069	.1543543	3.465372	.0032945
#3	.5830286	.4709172	.0951557	.0025867	.1424576	3.468303	-.003444

Sample Name: M4717-21DLX5 Acquired: 12/02/2021 17:44:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB924 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1397283	.0060549	-.071439
Stddev	.0012167	.0007311	.000168
%RSD	.8707954	12.07521	.2352363

#1	.1409169	.0064578	-.071584
#2	.1384852	.0064960	-.071255
#3	.1397827	.0052109	-.071478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	845.4794	35161.14	5998.177	897.7619	1431.606
Stddev	9.9983	21.03	19.883	2.6661	17.954
%RSD	1.182561	.0598204	.3314777	.2969674	1.254145

#1	833.9344	35159.27	5984.609	894.8341	1410.995
#2	851.2544	35183.05	6021.000	900.0498	1443.844
#3	851.2495	35141.11	5988.922	898.4016	1439.980

Sample Name: M4718-12DLX2 Acquired: 12/02/2021 17:48:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB935 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594912	-.005135	.2477580	.0386691	.0001825	14.99987	1.635701
Stddev	.0145155	.004299	.0007308	.0073970	.0019333	.01081	.004925
%RSD	24.39943	83.70741	.2949810	19.12888	1059.601	.0720830	.3011093

#1	.0638120	-.000172	.2470324	.0302385	-.001736	14.98744	1.640532
#2	.0713557	-.007550	.2484940	.0416970	.002130	15.00706	1.635884
#3	.0433059	-.007684	.2477477	.0440716	.000153	15.00511	1.630687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078252	-.003211	8.430781	.1979052	.0983593	.0605698	236.9515
Stddev	.0000338	.000033	.111807	.0004809	.0002937	.0024029	1.7966
%RSD	.4314696	1.042712	1.326170	.2429715	.2985494	3.967154	.7582178

#1	.0078227	-.003229	8.555230	.1973755	.0985650	.0632919	238.8153
#2	.0078602	-.003172	8.338807	.1983143	.0980230	.0587434	235.2306
#3	.0077928	-.003231	8.398305	.1980256	.0984900	.0596741	236.8086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.07338	4.165898	.1121892	-.020628	.5192971	.3400861	.2979790
Stddev	.24666	.048778	.0010517	.000375	.2701427	.0023838	.0069009
%RSD	.9837359	1.170878	.9374350	1.819494	52.02084	.7009290	2.315916

#1	25.34202	4.221090	.1112392	-.020566	.2974393	.3410358	.3059473
#2	24.85713	4.148034	.1133193	-.021031	.8201245	.3418487	.2940452
#3	25.02101	4.128572	.1120090	-.020288	.4403276	.3373739	.2939445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023582	3.597158	.2706821	.0039010	.1118942	1.967432	.0088062
Stddev	.058074	.010475	.0014282	.0006635	.0062095	.009279	.0016106
%RSD	246.2607	.2912060	.5276305	17.00871	5.549399	.4716235	18.28918

#1	-.015560	3.600727	.2696462	.0044320	.1074654	1.965547	.0105630
#2	.030063	3.605383	.2700888	.0041137	.1092253	1.959240	.0084564
#3	-.085250	3.585365	.2723113	.0031572	.1189919	1.977508	.0073993

Sample Name: M4718-12DLX2 Acquired: 12/02/2021 17:48:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB935 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3977322	.0037047	-.203090
Stddev	.0017462	.0006269	.001737
%RSD	.4390361	16.92129	.8554090

#1	.3990525	.0035114	-.204835
#2	.3957523	.0044054	-.201361
#3	.3983919	.0031972	-.203073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.3607	35965.27	6124.747	906.1109	1439.454
Stddev	2.2455	163.11	54.636	5.0250	3.932
%RSD	.2588876	.4535273	.8920489	.5545710	.2731274

#1	866.2905	35783.87	6061.665	903.0826	1438.859
#2	869.9411	36012.07	6157.055	903.3387	1443.649
#3	865.8506	36099.86	6155.521	911.9114	1435.854

Sample Name: M4716-18DLX5 Acquired: 12/02/2021 17:52:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB901 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261712	.0034542	12.72655	.0041305	-.002796	5.966586	.1440350
Stddev	.0026636	.0051206	.00675	.0024076	.001383	.008636	.0003141
%RSD	10.17760	148.2400	.0530167	58.28784	49.44593	.1447318	.2180679

#1	.0241436	.0044415	12.73276	.0059468	-.004036	5.956904	.1442424
#2	.0251821	-.002088	12.71937	.0050451	-.001305	5.973493	.1436737
#3	.0291879	.008009	12.72752	.0013996	-.003047	5.969362	.1441891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013647	.0190946	152.1116	.0141441	.0445172	.0878807	36.38489
Stddev	.0000984	.0001650	.6504	.0004451	.0002758	.0015439	.05302
%RSD	7.214474	.8639403	.4275860	3.146968	.6195509	1.756839	.1457116

#1	.0014016	.0190640	152.3784	.0141164	.0446858	.0865670	36.35602
#2	.0012531	.0189471	151.3703	.0146025	.0441989	.0874940	36.35258
#3	.0014393	.0192728	152.5863	.0137135	.0446669	.0895813	36.44608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.320237	70.30008	.0450807	-.001317	.0035085	.0364427	.9984951
Stddev	.006979	.12397	.0004303	.000344	.1244431	.0030195	.0197927
%RSD	.1615336	.1763388	.9544199	26.09428	3546.948	8.285549	1.982249

#1	4.321404	70.27090	.0447309	-.001703	-.028743	.0376678	1.019345
#2	4.312749	70.19331	.0455611	-.001203	.140902	.0386571	.996177
#3	4.326559	70.43604	.0449500	-.001044	-.101634	.0330032	.979964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6675621	1.103134	.0451489	.0005083	4.349337	1.809437	.0016349
Stddev	.0187059	.005536	.0006791	.0004425	.006798	.011222	.0015992
%RSD	2.802124	.5018380	1.504069	87.05588	.1562884	.6201766	97.81575

#1	.6741776	1.096969	.0445579	.0000242	4.341493	1.799141	.0001222
#2	.6820612	1.107679	.0458907	.0006087	4.353007	1.807770	.0014740
#3	.6464473	1.104754	.0449981	.0008919	4.353510	1.821398	.0033084

Sample Name: M4716-18DLX5 Acquired: 12/02/2021 17:52:21 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB901 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1044492	.0033969	.0166183
Stddev	.0008923	.0024112	.0001326
%RSD	.8543021	70.98424	.7976689

#1	.1034537	.0054217	.0167431
#2	.1047169	.0007294	.0166325
#3	.1051770	.0040394	.0164791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.8249	33653.62	5799.951	835.1827	1377.425
Stddev	.7836	63.17	12.073	9.6657	.507
%RSD	.0983414	.1877047	.2081520	1.157311	.0367913

#1	797.6873	33612.53	5809.369	824.7955	1376.955
#2	796.1565	33621.98	5804.142	836.8403	1377.358
#3	796.6310	33726.36	5786.341	843.9124	1377.962

Sample Name: M4719-15DLX4 Acquired: 12/02/2021 17:56:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB958 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237674	.0008158	2.224542	.0033514	.0019222	4.177540	.1092824
Stddev	.0049372	.0046371	.006409	.0036590	.0017040	.006890	.0007214
%RSD	20.77310	568.4174	.2881069	109.1791	88.64921	.1649392	.6601167

#1	.0265854	-.001593	2.227308	.0020302	.0038662	4.171234	.1086192
#2	.0180665	.006162	2.217215	.0074875	.0006872	4.184895	.1100505
#3	.0266502	-.002121	2.229104	.0005364	.0012131	4.176490	.1091775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009548	.0002023	440.6153	.0125847	.0106231	.1128823	16.04872
Stddev	.0001064	.0002579	1.4068	.0010339	.0003444	.0042378	.06068
%RSD	11.14345	127.4627	.3192778	8.215228	3.241655	3.754140	.3780911

#1	.0008997	.0000679	442.2388	.0114114	.0108911	.1170385	16.08898
#2	.0010775	.0000394	439.8494	.0133622	.0102347	.1130409	16.07825
#3	.0008873	.0004997	439.7575	.0129806	.0107435	.1085674	15.97893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.658621	237.9627	.0155983	-.001689	.4828590	.0244197	.0571459
Stddev	.007260	.8124	.0011843	.000355	.3728976	.0005093	.0056241
%RSD	.4377224	.3414092	7.592262	21.00102	77.22700	2.085567	9.841694

#1	1.666465	238.8793	.0168826	-.001592	.0928477	.0238328	.0521846
#2	1.657261	237.6775	.0153627	-.002082	.8358867	.0247448	.0632556
#3	1.652136	237.3314	.0145496	-.001392	.5198428	.0246816	.0559976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1634376	.3793534	.0199368	.0027150	.7707167	1.086148	.0064676
Stddev	.0219462	.0074198	.0016929	.0004283	.0046209	.004116	.0029315
%RSD	13.42788	1.955902	8.491590	15.77362	.5995560	.3789755	45.32525

#1	.1520770	.3856813	.0184648	.0030897	.7685233	1.082590	.0055092
#2	.1495006	.3711874	.0217868	.0022482	.7760258	1.090657	.0041353
#3	.1887352	.3811916	.0195588	.0028072	.7676011	1.085198	.0097583

Sample Name: M4719-15DLX4 Acquired: 12/02/2021 17:56:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB958 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0902390	.0050617	.1619347
Stddev	.0011144	.0006040	.0003810
%RSD	1.234928	11.93303	.2352847

#1	.0890189	.0057510	.1620139
#2	.0912032	.0046251	.1622698
#3	.0904949	.0048090	.1615203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	763.3549	33054.36	5599.817	813.0719	1287.549
Stddev	2.1384	1133.71	6.684	22.2832	1.442
%RSD	.2801307	3.429842	.1193690	2.740621	.1119664

#1	761.0012	34362.47	5597.203	838.4834	1286.244
#2	765.1781	32444.22	5594.834	803.8634	1289.097
#3	763.8855	32356.38	5607.413	796.8688	1287.307

Sample Name: CCV081 Acquired: 12/02/2021 18:00:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.014948	5.104165	25.35353	4.943692	5.087738	396.8285
Stddev	.030317	.007396	.05151	.013608	.000617	.8708
%RSD	.6045239	.1448981	.2031708	.2752647	.0121297	.2194464

#1	5.034963	5.103826	25.32634	4.955640	5.088062	397.6181
#2	5.029813	5.096945	25.32131	4.946558	5.088126	396.9730
#3	4.980068	5.111725	25.41293	4.928879	5.087027	395.8945

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36546	.5375273	2.540450	417.7501	15.57652	2.610007
Stddev	.02692	.0026151	.005501	1.1496	.09703	.004873
%RSD	.2597136	.4864976	.2165355	.2751794	.6229429	.1867172

#1	10.36384	.5404679	2.537659	419.0747	15.52542	2.609581
#2	10.39315	.5354627	2.536905	417.1633	15.51573	2.605361
#3	10.33938	.5366513	2.546787	417.0124	15.68843	2.615079

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83235	415.1785	16.15402	414.5639	2.570487	1.349978
Stddev	.02156	.7263	.03962	.6397	.004952	.008524
%RSD	.1362013	.1749256	.2452408	.1542955	.1926612	.6314250

#1	15.81881	416.0074	16.19976	415.2413	2.567368	1.345592
#2	15.85722	414.8743	16.13205	414.4799	2.576197	1.344540
#3	15.82103	414.6538	16.13026	413.9703	2.567895	1.359802

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.9073	2.617395	15.34736	162.8331	5.267231	F 5.814842
Stddev	1.7765	.009658	.10509	.2331	.015980	.013577
%RSD	.4376515	.3690018	.6847625	.1431687	.3033793	.2334850

#1	406.3687	2.626296	15.22979	162.7767	5.285434	5.829397
#2	407.4076	2.607126	15.43216	163.0892	5.260739	5.802520
#3	403.9457	2.618763	15.38012	162.6333	5.255518	5.812609

Sample Name: CCV081 Acquired: 12/02/2021 18:00:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050954	5.143645	5.434103	5.023215	5.299273	F 5.552985
Stddev	.013483	.019158	.021344	.006544	.014995	.017991
%RSD	.2669474	.3724579	.3927811	.1302695	.2829553	.3239814
#1	5.037744	5.142262	5.455835	5.025222	5.312784	5.570381
#2	5.050424	5.125215	5.413169	5.015903	5.301894	5.554119
#3	5.064695	5.163456	5.433306	5.028520	5.283141	5.534453

Elem	Sr4077
Units	ppm
Avg	5.093385
Stddev	.007939
%RSD	.1558692
#1	5.095915
#2	5.099750
#3	5.084489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	689.5650	30869.27	5415.512	730.8323	1173.023
Stddev	2.1402	63.50	28.980	4.4716	2.500
%RSD	.3103747	.2056916	.5351267	.6118483	.2131265
#1	691.7746	30893.00	5384.399	734.5966	1175.897
#2	687.5017	30917.47	5420.400	725.8895	1171.345
#3	689.4187	30797.32	5441.737	732.0108	1171.828

Sample Name: CCB081 Acquired: 12/02/2021 18:04:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004720	.0028481	-.000838	.0020723	-.003972	.0135646	-.000850
Stddev	.002189	.0056239	.004143	.0057375	.001800	.0063959	.001250
%RSD	46.37312	197.4584	494.3096	276.8657	45.31399	47.15148	146.9410

#1	-.003231	-.002720	-.004073	.0055168	-.001959	.0183037	-.002235
#2	-.003696	.008526	.003832	.0052512	-.004531	.0161005	-.000510
#3	-.007233	.002738	-.002274	-.004551	-.005426	.0062896	.000194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0001177	.0004878	-.000012	.0002405	.0030936	.0047495
Stddev	.000055	.0002067	.0086337	.000238	.0002169	.0008822	.0077620
%RSD	279.9496	175.6746	1769.831	2050.487	90.17608	28.51744	163.4282

#1	-.000052	.0003004	.0088229	.000174	.0001874	.0032430	.0089302
#2	-.000051	-.000107	.0010569	-.000280	.0000552	.0038915	-.004207
#3	.000044	.000159	-.008416	.000072	.0004791	.0021462	.009525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005803	.0011327	.0005452	.0001064	-.193087	.0036171	.0024180
Stddev	.0003792	.0051244	.0007740	.0001415	.195882	.0029395	.0036279
%RSD	65.34162	452.3885	141.9790	132.9874	101.4472	81.26711	150.0375

#1	.0007823	.0059542	-.000006	.0002212	-.331919	.0068792	.0058168
#2	.0008158	-.004249	.001430	-.000052	-.278313	.0011738	.0028396
#3	.0001429	.001693	.000212	.000150	.030970	.0027984	-.001402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.083276	.0035176	.0068414	.0005045	-.001968	.0031472	.0020524
Stddev	.057077	.0037398	.0011339	.0002049	.005619	.0011156	.0014406
%RSD	68.53987	106.3162	16.57453	40.61272	285.5221	35.44851	70.19324

#1	-.053239	.0078145	.0059088	.0002762	.001964	.0042253	.0007497
#2	-.149100	.0009967	.0081037	.0005650	-.008403	.0019975	.0018078
#3	-.047489	.0017417	.0065119	.0006723	.000535	.0032188	.0035997

Sample Name: CCB081 Acquired: 12/02/2021 18:04:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v54) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010139	-.001083	.0001434
Stddev	.0011480	.001103	.0000138
%RSD	113.2269	101.8718	9.647128

#1	.0004255	-.001551	.0001277
#2	.0023368	-.001874	.0001484
#3	.0002794	.000177	.0001540

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	809.5428	33384.93	5632.125	844.6078	1426.913
Stddev	.3296	191.71	79.517	7.4236	2.455
%RSD	.0407125	.5742461	1.411840	.8789443	.1720735

#1	809.3261	33166.34	5648.125	838.1429	1425.775
#2	809.9221	33524.51	5702.425	852.7151	1429.731
#3	809.3803	33463.96	5545.825	842.9653	1425.234