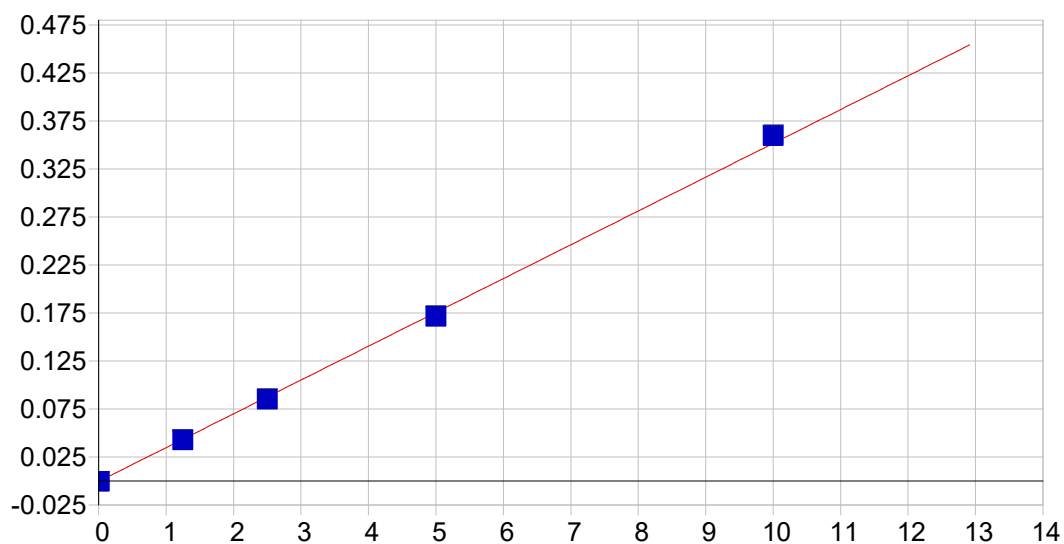


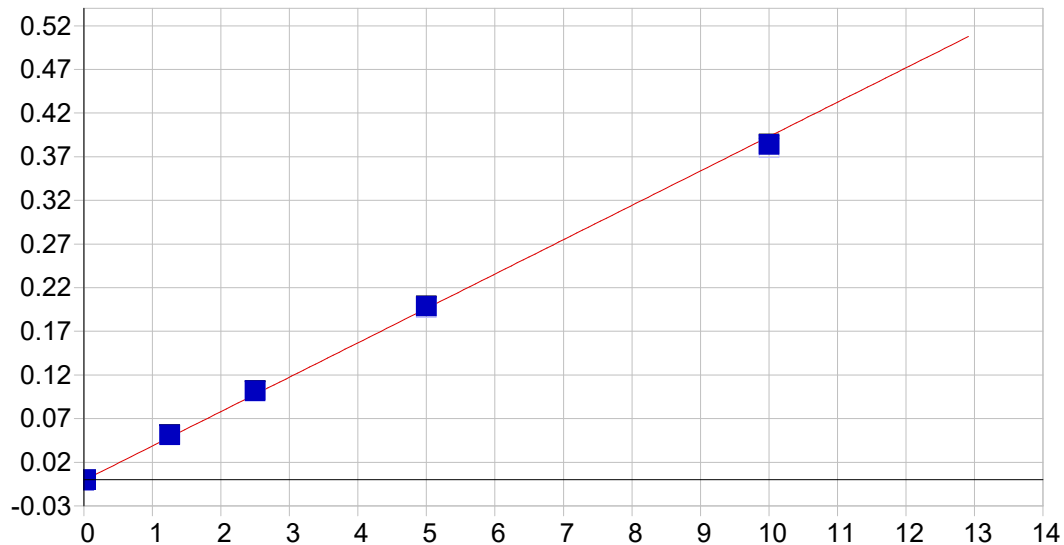


As 189.042 {479}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000474 Re-Slope: 1.000000
 A1 (Gain): 0.035215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999696 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.010912
 Predicted MQL: 0.036373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.01000	.00726	-.003	-27.4	-.00022	.000	1
S2	1.2500	1.2218	-.028	-2.26	.04266	.000	1
S3	2.5000	2.4297	-.070	-2.81	.08532	.000	1
S4	5.0000	4.8763	-.124	-2.47	.17170	.000	1
S5	10.000	10.225	.225	2.25	.36051	.001	1

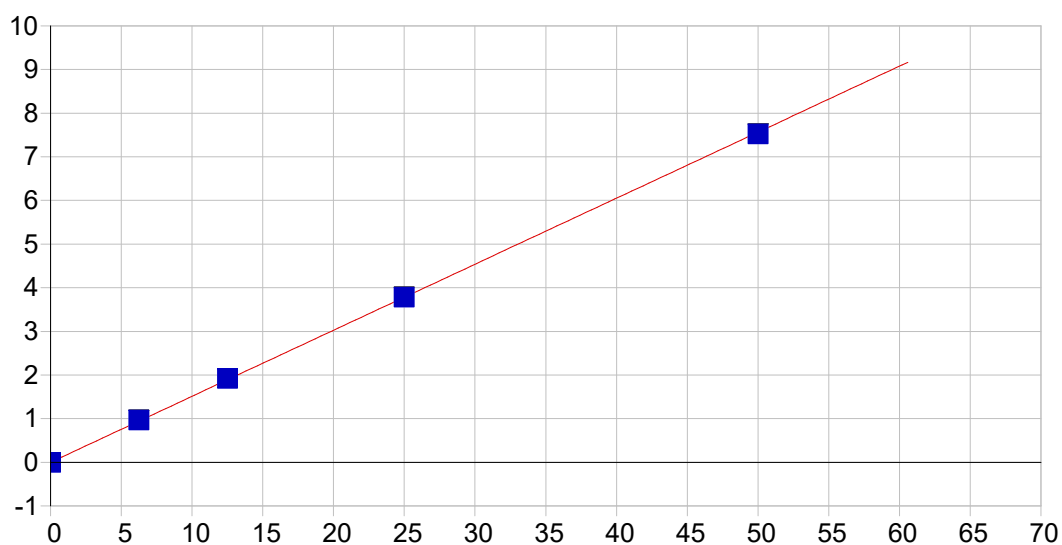


TI 190.856 {477}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000693 Re-Slope: 1.000000
 A1 (Gain): 0.039373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.006216
 Predicted MQL: 0.020718

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.02500	.02079	-.004	-16.8	.00008	.000	1
S2	1.2500	1.3200	.070	5.60	.05083	.000	1
S3	2.5000	2.6033	.103	4.13	.10091	.000	1
S4	5.0000	5.0632	.063	1.26	.19687	.001	1
S5	10.000	9.7675	-.232	-2.32	.38030	.001	1

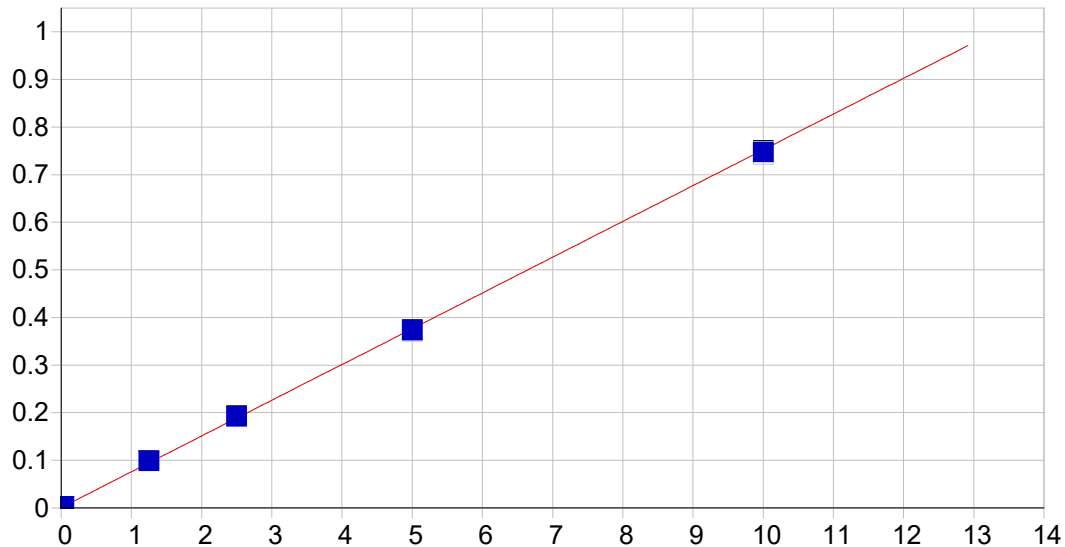


Pb 220.353 {453}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000901	Re-Slope:	1.000000
A1 (Gain):	0.151309	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.003187		
Predicted MQL:	0.010623		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.01000	.00767	-.002	-23.3	.00026	.000	1
S2	6.2500	6.3855	.135	2.17	.96582	.002	1
S3	12.500	12.672	.172	1.37	1.9175	.002	1
S4	25.000	24.986	-.014	-.055	3.7819	.006	1
S5	50.000	49.709	-.291	-.583	7.5248	.014	1

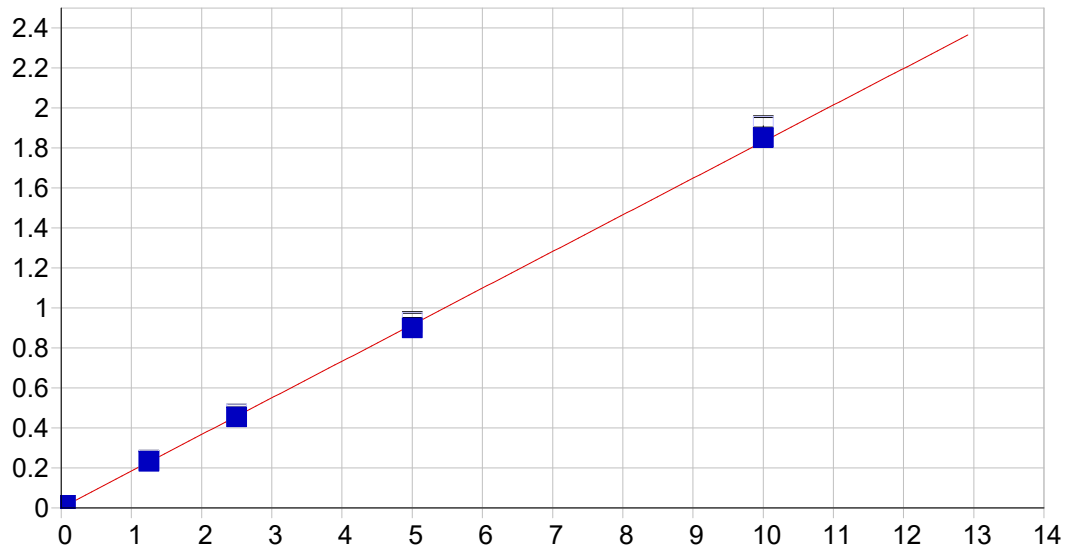


Se 196.090 {472}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000701 Re-Slope: 1.000000
 A1 (Gain): 0.075141 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.005800
 Predicted MQL: 0.019334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.03500	.03823	.003	9.22	.00357	.001	1
S2	1.2500	1.3033	.053	4.26	.09795	.001	1
S3	2.5000	2.5504	.050	2.02	.19098	.001	1
S4	5.0000	4.9543	-.046	-.913	.37025	.001	1
S5	10.000	9.9388	-.061	-.612	.74206	.003	1

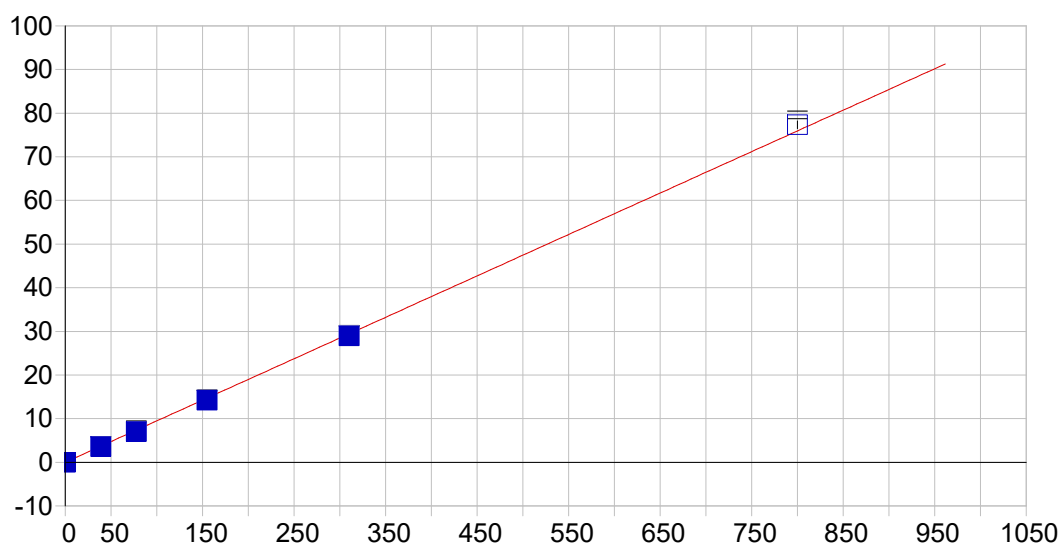


Sb 206.833 {463}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001044 Re-Slope: 1.000000
 A1 (Gain): 0.183056 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.002953
 Predicted MQL: 0.009844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S1	.06000	.06043	.000	.722	.01211	.000	1
S2	1.2500	1.2580	.008	.643	.23832	.001	1
S3	2.5000	2.4761	-.024	-.956	.46828	.001	1
S4	5.0000	4.9063	-.094	-1.87	.92712	.004	1
S5	10.000	10.109	.109	1.09	1.9075	.004	1

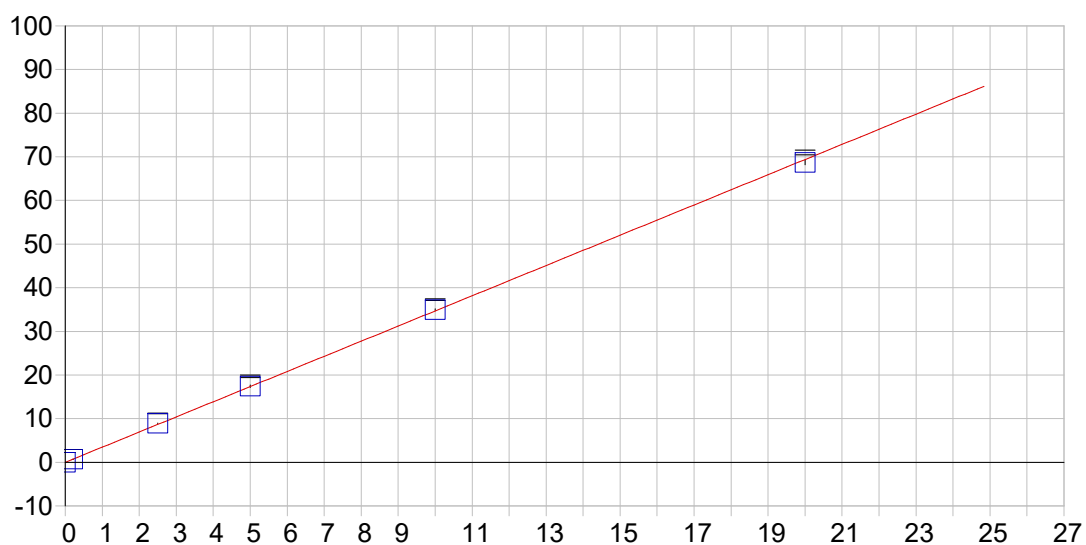


AI 396.152 { 85}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001686 Re-Slope: 1.000000
 A1 (Gain): 0.094926 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750 Status: OK.
 Std Error of Est: 0.001321
 Predicted MDL: 0.009612
 Predicted MQL: 0.032040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00168	.000	1
S1	.20000	.19282	-.007	-3.59	.01665	.001	1
S2	38.750	37.518	-1.23	-3.18	3.5636	.012	1
S3	77.500	74.156	-3.34	-4.32	7.0453	.110	1
S4	155.00	149.89	-5.11	-3.30	14.242	.022	1
S5	310.00	305.16	-4.84	-1.56	28.996	.059	1
S6	800.00	814.55	14.6	1.82	77.320	.882	1

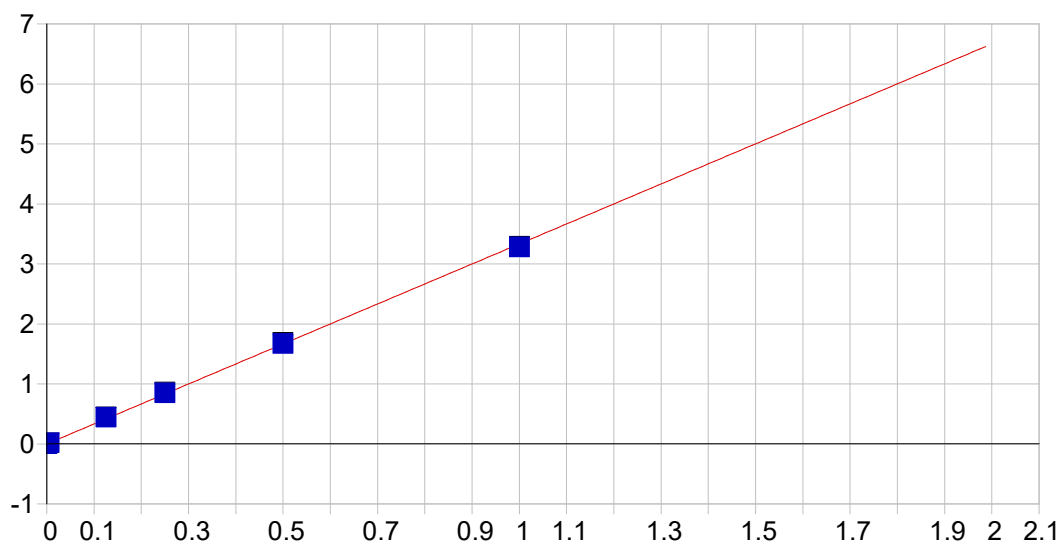


Ba 493.409 { 68}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007236 Re-Slope: 1.000000
 A1 (Gain): 3.469235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.004100
 Predicted MDL: 0.000537
 Predicted MQL: 0.001791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00727	.001	1
S1	.20000	.20335	.003	1.68	.69825	.003	1
S2	2.5000	2.5686	.069	2.74	8.9037	.055	1
S3	5.0000	5.0290	.029	.581	17.440	.275	1
S4	10.000	10.088	.088	.878	34.990	.177	1
S5	20.000	19.811	-.189	-.944	68.722	.554	1

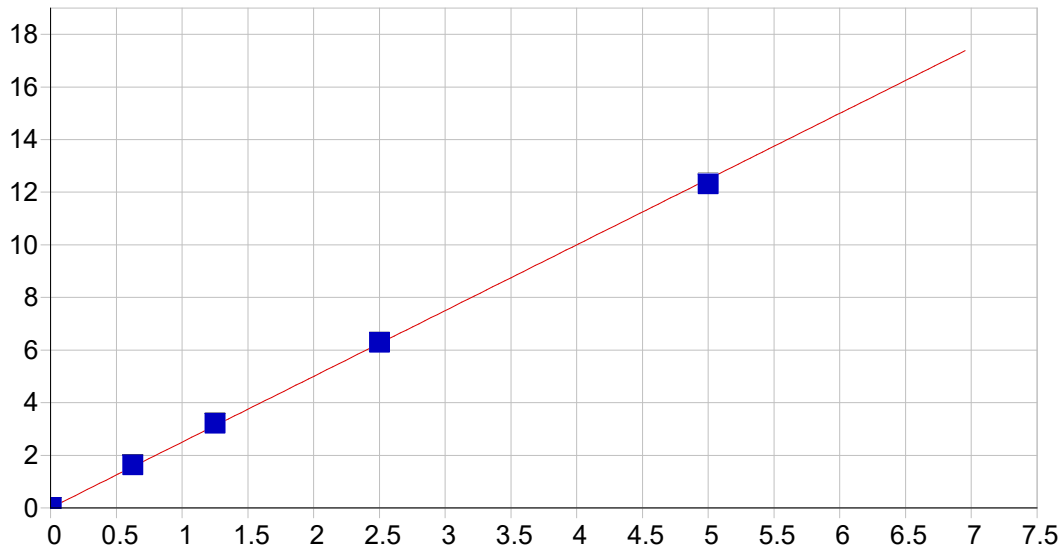


Be 234.861 {144}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001479	Re-Slope:	1.000000
A1 (Gain):	3.334443	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999750	Status:	OK.
Std Error of Est:	0.000279		
Predicted MDL:	0.000100		
Predicted MQL:	0.000334		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00148	.000	1
S1	.00500	.00534	.000	6.88	.01633	.001	1
S2	.12500	.13340	.008	6.72	.44226	.002	1
S3	.25000	.25476	.005	1.90	.84586	.014	1
S4	.50000	.50217	.002	.435	1.6687	.017	1
S5	1.0000	.98432	-.016	-1.57	3.2721	.015	1

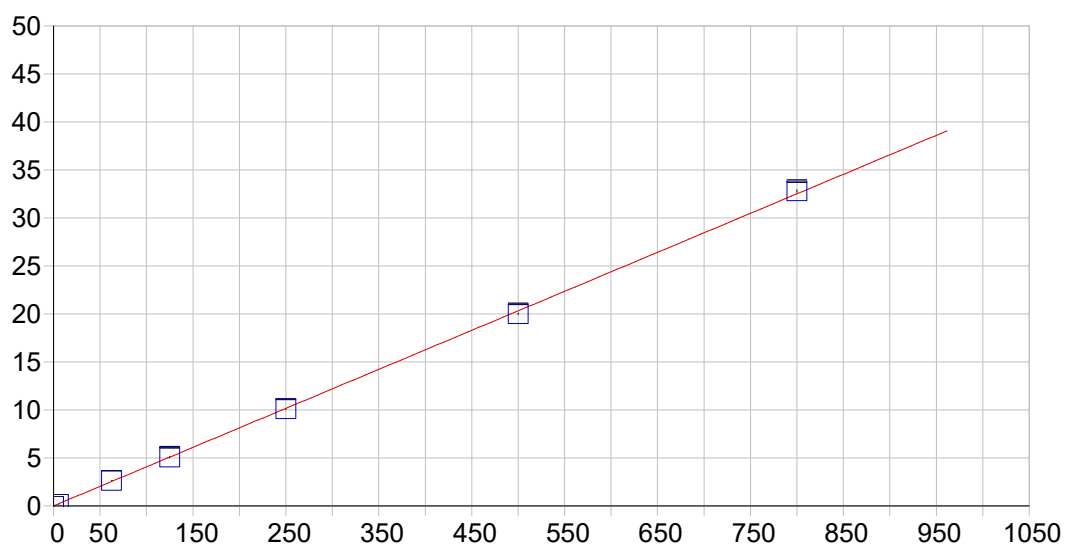


Cd 214.438 {457}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001207	Re-Slope:	1.000000
A1 (Gain):	2.499449	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999816	Status:	OK.
Std Error of Est:	0.000403		
Predicted MDL:	0.000151		
Predicted MQL:	0.000504		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00120	.000	1
S1	.00500	.00544	.000	8.83	.01481	.000	1
S2	.62500	.65208	.027	4.33	1.6341	.005	1
S3	1.2500	1.2855	.036	2.84	3.2204	.004	1
S4	2.5000	2.5136	.014	.546	6.2963	.006	1
S5	5.0000	4.9233	-.077	-1.53	12.332	.015	1

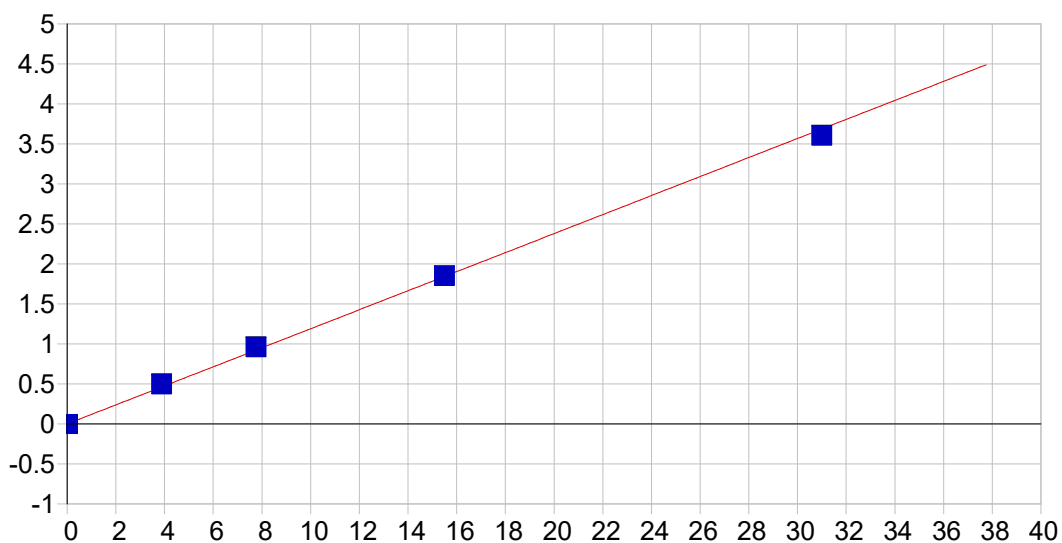


Ca 373.690 { 90}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001702 Re-Slope: 1.000000
 A1 (Gain): 0.040634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.001766
 Predicted MDL: 0.017513
 Predicted MQL: 0.058378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.00170	.000	1
S1	5.0000	5.0449	.045	.898	.20669	.001	1
S2	62.500	64.707	2.21	3.53	2.6310	.013	1
S3	125.00	125.00	-.004	-.003	5.0808	.083	1
S4	250.00	248.15	-1.85	-.739	10.085	.052	1
S5	500.00	492.45	-7.55	-1.51	20.012	.086	1
S6	800.00	807.15	7.15	.894	32.799	.141	1

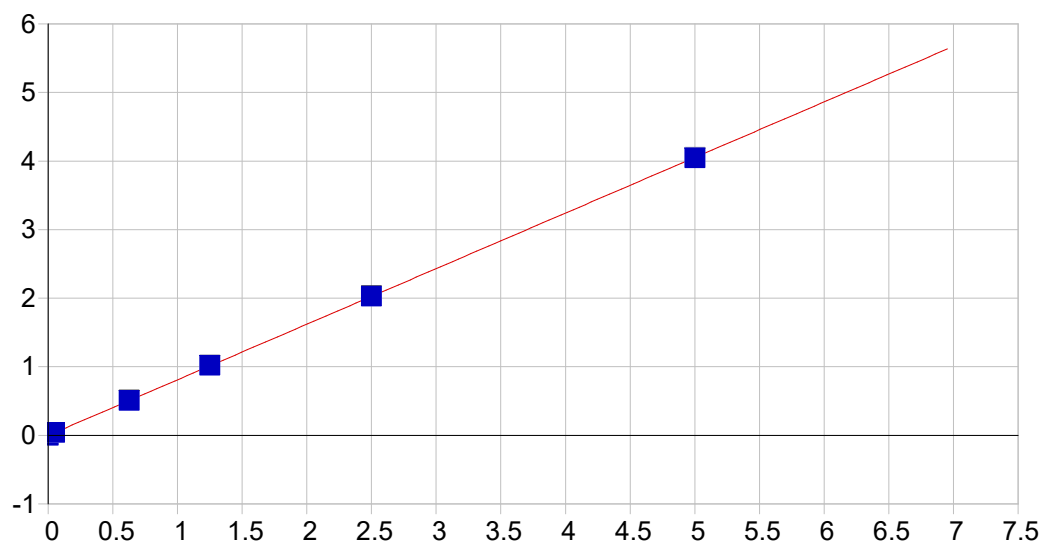


Cr 267.716 {126}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000020	Re-Slope:	1.000000
A1 (Gain):	0.118928	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999565	Status:	OK.
Std Error of Est:	0.000104		
Predicted MDL:	0.000691		
Predicted MQL:	0.002304		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01042	.000	4.23	.00122	.000	1
S2	3.8750	4.1681	.293	7.56	.49582	.003	1
S3	7.7500	8.0681	.318	4.11	.95978	.001	1
S4	15.500	15.572	.072	.462	1.8524	.005	1
S5	31.000	30.317	-.683	-2.20	3.6066	.001	1

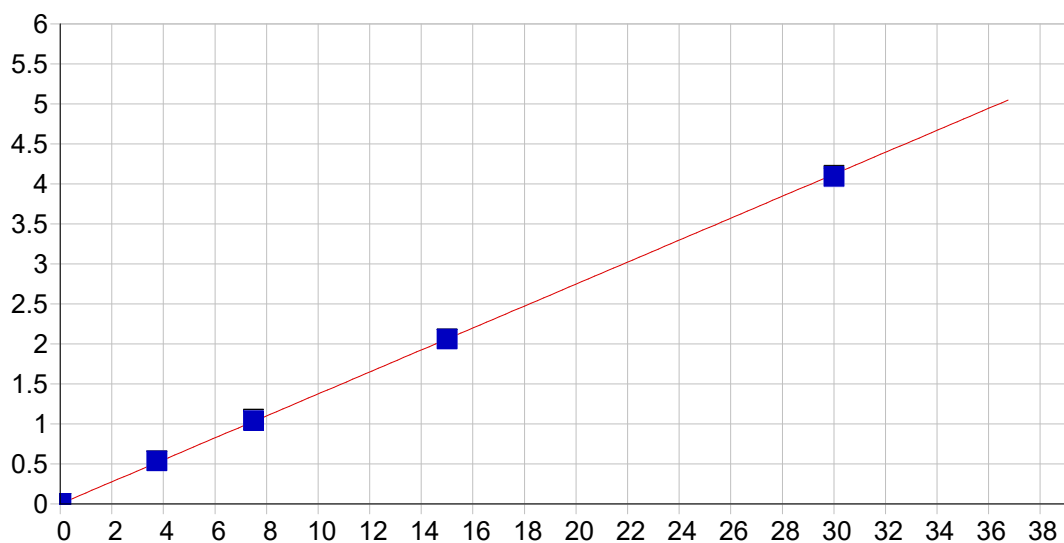


Co 228.616 {448}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000474 Re-Slope: 1.000000
 A1 (Gain): 0.810453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.000458
 Predicted MQL: 0.001527

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00047	.000	1
S1	.05000	.05016	.000	.313	.04031	.001	1
S2	.62500	.62775	.003	.441	.50905	.002	1
S3	1.2500	1.2578	.008	.621	1.0204	.002	1
S4	2.5000	2.5009	.001	.036	2.0294	.002	1
S5	5.0000	4.9884	-.012	-.231	4.0485	.004	1

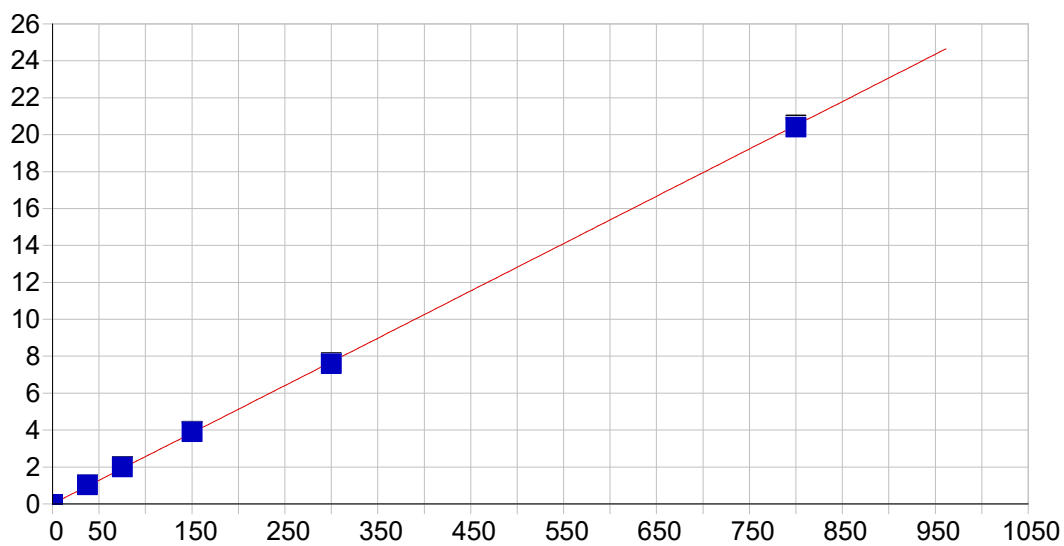


Cu 324.754 {104}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001438	Re-Slope:	1.000000
A1 (Gain):	0.137302	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.003123		
Predicted MQL:	0.010409		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00144	.000	1
S1	.02500	.02739	.002	9.58	.00519	.000	1
S2	3.7500	3.8902	.140	3.74	.53487	.001	1
S3	7.5000	7.5773	.077	1.03	1.0404	.017	1
S4	15.000	14.993	-.007	-.044	2.0573	.001	1
S5	30.000	29.787	-.213	-.711	4.0857	.016	1

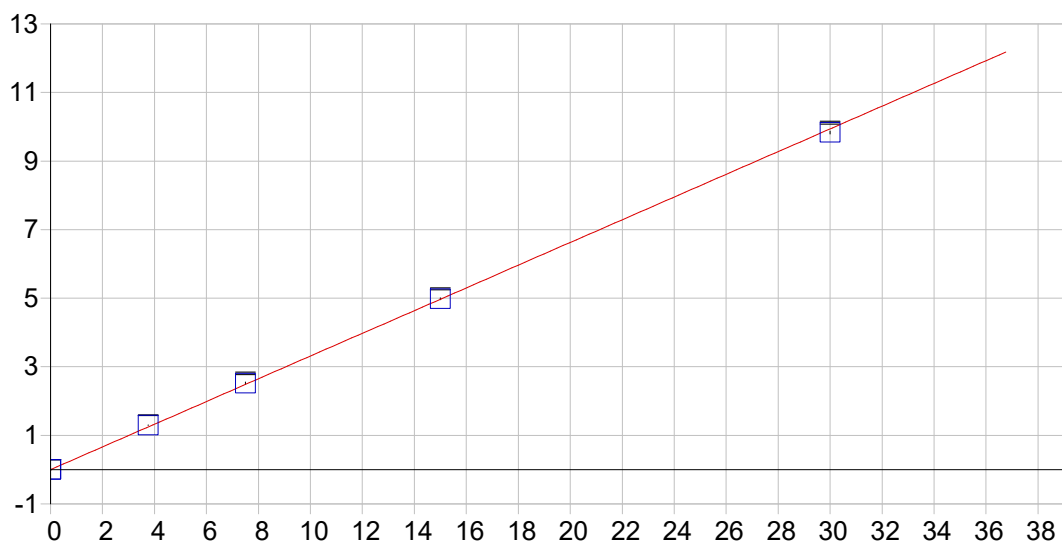


Fe 259.837 {130}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000363	Re-Slope:	1.000000
A1 (Gain):	0.025637	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999858	Status:	OK.
Std Error of Est:	0.000189		
Predicted MDL:	0.009927		
Predicted MQL:	0.033090		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00036	.000	1
S1	.10000	.10969	.010	9.69	.00318	.000	1
S2	37.500	40.196	2.70	7.19	1.0320	.004	1
S3	75.000	77.746	2.75	3.66	1.9958	.034	1
S4	150.00	152.12	2.12	1.41	3.9047	.023	1
S5	300.00	296.41	-3.59	-1.20	7.6085	.033	1
S6	800.00	796.02	-3.98	-.498	20.422	.100	1

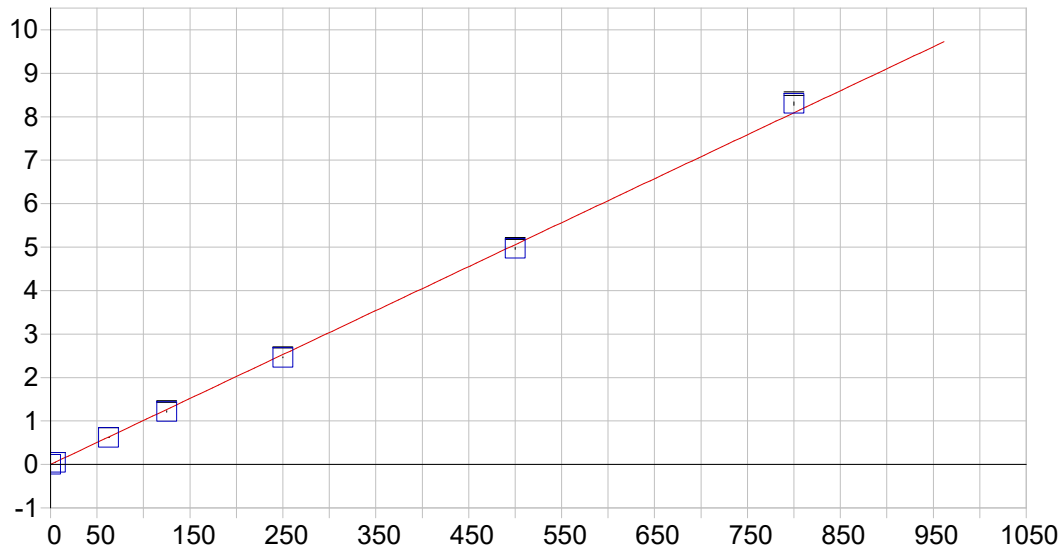


Mn 257.610 {131}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.331279 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000685
 Predicted MQL: 0.002284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.01500	.01577	.001	5.11	.00508	.000	1
S2	3.7500	3.9137	.164	4.37	1.2964	.008	1
S3	7.5000	7.6042	.104	1.39	2.5190	.035	1
S4	15.000	15.048	.048	.323	4.9851	.026	1
S5	30.000	29.683	-.317	-1.06	9.8332	.045	1

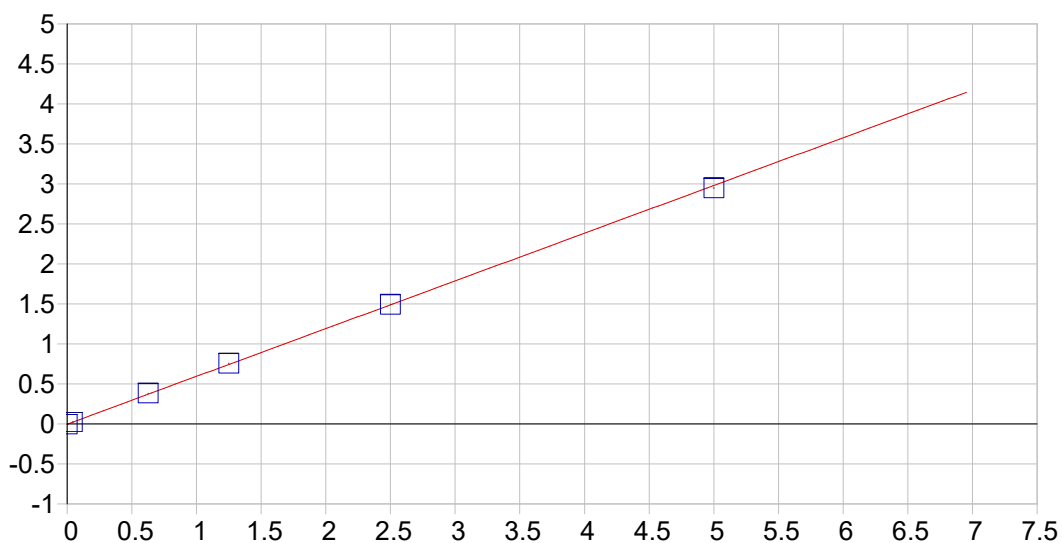


Mg 279.079 {121}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000383 Re-Slope: 1.000000
 A1 (Gain): 0.010115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000868
 Predicted MDL: 0.030347
 Predicted MQL: 0.101158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	-.00038	.000	1
S1	5.0000	4.8926	-.107	-2.15	.04911	.000	1
S2	62.500	61.152	-1.35	-2.16	.61820	.002	1
S3	125.00	120.47	-4.53	-3.62	1.2182	.019	1
S4	250.00	243.52	-6.48	-2.59	2.4629	.013	1
S5	500.00	491.56	-8.44	-1.69	4.9720	.021	1
S6	800.00	820.91	20.9	2.61	8.3034	.038	1

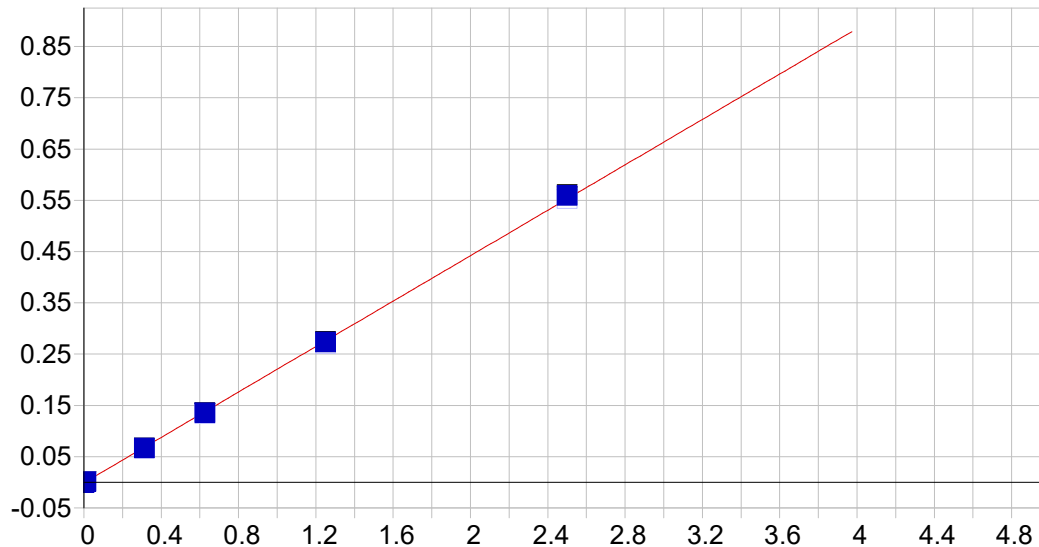


Ni 231.604 {446}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002123 Re-Slope: 1.000000
 A1 (Gain): 0.596502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000192
 Predicted MDL: 0.000717
 Predicted MQL: 0.002390

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00212	.001	1
S1	.04000	.04186	.002	4.65	.02285	.000	1
S2	.62500	.64482	.020	3.17	.38251	.001	1
S3	1.2500	1.2731	.023	1.85	.75729	.001	1
S4	2.5000	2.5079	.008	.315	1.4938	.003	1
S5	5.0000	4.9473	-.053	-1.05	2.9490	.004	1

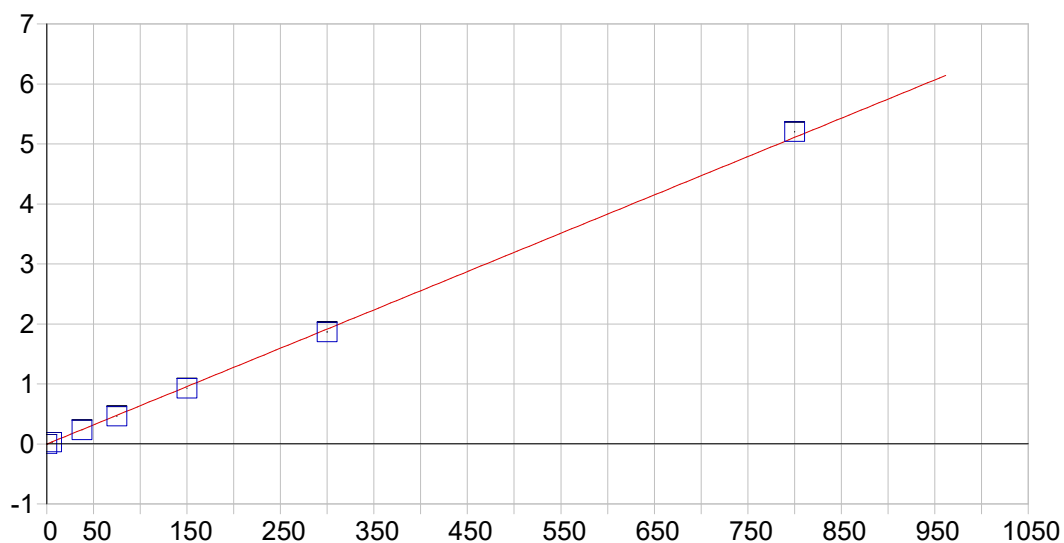


Ag 328.068 {103}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001027 Re-Slope: 1.000000
 A1 (Gain): 0.221504 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000575
 Predicted MQL: 0.001916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00103	.000	1
S1	.01000	.01049	.000	4.94	.00128	.000	1
S2	.31250	.30578	-.007	-2.15	.06597	.000	1
S3	.62500	.61529	-.010	-1.55	.13379	.000	1
S4	1.2500	1.2373	-.013	-1.02	.27008	.001	1
S5	2.5000	2.5287	.029	1.15	.55320	.002	1

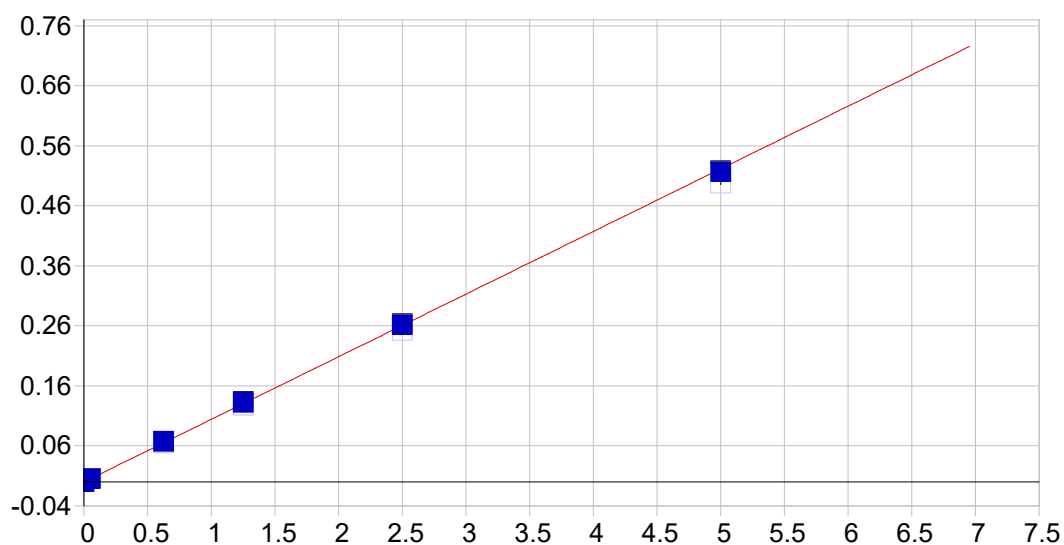


Na 818.326 { 41}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002045	Re-Slope:	1.000000
A1 (Gain):	0.006388	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999754	Status:	OK.
Std Error of Est:	0.000438		
Predicted MDL:	0.259689		
Predicted MQL:	0.865632		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.000	.000	-.00204	.001	1
S1	5.0000	4.8978	-.102	-2.04	.02924	.001	1
S2	37.500	36.980	-.520	-1.39	.23417	.001	1
S3	75.000	72.874	-2.13	-2.83	.46344	.006	1
S4	150.00	145.57	-4.43	-2.95	.92778	.002	1
S5	300.00	292.33	-7.67	-2.56	1.8653	.007	1
S6	800.00	814.85	14.8	1.86	5.2028	.006	1

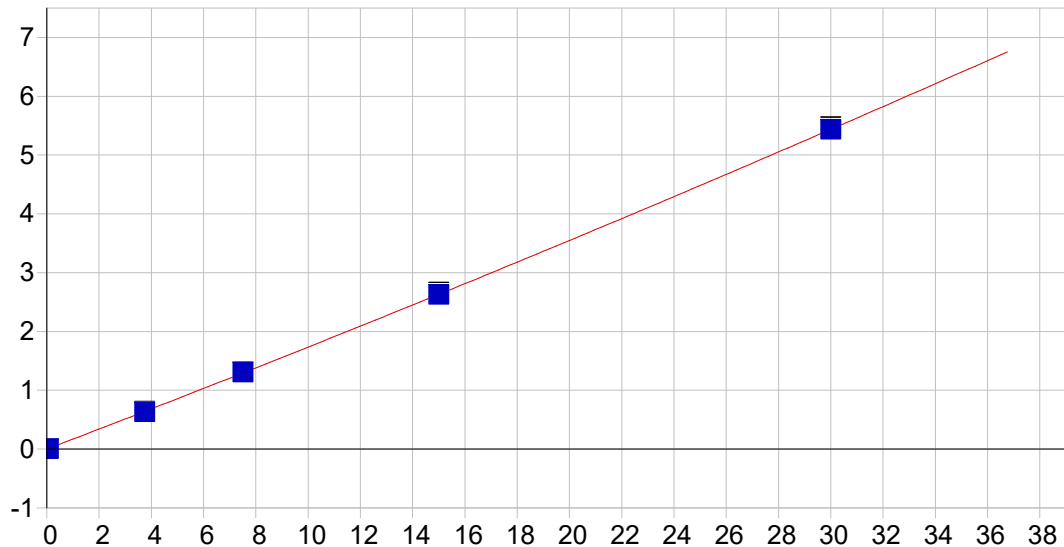


V 292.402 {115}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000140	Re-Slope:	1.000000
A1 (Gain):	0.104371	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.003474		
Predicted MQL:	0.011579		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.05000	.05060	.001	1.20	.00513	.000	1
S2	.62500	.64468	.020	3.15	.06474	.001	1
S3	1.2500	1.2685	.019	1.48	.12746	.001	1
S4	2.5000	2.5105	.010	.420	.25228	.001	1
S5	5.0000	4.9507	-.049	-.986	.49737	.002	1

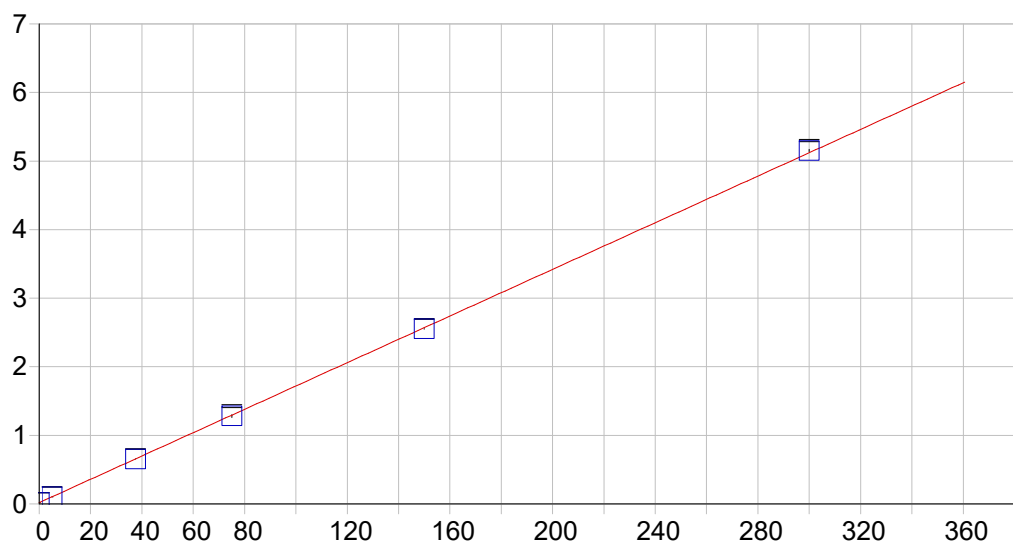


Zn 213.856 {158}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000545	Re-Slope:	1.000000
A1 (Gain):	0.169771	Y-int:	0.000000
A2 (Curvature):	0.000382		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	Warning Positive Curvature
Std Error of Est:	0.000090		
Predicted MDL:	0.004927		
Predicted MQL:	0.016422		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00054	.001	1
S1	.06000	.05479	-.005	-8.68	.00879	.000	1
S2	3.7500	3.6950	-.055	-1.47	.63248	.010	1
S3	7.5000	7.5848	.085	1.13	1.3101	.002	1
S4	15.000	14.978	-.022	-.145	2.6301	.039	1
S5	30.000	29.997	-.003	-.010	5.4401	.039	1

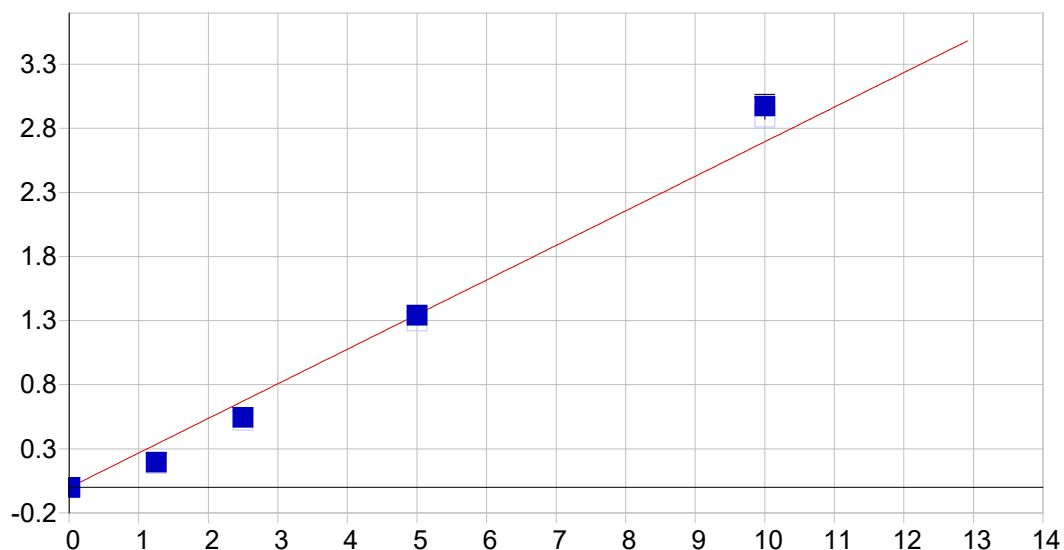


K 769.896 { 44}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018429 Re-Slope: 1.000000
 A1 (Gain): 0.017009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.080342
 Predicted MQL: 0.267807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	.01843	.002	1
S1	5.0000	4.8937	-.106	-2.13	.10167	.001	1
S2	37.500	37.441	-.059	-.157	.65528	.002	1
S3	75.000	74.236	-.764	-1.02	1.2811	.020	1
S4	150.00	149.03	-.973	-.649	2.5533	.004	1
S5	300.00	301.90	1.90	.634	5.1536	.016	1

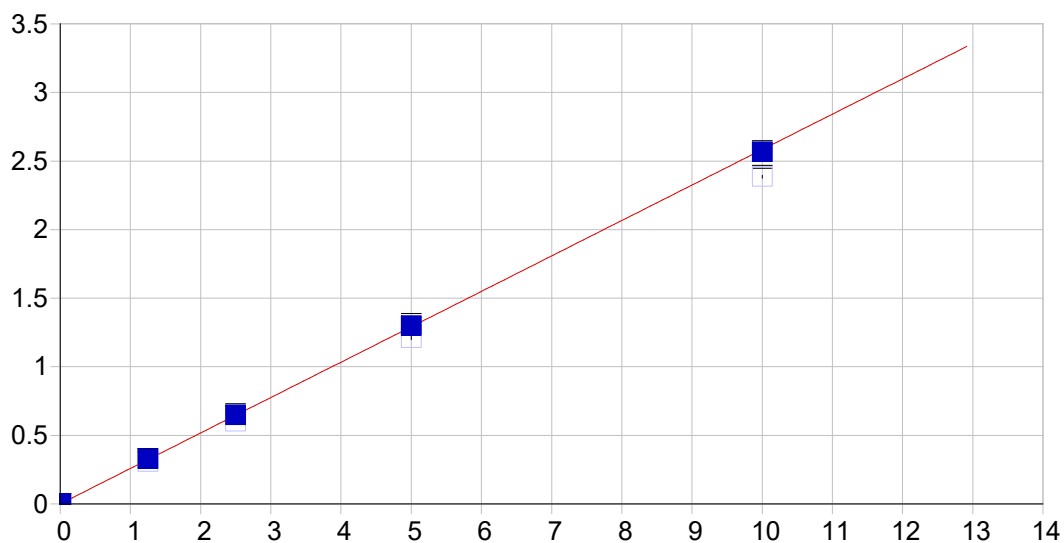


P 177.495 {490}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002132 Re-Slope: 1.000000
 A1 (Gain): 0.269818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.988228 Status: OK.
 Std Error of Est: 0.000677
 Predicted MDL: 0.000859
 Predicted MQL: 0.002862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00213	.000	1
S1	.01000	.00133	-.009	-86.7	-.00184	.000	1
S2	1.2500	.73033	-.520	-41.6	.18377	.001	1
S3	2.5000	2.0245	-.475	-19.0	.52181	.000	1
S4	5.0000	4.9734	-.027	-.531	1.2952	.004	1
S5	10.000	11.030	1.03	10.3	2.8849	.014	1

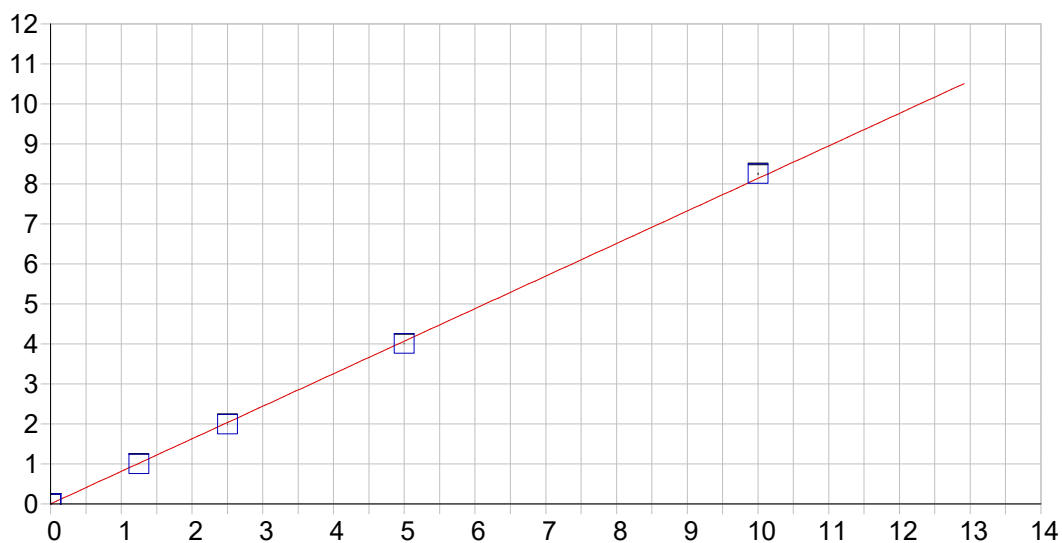


B 249.678 {135}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000270	Re-Slope:	1.000000
A1 (Gain):	0.258322	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.001378		
Predicted MQL:	0.004594		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.01000	.01105	.001	10.5	.00309	.000	1
S2	1.2500	1.2765	.026	2.12	.30755	.002	1
S3	2.5000	2.5063	.006	.251	.60278	.009	1
S4	5.0000	5.0338	.034	.676	1.2108	.015	1
S5	10.000	9.9323	-.068	-.677	2.3863	.011	1

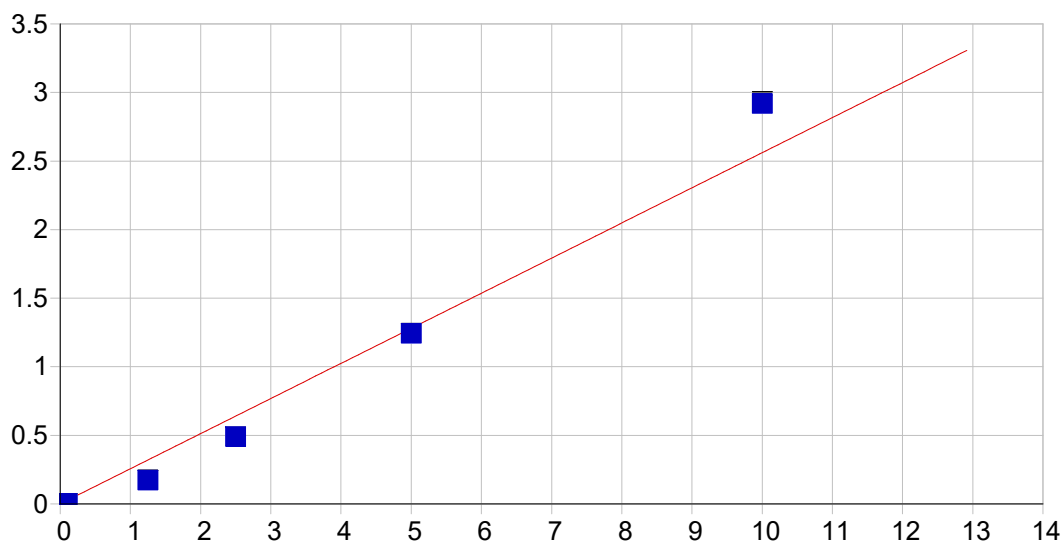


Mo 202.030 {467}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000265 Re-Slope: 1.000000
 A1 (Gain): 0.813642 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000208
 Predicted MDL: 0.000586
 Predicted MQL: 0.001953

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.01000	.01027	.000	2.73	.00862	.000	1
S2	1.2500	1.2336	-.016	-1.32	1.0039	.001	1
S3	2.5000	2.4510	-.049	-1.96	1.9945	.004	1
S4	5.0000	4.9232	-.077	-1.54	4.0060	.005	1
S5	10.000	10.142	.142	1.42	8.2522	.018	1

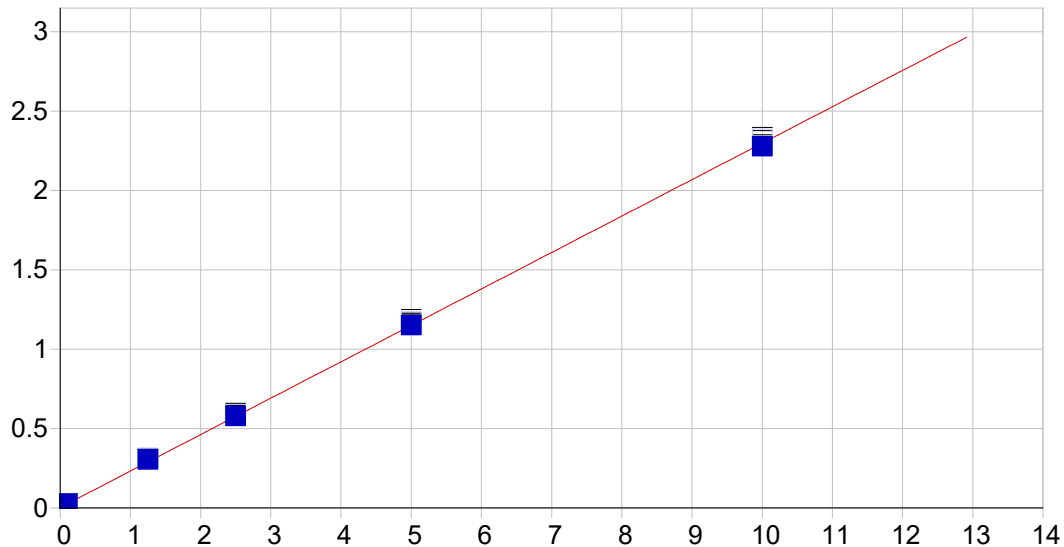


S 182.034 {485}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.256036 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.982258 Status: OK.
 Std Error of Est: 0.002597
 Predicted MDL: 0.000871
 Predicted MQL: 0.002902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00025	.000	1
S1	.10000	.01034	-.090	-89.7	.00285	.000	1
S2	1.2500	.67399	-.576	-46.1	.17274	.001	1
S3	2.5000	1.9095	-.591	-23.6	.48903	.001	1
S4	5.0000	4.8526	-.147	-2.95	1.2425	.001	1
S5	10.000	11.404	1.40	14.0	2.9196	.013	1

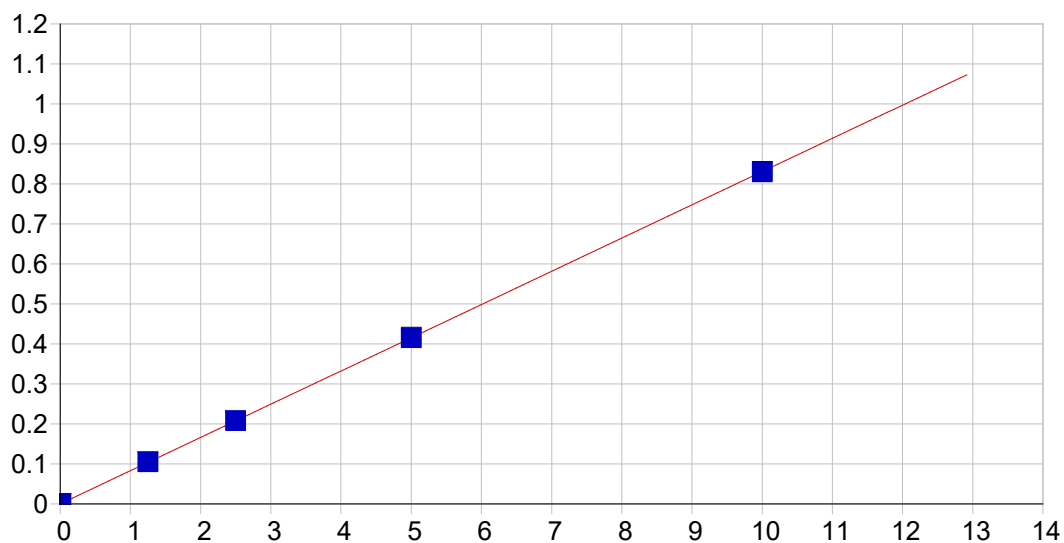


Si 251.611 {134}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002599 Re-Slope: 1.000000
 A1 (Gain): 0.229552 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000183
 Predicted MDL: 0.001596
 Predicted MQL: 0.005318

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00260	.000	1
S1	.10000	.10041	.000	.415	.02590	.000	1
S2	1.2500	1.3168	.067	5.34	.31046	.002	1
S3	2.5000	2.5093	.009	.374	.58982	.008	1
S4	5.0000	5.0042	.004	.084	1.1737	.013	1
S5	10.000	9.9193	-.081	-.807	2.3244	.010	1

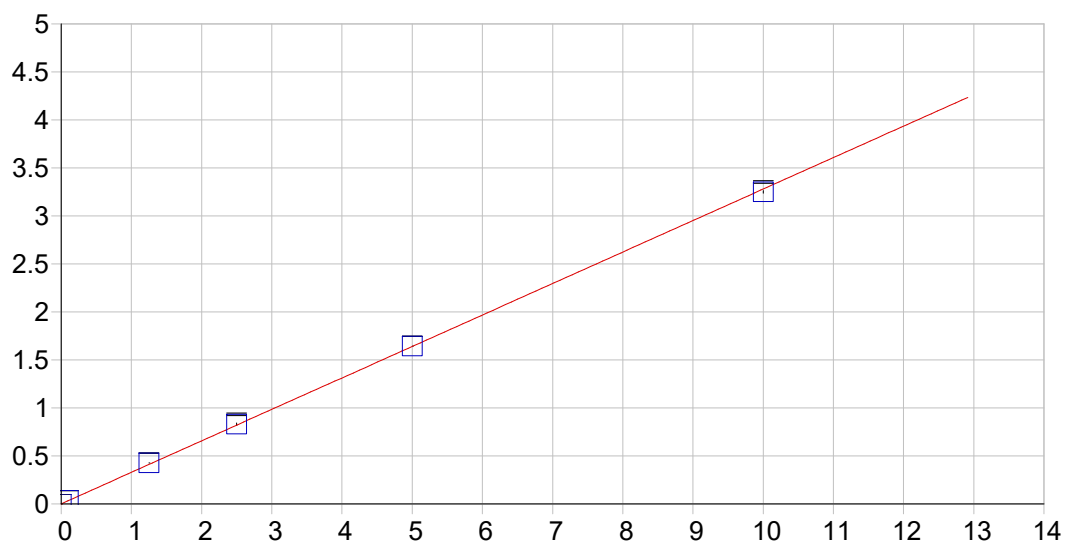


Sn 189.989 {478}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000233 Re-Slope: 1.000000
 A1 (Gain): 0.083081 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002584
 Predicted MQL: 0.008614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.00700	.00612	-.001	-12.6	.00072	.000	1
S2	1.2500	1.2595	.009	.758	.10459	.000	1
S3	2.5000	2.5044	.004	.177	.20774	.001	1
S4	5.0000	4.9947	-.005	-.106	.41407	.001	1
S5	10.000	9.9923	-.008	-.077	.82814	.001	1

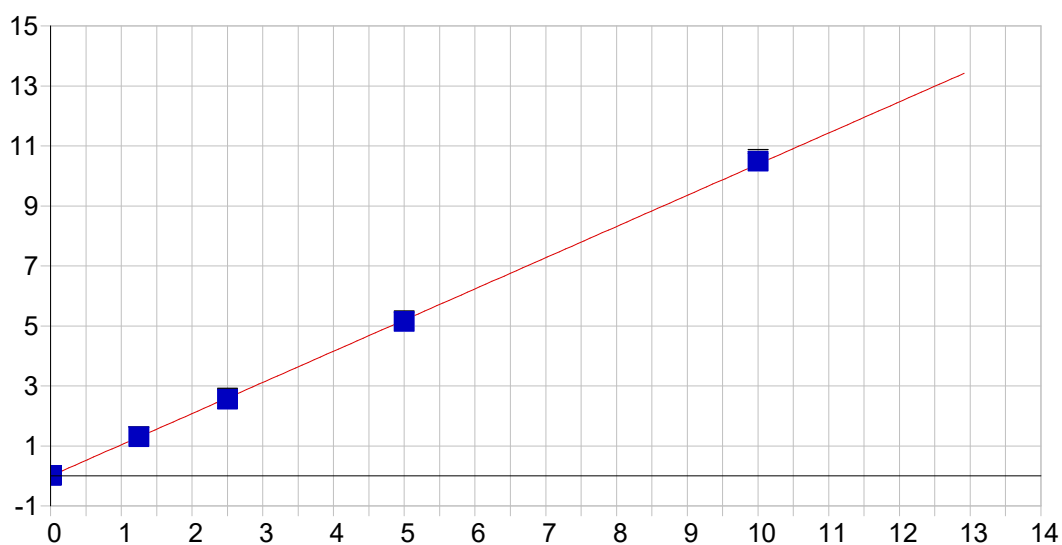


Ti 336.121 {100}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000940 Re-Slope: 1.000000
 A1 (Gain): 0.327839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.001492
 Predicted MQL: 0.004974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00094	.001	1
S1	.10000	.10444	.004	4.44	.03518	.001	1
S2	1.2500	1.2954	.045	3.64	.42564	.001	1
S3	2.5000	2.5284	.028	1.14	.82985	.015	1
S4	5.0000	5.0087	.009	.174	1.6430	.001	1
S5	10.000	9.9130	-.087	-.870	3.2508	.013	1

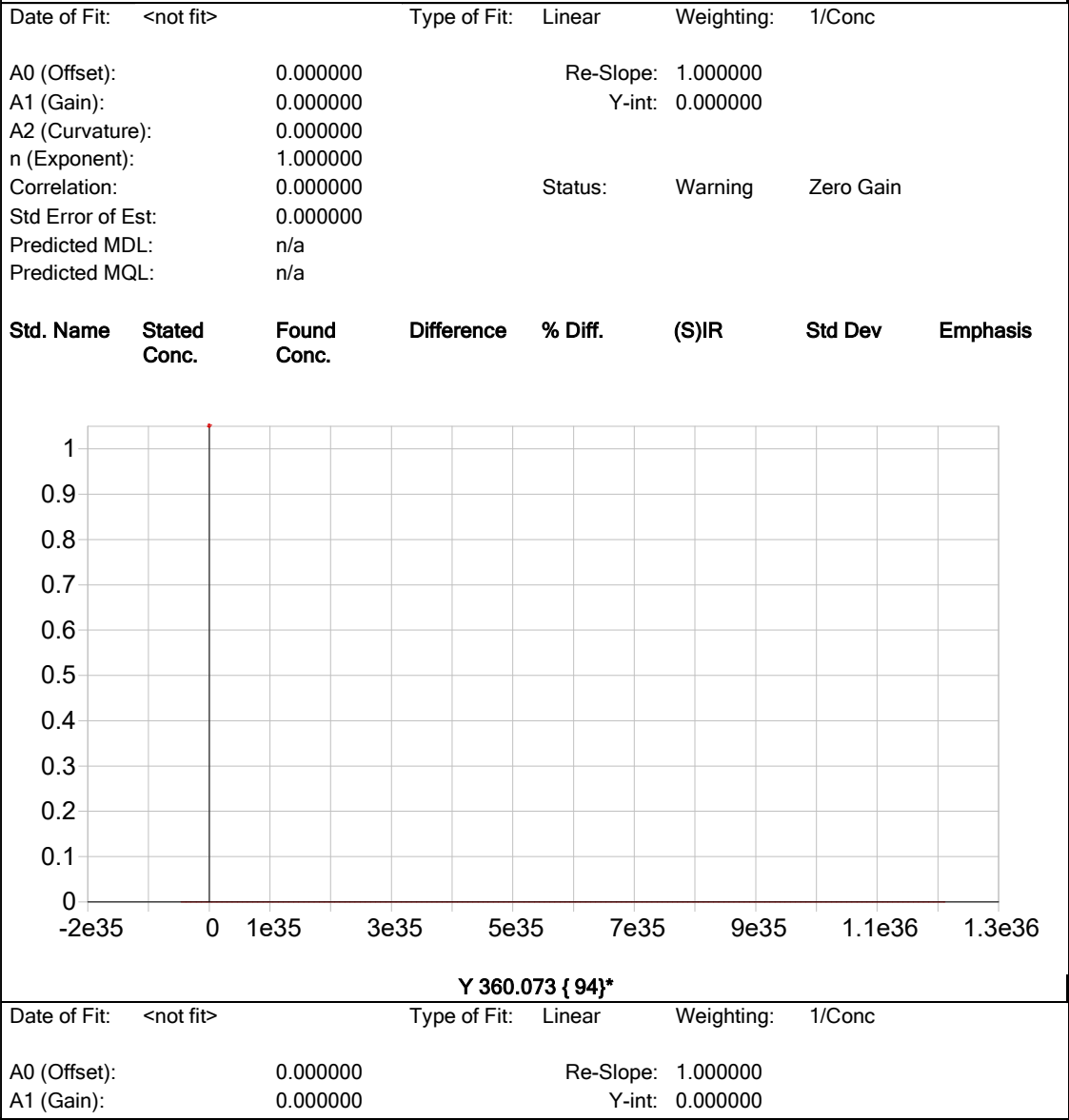
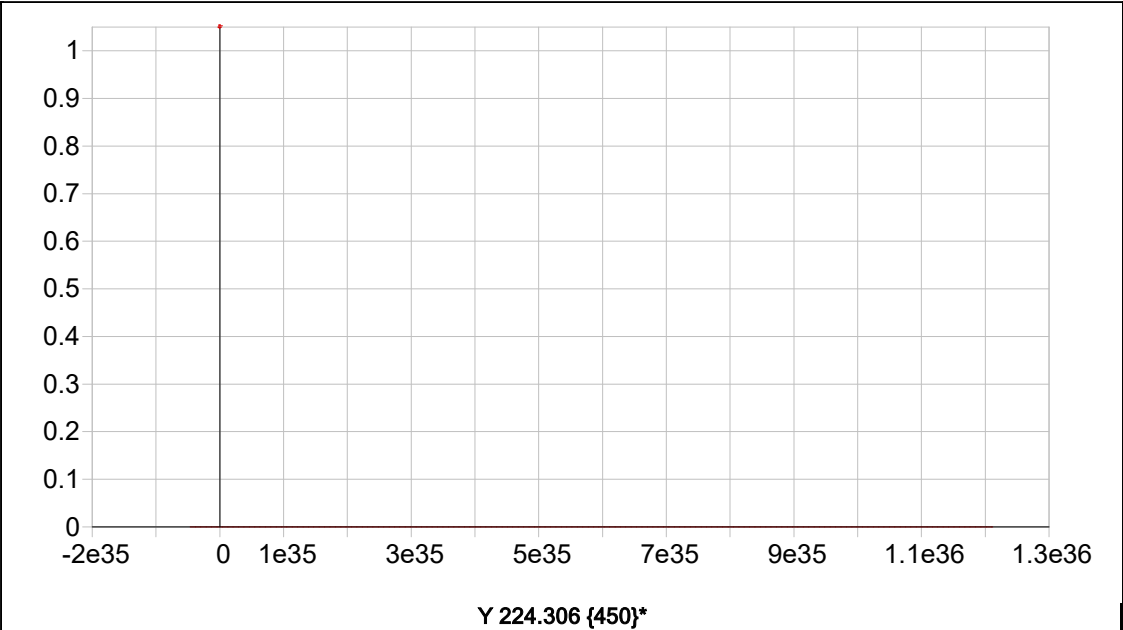


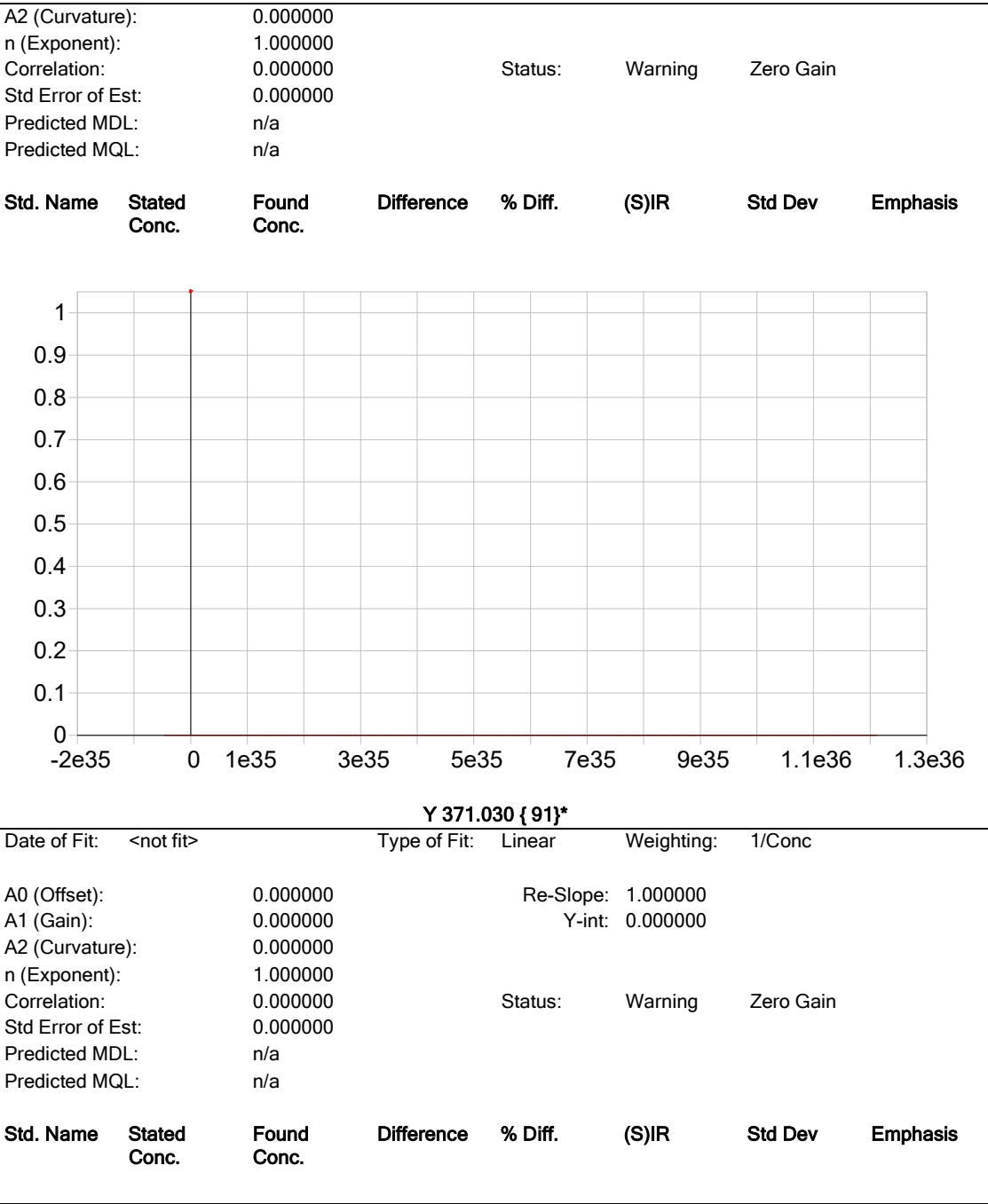
Li 670.784 { 50}

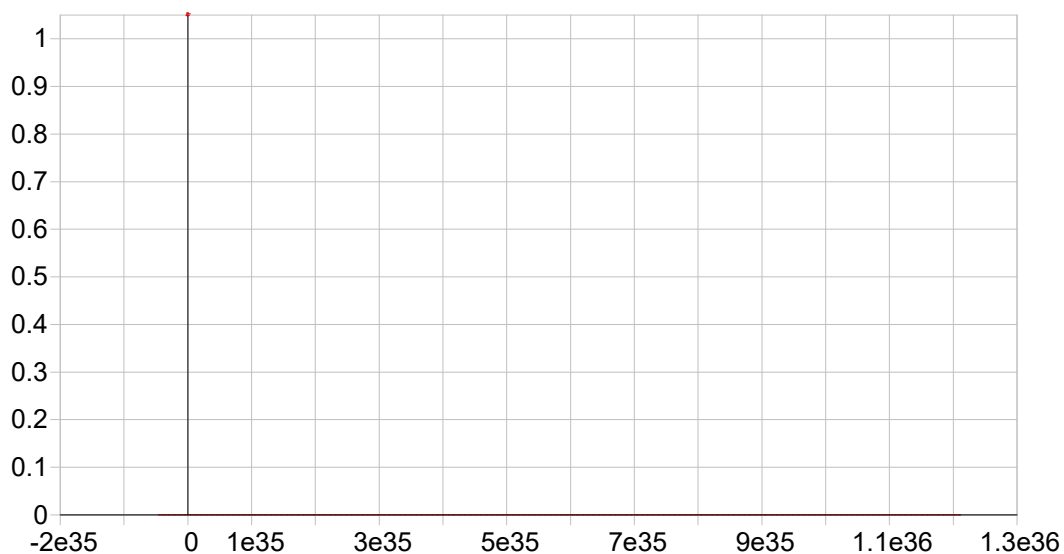
Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001605 Re-Slope: 1.000000
 A1 (Gain): 1.039270 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000227
 Predicted MDL: 0.001663
 Predicted MQL: 0.005544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00160	.001	1
S5	10.000	10.092	.092	.919	10.475	.064	1
S4	5.0000	4.9501	-.050	-.999	5.1372	.027	1
S3	2.5000	2.4572	-.043	-1.71	2.5493	.040	1
S2	1.2500	1.2516	.002	.125	1.2977	.007	1
S1	.01500	.01425	-.001	-5.02	.01312	.001	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				

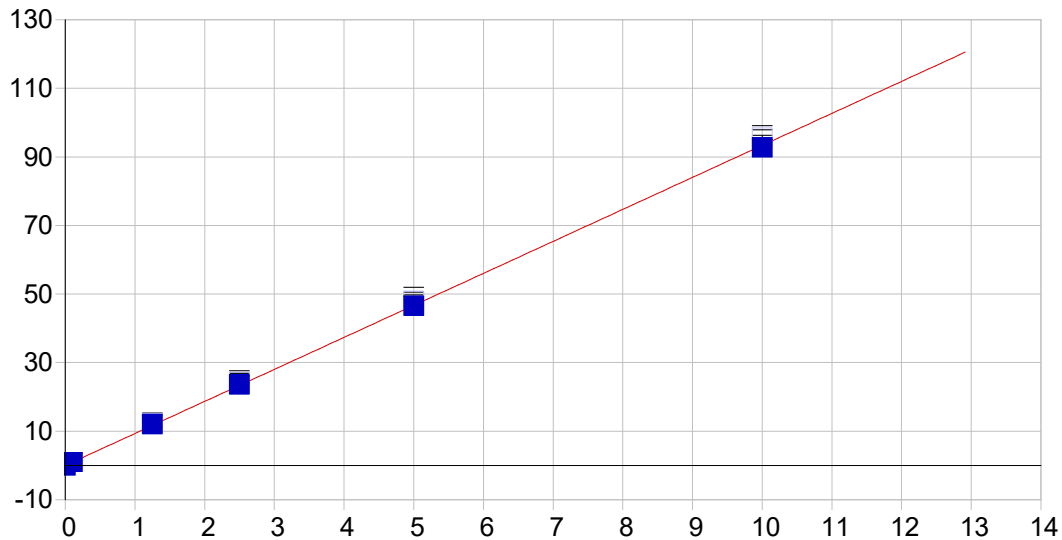
In 230.606 {446}*

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
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Sr 407.771 { 83}

Date of Fit: 11/18/2021 12:39:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000181 Re-Slope: 1.000000
 A1 (Gain): 9.334944 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.005252
 Predicted MDL: 0.000088
 Predicted MQL: 0.000295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00009	.001	1
S1	.10000	.10605	.006	6.05	.99113	.002	1
S2	1.2500	1.2841	.034	2.73	12.338	.017	1
S3	2.5000	2.5325	.032	1.30	24.341	.423	1
S4	5.0000	4.9874	-.013	-.252	47.958	1.14	1
S5	10.000	9.9401	-.060	-.599	95.591	.628	1

Sample Name: S0 Acquired: 11/18/2021 12:00:29 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00047	-.00069	-.00090	.00070	.00104	-.00168	-.00727	-.00148
Stddev	.00002	.00010	.00023	.00032	.00034	.00019	.00141	.00040
%RSD	3.7338	14.264	25.981	45.641	32.561	11.513	19.395	26.778
#1	-.00049	-.00061	-.00089	.00089	.00142	-.00147	-.00633	-.00183
#2	-.00046	-.00080	-.00114	.00033	.00095	-.00186	-.00659	-.00156
#3	-.00047	-.00067	-.00067	.00089	.00076	-.00172	-.00889	-.00105
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	.00120	.00170	-.00002	-.00047	.00144	.00036	-.00014	-.00038
Stddev	.00041	.00035	.00004	.00016	.00021	.00022	.00023	.00019
%RSD	33.673	20.449	219.38	32.757	14.857	60.063	156.73	50.907
#1	.00132	.00146	-.00007	-.00059	.00122	.00015	-.00040	-.00016
#2	.00075	.00154	.00002	-.00054	.00165	.00059	.00002	-.00048
#3	.00154	.00209	-.00002	-.00030	.00144	.00034	-.00005	-.00050
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	-.00212	-.00103	-.00204	-.00014	-.00054	.01843	-.00213	.00027
Stddev	.00058	.00008	.00138	.00023	.00065	.00172	.00008	.00013
%RSD	27.131	8.2695	67.754	163.28	119.60	9.3492	3.8007	50.016
#1	-.00148	-.00106	-.00052	-.00001	.00020	.01927	-.00204	.00037
#2	-.00259	-.00093	-.00321	-.00001	-.00086	.01645	-.00214	.00012
#3	-.00231	-.00109	-.00240	-.00041	-.00097	.01958	-.00220	.00032
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	.00027	.00025	.00260	.00023	.00094	-.00160	.00009	
Stddev	.00016	.00015	.00023	.00019	.00063	.00142	.00135	
%RSD	59.094	61.214	8.8005	82.847	67.045	88.585	1431.0	
#1	.00041	.00037	.00241	.00001	.00165	-.00312	.00017	
#2	.00029	.00008	.00253	.00035	.00067	-.00030	.00141	
#3	.00010	.00029	.00285	.00033	.00048	-.00140	-.00129	

Sample Name: S0 Acquired: 11/18/2021 12:00:29 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	904.33	37430.	6185.5	969.89	1604.0
Stddev	.72	102.	27.2	4.13	3.8
%RSD	.07924	.27350	.44052	.42618	.23677
#1	904.58	37313.	6207.6	969.89	1599.9
#2	904.89	37505.	6193.8	965.76	1607.3
#3	903.53	37472.	6155.0	974.03	1605.0

Sample Name: S1 Acquired: 11/18/2021 12:04:37 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00022	.00008	.00026	.00357	.01211	.01665	.69825	.01633
Stddev	.00019	.00017	.00035	.00053	.00017	.00076	.00347	.00056
%RSD	87.382	213.57	135.59	14.969	1.4164	4.5700	.49759	3.4367

#1	-.00022	.00006	.00056	.00308	.01214	.01593	.69482	.01615
#2	-.00041	.00026	-.00013	.00414	.01226	.01657	.70177	.01696
#3	-.00003	-.00008	.00035	.00350	.01192	.01745	.69816	.01588

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	.01481	.20669	.00122	.04031	.00519	.00318	.00508	.04911
Stddev	.00030	.00119	.00009	.00060	.00027	.00012	.00012	.00025
%RSD	2.0573	.57581	7.7041	1.4873	5.2180	3.7323	2.2819	.51591

#1	.01506	.20538	.00130	.04014	.00540	.00309	.00504	.04908
#2	.01447	.20699	.00112	.03982	.00489	.00314	.00521	.04937
#3	.01491	.20771	.00124	.04098	.00529	.00332	.00499	.04887

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	.02285	.00128	.02924	.00513	.00879	.10167	-.00184	.00309
Stddev	.00030	.00002	.00092	.00037	.00042	.00080	.00022	.00012
%RSD	1.3158	1.7043	3.1573	7.1995	4.7337	.78957	12.239	3.9020

#1	.02311	.00127	.03022	.00524	.00839	.10086	-.00161	.00323
#2	.02252	.00131	.02911	.00543	.00922	.10169	-.00185	.00302
#3	.02291	.00128	.02839	.00472	.00876	.10246	-.00206	.00302

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	.00862	.00285	.02590	.00072	.03518	.01312	.99113	
Stddev	.00041	.00023	.00016	.00017	.00061	.00120	.00241	
%RSD	4.7519	7.9443	.61382	24.089	1.7454	9.1814	.24281	

#1	.00842	.00306	.02572	.00054	.03472	.01199	.99303	
#2	.00835	.00261	.02595	.00073	.03588	.01297	.99194	
#3	.00910	.00287	.02603	.00089	.03494	.01439	.98842	

Sample Name: S1 Acquired: 11/18/2021 12:04:37 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	910.03	37430.	6235.8	977.52	1629.7
Stddev	2.23	79.	29.1	9.37	3.2
%RSD	.24501	.21139	.46710	.95847	.19462
#1	908.73	37517.	6268.9	987.19	1629.6
#2	912.61	37412.	6214.0	976.87	1632.9
#3	908.76	37362.	6224.6	968.49	1626.5

Sample Name: S2 Acquired: 11/18/2021 12:08:44 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04266	.05083	.96582	.09795	.23832	3.5636	8.9037	.44226
Stddev	.00038	.00045	.00180	.00051	.00078	.0119	.0549	.00159
%RSD	.88081	.88361	.18673	.51678	.32682	.33492	.61620	.35860

#1	.04235	.05046	.96470	.09792	.23766	3.5500	8.8556	.44136
#2	.04257	.05071	.96486	.09847	.23918	3.5723	8.9635	.44409
#3	.04308	.05133	.96790	.09746	.23813	3.5686	8.8922	.44132

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	1.6341	2.6310	.49582	.50905	.53487	1.0320	1.2964	.61820
Stddev	.0051	.0132	.00316	.00170	.00058	.0044	.0080	.00153
%RSD	.31348	.50276	.63802	.33435	.10792	.42480	.61944	.24807

#1	1.6289	2.6167	.49946	.50724	.53554	1.0274	1.2884	.61653
#2	1.6344	2.6428	.49420	.50930	.53454	1.0362	1.3045	.61955
#3	1.6391	2.6334	.49380	.51061	.53454	1.0324	1.2962	.61852

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	.38251	.06597	.23417	.06474	.63248	.65528	.18377	.30755
Stddev	.00123	.00032	.00078	.00071	.01001	.00162	.00068	.00188
%RSD	.32238	.49250	.33386	1.1024	1.5833	.24685	.37017	.61286

#1	.38130	.06618	.23331	.06417	.64369	.65341	.18312	.30623
#2	.38376	.06613	.23435	.06554	.62441	.65615	.18371	.30971
#3	.38248	.06559	.23484	.06452	.62934	.65627	.18448	.30671

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	1.0039	.17274	.31046	.10459	.42564	1.2977	12.338
Stddev	.0010	.00098	.00190	.00045	.00058	.0066	.017
%RSD	.10021	.56877	.61158	.43008	.13659	.50651	.14166

#1	1.0033	.17192	.30935	.10421	.42511	1.2907	12.358
#2	1.0034	.17246	.31265	.10447	.42626	1.3037	12.328
#3	1.0051	.17383	.30938	.10509	.42555	1.2987	12.327

Sample Name: S2 Acquired: 11/18/2021 12:08:44 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	879.55	37027.	6201.2	947.51	1551.6
Stddev	2.36	252.	17.1	12.48	.4
%RSD	.26804	.67925	.27586	1.3174	.02627
#1	876.82	36737.	6207.6	936.26	1551.6
#2	880.91	37151.	6181.8	960.94	1552.0
#3	880.90	37191.	6214.2	945.34	1551.2

Sample Name: S3 Acquired: 11/18/2021 12:12:39 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08532	.10091	1.9175	.19098	.46828	7.0453	17.440	.84586
Stddev	.00027	.00005	.0019	.00128	.00096	.1103	.275	.01405
%RSD	.31804	.05260	.10054	.67005	.20424	1.5651	1.5785	1.6614

#1	.08508	.10088	1.9163	.19245	.46775	7.0958	17.575	.85303
#2	.08526	.10088	1.9166	.19016	.46938	6.9188	17.123	.82967
#3	.08561	.10097	1.9198	.19032	.46770	7.1213	17.621	.85488

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	3.2204	5.0808	.95978	1.0204	1.0404	1.9958	2.5190	1.2182
Stddev	.0040	.0826	.00101	.0017	.0170	.0335	.0353	.0190
%RSD	.12582	1.6263	.10490	.16916	1.6334	1.6791	1.4015	1.5562

#1	3.2173	5.1087	.95999	1.0186	1.0472	2.0093	2.5336	1.2265
#2	3.2189	4.9878	.96066	1.0206	1.0211	1.9576	2.4787	1.1965
#3	3.2250	5.1458	.95868	1.0220	1.0530	2.0204	2.5446	1.2316

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	.75729	.13379	.46344	.12746	1.3101	1.2811	.52181	.60278
Stddev	.00113	.00030	.00649	.00142	.0023	.0196	.00043	.00928
%RSD	.14863	.22248	1.4014	1.1161	.17461	1.5297	.08248	1.5394

#1	.75623	.13346	.46377	.12873	1.3112	1.2897	.52202	.60606
#2	.75716	.13403	.45679	.12592	1.3116	1.2587	.52132	.59230
#3	.75847	.13388	.46977	.12772	1.3075	1.2950	.52210	.60997

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	1.9945	.48903	.58982	.20774	.82985	2.5493	24.341
Stddev	.0045	.00086	.00766	.00059	.01480	.0399	.423
%RSD	.22462	.17504	1.2981	.28520	1.7840	1.5642	1.7386

#1	1.9962	.48828	.59155	.20714	.83512	2.5678	24.521
#2	1.9895	.48884	.58144	.20833	.81314	2.5035	23.858
#3	1.9979	.48996	.59646	.20774	.84131	2.5765	24.644

Sample Name: S3 Acquired: 11/18/2021 12:12:39 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	852.26	36397.	6285.6	920.01	1491.1
Stddev	2.51	88.	87.2	2.05	.6
%RSD	.29432	.24240	1.3869	.22329	.04088
#1	849.72	36439.	6245.5	922.17	1490.6
#2	854.73	36296.	6385.6	918.07	1491.8
#3	852.34	36458.	6225.7	919.80	1491.0

Sample Name: S4 Acquired: 11/18/2021 12:16:30 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17170	.19687	3.7819	.37025	.92712	14.242	34.990	1.6687
Stddev	.00037	.00059	.0063	.00145	.00403	.022	.177	.0173
%RSD	.21480	.30111	.16708	.39222	.43421	.15519	.50470	1.0336

#1	.17129	.19672	3.7810	.36921	.92593	14.220	34.788	1.6521
#2	.17181	.19636	3.7761	.36964	.92382	14.241	35.064	1.6865
#3	.17200	.19752	3.7887	.37191	.93161	14.265	35.117	1.6675

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	6.2963	10.085	1.8524	2.0294	2.0573	3.9047	4.9851	2.4629
Stddev	.0059	.052	.0046	.0021	.0006	.0228	.0258	.0135
%RSD	.09335	.51991	.25031	.10203	.02764	.58321	.51705	.54750

#1	6.2922	10.031	1.8544	2.0279	2.0567	3.8809	4.9615	2.4499
#2	6.2936	10.135	1.8558	2.0287	2.0578	3.9263	5.0126	2.4768
#3	6.3030	10.090	1.8471	2.0318	2.0573	3.9068	4.9811	2.4619

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	1.4938	.27008	.92778	.25228	2.6301	2.5533	1.2952	1.2108
Stddev	.0027	.00141	.00210	.00131	.0388	.0042	.0041	.0147
%RSD	.17845	.52031	.22585	.52063	1.4752	.16467	.31323	1.2175

#1	1.4917	.26988	.92542	.25077	2.6467	2.5484	1.2915	1.1965
#2	1.4929	.27158	.92852	.25311	2.5858	2.5559	1.2944	1.2260
#3	1.4968	.26879	.92940	.25297	2.6578	2.5555	1.2996	1.2098

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	4.0060	1.2425	1.1737	.41407	1.6430	5.1372	47.958
Stddev	.0054	.0008	.0133	.00140	.0010	.0273	1.142
%RSD	.13497	.06679	1.1320	.33717	.06106	.53237	2.3821

#1	4.0033	1.2416	1.1632	.41248	1.6420	5.1059	47.292
#2	4.0024	1.2427	1.1887	.41509	1.6429	5.1494	49.277
#3	4.0122	1.2432	1.1692	.41463	1.6440	5.1564	47.305

Sample Name: S4 Acquired: 11/18/2021 12:16:30 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	807.00	35679.	6110.1	887.03	1412.0
Stddev	.87	158.	39.7	7.82	2.3
%RSD	.10833	.44386	.65004	.88181	.16337
#1	807.02	35497.	6141.2	886.26	1410.8
#2	807.86	35758.	6065.4	895.20	1414.6
#3	806.11	35783.	6123.7	879.61	1410.4

Sample Name: S5 Acquired: 11/18/2021 12:20:28 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.36051	.38030	7.5248	.74206	1.9075	28.996	68.722	3.2721
Stddev	.00057	.00081	.0144	.00303	.0041	.059	.554	.0152
%RSD	.15681	.21352	.19086	.40806	.21481	.20182	.80613	.46457

#1	.35989	.37954	7.5088	.74531	1.9087	29.025	68.472	3.2682
#2	.36100	.38020	7.5290	.74155	1.9108	28.929	68.338	3.2592
#3	.36064	.38116	7.5366	.73932	1.9029	29.035	69.357	3.2889

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	12.332	20.012	3.6066	4.0485	4.0857	7.6085	9.8332	4.9720
Stddev	.015	.086	.0015	.0040	.0160	.0335	.0446	.0206
%RSD	.12091	.43126	.04076	.09806	.39086	.43986	.45394	.41427

#1	12.316	20.046	3.6063	4.0441	4.0801	7.6166	9.8421	4.9690
#2	12.334	19.914	3.6053	4.0496	4.0732	7.5718	9.7848	4.9530
#3	12.345	20.076	3.6082	4.0518	4.1037	7.6372	9.8727	4.9939

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	2.9490	.55320	1.8653	.49737	5.4401	5.1536	2.8849	2.3863
Stddev	.0039	.00191	.0071	.00198	.0391	.0164	.0137	.0109
%RSD	.13187	.34469	.38099	.39767	.71811	.31734	.47458	.45615

#1	2.9470	.55517	1.8670	.49889	5.4413	5.1627	2.8716	2.3882
#2	2.9464	.55136	1.8575	.49513	5.4005	5.1347	2.8841	2.3746
#3	2.9535	.55306	1.8714	.49808	5.4786	5.1634	2.8989	2.3961

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	8.2522	2.9196	2.3244	.82814	3.2508	10.475	95.591
Stddev	.0183	.0125	.0099	.00063	.0131	.064	.628
%RSD	.22141	.42834	.42676	.07650	.40129	.60684	.65656

#1	8.2703	2.9094	2.3237	.82741	3.2555	10.533	96.078
#2	8.2525	2.9160	2.3148	.82846	3.2361	10.407	94.883
#3	8.2338	2.9336	2.3346	.82855	3.2608	10.485	95.811

Sample Name: S5 Acquired: 11/18/2021 12:20:28 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: 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	733.32	34486.	5966.3	825.94	1308.7
Stddev	1.78	151.	36.0	7.78	1.1
%RSD	.24223	.43809	.60421	.94156	.08581
#1	731.44	34326.	5942.9	820.87	1310.0
#2	733.53	34627.	6007.8	834.90	1308.5
#3	734.98	34505.	5948.3	822.06	1307.8

Sample Name: S6 Acquired: 11/18/2021 12:24:34 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77.320	32.799	20.422	8.3034	5.2028
Stddev	.882	.141	.100	.0385	.0060
%RSD	1.1401	.43092	.49174	.46349	.11472

#1	77.254	32.943	20.535	8.3419	5.2096
#2	78.234	32.794	20.386	8.3035	5.2006
#3	76.474	32.661	20.344	8.2649	5.1983

Int. Std.	Y_3710
Units	Cts/S
Avg	5878.7
Stddev	29.9
%RSD	.50930

#1	5852.9
#2	5871.8
#3	5911.5

Sample Name: ICV002 Acquired: 11/18/2021 12:29:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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	.9944816	1.062625	1.012066	1.061973	.9988829	2.407354
Stddev	.0149096	.008880	.004184	.007105	.0037505	.024101
%RSD	1.499229	.8356261	.4133970	.6690254	.3754713	1.001143

#1	1.005695	1.071463	1.007943	1.056683	.9945578	2.427139
#2	.977562	1.062708	1.016308	1.070049	1.001237	2.380512
#3	1.000187	1.053704	1.011947	1.059186	1.000854	2.414410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5229202	.5403327	.5379327	10.27563	.5655039	.5153044
Stddev	.0025651	.0079258	.0013369	.09231	.0027393	.0005372
%RSD	.4905297	1.466839	.2485280	.8983115	.4844029	.1042562

#1	.5228989	.5398176	.5364460	10.28458	.5632778	.5159240
#2	.5203659	.5326770	.5383160	10.17917	.5646708	.5149687
#3	.5254959	.5485035	.5390362	10.36313	.5685630	.5150204

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5189857	10.76672	.5157307	5.599028	.5238544	.2426857
Stddev	.0062362	.11763	.0060207	.048424	.0018384	.0008733
%RSD	1.201604	1.092553	1.167418	.8648587	.3509367	.3598461

#1	.5235779	10.83863	.5190644	5.594440	.5229403	.2427257
#2	.5118862	10.63097	.5087805	5.553062	.5259706	.2435383
#3	.5214931	10.83055	.5193472	5.649583	.5226522	.2417931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.713052	.5256998	.9366020	9.447703	F .6241517	F .0196927
Stddev	.223579	.0040410	.0124670	.024651	.0019467	.0024622
%RSD	2.301843	.7686909	1.331092	.2609177	.3118888	12.50301

#1	9.959702	.5301901	.9493174	9.475520	.6229133	.0207322
#2	9.523693	.5223558	.9360895	9.428567	.6263955	.0214647
#3	9.655761	.5245535	.9243992	9.439023	.6231464	.0168813

Sample Name: ICV002 Acquired: 11/18/2021 12:29:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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 .0003276	F -.001092	F .0073723	F .0016358	F -.001427	F .0040985
Stddev	.0004832	.000245	.0022100	.0029041	.001128	.0005792
%RSD	147.4947	22.43315	29.97669	177.5394	79.02706	14.13165
#1	.0003673	-.001236	.0096346	.0049665	-.000977	.0037425
#2	.0007897	-.001230	.0052187	.0003071	-.002710	.0047668
#3	-.000174	-.000809	.0072635	-.000366	-.000593	.0037861

Elem	Sr4077
Units	ppm
Avg	F -.009455
Stddev	.000085
%RSD	.8990822
#1	-.009485
#2	-.009359
#3	-.009520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.1601	37585.52	6309.373	975.7727	1647.762
Stddev	1.1893	90.53	75.089	7.3825	.732
%RSD	.1296683	.2408620	1.190118	.7565790	.0444257
#1	915.7899	37525.37	6279.590	974.4262	1647.047
#2	917.9245	37541.54	6394.784	969.1562	1647.729
#3	917.7659	37689.63	6253.744	983.7358	1648.510

Sample Name: ICB002 Acquired: 11/18/2021 12:41:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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	-.001255	-.004962	.0005275	.0000307	.0015578	.0026131	.0002348
Stddev	.010191	.001476	.0020171	.0015596	.0010447	.0042581	.0003080
%RSD	812.2179	29.73507	382.3964	5073.257	67.06415	162.9558	131.1582

#1	.004027	-.003315	.0021413	.0017138	.0009415	.0034729	-.000097
#2	.005212	-.006162	-.001734	-.000256	.0009678	.0063757	.000511
#3	-.013003	-.005410	.001175	-.001366	.0027640	-.002009	.000291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000066	.0000298	.0014878	.0001086	.0003415	.0010164	.0010716
Stddev	.0000326	.0000687	.0129615	.0002955	.0002758	.0012521	.0078259
%RSD	495.1534	230.5197	871.2034	272.1641	80.76297	123.1864	730.2676

#1	-.000020	-.000007	-.010710	-.000172	.0000412	.0019256	-.007598
#2	-.000003	.000109	.000076	.000081	.0005835	-.000412	.007614
#3	.000043	-.000013	.015098	.000417	.0003997	.001535	.003199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001596	.0080455	-.000018	.0005708	-.218382	.0001451	.0011078
Stddev	.0004873	.0224252	.000334	.0000461	.250863	.0002392	.0017336
%RSD	305.3435	278.7295	1868.028	8.084890	114.8737	164.8224	156.4923

#1	-.000027	-.017524	-.000192	.0006196	.040126	.0004210	-.000627
#2	-.000207	.024374	-.000230	.0005279	-.460828	.0000186	.001110
#3	.000713	.017287	.000367	.0005650	-.234444	-.000004	.002840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004976	-.000194	.0057173	.0000894	-.000038	-.001000	-.001344
Stddev	.024045	.000581	.0022101	.0002927	.000177	.000878	.000830
%RSD	483.2193	299.4851	38.65595	327.3527	465.4417	87.86498	61.77883

#1	.020051	.000211	.0044074	-.000210	-.000196	-.000437	-.000389
#2	-.007078	-.000860	.0044755	.000375	-.000071	-.000550	-.001894
#3	-.027902	.000067	.0082689	.000103	.000153	-.002012	-.001748

Sample Name: ICB002 Acquired: 11/18/2021 12:41:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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	-.000608	.0034522	-.000040
Stddev	.001546	.0012373	.000055
%RSD	254.2689	35.84067	137.2238

#1	.000220	.0020811	-.000056
#2	.000348	.0044855	.000021
#3	-.002392	.0037898	-.000086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.6908	37354.46	6242.025	976.9404	1629.672
Stddev	1.1609	176.51	53.315	12.6483	2.451
%RSD	.1266451	.4725195	.8541293	1.294680	.1503724

#1	915.4057	37263.28	6228.825	971.1903	1627.096
#2	917.0027	37242.19	6300.700	968.1886	1629.945
#3	917.6639	37557.91	6196.550	991.4421	1631.974

Sample Name: ICSA002 Acquired: 11/18/2021 12:50:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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	-.002989	-.002474	-.004004	-.002573	.0006486	246.7154
Stddev	.002889	.006219	.003008	.004698	.0022499	1.0607
%RSD	96.65833	251.3721	75.14183	182.5666	346.8719	.4299288

#1	-.002336	-.003938	-.001449	.001222	-.001940	247.8745
#2	-.000483	-.007831	-.007319	-.001115	.001757	245.7931
#3	-.006149	.004347	-.003243	-.007828	.002129	246.4786

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066538	.0009275	-.001256	254.2690	.0579780	.0002585
Stddev	.0006053	.0000271	.000084	.9714	.0004607	.0009107
%RSD	9.096534	2.926409	6.686557	.3820252	.7946428	352.3247

#1	.0072248	.0009547	-.001266	255.3857	.0583376	-.000516
#2	.0060192	.0009273	-.001167	253.8017	.0574587	.001262
#3	.0067173	.0009004	-.001334	253.6196	.0581378	.000029

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056566	104.5978	.0105531	248.5302	.0023467	-.006730
Stddev	.0027404	.4122	.0005019	.9451	.0015070	.000082
%RSD	48.44541	.3940608	4.755631	.3802770	64.21739	1.216951

#1	.0088154	105.0605	.0101782	249.6213	.0013553	-.006824
#2	.0042402	104.2698	.0111233	247.9681	.0040809	-.006672
#3	.0039143	104.4631	.0103579	248.0011	.0016040	-.006695

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029892	.0001337	.0151435	-.100245	F -.010623	F .0567920
Stddev	.1342852	.0012452	.0064519	.054074	.001296	.0014615
%RSD	130.3877	931.1784	42.60535	53.94213	12.20042	2.573423

#1	.0014561	.0015624	.0219725	-.088901	-.009195	.0563818
#2	.2552486	-.000721	.0091499	-.052743	-.011726	.0555795
#3	.0522628	-.000441	.0143082	-.159091	-.010947	.0584148

Sample Name: ICSA002 Acquired: 11/18/2021 12:50:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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	.0001573	.0002703	-.003278	.0027809	-.001025	.0024057
Stddev	.0008834	.0001091	.000913	.0013166	.001110	.0009519
%RSD	561.8066	40.35587	27.84414	47.34496	108.2916	39.56757

#1	.0010158	.0002224	-.004288	.0043000	-.000401	.0015633
#2	.0002051	.0001934	-.002512	.0019713	-.002307	.0034383
#3	-.000749	.0003951	-.003033	.0020712	-.000368	.0022154

Elem	Sr4077
Units	ppm
Avg	.0032419
Stddev	.0005904
%RSD	18.21031

#1	.0026642
#2	.0038441
#3	.0032175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	862.1138	35703.48	6104.939	923.1102	1463.122
Stddev	1.5726	144.08	34.695	12.8839	2.027
%RSD	.1824175	.4035493	.5683132	1.395701	.1385513

#1	860.9051	35860.62	6085.833	929.6641	1460.849
#2	863.8918	35577.59	6083.998	908.2669	1464.744
#3	861.5445	35672.24	6144.988	931.3994	1463.773

Sample Name: ICSAB002 Acquired: 11/18/2021 12:54:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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	.1047632	.0889615	.0462718	.0460249	.5855441	240.8127
Stddev	.0055368	.0058421	.0017887	.0128658	.0028385	.9634
%RSD	5.285017	6.567062	3.865578	27.95398	.4847694	.4000756

#1	.1093648	.0830974	.0450365	.0462041	.5879588	240.4554
#2	.1063062	.0890055	.0454561	.0588002	.5824173	240.0790
#3	.0986187	.0947815	.0483230	.0330705	.5862562	241.9038

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5113680	.5222625	1.029305	247.8695	.5897330	.5046090
Stddev	.0052117	.0040254	.003106	1.9866	.0021725	.0013141
%RSD	1.019161	.7707654	.3018004	.8014511	.3683906	.2604263

#1	.5095913	.5233957	1.025724	247.0852	.5887668	.5033890
#2	.5072770	.5177919	1.030913	246.3948	.5922210	.5044375
#3	.5172357	.5255998	1.031277	250.1285	.5882111	.5060005

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4972092	101.8096	.4969000	241.8246	1.000688	.1947604
Stddev	.0029603	.8008	.0038217	1.6776	.000312	.0004752
%RSD	.5953808	.7865502	.7691025	.6937389	.0311947	.2439906

#1	.4967019	101.2651	.4947294	241.2068	1.001045	.1943375
#2	.4945353	101.4346	.4946579	240.5436	1.000465	.1952746
#3	.5003903	102.7291	.5013127	243.7236	1.000554	.1946692

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1483914	.5033303	.9468244	-.150782	-.005764	F 1.105192
Stddev	.0850084	.0025878	.0084514	.078758	.000262	.006911
%RSD	57.28660	.5141400	.8926016	52.23313	4.544046	.6253353

#1	.2336828	.5049826	.9378893	-.063658	-.005727	1.105721
#2	.1478226	.5046603	.9478936	-.216926	-.005523	1.098032
#3	.0636689	.5003479	.9546902	-.171761	-.006043	1.111824

Sample Name: ICSAB002 Acquired: 11/18/2021 12:54:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) 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	F .9981167	.0070772	F .9942479	F 1.051948	F 1.069560	.0019406
Stddev	.0007083	.0012992	.0083315	.004180	.002736	.0000860
%RSD	.0709615	18.35810	.8379724	.3973327	.2557808	4.430552
#1	.9973659	.0068286	1.002872	1.055343	1.066877	.0018459
#2	.9982112	.0084827	.986244	1.053222	1.069459	.0020137
#3	.9987730	.0059202	.993628	1.047279	1.072345	.0019623

Elem	Sr4077
Units	ppm
Avg	.0042767
Stddev	.0011169
%RSD	26.11478
#1	.0052496
#2	.0045235
#3	.0030571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	865.5837	36027.32	6135.523	929.6103	1474.705
Stddev	1.8364	5.94	44.068	6.8031	3.891
%RSD	.2121529	.0164972	.7182439	.7318213	.2638641
#1	864.8281	36024.00	6125.424	926.2737	1474.509
#2	867.6773	36023.79	6183.764	937.4375	1478.690
#3	864.2457	36034.19	6097.381	925.1197	1470.915

Sample Name: CCV052 Acquired: 11/18/2021 12:58:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.788551	4.850344	24.54405	4.677194	4.755051	403.4048
Stddev	.027022	.022374	.02808	.018214	.010352	2.9828
%RSD	.5643060	.4612894	.1144240	.3894234	.2176997	.7394141

#1	4.761550	4.826580	24.54158	4.674906	4.746793	401.9564
#2	4.815594	4.853448	24.51729	4.660231	4.766664	401.4227
#3	4.788510	4.871004	24.57329	4.696443	4.751696	406.8352

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02233	.5013827	2.482304	402.7892	15.19597	2.510094
Stddev	.06979	.0064916	.006711	2.9181	.02031	.005443
%RSD	.6963275	1.294747	.2703518	.7244620	.1336220	.2168257

#1	9.98812	.5021810	2.478271	401.6667	15.17357	2.505996
#2	9.97626	.4945289	2.478591	400.5991	15.20117	2.508016
#3	10.10263	.5074383	2.490051	406.1018	15.21317	2.516269

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.09762	407.7107	14.96276	400.2269	2.451620	1.237220
Stddev	.12462	2.8104	.11082	3.0716	.006642	.006766
%RSD	.8254425	.6893085	.7406297	.7674656	.2709170	.5468617

#1	15.03459	406.0992	14.90388	398.1123	2.446845	1.243453
#2	15.01711	406.0771	14.89381	398.8182	2.448810	1.238182
#3	15.24117	410.9558	15.09059	403.7502	2.459205	1.230025

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.0636	2.480876	15.33230	152.6000	F 5.619904	5.084686
Stddev	1.9759	.020313	.15871	1.1736	.016917	.059699
%RSD	.4963684	.8187756	1.035162	.7690640	.3010227	1.174093

#1	397.1674	2.467550	15.16272	152.6574	5.604722	5.106912
#2	396.6946	2.470822	15.47728	151.3988	5.616849	5.017062
#3	400.3287	2.504255	15.35689	153.7438	5.638140	5.130084

Sample Name: CCV052 Acquired: 11/18/2021 12:58:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825668	F 5.562175	4.999036	4.962663	5.011705	4.979492
Stddev	.012602	.024959	.067805	.020457	.023483	.032740
%RSD	.2611366	.4487254	1.356367	.4122195	.4685643	.6575067
#1	4.814063	5.541333	5.002147	4.945526	4.993980	4.964634
#2	4.839073	5.555357	4.929729	4.957151	5.002797	4.956815
#3	4.823868	5.589834	5.065232	4.985311	5.038339	5.017027

Elem	Sr4077
Units	ppm
Avg	4.841380
Stddev	.036547
%RSD	.7548842
#1	4.835007
#2	4.808439
#3	4.880694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	785.3228	34688.53	5964.560	851.9465	1339.207
Stddev	1.3257	92.34	69.525	6.1723	1.819
%RSD	.1688036	.2661994	1.165639	.7244889	.1358533
#1	785.4389	34643.35	5964.956	858.6946	1338.393
#2	783.9429	34627.47	6033.887	850.5587	1341.291
#3	786.5865	34794.76	5894.838	846.5864	1337.937

Sample Name: CCB052 Acquired: 11/18/2021 13:15:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006637	-.004373	.0042034	-.000455	-.001021	.0022222	-.000179
Stddev	.008021	.004158	.0006821	.001553	.003074	.0008457	.000195
%RSD	120.8570	95.08409	16.22691	341.4718	301.1469	38.05715	109.2575

#1	.002510	-.008650	.0049377	.001261	-.000209	.0012853	.000008
#2	-.012472	-.000345	.0040829	-.000862	.001566	.0029292	-.000381
#3	-.009949	-.004124	.0035896	-.001764	-.004419	.0024520	-.000163

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000110	-.000041	-.001702	-.000238	.0001892	.0007806	.0045989
Stddev	.0001144	.000114	.017628	.000223	.0004245	.0010647	.0044772
%RSD	1045.258	277.9540	1035.428	93.70438	224.3944	136.3998	97.35280

#1	-.000091	-.000084	-.015251	-.000282	-.000054	.0001502	.0003187
#2	-.000011	-.000126	.018227	.000004	.000679	.0001817	.0092499
#3	.000135	.000088	-.008083	-.000436	-.000058	.0020099	.0042281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003162	.0215498	-.000301	.0002784	.1224361	-.001368	-.000116
Stddev	.0002588	.0150925	.000133	.0000190	.1041462	.003106	.002556
%RSD	81.84448	70.03569	44.36994	6.808346	85.06170	226.9994	2203.994

#1	.0004176	.0274170	-.000295	.0002891	.2426385	-.003137	.001686
#2	.0005090	.0328277	-.000437	.0002896	.0654907	.002218	.001007
#3	.0000221	.0044047	-.000170	.0002565	.0591790	-.003186	-.003041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088220	-.000513	.0051019	.0000920	-.000815	-.001561	-.002476
Stddev	.103614	.000692	.0010838	.0007253	.000878	.001324	.002203
%RSD	117.4490	135.0404	21.24203	787.9955	107.7382	84.81743	88.96971

#1	-.166267	-.001152	.0038507	.0006568	-.001555	-.002906	.000045
#2	-.127730	.000223	.0057089	-.000726	.000155	-.001516	-.003443
#3	.029336	-.000609	.0057461	.000345	-.001046	-.000260	-.004032

Sample Name: CCB052 Acquired: 11/18/2021 13:15:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000016	.0029614	-.000134
Stddev	.000902	.0016043	.000101
%RSD	5506.296	54.17290	74.86211

#1	.000107	.0012072	-.000110
#2	-.000974	.0043541	-.000245
#3	.000818	.0033229	-.000048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	921.5197	37552.00	6251.608	982.5048	1634.204
Stddev	.3557	37.95	22.976	9.4986	1.417
%RSD	.0386040	.1010567	.3675257	.9667780	.0867203

#1	921.1657	37512.31	6243.675	972.9129	1632.568
#2	921.8772	37555.78	6277.500	982.6942	1635.011
#3	921.5161	37587.92	6233.650	991.9074	1635.034

Sample Name: PB140797BL Acquired: 11/18/2021 13:19:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW797 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030144	.0001070	.0028440	.0007994	.0001989	.0019703	.0001659
Stddev	.0080165	.0049896	.0030385	.0040747	.0020128	.0072920	.0002126
%RSD	265.9368	4663.701	106.8364	509.7099	1012.090	370.0938	128.1549

#1	-.000375	.0058671	.0003416	-.003408	.0014832	-.001729	.0003893
#2	-.002751	-.002882	.0062249	.001079	-.002121	.010371	.0001423
#3	.012169	-.002665	.0019656	.004727	.001234	-.002731	-.000034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000698	-.000002	-.004839	.0000094	.0001782	.0001941	.0001395
Stddev	.0000472	.000143	.013834	.0004844	.0002729	.0031941	.0066719
%RSD	67.57591	6940.387	285.8990	5139.426	153.1248	1646.040	4782.700

#1	.0000870	.000102	-.020416	-.000438	-.000074	-.001546	-.007466
#2	.0000164	.000056	-.000113	.000524	.000141	.003880	.002876
#3	.0001059	-.000165	.006013	-.000057	.000468	-.001752	.005008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000445	.0221024	-.000443	.0002747	-.016358	-.003113	-.001596
Stddev	.0002694	.0505999	.000269	.0001877	.179709	.001695	.001824
%RSD	605.6900	228.9343	60.74352	68.31577	1098.580	54.44398	114.2800

#1	.0001188	.0710435	-.000134	.0004079	.143467	-.001446	-.000379
#2	.0002690	.0252709	-.000566	.0000601	-.210890	-.003058	-.003694
#3	-.000254	-.030007	-.000628	.0003561	.018348	-.004835	-.000716

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374534	-.000291	.0041925	-.000014	-.000338	.0003912	-.001818
Stddev	.0451902	.000539	.0007577	.000465	.000531	.0005094	.001435
%RSD	120.6571	184.9432	18.07302	3222.853	156.9164	130.2313	78.93098

#1	.0243446	.000329	.0040712	.000498	-.000051	-.000113	-.001731
#2	.0877488	-.000562	.0050036	-.000131	-.000951	.000905	-.000429
#3	.0002668	-.000641	.0035028	-.000410	-.000013	.000382	-.003295

Sample Name: PB140797BL Acquired: 11/18/2021 13:19:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW797 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000616	.0002069	.0000296
Stddev	.000775	.0012088	.0000428
%RSD	125.7685	584.1071	144.4941

#1	-.001477	.0010775	.0000221
#2	-.000395	.0007166	-.000009
#3	.000024	-.001173	.000076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.2489	37691.60	6191.025	991.2101	1638.551
Stddev	1.6835	187.88	19.896	12.1876	2.841
%RSD	.1823445	.4984579	.3213699	1.229563	.1733981

#1	925.1630	37875.57	6168.200	1004.144	1641.722
#2	921.9980	37500.05	6200.175	989.546	1637.693
#3	922.5858	37699.18	6204.700	979.940	1636.238

Sample Name: M4608-01 Acquired: 11/18/2021 13:27:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FIELD-BLANK- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008682	.0028819	.0025060	-.003822	-.003057	.0019582	.0004670
Stddev	.006936	.0032490	.0011570	.006204	.003247	.0058780	.0003310
%RSD	79.89062	112.7376	46.16819	162.3251	106.2440	300.1695	70.88568

#1	-.002126	.0064311	.0020595	-.010610	-.006728	.0068881	.0002934
#2	-.007977	.0000546	.0038197	.001555	-.000562	.0035335	.0008487
#3	-.015945	.0021599	.0016388	-.002411	-.001880	-.004547	.0002588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000557	-.000165	-.011888	.0003138	.0005367	-.000172	-.001408
Stddev	.0000502	.000113	.022294	.0002028	.0001032	.001432	.004249
%RSD	90.07508	68.53302	187.5340	64.63420	19.22441	831.1123	301.7841

#1	.0000721	-.000260	.013514	.0002072	.0006253	-.001222	.001805
#2	-.000001	-.000040	-.020975	.0005477	.0005613	-.000754	-.006225
#3	.000096	-.000195	-.028204	.0001865	.0004234	.001459	.000196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0255345	.0012888	.0001881	.1213972	-.000826	.0131930
Stddev	.000669	.0163900	.0005518	.0007860	.1282404	.001178	.0062356
%RSD	2511.615	64.18748	42.81596	417.7700	105.6370	142.6389	47.26484

#1	-.000518	.0372611	.0007096	.0006116	.1912933	-.001770	.0074266
#2	.000735	.0325357	.0018083	.0006715	.1995045	.000494	.0123419
#3	-.000297	.0068067	.0013485	-.000719	-.026606	-.001201	.0198105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.975200	.0008659	.0010165	-.000118	.0113962	.0056556	-.001959
Stddev	.032210	.0008295	.0019201	.000511	.0006846	.0009032	.000864
%RSD	3.302932	95.79752	188.8926	434.9123	6.006877	15.96997	44.11470

#1	-.954342	.0002817	.0007551	.000408	.0106192	.0057459	-.001614
#2	-1.01230	.0005007	.0030540	-.000614	.0116590	.0047107	-.002943
#3	-.95896	.0018154	-.000759	-.000147	.0119104	.0065103	-.001321

Sample Name: M4608-01 Acquired: 11/18/2021 13:27:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FIELD-BLANK- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006924	-.005734	.0000340
Stddev	.0010490	.001312	.0000370
%RSD	151.5086	22.88044	108.6111

#1	-.000389	-.006844	.0000658
#2	.001705	-.004286	.0000428
#3	.000762	-.006072	-.000007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	993.6031	40200.23	6502.933	1071.366	1743.511
Stddev	7.9729	166.32	19.967	.716	12.240
%RSD	.8024189	.4137267	.3070438	.0667887	.7020031

#1	999.1554	40355.55	6525.925	1071.949	1751.473
#2	997.1866	40024.75	6489.950	1070.568	1749.644
#3	984.4673	40220.38	6492.925	1071.582	1729.418

Sample Name: M4608-03 Acquired: 11/18/2021 13:31:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-6-2021110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005419	.0027522	.0013483	-.003069	-.003083	-.000848	.0768247
Stddev	.006474	.0006087	.0007636	.003245	.002511	.012014	.0007063
%RSD	119.4642	22.11591	56.63593	105.7253	81.44412	1417.141	.9193800

#1	.001512	.0021475	.0018300	.000678	-.003128	-.005976	.0762079
#2	-.006459	.0033648	.0017469	-.004914	-.000550	.012879	.0775953
#3	-.011310	.0027442	.0004678	-.004971	-.005572	-.009446	.0766711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001635	-.000086	26.70372	.0006447	-.000859	.0040506	.3595924
Stddev	.0000501	.000060	.06335	.0003125	.000485	.0014899	.0063132
%RSD	30.63271	70.15041	.2372266	48.47520	56.44949	36.78276	1.755654

#1	.0001583	-.000131	26.67867	.0009838	-.000589	.0057552	.3598777
#2	.0001163	-.000017	26.65673	.0005822	-.000570	.0029968	.3531415
#3	.0002160	-.000110	26.77577	.0003682	-.001419	.0033999	.3657582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189462	9.669871	.0073143	.0002351	15.20575	-.001714	1.273250
Stddev	.0006010	.044671	.0005549	.0005503	.17690	.002304	.010686
%RSD	3.172356	.4619588	7.586334	234.0578	1.163380	134.4165	.8392614

#1	.0188869	9.673278	.0075682	.0008218	15.02157	-.004332	1.275959
#2	.0183770	9.623595	.0066779	.0001529	15.22134	-.000818	1.282321
#3	.0195747	9.712741	.0076969	-.000269	15.37434	.000007	1.261470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1421509	-.000117	.0710271	.0004226	1.003535	4.495531	-.000551
Stddev	.0325827	.000215	.0014899	.0006613	.003911	.051475	.001513
%RSD	22.92122	183.5967	2.097617	156.4752	.3897418	1.145031	274.6133

#1	.1661388	-.000275	.0695807	.0004277	1.007933	4.436127	.001195
#2	.1552581	.000128	.0709436	-.000241	1.002229	4.523480	-.001368
#3	.1050558	-.000204	.0725570	.001081	1.000445	4.526985	-.001480

Sample Name: M4608-03 Acquired: 11/18/2021 13:31:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-6-2021110 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000848	-.004318	.3275558
Stddev	.0008724	.001049	.0004840
%RSD	1028.616	24.29379	.1477652

#1	-.000466	-.003676	.3273120
#2	.001091	-.003750	.3272422
#3	-.000371	-.005528	.3281133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	963.9509	39302.37	6464.150	1037.749	1713.974
Stddev	2.3150	36.64	35.973	4.069	4.950
%RSD	.2401533	.0932248	.5564946	.3920515	.2888190

#1	961.9665	39260.69	6505.174	1033.210	1708.341
#2	966.4941	39316.93	6449.277	1041.067	1717.633
#3	963.3921	39329.49	6437.999	1038.970	1715.948

Sample Name: M4608-06 Acquired: 11/18/2021 13:35:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3DD-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006748	-.000780	.0023354	-.001218	-.004775	-.004226	.0017514
Stddev	.008786	.004596	.0004051	.004507	.003031	.006300	.0005154
%RSD	130.1983	589.2486	17.34369	369.9108	63.46967	149.0869	29.42664

#1	-.011755	.003573	.0027491	.001968	-.004835	-.007183	.0020191
#2	.003397	-.005586	.0019396	.000751	-.007775	.003009	.0011573
#3	-.011887	-.000328	.0023176	-.006374	-.001714	-.008503	.0020779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000982	-.000143	1.630790	.0009700	.0000523	.0006503	.0194140
Stddev	.0000343	.000086	.010350	.0005714	.0004227	.0030359	.0058767
%RSD	34.91627	59.70961	.6346818	58.90672	808.1789	466.8372	30.27060

#1	.0001147	-.000117	1.637449	.0011167	-.000270	-.001319	.0250949
#2	.0000588	-.000074	1.636056	.0003396	.000531	.004147	.0197879
#3	.0001212	-.000239	1.618866	.0014538	-.000104	-.000876	.0133593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018012	.6621063	.0036354	.0001610	3.624744	.0010225	.0182011
Stddev	.0008536	.0355034	.0006789	.0002599	.054036	.0018601	.0051072
%RSD	47.38740	5.362189	18.67376	161.4476	1.490759	181.9281	28.05980

#1	.0009888	.6281803	.0033253	.0001241	3.674743	.0030393	.0134610
#2	.0026907	.6990007	.0044140	-.000079	3.632069	.0006538	.0175328
#3	.0017243	.6591377	.0031670	.000437	3.567419	-.000626	.0236095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.425296	-.000194	.0059261	-.000076	.0129269	4.700151	-.001170
Stddev	.029667	.000227	.0002604	.000520	.0003159	.007668	.000497
%RSD	6.975699	116.8393	4.393865	680.6613	2.444009	.1631395	42.51710

#1	-.416534	-.000410	.0058885	-.000637	.0125868	4.708452	-.000906
#2	-.458357	.000042	.0062032	.000018	.0129826	4.698668	-.001744
#3	-.400996	-.000215	.0056866	.000390	.0132113	4.693333	-.000860

Sample Name: M4608-06 Acquired: 11/18/2021 13:35:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-3DD-20211 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003314	-.005139	.0066474
Stddev	.0006262	.000792	.0000322
%RSD	188.9636	15.41218	.4849506

#1	.0001982	-.005894	.0066784
#2	-.000218	-.005210	.0066140
#3	.001013	-.004314	.0066499

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	975.1308	39608.33	6522.492	1043.012	1728.212
Stddev	2.1281	93.46	20.028	2.275	2.004
%RSD	.2182410	.2359594	.3070632	.2181233	.1159755

#1	975.5349	39626.57	6499.475	1043.012	1726.725
#2	977.0280	39691.33	6535.950	1045.287	1730.491
#3	972.8296	39507.10	6532.050	1040.737	1727.419

Sample Name: M4641-02 Acquired: 11/18/2021 13:40:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3D-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156327	.0045167	.0023010	-.005288	-.003881	-.004838	.2269139
Stddev	.0185138	.0023898	.0028800	.005095	.005104	.002011	.0026533
%RSD	118.4305	52.91016	125.1592	96.36655	131.5063	41.57058	1.169305

#1	.0238826	.0059504	.0015317	-.009257	-.009667	-.005697	.2297663
#2	-.005572	.0058418	.0054875	.000458	-.000014	-.006278	.2245192
#3	.028587	.0017579	-.000116	-.007064	-.001963	-.002540	.2264561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004116	-.000469	54.57167	.0012149	.0210325	-.001077	29.27825
Stddev	.0000990	.000144	.60221	.0005912	.0001300	.001538	.31342
%RSD	24.05671	30.70747	1.103516	48.65664	.6182849	142.8674	1.070482

#1	.0003011	-.000414	55.19695	.0005821	.0211815	-.002834	29.61118
#2	.0004923	-.000360	53.99555	.0013098	.0209422	-.000422	28.98890
#3	.0004413	-.000632	54.52253	.0017529	.0209736	.000026	29.23468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.380505	16.74493	.0031407	-.001445	356.2311	-.000691	.0245256
Stddev	.015999	.20039	.0005156	.000155	3.6170	.003760	.0089607
%RSD	1.158957	1.196742	16.41556	10.72949	1.015351	544.0097	36.53605

#1	1.395953	16.96675	.0028754	-.001351	360.1400	.003470	.0263109
#2	1.364006	16.57699	.0037349	-.001361	353.0027	-.001699	.0324591
#3	1.381556	16.69104	.0028118	-.001624	355.5505	-.003844	.0148066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.95474	-.002757	.4377617	-.000012	1.786880	3.931510	-.000025
Stddev	.06762	.000942	.0010851	.000316	.005565	.015802	.001172
%RSD	.2822978	34.16287	.2478691	2682.536	.3114204	.4019377	4613.621

#1	24.03076	-.002840	.4388470	-.000207	1.789208	3.946222	-.000704
#2	23.90127	-.001776	.4377613	.000353	1.780529	3.914807	-.000700
#3	23.93221	-.003654	.4366768	-.000181	1.790903	3.933502	.001328

Sample Name: M4641-02 Acquired: 11/18/2021 13:40:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3D-202111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001330	-.004111	.5988239
Stddev	.000340	.001416	.0010517
%RSD	25.53672	34.45369	.1756279

#1	-.001722	-.005673	.5994210
#2	-.001143	-.002911	.5976095
#3	-.001125	-.003748	.5994411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	933.5369	37844.24	6436.907	1002.256	1580.133
Stddev	1.2262	175.82	44.691	5.866	1.610
%RSD	.1313542	.4645944	.6942981	.5852684	.1019196

#1	932.7563	37739.63	6396.092	996.486	1579.141
#2	934.9502	38047.23	6484.662	1008.214	1581.991
#3	932.9041	37745.86	6429.967	1002.068	1579.268

Sample Name: M4676-01 Acquired: 11/18/2021 13:44:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004780	-.001353	.0021796	-.000712	-.002546	.0363537	.0723849
Stddev	.006123	.004955	.0011098	.005856	.001621	.0046759	.0006474
%RSD	128.0806	366.2963	50.91761	822.5461	63.68075	12.86234	.8943410

#1	-.002387	.001718	.0009015	.002651	-.002147	.0387762	.0729305
#2	-.011738	-.007069	.0027376	-.007473	-.004330	.0309635	.0716696
#3	-.000216	.001292	.0028997	.002686	-.001161	.0393213	.0725545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000769	-.000128	20.62861	.0010374	-.000388	-.000408	.3662716
Stddev	.0000376	.000142	.20147	.0005305	.000151	.001783	.0154358
%RSD	48.86196	111.3196	.9766673	51.13758	38.95618	437.4543	4.214306

#1	.0001204	-.000019	20.85212	.0016380	-.000372	-.002385	.3739749
#2	.0000556	-.000289	20.46097	.0006324	-.000547	.001076	.3485003
#3	.0000549	-.000075	20.57275	.0008420	-.000246	.000086	.3763397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4808388	5.369596	.0017671	.0005095	155.6863	-.000246	.0171597
Stddev	.0046057	.054961	.0000385	.0004186	.9391	.002853	.0026556
%RSD	.9578518	1.023567	2.180751	82.15605	.6032014	1161.245	15.47592

#1	.4860088	5.432843	.0018056	.0002260	156.7697	.002042	.0143332
#2	.4771740	5.342519	.0017285	.0003122	155.1052	.000663	.0196027
#3	.4793337	5.333427	.0017672	.0009903	155.1840	-.003442	.0175431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.355852	-.000266	.0900897	.0000339	.3588649	3.845284	-.003593
Stddev	.076286	.000515	.0006801	.0004198	.0012015	.042084	.001924
%RSD	1.424344	193.6146	.7549024	1238.272	.3348124	1.094433	53.54712

#1	5.443771	-.000805	.0907665	-.000343	.3579677	3.892786	-.003996
#2	5.316617	.000221	.0900964	-.000041	.3602300	3.812658	-.001500
#3	5.307169	-.000215	.0894064	.000486	.3583970	3.830409	-.005284

Sample Name: M4676-01 Acquired: 11/18/2021 13:44:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010444	-.005335	.1827059
Stddev	.0004856	.000902	.0007252
%RSD	46.49372	16.90151	.3969197

#1	.0010761	-.004410	.1834501
#2	.0005438	-.005384	.1820014
#3	.0015134	-.006212	.1826660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	948.7581	38432.61	6443.725	1015.471	1657.419
Stddev	5.1902	147.03	54.687	11.139	6.218
%RSD	.5470550	.3825544	.8486892	1.096951	.3751366

#1	953.2588	38559.93	6381.075	1011.787	1660.871
#2	949.9351	38271.70	6481.900	1006.641	1661.145
#3	943.0805	38466.20	6468.200	1027.986	1650.241

Sample Name: M4676-04 Acquired: 11/18/2021 13:52:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: M4676-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002430	.0091112	.0031842	-.000526	-.002830	.0617973	.0736806
Stddev	.003106	.0050814	.0010686	.001454	.000631	.0066187	.0007185
%RSD	127.8349	55.77016	33.56015	276.2725	22.30744	10.71035	.9752039

#1	-.006012	.0146760	.0023401	.000994	-.002667	.0608960	.0731929
#2	-.000491	.0079397	.0028268	-.001903	-.002295	.0688205	.0745057
#3	-.000785	.0047180	.0043857	-.000669	-.003526	.0556755	.0733431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001242	-.000130	20.70614	.0016615	-.000457	.0000570	.5539146
Stddev	.0000512	.000110	.09289	.0001473	.000186	.0004815	.0032847
%RSD	41.19750	84.70476	.4486281	8.866599	40.59084	844.4911	.5929922

#1	.0001417	-.000253	20.60033	.0018161	-.000362	.0003614	.5505616
#2	.0000665	-.000101	20.77430	.0016456	-.000338	-.000498	.5540559
#3	.0001642	-.000037	20.74378	.0015228	-.000671	.000308	.5571264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4966961	5.407351	.0025307	.0002635	156.0042	.0007645	.0163135
Stddev	.0043165	.006011	.0002877	.0001314	.2666	.0042232	.0063360
%RSD	.8690393	.1111704	11.36718	49.87333	.1708899	552.3925	38.83887

#1	.4917183	5.402142	.0028293	.0002198	156.0082	-.003830	.0236124
#2	.4989649	5.405982	.0025074	.0004112	156.2688	.004477	.0122279
#3	.4994050	5.413929	.0022554	.0001595	155.7357	.001646	.0131003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.335103	.0001038	.0888542	.0000861	.3591122	3.902192	-.001884
Stddev	.067693	.0001279	.0018250	.0005440	.0024199	.022909	.000842
%RSD	1.268816	123.2127	2.053947	631.8423	.6738587	.5870739	44.70074

#1	5.257757	.0002438	.0887504	.0000337	.3587854	3.896328	-.002512
#2	5.383549	-.000007	.0870834	.0006544	.3568723	3.882785	-.000927
#3	5.364002	.000075	.0907290	-.000430	.3616789	3.927463	-.002214

Sample Name: M4676-04 Acquired: 11/18/2021 13:52:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: M4676-01MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017570	-.005530	.1827987
Stddev	.0008076	.000478	.0004266
%RSD	45.96155	8.646228	.2333789

#1	.0021664	-.005546	.1824601
#2	.0008268	-.005044	.1826581
#3	.0022779	-.006000	.1832778

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	946.7457	38483.60	6427.417	1013.221	1650.772
Stddev	1.6428	92.25	7.985	3.297	2.830
%RSD	.1735228	.2397068	.1242286	.3254460	.1714652

#1	945.1793	38590.09	6434.550	1014.230	1647.834
#2	948.4555	38432.62	6428.909	1009.537	1653.481
#3	946.6022	38428.09	6418.791	1015.896	1651.000

Sample Name: M4676-01LX5 Acquired: 11/18/2021 13:56:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001229	.0019981	.0023707	.0055177	.0007008	.0096447	.0146628
Stddev	.010314	.0066103	.0018447	.0009704	.0007577	.0014632	.0004584
%RSD	838.9002	330.8287	77.80994	17.58653	108.1138	15.17083	3.126495

#1	.002494	.0065635	.0044968	.0044695	-.000114	.0094626	.0145773
#2	.006705	-.005582	.0014207	.0063846	.000832	.0082811	.0151580
#3	-.012888	.005013	.0011947	.0056991	.001384	.0111904	.0142532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000400	-.000132	3.964321	.0003675	.0000072	.0010549	.0877853
Stddev	.0000963	.000113	.016144	.0002183	.0001634	.0009042	.0060114
%RSD	240.9485	85.46997	.4072213	59.39576	2280.934	85.71118	6.847902

#1	-.000043	-.000158	3.955901	.0002524	.0001633	.0000128	.0945417
#2	.000018	-.000230	3.982934	.0002309	.0000210	.0015207	.0830284
#3	.000145	-.000008	3.954127	.0006193	-.000163	.0016312	.0857857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935409	1.054994	.0009162	.0002260	30.18765	.0007920	.0041585
Stddev	.0002086	.022386	.0003949	.0003687	.53588	.0023539	.0027304
%RSD	.2230064	2.121903	43.09876	163.1440	1.775167	297.2187	65.65709

#1	.0935162	1.042728	.0004774	.0005862	30.32548	-.001761	.0034452
#2	.0937607	1.080833	.0010282	-.000151	30.64116	.001261	.0071747
#3	.0933457	1.041423	.0012429	.000243	29.59632	.002876	.0018556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033140	-.000165	.0188709	-.000292	.0647270	.7377871	-.000895
Stddev	.013854	.000242	.0020368	.000309	.0002216	.0054171	.000581
%RSD	1.340964	146.1886	10.79336	105.8926	.3423757	.7342359	64.97480

#1	1.017681	.000067	.0198388	-.000419	.0649714	.7426156	-.000236
#2	1.044433	-.000416	.0165306	-.000516	.0645392	.7388167	-.001336
#3	1.037304	-.000147	.0202433	.000061	.0646704	.7319291	-.001112

Sample Name: M4676-01LX5 Acquired: 11/18/2021 13:56:20 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006791	.0007028	.0354695
Stddev	.0002709	.0012406	.0001724
%RSD	39.89615	176.5327	.4860397

#1	.0005756	.0001996	.0353998
#2	.0004752	.0021159	.0356658
#3	.0009865	-.000207	.0353428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.4109	37431.88	6208.758	982.4592	1645.950
Stddev	2.0023	223.86	42.969	3.1139	3.298
%RSD	.2170756	.5980526	.6920737	.3169542	.2003691

#1	920.6748	37471.26	6181.275	984.3968	1644.877
#2	924.6014	37190.94	6186.725	978.8673	1649.651
#3	921.9566	37633.44	6258.275	984.1136	1643.321

Sample Name: M4676-07 Acquired: 11/18/2021 14:00:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2R-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003478	.0043047	.0033026	-.001162	-.003641	.1402165	.1077864
Stddev	.001330	.0017238	.0011675	.002512	.001381	.0032840	.0007300
%RSD	38.24743	40.04379	35.34912	216.1451	37.94426	2.342115	.6772201

#1	-.005014	.0041528	.0039948	.000839	-.004839	.1417103	.1069587
#2	-.002716	.0026620	.0039583	-.003981	-.002130	.1364511	.1080625
#3	-.002704	.0060994	.0019547	-.000344	-.003953	.1424881	.1083380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011554	-.000095	36.10052	.0045437	.0210132	-.000954	.1418029
Stddev	.0000842	.000173	.21566	.0004100	.0001475	.000294	.0152985
%RSD	7.291043	183.4886	.5973894	9.023503	.7018873	30.79792	10.78860

#1	.0010625	-.000042	35.85356	.0040937	.0208494	-.001108	.1243178
#2	.0012267	.000046	36.19626	.0046414	.0211355	-.001139	.1483660
#3	.0011771	-.000288	36.25173	.0048960	.0210547	-.000615	.1527248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347151	7.711854	.0560602	.0006014	196.8029	-.000321	.0911656
Stddev	.0003889	.019084	.0007534	.0003162	.5729	.002670	.0054979
%RSD	1.120361	.2474644	1.343866	52.58598	.2910812	832.0044	6.030715

#1	.0348221	7.689856	.0562074	.0006057	196.1762	-.002948	.0956726
#2	.0350393	7.721732	.0552441	.0002830	196.9327	-.000404	.0850401
#3	.0342839	7.723975	.0567292	.0009154	197.2997	.002389	.0927842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.140899	-.001018	.0262082	.0003442	1.221727	2.692267	-.001872
Stddev	.062213	.000937	.0003634	.0004457	.004673	.016078	.001825
%RSD	1.980730	91.96885	1.386400	129.5032	.3825264	.5971943	97.49792

#1	3.071755	-.002092	.0264994	-.000137	1.217662	2.682722	.000233
#2	3.158599	-.000369	.0263243	.000742	1.220686	2.710830	-.003009
#3	3.192344	-.000594	.0258010	.000427	1.226833	2.683250	-.002840

Sample Name: M4676-07 Acquired: 11/18/2021 14:00:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2R-202111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006860	-.003067	.2154065
Stddev	.0008809	.001245	.0004296
%RSD	128.4131	40.59230	.1994207

#1	-.000327	-.004275	.2149273
#2	.001116	-.003140	.2155348
#3	.001269	-.001788	.2157572

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	953.7997	38646.93	6513.574	1025.797	1636.875
Stddev	2.0428	74.53	32.593	5.011	3.081
%RSD	.2141715	.1928499	.5003797	.4884941	.1882145

#1	955.2516	38677.73	6537.301	1023.831	1638.680
#2	954.6836	38561.94	6476.411	1022.068	1638.626
#3	951.4638	38701.13	6527.010	1031.493	1633.317

Sample Name: M4676-09 Acquired: 11/18/2021 14:04:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-5-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024076	.0079065	.0031777	-.005536	-.005078	.1366094	.1068476
Stddev	.0018569	.0027607	.0035972	.004324	.000242	.0015625	.0010434
%RSD	77.12777	34.91652	113.2022	78.10677	4.762803	1.143742	.9765660

#1	.0004310	.0061796	.0000466	-.005182	-.005298	.1376499	.1072416
#2	.0041157	.0064494	.0071069	-.001400	-.005117	.1373655	.1056645
#3	.0026761	.0110904	.0023795	-.010026	-.004819	.1348127	.1076366

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011852	-.000035	35.42610	.0045378	.0207347	-.001177	.1427360
Stddev	.0000917	.000113	.13904	.0003686	.0002559	.001015	.0054349
%RSD	7.736732	322.3545	.3924689	8.123237	1.234029	86.19786	3.807673

#1	.0010794	-.000146	35.40998	.0049548	.0208390	-.002335	.1438902
#2	.0012384	-.000038	35.29582	.0042556	.0204432	-.000443	.1475011
#3	.0012379	.000079	35.57249	.0044029	.0209220	-.000754	.1368167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336301	7.600713	.0560349	.0004927	193.4747	-.000817	.0887659
Stddev	.0003219	.032413	.0002898	.0003144	.1503	.001954	.0062851
%RSD	.9570930	.4264405	.5171413	63.81610	.0776922	239.1646	7.080595

#1	.0332585	7.637998	.0563489	.0006152	193.3272	.001102	.0855399
#2	.0338101	7.579258	.0559779	.0007274	193.6277	-.000748	.0960090
#3	.0338217	7.584882	.0557778	.0001355	193.4693	-.002804	.0847488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.030271	-.000851	.0242224	.0002196	1.203234	2.637112	-.000996
Stddev	.065883	.000391	.0019482	.0005355	.003625	.010771	.000985
%RSD	2.174166	45.97145	8.042790	243.8424	.3013036	.4084569	98.85909

#1	2.973767	-.001038	.0222809	-.000296	1.205678	2.636478	-.002111
#2	3.014409	-.000401	.0261771	.000773	1.204956	2.626672	-.000246
#3	3.102637	-.001112	.0242093	.000182	1.199069	2.648187	-.000631

Sample Name: M4676-09 Acquired: 11/18/2021 14:04:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-5-2021111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011820	-.003900	.2113385
Stddev	.0006021	.000236	.0003265
%RSD	50.94358	6.040059	.1544956

#1	.0014929	-.003854	.2112480
#2	.0015651	-.004156	.2110669
#3	.0004879	-.003692	.2117008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.8298	38669.07	6539.934	1024.954	1631.854
Stddev	1.2935	114.52	38.018	3.211	2.557
%RSD	.1358946	.2961484	.5813190	.3132941	.1567229

#1	952.8654	38786.85	6553.243	1027.633	1633.970
#2	950.3800	38662.23	6569.508	1021.394	1629.012
#3	952.2441	38558.12	6497.051	1025.833	1632.580

Sample Name: PB140799BL Acquired: 11/18/2021 14:08:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW799 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004739	-.002493	.0036126	.0025451	.0025464	.0033580	.0000220
Stddev	.010172	.005647	.0025025	.0032850	.0026682	.0094517	.0000799
%RSD	214.6315	226.4983	69.27161	129.0704	104.7823	281.4687	362.9701

#1	-.005051	-.008948	.0020344	.0054780	.0031400	.0061579	.0000868
#2	.005585	.001531	.0023054	-.001004	.0048678	.0110934	-.000067
#3	-.014751	-.000063	.0064981	.003162	-.000369	-.007177	.000047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000782	-.000104	-.001295	-.000132	.0003997	-.000184	-.002750
Stddev	.0000888	.000038	.015232	.000136	.0004654	.002523	.002498
%RSD	113.6364	37.03392	1176.242	102.9333	116.4371	1369.622	90.85167

#1	.0001262	-.000147	.007519	-.000128	.0008871	-.003002	.000027
#2	.0001326	-.000090	-.018884	-.000269	.0003522	.001866	-.004816
#3	-.000024	-.000074	.007480	.000002	-.000040	.000584	-.003461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004855	.0146177	.0003734	.0002095	.2935058	.0007970	-.001161
Stddev	.0001004	.0058287	.0001230	.0002367	.1189488	.0015345	.002953
%RSD	20.68429	39.87407	32.93709	112.9803	40.52692	192.5216	254.3778

#1	.0005478	.0145031	.0004519	.0000053	.4078659	.0012679	-.001103
#2	.0003696	.0205028	.0002317	.0004690	.3022057	.0020410	.001763
#3	.0005390	.0088472	.0004367	.0001544	.1704459	-.000918	-.004142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016905	-.000293	.0004172	.0000241	-.000047	-.002021	-.000131
Stddev	.030975	.000271	.0009841	.0002689	.000645	.001368	.001171
%RSD	183.2258	92.43481	235.8620	1115.440	1382.838	67.67396	890.6342

#1	-.012834	-.000020	.0003978	-.000246	-.000787	-.001026	.001086
#2	.011833	-.000561	.0014109	.000026	.000397	-.003581	-.001250
#3	-.049714	-.000298	-.000557	.000292	.000249	-.001457	-.000230

Sample Name: PB140799BL Acquired: 11/18/2021 14:08:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW799 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000051	.0012358	-.000050
Stddev	.001777	.0005342	.000091
%RSD	3518.295	43.22695	181.4134

#1	.000129	.0012926	-.000001
#2	.001630	.0006754	-.000155
#3	-.001910	.0017392	.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.0668	37134.34	6234.000	970.4588	1621.487
Stddev	2.9444	48.73	28.313	5.0071	3.800
%RSD	.3210668	.1312233	.4541638	.5159538	.2343261

#1	916.4575	37078.48	6262.275	964.8944	1618.782
#2	920.2682	37156.36	6205.650	971.8812	1625.831
#3	914.4747	37168.16	6234.075	974.6008	1619.849

Sample Name: PB140799BS Acquired: 11/18/2021 14:12:49 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS799 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193288	.0484750	.0224373	.0694208	.1167250	.3773179
Stddev	.0016643	.0068043	.0031893	.0014390	.0019600	.0045235
%RSD	8.610682	14.03682	14.21431	2.072844	1.679168	1.198863

#1	.0211169	.0497741	.0256174	.0688645	.1188399	.3811527
#2	.0190448	.0411147	.0224555	.0710549	.1149697	.3784718
#3	.0178248	.0545361	.0192389	.0683430	.1163654	.3723291

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3917078	.0102623	.0105560	9.903169	.0212226	.0972638
Stddev	.0039641	.0000839	.0001663	.054995	.0001932	.0001058
%RSD	1.011998	.8178166	1.575285	.5553317	.9105429	.1087485

#1	.3948067	.0103044	.0105248	9.949074	.0214164	.0971417
#2	.3930757	.0103169	.0107357	9.918217	.0212216	.0973240
#3	.3872409	.0101657	.0104076	9.842216	.0210299	.0973258

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524335	.2084975	.0314501	9.448692	.0783173	.0195301
Stddev	.0028689	.0119344	.0015928	.033635	.0004877	.0004539
%RSD	5.471577	5.724002	5.064668	.3559756	.6226814	2.324263

#1	.0545860	.1952131	.0321142	9.458627	.0787022	.0196502
#2	.0535380	.2183136	.0326035	9.476241	.0777689	.0190282
#3	.0491765	.2119657	.0296327	9.411208	.0784809	.0199119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.487234	.0966120	.1054508	9.527300	F .0027285	.0217152
Stddev	.241170	.0027191	.0009847	.043301	.0005716	.0008534
%RSD	2.542044	2.814418	.9337916	.4544930	20.94775	3.930001

#1	9.617963	.0995680	.1053752	9.506500	.0025095	.0225010
#2	9.634815	.0960504	.1045060	9.577076	.0022989	.0218373
#3	9.208926	.0942176	.1064711	9.498324	.0033772	.0208073

Sample Name: PB140799BS Acquired: 11/18/2021 14:12:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS799 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197118	F .0201971	.1968688	.0101857	.2043484	.0300993
Stddev	.0001282	.0004545	.0012206	.0008203	.0016621	.0011143
%RSD	.6503765	2.250354	.6199901	8.053777	.8133500	3.702157
#1	.0198399	.0203724	.1974297	.0095777	.2030235	.0292429
#2	.0195835	.0205379	.1954686	.0111187	.2062133	.0313592
#3	.0197119	.0196811	.1977082	.0098607	.2038085	.0296960

Elem	Sr4077
Units	ppm
Avg	.2084694
Stddev	.0002518
%RSD	.1207787
#1	.2082970
#2	.2087583
#3	.2083528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.7668	37264.80	6252.563	973.9217	1637.813
Stddev	1.9275	106.51	45.395	10.1758	3.353
%RSD	.2104781	.2858150	.7260167	1.044823	.2047519
#1	916.5150	37264.45	6224.471	974.6612	1634.196
#2	917.2080	37371.48	6228.284	983.7076	1640.818
#3	913.5774	37158.47	6304.934	963.3964	1638.425

Sample Name: M4608-04 Acquired: 11/18/2021 14:21:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-6-2021110 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001061	.0013206	.0017878	-.001808	-.003951	.0047109	.0749641
Stddev	.006940	.0017132	.0019783	.004652	.001500	.0107931	.0004274
%RSD	654.2999	129.7249	110.6603	257.2560	37.97126	229.1112	.5701662

#1	-.008673	.0032600	.0038540	-.000397	-.003509	.0108269	.0747479
#2	.000579	.0000133	-.000089	.001975	-.005623	-.007751	.0746879
#3	.004912	.0006885	.001598	-.007002	-.002722	.011057	.0754564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001463	-.000163	26.58768	-.000214	-.000712	.0088468	.2432257
Stddev	.0000506	.000167	.13863	.000463	.000125	.0025713	.0079984
%RSD	34.55770	102.6394	.5214089	216.8227	17.55799	29.06408	3.288465

#1	.0001464	-.000320	26.66249	.000029	-.000855	.0062644	.2523248
#2	.0001968	-.000181	26.67284	.000078	-.000623	.0114067	.2400469
#3	.0000957	.000012	26.42772	-.000748	-.000659	.0088694	.2373054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141173	9.624078	.0073580	.0004957	15.47502	-.002785	1.263623
Stddev	.0006965	.023198	.0003940	.0000559	.19185	.004681	.009885
%RSD	4.933931	.2410439	5.355314	11.26770	1.239717	168.0972	.7822569

#1	.0136580	9.634322	.0073943	.0005094	15.58235	.000814	1.274732
#2	.0137752	9.640390	.0077326	.0004342	15.58917	-.008077	1.255797
#3	.0149188	9.597521	.0069470	.0005434	15.25353	-.001092	1.260342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2424684	-.000530	.0689022	.0001306	1.015973	4.464532	-.002112
Stddev	.0557727	.000372	.0019041	.0005932	.002381	.033759	.001827
%RSD	23.00204	70.24196	2.763501	454.3029	.2343834	.7561585	86.51758

#1	.3041789	-.000367	.0709547	.0007196	1.016908	4.462218	-.003695
#2	.1956615	-.000957	.0671932	.0001388	1.017745	4.499388	-.000112
#3	.2275648	-.000267	.0685588	-.000467	1.013266	4.431990	-.002529

Sample Name: M4608-04 Acquired: 11/18/2021 14:21:07 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-6-2021110 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000091	-.003515	.3303559
Stddev	.000942	.001092	.0004893
%RSD	1030.218	31.06201	.1481264

#1	-.000403	-.003410	.3309172
#2	.000966	-.004656	.3301317
#3	-.000838	-.002480	.3300188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	961.5098	38915.77	6495.479	1025.341	1701.798
Stddev	1.9123	98.87	29.791	1.856	2.175
%RSD	.1988830	.2540509	.4586432	.1809984	.1277987

#1	963.7122	39028.41	6480.804	1024.347	1704.189
#2	960.5464	38875.55	6475.872	1024.193	1701.267
#3	960.2709	38843.36	6529.761	1027.482	1699.937

Sample Name: M4608-07 Acquired: 11/18/2021 14:25:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3DD-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001416	.0015311	.0010950	-.000480	-.003287	-.001071	.0018177
Stddev	.007945	.0079450	.0045056	.005074	.002179	.001473	.0002504
%RSD	560.9277	518.9122	411.4569	1057.190	66.29460	137.5066	13.77401

#1	-.010467	.0032920	.0005094	-.005989	-.005804	-.002564	.0019335
#2	.001809	-.007147	-.003089	.000547	-.002005	.000382	.0015303
#3	.004409	.008448	.005865	.004001	-.002054	-.001032	.0019891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001102	-.000275	1.650958	.0002024	.0002128	.0017393	.0105682
Stddev	.0000614	.000068	.014141	.0002026	.0000574	.0012591	.0104333
%RSD	55.74369	24.84592	.8565198	100.1321	26.96275	72.38806	98.72285

#1	.0000711	-.000306	1.658517	.0002830	.0001527	.0023608	.0207816
#2	.0000784	-.000197	1.634644	.0003523	.0002185	.0002904	.0109950
#3	.0001810	-.000323	1.659712	-.000028	.0002671	.0025669	-.000072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019417	.6307656	.0033218	.0005654	3.475522	-.001887	.0216583
Stddev	.0000987	.0226539	.0005528	.0001770	.185890	.000557	.0014184
%RSD	5.081009	3.591495	16.64027	31.31468	5.348545	29.50206	6.549108

#1	.0019518	.6530388	.0039328	.0005104	3.464924	-.002530	.0219469
#2	.0018384	.6077493	.0031764	.0004224	3.666485	-.001571	.0201177
#3	.0020349	.6315087	.0028563	.0007634	3.295158	-.001561	.0229102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.500291	-.000017	.0040904	.0004219	.0183504	4.433489	-.000157
Stddev	.110833	.000204	.0006947	.0001163	.0005587	.035493	.000500
%RSD	22.15372	1175.462	16.98302	27.57042	3.044392	.8005636	318.9101

#1	-.377426	.000137	.0038627	.0005252	.0183686	4.409076	.000393
#2	-.530706	.000060	.0048704	.0002959	.0188998	4.474204	-.000585
#3	-.592740	-.000249	.0035381	.0004447	.0177829	4.417187	-.000279

Sample Name: M4608-07 Acquired: 11/18/2021 14:25:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3DD-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001006	-.005497	.0067430
Stddev	.0014591	.000399	.0001069
%RSD	1450.164	7.252652	1.585023

#1	.0017334	-.005283	.0066513
#2	-.000356	-.005956	.0067173
#3	-.001075	-.005250	.0068604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	967.6280	39120.87	6502.592	1031.609	1712.918
Stddev	.5299	162.54	31.554	9.773	2.733
%RSD	.0547663	.4154819	.4852503	.9473209	.1595343

#1	967.2651	39070.72	6537.350	1022.628	1716.072
#2	968.2361	39302.58	6475.750	1042.016	1711.438
#3	967.3827	38989.32	6494.675	1030.183	1711.245

Sample Name: M4641-03 Acquired: 11/18/2021 14:29:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3D-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088918	.0058533	.0033827	-.004191	-.003823	.0134778	.2105084
Stddev	.0031081	.0071279	.0024123	.004382	.000516	.0046722	.0013688
%RSD	34.95487	121.7754	71.31518	104.5586	13.49705	34.66581	.6502524

#1	.0118977	.0003613	.0061679	-.006900	-.003317	.0173271	.2095744
#2	.0056907	.0032904	.0019573	-.006537	-.003804	.0148269	.2098710
#3	.0090870	.0139083	.0020227	.000865	-.004348	.0082795	.2120797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002456	-.000301	56.60388	-.000063	.0206465	.0132271	14.37086
Stddev	.0000724	.000051	.18932	.000351	.0003591	.0016676	.01977
%RSD	29.49011	16.99271	.3344697	560.5465	1.739438	12.60746	.1375918

#1	.0002141	-.000327	56.50947	-.000108	.0203334	.0149507	14.36367
#2	.0001944	-.000242	56.48033	-.000388	.0210386	.0116218	14.35569
#3	.0003285	-.000335	56.82184	.000309	.0205676	.0131089	14.39323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.423702	17.42931	.0044219	-.000804	364.6023	.0012298	.0360124
Stddev	.003850	.05497	.0006805	.000461	1.7081	.0026291	.0071163
%RSD	.2704336	.3154170	15.38852	57.39139	.4684737	213.7849	19.76067

#1	1.421516	17.39937	.0036364	-.000322	363.8713	.0023356	.0297878
#2	1.421443	17.39580	.0047987	-.001242	363.3814	.0031255	.0437704
#3	1.428148	17.49275	.0048306	-.000846	366.5542	-.001772	.0344792

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.02814	-.001311	.4440401	-.000496	1.842403	3.795900	-.000332
Stddev	.13471	.000203	.0033320	.000360	.002558	.021125	.002519
%RSD	.5382344	15.46675	.7503923	72.44232	.1388244	.5565232	758.6369

#1	25.06504	-.001216	.4422802	-.000676	1.845162	3.785353	-.001746
#2	25.14055	-.001173	.4478831	-.000082	1.840112	3.820222	-.001826
#3	24.87882	-.001543	.4419571	-.000731	1.841935	3.782125	.002576

Sample Name: M4641-03 Acquired: 11/18/2021 14:29:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-3D-202111 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001298	-.005552	.6282977
Stddev	.000837	.000719	.0018638
%RSD	64.50436	12.94549	.2966465

#1	-.001889	-.004770	.6265911
#2	-.001665	-.006183	.6302866
#3	-.000340	-.005703	.6280153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.4827	37373.69	6381.560	988.8063	1573.162
Stddev	1.8519	114.59	15.342	5.3676	1.716
%RSD	.2005391	.3066107	.2404037	.5428363	.1090504

#1	924.3651	37426.94	6397.065	984.6185	1575.140
#2	924.7285	37451.97	6366.387	994.8572	1572.084
#3	921.3546	37242.16	6381.229	986.9433	1572.262

Sample Name: M4676-02 Acquired: 11/18/2021 14:33:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001776	.0024769	.0036436	-.004804	-.004276	.0017135	.0683359
Stddev	.013168	.0039389	.0020911	.003100	.000929	.0095140	.0003477
%RSD	741.6030	159.0247	57.38987	64.52804	21.73688	555.2503	.5087519

#1	.011268	.0015566	.0025983	-.007728	-.003658	-.002164	.0683823
#2	-.001529	-.000920	.0022813	-.001554	-.003825	.012554	.0686580
#3	-.015065	.006794	.0060512	-.005129	-.005344	-.005250	.0679673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001216	-.000121	20.24170	.0001617	-.000822	-.002722	.0071190
Stddev	.0000150	.000077	.06838	.0004734	.000268	.001036	.0166237
%RSD	12.31850	63.82467	.3378318	292.6637	32.59374	38.07127	233.5128

#1	.0001367	-.000140	20.22677	-.000022	-.000794	-.003358	.0235594
#2	.0001213	-.000036	20.31632	-.000193	-.000569	-.003282	-.009682
#3	.0001067	-.000187	20.18202	.000699	-.001102	-.001526	.007480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4403171	5.242599	.0011697	-.000058	153.3886	.0004511	.0281379
Stddev	.0009987	.043629	.0008105	.000331	.3646	.0010421	.0037643
%RSD	.2268018	.8321958	69.29131	575.6674	.2377212	231.0110	13.37797

#1	.4400737	5.214779	.0005243	-.000317	153.4428	-.000035	.0318246
#2	.4414150	5.292882	.0020794	-.000172	153.0000	.001648	.0282885
#3	.4394627	5.220135	.0009055	.000316	153.7232	-.000259	.0243006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.159999	-.000362	.0877182	-.000039	.3568022	3.763404	-.002112
Stddev	.123677	.000601	.0013781	.000369	.0023332	.009841	.001670
%RSD	2.396839	166.1637	1.571048	938.5712	.6539337	.2614982	79.04318

#1	5.245335	-.000997	.0861503	.000308	.3543738	3.767189	-.002137
#2	5.018163	-.000286	.0882668	-.000426	.3590270	3.752232	-.000430
#3	5.216499	.000198	.0887376	.000000	.3570058	3.770791	-.003769

Sample Name: M4676-02 Acquired: 11/18/2021 14:33:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001812	-.004738	.1778066
Stddev	.0009071	.000997	.0005071
%RSD	500.5772	21.04840	.2852000

#1	.0010857	-.004241	.1783148
#2	-.000728	-.004088	.1773006
#3	.000186	-.005887	.1778043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	942.3196	38157.53	6399.500	1012.033	1650.651
Stddev	.9167	108.75	11.133	7.052	4.376
%RSD	.0972795	.2850006	.1739733	.6968353	.2650997

#1	943.3780	38275.35	6388.625	1003.970	1655.580
#2	941.8041	38060.99	6410.875	1017.051	1647.222
#3	941.7768	38136.26	6399.000	1015.079	1649.151

Sample Name: CCV053 Acquired: 11/18/2021 14:41:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.764400	4.881502	24.50055	4.668047	4.716002	400.2073
Stddev	.035263	.025450	.05917	.008322	.008961	2.3657
%RSD	.7401347	.5213576	.2415191	.1782693	.1900106	.5911259

#1	4.752659	4.903733	24.44013	4.676937	4.726144	402.3931
#2	4.736506	4.853741	24.50312	4.660444	4.709156	397.6954
#3	4.804036	4.887030	24.55839	4.666760	4.712706	400.5335

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.898259	.4960518	2.472329	398.8237	15.20358	2.514684
Stddev	.114117	.0025811	.004941	3.1139	.00593	.007615
%RSD	1.152896	.5203254	.1998635	.7807834	.0389955	.3028047

#1	9.984741	.4961525	2.468916	401.4782	15.20782	2.507754
#2	9.768918	.4934219	2.470076	395.3960	15.19680	2.513463
#3	9.941118	.4985811	2.477995	399.5968	15.20611	2.522835

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05476	403.8501	14.77040	394.2291	2.432950	1.246052
Stddev	.03089	3.0324	.10642	2.7389	.004197	.005700
%RSD	.2051562	.7508765	.7204776	.6947572	.1724970	.4574629

#1	15.07680	406.2213	14.87423	396.4697	2.428284	1.249452
#2	15.01946	400.4332	14.66157	391.1758	2.436418	1.249232
#3	15.06803	404.8957	14.77538	395.0419	2.434147	1.239471

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.5472	2.467866	14.90845	152.6128	F 5.682758	5.075945
Stddev	2.2603	.022498	.13800	.2771	.016356	.024106
%RSD	.5699994	.9116519	.9256776	.1815794	.2878198	.4749137

#1	398.7394	2.482288	15.05536	152.8721	5.676497	5.098926
#2	394.2245	2.441942	14.88846	152.6456	5.670458	5.050853
#3	396.6777	2.479369	14.78153	152.3208	5.701320	5.078057

Sample Name: CCV053 Acquired: 11/18/2021 14:41:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.802161	F 5.599701	4.977293	4.934898	5.003561	4.944655
Stddev	.015744	.008074	.022990	.010104	.027971	.050732
%RSD	.3278534	.1441950	.4619042	.2047538	.5590294	1.025990

#1	4.819143	5.603803	4.978206	4.934182	5.028242	4.981708
#2	4.788051	5.590399	4.953860	4.925171	4.973178	4.886834
#3	4.799287	5.604901	4.999813	4.945341	5.009262	4.965422

Elem	Sr4077
Units	ppm
Avg	4.851191
Stddev	.000371
%RSD	.0076577

#1	4.850918
#2	4.851041
#3	4.851614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	776.8865	34051.64	5933.281	840.8466	1322.568
Stddev	1.7860	216.52	34.314	10.4294	1.237
%RSD	.2298923	.6358652	.5783387	1.240350	.0934959

#1	774.9828	33843.19	5896.700	829.7543	1323.732
#2	778.5252	34036.32	5964.757	842.3315	1322.702
#3	777.1515	34275.42	5938.385	850.4540	1321.270

Sample Name: CCB053 Acquired: 11/18/2021 14:45:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005843	-.002207	.0011301	-.000489	.0005636	.0060290
Stddev	.007019	.002486	.0027329	.006149	.0020710	.0045632
%RSD	120.1284	112.6219	241.8404	1257.028	367.4384	75.68770

#1	-.003779	-.004645	.0037143	.001453	-.000363	.0083519
#2	-.013662	-.002301	-.001731	.004455	.002936	.0007717
#3	-.000087	.000324	.001406	-.007375	-.000883	.0089633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004701	.0001844	-.000067	-.019074	-.000147	.0002906
Stddev	.0006187	.0000470	.000141	.004962	.000044	.0003224
%RSD	131.5915	25.50153	211.4050	26.01512	29.91993	110.9394

#1	.0008308	.0002048	.000083	-.014846	-.000185	-.000015
#2	-.000244	.0001306	-.000197	-.024537	-.000099	.000627
#3	.000824	.0002177	-.000085	-.017838	-.000159	.000260

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009949	.0105557	.0006028	.0280126	.0007599	.0005694
Stddev	.0049668	.0078250	.0005877	.0100421	.0003910	.0001736
%RSD	499.2204	74.13017	97.50470	35.84848	51.44988	30.48885

#1	-.004006	.0184943	.0005276	.0356293	.0007227	.0004846
#2	.001065	.0028496	.0012245	.0317760	.0003889	.0007691
#3	.005926	.0103232	.0000562	.0166324	.0011682	.0004545

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.186481	-.001453	-.003090	.0796735	-.000659	F .0114234
Stddev	.240236	.002662	.004149	.0486749	.000515	.0013838
%RSD	128.8262	183.2503	134.2800	61.09290	78.13923	12.11368

#1	-.313205	.001511	-.002040	.1110613	-.000128	.0126941
#2	-.336822	-.002228	-.007662	.0236021	-.001157	.0116271
#3	.090585	-.003641	.000434	.1043572	-.000693	.0099491

Sample Name: CCB053 Acquired: 11/18/2021 14:45:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003657	.0006829	.0009649	-.000725	.0011234	.0027679
Stddev	.0007329	.0008076	.0009309	.001371	.0013209	.0013734
%RSD	200.4018	118.2562	96.47938	189.0209	117.5798	49.61913

#1	.0011460	.0003548	-.000063	.000566	-.000317	.0019883
#2	-.000308	.0000911	.001751	-.002164	.001409	.0043537
#3	.000259	.0016029	.001207	-.000579	.002278	.0019617

Elem	Sr4077
Units	ppm
Avg	-.000027
Stddev	.000020
%RSD	73.24192

#1	-.000012
#2	-.000050
#3	-.000020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.2151	37297.95	6165.858	983.5399	1626.353
Stddev	1.0180	165.85	19.797	9.9230	3.653
%RSD	.1109865	.4446751	.3210672	1.008902	.2246008

#1	918.3262	37128.59	6184.825	975.1595	1629.537
#2	916.3274	37305.19	6167.425	980.9631	1627.158
#3	916.9916	37460.06	6145.325	994.4970	1622.365

Sample Name: M4676-06 Acquired: 11/18/2021 14:49:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: M4676-02MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004954	.0022838	.0017899	.0000753	-.002737	-.000021	.0701903
Stddev	.004972	.0043830	.0018761	.0027212	.000479	.003817	.0005289
%RSD	100.3521	191.9163	104.8122	3614.002	17.50128	18346.97	.7535042

#1	-.010062	-.002055	.0038045	-.003025	-.003210	.004385	.0696764
#2	-.000132	.002196	.0000930	.001180	-.002253	-.002117	.0707330
#3	-.004669	.006710	.0014723	.002070	-.002747	-.002330	.0701614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002309	-.000092	20.67295	.0007936	-.000386	-.001194	.0166707
Stddev	.0000962	.000078	.04866	.0006759	.000199	.002212	.0089596
%RSD	41.67822	84.48783	.2353662	85.17149	51.58164	185.2410	53.74445

#1	.0003363	-.000125	20.61682	.0011070	-.000183	-.001679	.0248052
#2	.0001477	-.000149	20.70329	.0000179	-.000581	-.003123	.0181394
#3	.0002088	-.000003	20.69873	.0012560	-.000395	.001220	.0070675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4606526	5.306205	.0028511	.0001872	154.8242	.0006866	.0321446
Stddev	.0022414	.043787	.0002157	.0000181	.4800	.0014715	.0015275
%RSD	.4865680	.8251978	7.563720	9.639540	.3100331	214.3098	4.752071

#1	.4580868	5.324419	.0027756	.0001953	154.2841	-.000120	.0325184
#2	.4622289	5.256251	.0030944	.0001666	154.9861	.002385	.0334504
#3	.4616422	5.337945	.0026834	.0001999	155.2022	-.000206	.0304648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.463306	.0000599	.0893192	-.000333	.3641389	3.811982	-.002337
Stddev	.046680	.0008901	.0020217	.000245	.0030783	.022266	.002664
%RSD	.8544251	1486.725	2.263473	73.61259	.8453693	.5841133	113.9889

#1	5.424328	.0008726	.0870320	-.000218	.3605926	3.801962	-.003665
#2	5.450555	-.000891	.0900580	-.000167	.3661221	3.796486	.000730
#3	5.515037	.000198	.0908676	-.000615	.3657018	3.837498	-.004076

Sample Name: M4676-06 Acquired: 11/18/2021 14:49:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: M4676-02MSD Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000590	-.003604	.1814572
Stddev	.0003093	.000231	.0003140
%RSD	523.9241	6.406052	.1730267

#1	-.000093	-.003469	.1813822
#2	.000415	-.003870	.1811876
#3	-.000145	-.003472	.1818019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.5301	38277.44	6402.542	1019.511	1661.823
Stddev	1.1713	155.80	20.757	2.550	1.466
%RSD	.1232266	.4070403	.3241964	.2500796	.0881865

#1	951.6669	38109.94	6416.950	1022.198	1663.254
#2	950.5964	38418.05	6411.925	1019.210	1661.890
#3	949.3271	38304.32	6378.750	1017.126	1660.325

Sample Name: M4676-02LX5 Acquired: 11/18/2021 14:53:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001718	-.000623	.0020125	.0029233	.0007750	-.000070	.0132090
Stddev	.005415	.004636	.0021152	.0032302	.0020762	.004117	.0000174
%RSD	315.2637	744.5121	105.1020	110.4977	267.9133	5921.315	.1317308

#1	.004175	.004662	.0033940	-.000753	.0026836	.003185	.0131899
#2	-.002854	-.004005	.0030660	.005307	-.001436	.001304	.0132133
#3	-.006474	-.002525	-.000423	.004216	.001077	-.004698	.0132239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001277	-.000069	3.991025	-.000315	-.000013	.0014537	.0035162
Stddev	.0001157	.000095	.015483	.000325	.000300	.0049831	.0099601
%RSD	90.61903	138.0711	.3879531	103.3386	2252.074	342.7941	283.2617

#1	.0000756	-.000063	4.003673	-.000184	-.000350	-.002745	.0127713
#2	.0002604	-.000167	3.973758	-.000685	.000085	.000145	.0048014
#3	.0000472	.000023	3.995645	-.000075	.000225	.006960	-.007024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0882004	1.026152	.0012186	.0000187	29.85713	.0006287	.0072695
Stddev	.0011614	.008482	.0005169	.0001655	.08970	.0025700	.0028854
%RSD	1.316786	.8266220	42.41393	884.5096	.3004313	408.8161	39.69206

#1	.0877369	1.017765	.0007266	-.000135	29.95992	-.000048	.0072547
#2	.0895220	1.025964	.0011721	-.000003	29.81674	.003469	.0043914
#3	.0873423	1.034727	.0017572	.000194	29.79472	-.001536	.0101622

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.157669	-.000173	.0197474	-.000066	.0674118	.7206051	-.000847
Stddev	.043752	.000745	.0008307	.000690	.0006494	.0047495	.001373
%RSD	3.779336	431.8532	4.206681	1039.264	.9633790	.6590963	162.0050

#1	1.184894	.000686	.0204380	.000684	.0671354	.7231460	-.002429
#2	1.180912	-.000652	.0188256	-.000210	.0681537	.7151257	-.000143
#3	1.107201	-.000551	.0199787	-.000673	.0669463	.7235437	.000030

Sample Name: M4676-02LX5 Acquired: 11/18/2021 14:53:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2D-202111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001171	.0020199	.0349422
Stddev	.0004971	.0014535	.0001315
%RSD	424.4866	71.95996	.3761861

#1	.0002964	.0005469	.0349923
#2	.0004997	.0034532	.0350412
#3	-.000445	.0020597	.0347930

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.9967	37282.12	6255.108	979.4525	1645.755
Stddev	2.1844	115.38	41.450	4.3464	3.625
%RSD	.2376901	.3094722	.6626509	.4437548	.2202734

#1	916.4950	37192.67	6208.600	975.6328	1641.631
#2	919.9688	37241.34	6288.150	978.5429	1648.436
#3	920.5263	37412.35	6268.575	984.1816	1647.199

Sample Name: M4676-08 Acquired: 11/18/2021 14:57:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-2R-202111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066239	.0045251	.0025948	-.001814	-.002648	.0638069	.1062787
Stddev	.0090550	.0022607	.0014579	.000375	.002434	.0036261	.0011780
%RSD	136.7017	49.95953	56.18540	20.66754	91.91366	5.682933	1.108373

#1	.0138243	.0022173	.0012083	-.001776	-.004925	.0654872	.1062106
#2	.0095894	.0067356	.0041150	-.001459	-.000082	.0596455	.1074893
#3	-.003542	.0046223	.0024612	-.002206	-.002937	.0662882	.1051363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011656	-.000107	36.48468	.0022215	.0205848	.0064517	.0248139
Stddev	.0000632	.000125	.47019	.0001602	.0005259	.0015014	.0100297
%RSD	5.422978	117.2550	1.288721	7.210450	2.554891	23.27111	40.41964

#1	.0011342	-.000223	36.50793	.0021599	.0200592	.0047555	.0134416
#2	.0012383	.000026	36.94282	.0021013	.0205842	.0076103	.0323968
#3	.0011242	-.000124	36.00331	.0024034	.0211110	.0069891	.0286033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342513	7.769659	.0546537	.0000893	197.6491	-.000295	.0931818
Stddev	.0003238	.062518	.0001347	.0000861	1.6254	.001095	.0004856
%RSD	.9455219	.8046479	.2464292	96.37327	.8223838	371.2450	.5211131

#1	.0339579	7.825424	.0546458	-.000007	197.0172	.000719	.0936336
#2	.0341971	7.781479	.0547922	.000158	199.4956	-.001455	.0932434
#3	.0345988	7.702075	.0545231	.000117	196.4346	-.000148	.0926683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.397873	-.001157	.0251792	-.000346	1.254317	2.745820	-.001316
Stddev	.018964	.000360	.0006659	.000557	.002941	.023544	.000551
%RSD	.5581258	31.15054	2.644573	160.8693	.2344634	.8574599	41.89697

#1	3.386261	-.000754	.0247193	-.000877	1.251328	2.737286	-.000891
#2	3.387600	-.001447	.0259428	-.000395	1.254416	2.772442	-.001118
#3	3.419757	-.001271	.0248755	.000233	1.257207	2.727734	-.001939

Sample Name: M4676-08 Acquired: 11/18/2021 14:57:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-2R-202111 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000047	-.001521	.2169686
Stddev	.000926	.000401	.0006665
%RSD	1973.189	26.35345	.3071716

#1	.000860	-.001280	.2165528
#2	-.000009	-.001298	.2177373
#3	-.000991	-.001983	.2166156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	952.5510	38460.74	6464.068	1021.040	1638.607
Stddev	1.4835	24.21	61.004	7.308	.886
%RSD	.1557382	.0629502	.9437332	.7157147	.0540618

#1	951.3967	38471.97	6474.326	1016.083	1639.554
#2	954.2242	38432.95	6398.586	1017.604	1638.468
#3	952.0319	38477.29	6519.292	1029.432	1637.798

Sample Name: M4676-10 Acquired: 11/18/2021 15:01:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-5-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004972	.0052193	.0024819	-.000317	-.005335	.0627536	.1051653
Stddev	.0067355	.0022557	.0008241	.004048	.001061	.0089290	.0003573
%RSD	1354.650	43.21857	33.20282	1276.854	19.89223	14.22871	.3397557

#1	.0077316	.0073648	.0029218	.000912	-.004183	.0599615	.1047856
#2	-.000647	.0054257	.0015312	.002974	-.005551	.0555542	.1054950
#3	-.005593	.0028675	.0029926	-.004837	-.006272	.0727450	.1052152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011727	-.000051	35.58578	.0026756	.0201678	.0050480	.0190449
Stddev	.0001005	.000139	.09733	.0004528	.0007821	.0012903	.0092375
%RSD	8.569551	272.2072	.2734980	16.92478	3.877778	25.56012	48.50398

#1	.0010851	.000063	35.59488	.0021590	.0209876	.0039016	.0103130
#2	.0012824	-.000206	35.48423	.0028643	.0200857	.0047971	.0287163
#3	.0011506	-.000010	35.67824	.0030036	.0194300	.0064453	.0181054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346224	7.563337	.0541747	.0000778	193.4279	-.001224	.0947839
Stddev	.0002896	.031162	.0007656	.0004118	.2991	.001841	.0021157
%RSD	.8363623	.4120179	1.413199	529.5648	.1546511	150.3844	2.232102

#1	.0349180	7.537434	.0538126	-.000079	193.2469	-.000064	.0954972
#2	.0343393	7.597919	.0536573	-.000233	193.2636	-.003347	.0924038
#3	.0346100	7.554659	.0550542	.000545	193.7732	-.000262	.0964507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.198377	-.000070	.0256608	-.000475	1.229470	2.681947	-.003414
Stddev	.119359	.000678	.0013387	.000632	.004243	.027009	.003691
%RSD	3.731869	973.6242	5.216825	133.0964	.3451140	1.007054	108.1223

#1	3.237151	.000630	.0268188	-.001074	1.230645	2.711655	.000056
#2	3.064452	-.000724	.0241950	-.000537	1.233001	2.658875	-.007293
#3	3.293529	-.000115	.0259684	.000186	1.224763	2.675312	-.003005

Sample Name: M4676-10 Acquired: 11/18/2021 15:01:55 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-5-2021111 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000649	-.001363	.2120151
Stddev	.000487	.000489	.0006509
%RSD	75.02366	35.85575	.3070117

#1	-.000089	-.001565	.2121842
#2	-.000890	-.000806	.2112964
#3	-.000968	-.001719	.2125648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.8760	38430.04	6480.288	1021.405	1637.516
Stddev	1.1215	150.86	44.987	4.580	2.286
%RSD	.1178171	.3925457	.6942200	.4483647	.1395768

#1	952.8311	38589.08	6431.997	1020.667	1635.048
#2	950.6411	38288.98	6521.012	1017.240	1639.559
#3	952.1559	38412.05	6487.854	1026.309	1637.943

Sample Name: PB140825BL Acquired: 11/18/2021 15:09:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW825 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007947	-.003521	.0021646	-.003660	-.000800	-.003870	.0001265
Stddev	.006104	.006132	.0001995	.002581	.002657	.000122	.0001544
%RSD	76.81201	174.1658	9.214131	70.51762	332.0309	3.148396	122.0429

#1	-.013060	-.008730	.0019747	-.006638	.002265	-.003894	.0000186
#2	-.001189	.003238	.0021467	-.002268	-.002446	-.003978	.0000575
#3	-.009592	-.005071	.0023724	-.002074	-.002219	-.003738	.0003034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000414	-.000245	.0048079	.0000101	.0004236	.0003169	.0014369
Stddev	.0000712	.000184	.0046868	.0003391	.0003872	.0003408	.0049137
%RSD	171.7745	75.31574	97.48212	3342.228	91.41667	107.5370	341.9735

#1	.0000096	-.000296	.0096618	.0003692	.0005468	.0003094	.0017662
#2	.0001230	-.000398	.0003082	-.000034	-.000010	-.000020	.0061776
#3	-.000008	-.000040	.0044536	-.000305	.000734	.000661	-.003633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002508	-.000406	.0007055	.0002166	-.033896	.0004064	-.002012
Stddev	.0004189	.013042	.0004006	.0003363	.084420	.0015410	.007123
%RSD	167.0647	3213.570	56.77897	155.2902	249.0526	379.2185	353.9975

#1	.0003464	.006272	.0011581	.0005797	-.062220	-.000853	-.004300
#2	-.000208	-.015435	.0003966	-.000084	.061043	-.000052	-.007710
#3	.000614	.007945	.0005618	.000154	-.100513	.002125	.005974

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1788124	-.000671	.0010685	.0003371	.0004241	-.001564	-.002014
Stddev	.0645442	.000218	.0005838	.0000711	.0007799	.000770	.001238
%RSD	36.09605	32.45293	54.63387	21.10841	183.9224	49.23895	61.48852

#1	.1152244	-.000876	.0015552	.0003987	.0002664	-.002192	-.003201
#2	.2442721	-.000442	.0004213	.0002592	.0012708	-.001795	-.000730
#3	.1769407	-.000695	.0012290	.0003534	-.000265	-.000705	-.002111

Sample Name: PB140825BL Acquired: 11/18/2021 15:09:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW825 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001377	.0020505	-.000015
Stddev	.0007078	.0004639	.000113
%RSD	514.1655	22.62206	748.1212

#1	-.000663	.0016674	-.000135
#2	.000398	.0019178	-.000001
#3	.000678	.0025662	.000090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.4128	36930.74	6177.075	970.3443	1621.528
Stddev	.6493	114.59	18.820	3.4421	2.179
%RSD	.0708494	.3102859	.3046737	.3547295	.1343506

#1	915.7091	37043.90	6195.225	972.9171	1620.184
#2	916.9886	36814.77	6157.650	971.6816	1624.042
#3	916.5408	36933.54	6178.350	966.4343	1620.359

Sample Name: PB140825BS Acquired: 11/18/2021 15:14:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS825 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0305553	.0455875	.0218468	.0700777	.1128369	.3801696
Stddev	.0112924	.0031843	.0031673	.0029435	.0021102	.0081146
%RSD	36.95714	6.984921	14.49779	4.200330	1.870110	2.134482

#1	.0414542	.0474754	.0254413	.0666994	.1149235	.3884428
#2	.0313048	.0473760	.0206341	.0720900	.1128833	.3798427
#3	.0189068	.0419111	.0194650	.0714438	.1107039	.3722233

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3797773	.0102388	.0105673	9.707487	.0209902	.0969596
Stddev	.0028707	.0002462	.0001484	.091062	.0010541	.0003818
%RSD	.7558908	2.404487	1.404592	.9380566	5.021815	.3938188

#1	.3796862	.0103187	.0104224	9.676047	.0200212	.0973066
#2	.3826925	.0104351	.0107190	9.810103	.0221126	.0970216
#3	.3769532	.0099625	.0105605	9.636311	.0208369	.0965505

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514061	.2059471	.0302406	9.331562	.0767131	.0194301
Stddev	.0004205	.0071108	.0004030	.082568	.0008016	.0002427
%RSD	.8180804	3.452743	1.332488	.8848276	1.044985	1.248915

#1	.0518768	.1978156	.0301911	9.327338	.0770775	.0191805
#2	.0512743	.2109993	.0306660	9.416161	.0772677	.0196652
#3	.0510673	.2090265	.0298647	9.251187	.0757939	.0194446

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.279454	.0972510	.1009696	9.507382	F .0023480	.0225068
Stddev	.179788	.0022758	.0028956	.067039	.0004434	.0015404
%RSD	1.937486	2.340090	2.867763	.7051240	18.88540	6.844223

#1	9.135438	.0962521	.1001525	9.564133	.0019433	.0221988
#2	9.480954	.0998554	.0985704	9.524600	.0022787	.0241780
#3	9.221970	.0956455	.1041859	9.433414	.0028220	.0211437

Sample Name: PB140825BS Acquired: 11/18/2021 15:14:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS825 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195970	F .0196748	.1990350	.0109146	.2020676	.0295866
Stddev	.0003659	.0003280	.0023005	.0010366	.0010172	.0007693
%RSD	1.866956	1.667042	1.155819	9.497637	.5033893	2.600071

#1	.0198835	.0194170	.1982924	.0098025	.2031740	.0303272
#2	.0191849	.0200440	.2016151	.0118541	.2011729	.0296410
#3	.0197227	.0195635	.1971976	.0110872	.2018559	.0287915

Elem	Sr4077
Units	ppm
Avg	.2072763
Stddev	.0001197
%RSD	.0577461

#1	.2073205
#2	.2071408
#3	.2073676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.4514	37110.32	6210.400	977.8369	1632.450
Stddev	.9140	121.00	74.269	7.4785	4.215
%RSD	.0997379	.3260600	1.195887	.7647984	.2581838

#1	915.5520	36970.75	6220.023	969.2296	1628.890
#2	916.4227	37185.73	6131.788	982.7440	1631.356
#3	917.3795	37174.48	6279.388	981.5369	1637.103

Sample Name: M4636-01 Acquired: 11/18/2021 15:18:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB8T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050495	.0013181	.0019904	-.001661	-.003491	.0136811	.0561332
Stddev	.0110326	.0062090	.0006158	.003191	.001763	.0091549	.0008249
%RSD	218.4884	471.0595	30.93730	192.1274	50.49855	66.91672	1.469553

#1	.0088713	-.005010	.0025855	-.001002	-.004504	.0197008	.0560818
#2	-.007386	.001563	.0020298	.001149	-.004515	.0181968	.0569825
#3	.013663	.007401	.0013559	-.005129	-.001456	.0031456	.0553351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001855	-.000235	36.30130	.0002328	-.001322	-.000145	.0351042
Stddev	.0000243	.000020	.23476	.0005709	.000205	.004459	.0073774
%RSD	13.08290	8.650215	.6466901	245.2657	15.50872	3083.070	21.01586

#1	.0001854	-.000240	36.11693	.0008885	-.001175	-.001521	.0279802
#2	.0001613	-.000213	36.56558	-.000154	-.001557	.004840	.0346210
#3	.0002098	-.000253	36.22138	-.000036	-.001235	-.003753	.0427114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181927	19.84157	.0010945	.0002864	2.068272	-.000401	-.000372
Stddev	.0005460	.15356	.0006221	.0001592	.180596	.001865	.004083
%RSD	3.001342	.7739428	56.84307	55.59112	8.731723	464.9440	1098.453

#1	.0188231	19.67166	.0007223	.0001084	1.933804	-.001240	-.003145
#2	.0178685	19.97044	.0007485	.0003355	2.273541	-.001699	-.002287
#3	.0178866	19.88262	.0018127	.0004153	1.997471	.001736	.004317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9563897	.0005824	.0090889	-.000401	.2375328	4.120211	-.002969
Stddev	.0366566	.0006969	.0009770	.000438	.0006182	.009169	.001083
%RSD	3.832805	119.6597	10.74917	109.2789	.2602724	.2225425	36.48978

#1	.9202523	.0003788	.0080174	-.000113	.2369916	4.119375	-.002651
#2	.9935442	.0013584	.0099303	-.000905	.2374003	4.129770	-.004176
#3	.9553727	.0000100	.0093191	-.000185	.2382065	4.111489	-.002081

Sample Name: M4636-01 Acquired: 11/18/2021 15:18:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB8T9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000793	-.003605	.0365430
Stddev	.001547	.001223	.0002264
%RSD	195.1455	33.93251	.6196392

#1	-.001746	-.003081	.0362825
#2	-.001624	-.005004	.0366927
#3	.000992	-.002732	.0366537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	960.0074	38781.26	6452.647	1030.786	1692.836
Stddev	3.1448	89.25	43.172	4.152	3.175
%RSD	.3275848	.2301464	.6690525	.4028379	.1875612

#1	961.3176	38876.22	6494.519	1032.311	1696.279
#2	962.2853	38768.46	6408.283	1033.959	1692.207
#3	956.4193	38699.10	6455.140	1026.086	1690.023

Sample Name: M4636-01LX5 Acquired: 11/18/2021 15:30:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB8T9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001230	-.006305	.0008393	-.000154	-.000526	-.001117	.0102599
Stddev	.008388	.003251	.0004385	.004304	.002001	.005804	.0006286
%RSD	681.9230	51.56029	52.24115	2792.649	380.1442	519.7427	6.127116

#1	.006488	-.008891	.0013347	.002620	.001773	-.007806	.0096676
#2	-.000022	-.002656	.0005012	.002030	-.001481	.001875	.0109194
#3	-.010157	-.007367	.0006820	-.005112	-.001871	.002581	.0101927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001021	-.000220	6.930199	-.000639	-.000081	.0004281	.0086085
Stddev	.0000552	.000060	.014363	.000436	.000518	.0023486	.0049701
%RSD	54.09441	27.49509	.2072474	68.15142	638.5841	548.6573	57.73444

#1	.0001579	-.000157	6.923088	-.000930	.000300	.0023143	.0047528
#2	.0000475	-.000277	6.946730	-.000849	-.000670	-.002202	.0068550
#3	.0001010	-.000226	6.920780	-.000138	.000127	.001172	.0142176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030909	3.738729	.0006648	.0002347	.3713535	.0004839	-.000163
Stddev	.0006628	.010248	.0006616	.0002138	.1318596	.0012855	.002551
%RSD	21.44540	.2740994	99.51066	91.08266	35.50783	265.6586	1569.053

#1	.0023257	3.750538	.0001363	.0000062	.4105201	.0006249	.002199
#2	.0034885	3.732167	.0004514	.0002682	.4791926	.0016931	-.002868
#3	.0034584	3.733483	.0014068	.0004298	.2243480	-.000866	.000181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2406297	-.000790	.0029175	-.000022	.0439526	.7661880	-.002740
Stddev	.0465639	.000523	.0025166	.000299	.0002113	.0011076	.002176
%RSD	19.35086	66.16892	86.25834	1381.778	.4807574	.1445650	79.39812

#1	.2000625	-.000829	.0002858	.000216	.0441965	.7649933	-.000245
#2	.2303532	-.001293	.0031662	.000076	.0438368	.7671808	-.004241
#3	.2914735	-.000249	.0053004	-.000357	.0438245	.7663899	-.003735

Sample Name: M4636-01LX5 Acquired: 11/18/2021 15:30:30 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB8T9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000987	.0003520	.0069949
Stddev	.0003429	.0017180	.0001251
%RSD	347.3544	488.0520	1.788251

#1	.0004947	-.001628	.0070314
#2	-.000096	.001446	.0068556
#3	-.000103	.001238	.0070976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.0575	37212.81	6277.508	978.2640	1630.087
Stddev	2.8568	45.09	8.590	4.6694	8.284
%RSD	.3105024	.1211646	.1368443	.4773177	.5081632

#1	921.9588	37160.75	6286.225	983.4981	1629.522
#2	916.7723	37238.82	6269.050	974.5259	1622.101
#3	921.4414	37238.87	6277.250	976.7679	1638.639

Sample Name: M4636-03 Acquired: 11/18/2021 15:26:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB8T9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418123	.0458907	.0212228	.0576984	.1000984	1.994890	2.132711
Stddev	.0056174	.0058284	.0009754	.0007114	.0025830	.005180	.003146
%RSD	13.43487	12.70073	4.596172	1.233039	2.580505	.2596550	.1475325

#1	.0456097	.0519721	.0215020	.0578127	.0983186	1.998204	2.129292
#2	.0353595	.0453464	.0220282	.0583458	.0989156	1.997546	2.135486
#3	.0444678	.0403534	.0201382	.0569367	.1030611	1.988921	2.133355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578917	.0552148	36.85722	.2349262	.5337047	.2618721	1.179673
Stddev	.0004011	.0001570	.03331	.0008228	.0011795	.0068162	.014249
%RSD	.6927726	.2843764	.0903677	.3502145	.2210090	2.602864	1.207870

#1	.0581672	.0550537	36.86178	.2341705	.5349434	.2568084	1.194902
#2	.0580764	.0553674	36.88800	.2348054	.5325949	.2696221	1.177452
#3	.0574316	.0552232	36.82186	.2358026	.5335760	.2591857	1.166665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5408648	20.09946	.5266192	.0474890	2.154503	.5349142	.4873458
Stddev	.0036198	.03350	.0012097	.0002253	.179751	.0077886	.0091450
%RSD	.6692575	.1666598	.2297054	.4745041	8.343060	1.456038	1.876481

#1	.5392690	20.06622	.5257670	.0475137	2.291440	.5330166	.4781275
#2	.5450083	20.13321	.5280038	.0477010	2.221115	.5434762	.4874944
#3	.5383171	20.09895	.5260870	.0472523	1.950954	.5282498	.4964156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026980	.0029429	.0108434	-.000456	.2372363	4.148679	-.002583
Stddev	.045957	.0002226	.0003139	.000313	.0019971	.010886	.001768
%RSD	4.474999	7.564171	2.894389	68.71016	.8418098	.2624016	68.44001

#1	.995898	.0026907	.0105869	-.000235	.2351828	4.158192	-.004150
#2	1.079771	.0031119	.0111934	-.000317	.2391717	4.151038	-.000666
#3	1.005272	.0030261	.0107499	-.000814	.2373546	4.136806	-.002933

Sample Name: M4636-03 Acquired: 11/18/2021 15:26:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB8T9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002003	-.002534	.0359696
Stddev	.001034	.000826	.0001944
%RSD	51.62651	32.59651	.5403291

#1	-.003113	-.003429	.0359814
#2	-.001066	-.002372	.0361579
#3	-.001830	-.001802	.0357697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.9009	38256.83	6428.020	1010.603	1683.658
Stddev	2.8350	156.00	12.878	3.897	1.262
%RSD	.2981364	.4077774	.2003483	.3855974	.0749585

#1	950.0540	38401.47	6424.526	1014.907	1683.134
#2	954.0628	38277.49	6417.249	1009.587	1682.742
#3	948.5859	38091.52	6442.285	1007.315	1685.097

Sample Name: M4636-01LX5 Acquired: 11/18/2021 15:30:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB8T9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001230	-.006305	.0008393	-.000154	-.000526	-.001117	.0102599
Stddev	.008388	.003251	.0004385	.004304	.002001	.005804	.0006286
%RSD	681.9230	51.56029	52.24115	2792.649	380.1442	519.7427	6.127116

#1	.006488	-.008891	.0013347	.002620	.001773	-.007806	.0096676
#2	-.000022	-.002656	.0005012	.002030	-.001481	.001875	.0109194
#3	-.010157	-.007367	.0006820	-.005112	-.001871	.002581	.0101927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001021	-.000220	6.930199	-.000639	-.000081	.0004281	.0086085
Stddev	.0000552	.000060	.014363	.000436	.000518	.0023486	.0049701
%RSD	54.09441	27.49509	.2072474	68.15142	638.5841	548.6573	57.73444

#1	.0001579	-.000157	6.923088	-.000930	.000300	.0023143	.0047528
#2	.0000475	-.000277	6.946730	-.000849	-.000670	-.002202	.0068550
#3	.0001010	-.000226	6.920780	-.000138	.000127	.001172	.0142176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030909	3.738729	.0006648	.0002347	.3713535	.0004839	-.000163
Stddev	.0006628	.010248	.0006616	.0002138	.1318596	.0012855	.002551
%RSD	21.44540	.2740994	99.51066	91.08266	35.50783	265.6586	1569.053

#1	.0023257	3.750538	.0001363	.0000062	.4105201	.0006249	.002199
#2	.0034885	3.732167	.0004514	.0002682	.4791926	.0016931	-.002868
#3	.0034584	3.733483	.0014068	.0004298	.2243480	-.000866	.000181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2406297	-.000790	.0029175	-.000022	.0439526	.7661880	-.002740
Stddev	.0465639	.000523	.0025166	.000299	.0002113	.0011076	.002176
%RSD	19.35086	66.16892	86.25834	1381.778	.4807574	.1445650	79.39812

#1	.2000625	-.000829	.0002858	.000216	.0441965	.7649933	-.000245
#2	.2303532	-.001293	.0031662	.000076	.0438368	.7671808	-.004241
#3	.2914735	-.000249	.0053004	-.000357	.0438245	.7663899	-.003735

Sample Name: M4636-01LX5 Acquired: 11/18/2021 15:30:30 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB8T9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000987	.0003520	.0069949
Stddev	.0003429	.0017180	.0001251
%RSD	347.3544	488.0520	1.788251

#1	.0004947	-.001628	.0070314
#2	-.000096	.001446	.0068556
#3	-.000103	.001238	.0070976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.0575	37212.81	6277.508	978.2640	1630.087
Stddev	2.8568	45.09	8.590	4.6694	8.284
%RSD	.3105024	.1211646	.1368443	.4773177	.5081632

#1	921.9588	37160.75	6286.225	983.4981	1629.522
#2	916.7723	37238.82	6269.050	974.5259	1622.101
#3	921.4414	37238.87	6277.250	976.7679	1638.639

Sample Name: M4636-05 Acquired: 11/18/2021 15:34:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB8W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001509	.0015020	.0017890	-.002632	-.004661	.0239235	.0470259
Stddev	.006474	.0043131	.0012661	.001270	.002287	.0119013	.0007041
%RSD	429.0512	287.1511	70.76845	48.23620	49.08137	49.74727	1.497220

#1	-.001536	-.000355	.0004123	-.002637	-.003339	.0359681	.0463008
#2	.004978	.006433	.0020516	-.003900	-.007302	.0121709	.0470699
#3	-.007969	-.001571	.0029032	-.001360	-.003341	.0236315	.0477069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002363	-.000256	37.92271	-.000154	-.001082	-.000393	.0297904
Stddev	.0000888	.000111	.20039	.000048	.000286	.003733	.0118782
%RSD	37.58279	43.42900	.5284238	31.18218	26.42409	950.4252	39.87250

#1	.0001349	-.000202	37.86319	-.000207	-.000752	.003185	.0204008
#2	.0003002	-.000384	38.14611	-.000114	-.001241	-.000100	.0258268
#3	.0002738	-.000182	37.75881	-.000141	-.001252	-.004263	.0431436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068325	20.71363	.0007891	.0003758	3.550783	-.003467	-.002677
Stddev	.0002103	.07761	.0002559	.0003083	.052668	.002534	.002614
%RSD	3.077794	.3746583	32.42923	82.02374	1.483289	73.08932	97.63524

#1	.0066236	20.75807	.0009656	.0000615	3.538914	-.000663	-.005518
#2	.0070441	20.75879	.0004956	.0006776	3.505061	-.005592	-.002139
#3	.0068299	20.62402	.0009061	.0003883	3.608372	-.004146	-.000374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.164386	.0013533	.0094626	-.000236	.3357786	4.690033	-.003167
Stddev	.081753	.0007566	.0003219	.000580	.0010383	.035730	.003159
%RSD	7.021146	55.90741	3.401581	245.6435	.3092193	.7618197	99.72920

#1	1.232751	.0017838	.0092735	-.000386	.3349466	4.663220	.000408
#2	1.186580	.0004797	.0092800	-.000726	.3369422	4.730595	-.005581
#3	1.073828	.0017965	.0098342	.000404	.3354471	4.676284	-.004328

Sample Name: M4636-05 Acquired: 11/18/2021 15:34:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB8W0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002087	-.003676	.0406104
Stddev	.0006227	.001649	.0001628
%RSD	298.3728	44.85484	.4007999

#1	.0002054	-.005556	.0407103
#2	.0008330	-.002998	.0406984
#3	-.000412	-.002475	.0404226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	953.3603	38445.97	6401.484	1013.532	1686.243
Stddev	1.6635	69.47	28.497	3.503	2.062
%RSD	.1744925	.1807010	.4451618	.3455823	.1222982

#1	954.7506	38383.69	6403.727	1009.638	1687.391
#2	951.5172	38433.32	6371.931	1016.427	1683.863
#3	953.8131	38520.90	6428.792	1014.530	1687.477

Sample Name: PB140797BS Acquired: 11/18/2021 15:42:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS797 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145242	.0449140	.0216947	.0706208	.1108835	.3759037
Stddev	.0080528	.0025922	.0012970	.0028674	.0034771	.0065016
%RSD	55.44427	5.771455	5.978441	4.060277	3.135812	1.729592

#1	.0060964	.0459609	.0224458	.0706733	.1090410	.3818320
#2	.0153355	.0419620	.0224412	.0677274	.1087155	.3689505
#3	.0221406	.0468189	.0201970	.0734615	.1148941	.3769287

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3804672	.0101763	.0102564	9.751681	.0202537	.0966382
Stddev	.0020360	.0000457	.0001566	.043189	.0008459	.0005815
%RSD	.5351275	.4491594	1.526827	.4428910	4.176596	.6017134

#1	.3804376	.0101324	.0103256	9.735407	.0210149	.0961707
#2	.3825178	.0102236	.0100771	9.800643	.0204032	.0964544
#3	.3784461	.0101729	.0103665	9.718993	.0193430	.0972893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498592	.2018124	.0303251	9.289021	.0762422	.0188272
Stddev	.0025575	.0100812	.0004693	.012502	.0006266	.0003349
%RSD	5.129368	4.995320	1.547620	.1345891	.8218512	1.778714

#1	.0481342	.2020790	.0301160	9.274821	.0761765	.0187288
#2	.0527975	.2117576	.0308627	9.298373	.0768991	.0192003
#3	.0486459	.1916006	.0299968	9.293869	.0756511	.0185526

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.450622	.0996293	.1069245	9.501433	F .0021499	.0213423
Stddev	.099711	.0068139	.0022174	.049442	.0000936	.0016290
%RSD	1.055076	6.839239	2.073798	.5203617	4.353578	7.632633

#1	9.362542	.1074756	.1060886	9.522959	.0021562	.0226244
#2	9.558879	.0952007	.1094384	9.444877	.0022402	.0195093
#3	9.430446	.0962116	.1052466	9.536463	.0020533	.0218931

Sample Name: PB140797BS Acquired: 11/18/2021 15:42:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS797 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194782	F .0208847	.1975619	.0110426	.2028514	.0286535
Stddev	.0002823	.0008684	.0002081	.0014894	.0002470	.0009164
%RSD	1.449053	4.157943	.1053115	13.48813	.1217602	3.198033
#1	.0196650	.0218144	.1977438	.0093418	.2026694	.0295185
#2	.0196160	.0207450	.1973350	.0121139	.2027523	.0287488
#3	.0191535	.0200946	.1976069	.0116722	.2031326	.0276932

Elem	Sr4077
Units	ppm
Avg	.2080379
Stddev	.0009402
%RSD	.4519458
#1	.2091071
#2	.2076661
#3	.2073404

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.8240	36819.56	6224.945	969.4476	1633.060
Stddev	1.4354	133.55	54.179	7.9086	1.763
%RSD	.1567324	.3627251	.8703542	.8157816	.1079426
#1	915.1058	36665.49	6166.825	960.3847	1631.556
#2	914.8896	36902.27	6233.958	974.9502	1632.623
#3	917.4768	36890.94	6274.053	973.0080	1635.000

Sample Name: M4486-15DLX2 Acquired: 11/18/2021 15:53:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072933	-.006772	1.161467	-.001102	-.001759	28.25836	.4987304
Stddev	.0057364	.002108	.005676	.003113	.002680	.03595	.0027586
%RSD	78.65360	31.12926	.4887117	282.4532	152.3656	.1272199	.5531174

#1	.0102684	-.004454	1.161075	-.004585	-.004065	28.25210	.5009697
#2	.0006805	-.007287	1.155997	.001408	-.002393	28.29702	.4995725
#3	.0109310	-.008575	1.167329	-.000129	.001181	28.22594	.4956489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050550	.1372283	11.94190	.0414292	.0448867	.0982019	49.16863
Stddev	.0000681	.0004559	.10787	.0002307	.0000919	.0019294	.20647
%RSD	1.346259	.3322472	.9032878	.5567588	.2047810	1.964678	.4199285

#1	.0051210	.1369019	12.04938	.0411699	.0448234	.0969651	49.33357
#2	.0050589	.1370337	11.94266	.0416117	.0448445	.1004251	49.23524
#3	.0049850	.1377492	11.83365	.0415059	.0449921	.0972157	48.93707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.202128	3.589875	.0973192	-.003336	.2245370	.0811548	17.34213
Stddev	.017160	.024651	.0007788	.000400	.2333432	.0027702	.11440
%RSD	.7792615	.6866778	.8002684	11.99870	103.9219	3.413474	.6596930

#1	2.219649	3.609629	.0982175	-.003653	-.041864	.0841466	17.45617
#2	2.201381	3.597746	.0969065	-.002886	.322783	.0786787	17.22736
#3	2.185353	3.562249	.0968337	-.003467	.392692	.0806391	17.34286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.953808	.1893670	.0357800	.0009594	.4277586	8.490136	-.000074
Stddev	.031421	.0011541	.0010654	.0005017	.0007043	.073226	.003295
%RSD	1.608187	.6094344	2.977665	52.28829	.1646393	.8624876	4445.368

#1	1.983849	.1884586	.0361546	.0012213	.4269621	8.542329	.001681
#2	1.956405	.1906656	.0345779	.0012760	.4280148	8.521650	.001972
#3	1.921169	.1889769	.0366076	.0003810	.4282990	8.406428	-.003875

Sample Name: M4486-15DLX2 Acquired: 11/18/2021 15:53:40 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7Y7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2296636	.0126780	-.017338
Stddev	.0008169	.0012837	.000251
%RSD	.3556832	10.12536	1.444948

#1	.2287763	.0139248	-.017361
#2	.2303844	.0127487	-.017576
#3	.2298301	.0113604	-.017077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1030.543	41617.42	7039.730	1093.473	1640.094
Stddev	1.904	64.35	58.846	8.220	1.500
%RSD	.1847255	.1546285	.8359121	.7517374	.0914579

#1	1028.511	41638.26	6989.207	1084.057	1639.035
#2	1032.285	41668.77	7025.643	1099.218	1639.436
#3	1030.832	41545.23	7104.341	1097.145	1641.810

Sample Name: M4486-16DLX2 Acquired: 11/18/2021 15:57:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022313	-.003762	1.153813	.0002210	.0009284	28.35508	.4999755
Stddev	.0060034	.003886	.004235	.0029185	.0021913	.04822	.0023818
%RSD	269.0553	103.3101	.3670059	1320.671	236.0244	.1700490	.4763917

#1	-.003499	-.001907	1.150846	-.000148	.0032267	28.41074	.5027103
#2	.008475	-.001150	1.158663	-.002496	.0006959	28.32611	.4988615
#3	.001717	-.008227	1.151932	.003306	-.001137	28.32840	.4983549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051749	.1368611	11.89682	.0400974	.0458597	.0977748	50.29014
Stddev	.0000544	.0002025	.01279	.0003707	.0006077	.0008734	.07858
%RSD	1.050262	.1479517	.1075190	.9244342	1.325083	.8932550	.1562453

#1	.0051152	.1368735	11.91037	.0397592	.0451823	.0978334	50.37478
#2	.0052215	.1370571	11.89512	.0404937	.0460402	.0968736	50.21952
#3	.0051879	.1366527	11.88496	.0400392	.0463567	.0986174	50.27613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.322377	3.602419	.0991606	-.003531	.1072217	.0801937	17.59519
Stddev	.009049	.015582	.0009285	.000551	.0268505	.0029497	.09272
%RSD	.3896456	.4325410	.9363058	15.60304	25.04204	3.678187	.5269564

#1	2.332802	3.612297	.0985766	-.003258	.1315159	.0781826	17.49170
#2	2.316551	3.610504	.1002312	-.003169	.0783925	.0835798	17.67068
#3	2.317778	3.584456	.0986739	-.004165	.1117568	.0788186	17.62318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.950373	.1912682	.0369329	.0011282	.4234125	8.572993	.0016692
Stddev	.052462	.0007677	.0013657	.0001031	.0011559	.040222	.0014728
%RSD	2.689852	.4013905	3.697838	9.136078	.2730054	.4691739	88.23156

#1	1.922070	.1906407	.0363417	.0010942	.4226469	8.608427	.0018898
#2	2.010909	.1921243	.0384946	.0010465	.4247421	8.581279	.0030193
#3	1.918142	.1910397	.0359623	.0012440	.4228483	8.529273	.0000986

Sample Name: M4486-16DLX2 Acquired: 11/18/2021 15:57:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7Y7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2272841	.0143146	-.018367
Stddev	.0013649	.0007994	.000140
%RSD	.6005350	5.584251	.7626827

#1	.2288438	.0133922	-.018502
#2	.2267007	.0148056	-.018376
#3	.2263078	.0147459	-.018222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1034.263	41951.44	7021.095	1098.463	1643.490
Stddev	1.849	37.55	17.064	5.073	4.335
%RSD	.1787501	.0895082	.2430383	.4618080	.2637640

#1	1034.761	41991.68	7012.657	1104.320	1642.164
#2	1032.216	41945.31	7009.894	1095.597	1639.973
#3	1035.811	41917.33	7040.734	1095.472	1648.334

Sample Name: M4486-17DLX2 Acquired: 11/18/2021 16:01:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475853	.0332500	1.530580	.0372577	.0217141	32.62964	2.369375
Stddev	.0115060	.0078069	.003689	.0063962	.0006666	.08399	.005241
%RSD	24.17981	23.47957	.2410377	17.16737	3.069692	.2573911	.2212154

#1	.0580861	.0253299	1.527351	.0379506	.0224832	32.72322	2.375355
#2	.0493840	.0409386	1.529788	.0305433	.0213535	32.56081	2.365575
#3	.0352859	.0334814	1.534601	.0432791	.0213055	32.60487	2.367197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525378	.1895377	13.41197	.2481826	.5676386	.3346312	50.68009
Stddev	.0001478	.0006489	.04877	.0009210	.0007028	.0039865	.14083
%RSD	.2812595	.3423657	.3635931	.3711156	.1238044	1.191302	.2778842

#1	.0523713	.1888720	13.40292	.2472665	.5671247	.3363562	50.63418
#2	.0526533	.1901684	13.36837	.2491085	.5684394	.3374647	50.56795
#3	.0525888	.1895728	13.46463	.2481729	.5673518	.3300727	50.83815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.373094	4.268324	.6071870	.0367131	.1116902	.5447953	19.24089
Stddev	.007752	.041512	.0002048	.0005738	.0341209	.0014556	.14445
%RSD	.3266468	.9725582	.0337235	1.562790	30.54962	.2671750	.7507373

#1	2.371953	4.281664	.6073201	.0367487	.0848773	.5458940	19.36556
#2	2.365977	4.221782	.6072896	.0361224	.1000959	.5453474	19.08260
#3	2.381353	4.301526	.6069512	.0372682	.1500975	.5431445	19.27452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.202244	.1978539	.0376324	.0012479	.5828169	8.947853	-.000014
Stddev	.020948	.0005718	.0013318	.0004799	.0010815	.016825	.002213
%RSD	.9512236	.2889899	3.538956	38.45411	.1855674	.1880373	15497.14

#1	2.188391	.1971938	.0381084	.0007140	.5835061	8.930570	-.001352
#2	2.226343	.1981925	.0361280	.0016431	.5815704	8.964179	-.001231
#3	2.191996	.1981755	.0386607	.0013866	.5833742	8.948810	.002540

Sample Name: M4486-17DLX2 Acquired: 11/18/2021 16:01:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2633339	.0159144	-.015973
Stddev	.0007492	.0009664	.000116
%RSD	.2845043	6.072212	.7263185

#1	.2641640	.0149463	-.015961
#2	.2627080	.0159177	-.015863
#3	.2631298	.0168790	-.016094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1032.461	41870.84	7045.787	1100.757	1639.330
Stddev	.495	199.21	18.385	6.619	1.753
%RSD	.0479452	.4757807	.2609386	.6013256	.1069356

#1	1032.004	41989.09	7060.639	1095.924	1641.343
#2	1032.987	41982.60	7051.497	1108.302	1638.507
#3	1032.393	41640.84	7025.224	1098.047	1638.139

Sample Name: M4486-15LDLX10 Acquired: 11/18/2021 16:05:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007690	-.005637	.2239571	-.004867	-.003098	5.870817	.1034940
Stddev	.001181	.004568	.0006597	.003314	.002753	.018427	.0007162
%RSD	15.35304	81.03705	.2945756	68.09117	88.85163	.3138695	.6920030

#1	-.006858	-.009736	.2245281	-.006761	-.004786	5.858201	.1033814
#2	-.007171	-.000712	.2241084	-.001040	.000078	5.891963	.1042598
#3	-.009041	-.006464	.2232349	-.006801	-.004587	5.862286	.1028408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011506	.0264876	2.471636	.0078095	.0091930	.0198547	10.37954
Stddev	.0000440	.0001413	.006347	.0004369	.0002593	.0013989	.08532
%RSD	3.825781	.5333840	.2567956	5.594012	2.821096	7.045777	.8219852

#1	.0011632	.0264196	2.470154	.0082795	.0090544	.0188293	10.33572
#2	.0011869	.0266500	2.478593	.0077331	.0090323	.0192865	10.47787
#3	.0011016	.0263932	2.466162	.0074159	.0094921	.0214484	10.32504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4722910	.7288662	.0187153	-.000775	-.192035	.0156003	3.773919
Stddev	.0015504	.0065691	.0004033	.000096	.073460	.0015342	.026189
%RSD	.3282652	.9012760	2.154765	12.44135	38.25373	9.834229	.6939430

#1	.4706303	.7232538	.0191374	-.000842	-.121382	.0147128	3.773771
#2	.4737002	.7360916	.0186746	-.000819	-.186709	.0173718	3.747805
#3	.4725425	.7272533	.0183340	-.000665	-.268013	.0147163	3.800182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5343545	.0356056	.0071483	.0004002	.0813306	1.802076	.0002052
Stddev	.0842807	.0004163	.0008574	.0004763	.0010620	.005803	.0002806
%RSD	15.77242	1.169189	11.99437	118.9964	1.305809	.3219945	136.7346

#1	.4423220	.0353132	.0066474	-.000048	.0809187	1.799274	.0001565
#2	.5529711	.0360822	.0066592	.000900	.0805362	1.808748	-.000048
#3	.6077704	.0354213	.0081383	.000349	.0825368	1.798206	.000507

Sample Name: M4486-15LDLX10 Acquired: 11/18/2021 16:05:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0470739	.0012680	-.003743
Stddev	.0008725	.0009062	.000075
%RSD	1.853530	71.46964	1.991511

#1	.0461570	.0008088	-.003667
#2	.0478940	.0023119	-.003816
#3	.0471706	.0006833	-.003746

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	945.4214	38139.26	6377.808	1006.514	1641.122
Stddev	1.7369	267.35	23.530	9.276	4.637
%RSD	.1837173	.7009727	.3689278	.9215980	.2825746

#1	943.6698	37874.75	6350.825	1004.397	1636.148
#2	945.4511	38409.35	6394.050	1016.665	1641.893
#3	947.1433	38133.68	6388.550	998.479	1645.326

Sample Name: M4883-14 Acquired: 11/18/2021 16:09:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846617	-.015857	4.356428	-.018324	.0061798	93.40263	13.42367
Stddev	.0170900	.003607	.009294	.004045	.0010502	.19018	.14869
%RSD	20.18618	22.74852	.2133450	22.07579	16.99387	.2036104	1.107686

#1	.0662094	-.013322	4.352188	-.014107	.0072394	93.57842	13.25869
#2	.0878297	-.014263	4.350009	-.018691	.0061606	93.42871	13.54734
#3	.0999460	-.019987	4.367086	-.022172	.0051393	93.20075	13.46499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123562	-.000106	16.93816	.2648234	.2755281	.2132222	318.1593
Stddev	.0000434	.000296	.07289	.0018445	.0004752	.0006830	.4732
%RSD	.3508166	280.2953	.4303302	.6964953	.1724824	.3203163	.1487177

#1	.0123475	.000016	16.93020	.2668665	.2758950	.2131485	318.5337
#2	.0124033	.000110	16.86957	.2643227	.2749913	.2125790	317.6275
#3	.0123179	-.000444	17.01470	.2632810	.2756980	.2139390	318.3167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.09525	13.31748	.1264584	-.021708	1.360255	.5589641	5.990478
Stddev	.01774	.06521	.0010474	.000621	.124241	.0021713	.006737
%RSD	.1466497	.4896613	.8282848	2.860286	9.133637	.3884467	.1124609

#1	12.11088	13.35784	.1255952	-.022247	1.498800	.5565207	5.982797
#2	12.07597	13.24225	.1276237	-.021848	1.258737	.5596990	5.993250
#3	12.09890	13.35235	.1261563	-.021029	1.323227	.5606725	5.995386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.177213	.2259784	.1971044	.0101618	.3713024	29.19138	.0099587
Stddev	.062581	.0010875	.0033142	.0006068	.0007471	.29793	.0015452
%RSD	1.208783	.4812214	1.681466	5.971182	.2012002	1.020607	15.51612

#1	5.240377	.2256947	.1934831	.0095939	.3704603	29.51485	.0081755
#2	5.115231	.2271796	.1999869	.0108012	.3715614	28.92821	.0107961
#3	5.176032	.2250610	.1978434	.0100904	.3718855	29.13109	.0109044

Sample Name: M4883-14 Acquired: 11/18/2021 16:09:53 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151033	.0504686	-.156510
Stddev	.002062	.0005172	.000509
%RSD	.1791655	1.024848	.3249116

#1	1.151237	.0499665	-.156972
#2	1.148875	.0504394	-.155965
#3	1.152985	.0509998	-.156593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1025.307	41759.82	6992.482	1089.164	1627.297
Stddev	.914	246.74	14.862	4.802	1.775
%RSD	.0891578	.5908485	.2125368	.4408854	.1091062

#1	1026.148	41901.06	6980.414	1093.993	1626.693
#2	1025.438	41474.92	6987.949	1084.390	1629.295
#3	1024.334	41903.48	7009.082	1089.107	1625.901

Sample Name: M4486-04DLX4 Acquired: 11/18/2021 16:14:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB18245 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454911	-.002011	.3095048	.0016757	.0019852	19.70933	1.877393
Stddev	.0048711	.002842	.0035638	.0039144	.0005258	.06081	.005981
%RSD	10.70773	141.3030	1.151450	233.6022	26.48804	.3085245	.3185729

#1	.0404042	-.004726	.3099207	.0061759	.0025051	19.67185	1.876266
#2	.0501130	.000942	.3128425	-.000209	.0019969	19.67664	1.872055
#3	.0459560	-.002249	.3057514	-.000940	.0014536	19.77949	1.883857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046523	.0062374	12.66794	.1004797	.2066318	.0341277	134.7485
Stddev	.0000806	.0001508	.03381	.0005500	.0007568	.0015037	.4903
%RSD	1.732015	2.417654	.2669251	.5474063	.3662679	4.406087	.3638319

#1	.0046223	.0063720	12.63205	.0998742	.2074982	.0332116	134.9512
#2	.0045910	.0060744	12.67256	.1006162	.2062975	.0358632	134.1894
#3	.0047436	.0062658	12.69921	.1009486	.2060996	.0333085	135.1049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.76932	3.427470	.0544310	-.010743	.2888344	.2643403	1.510303
Stddev	.04363	.034374	.0002559	.000162	.0990839	.0014739	.015698
%RSD	.2324618	1.002898	.4701121	1.510959	34.30475	.5575691	1.039422

#1	18.79802	3.449934	.0541364	-.010595	.1903446	.2646540	1.528191
#2	18.71911	3.387899	.0545986	-.010717	.2876567	.2627348	1.503898
#3	18.79084	3.444577	.0545578	-.010917	.3885020	.2656320	1.498820

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.400627	.3298696	.0853065	.0046637	.0209081	3.285509	.0079507
Stddev	.030732	.0015707	.0039245	.0007067	.0004860	.010339	.0028330
%RSD	2.194140	.4761590	4.600414	15.15320	2.324445	.3146925	35.63186

#1	1.426911	.3295481	.0856092	.0054652	.0203582	3.295859	.0064226
#2	1.366838	.3284845	.0812394	.0041300	.0210861	3.285486	.0112196
#3	1.408132	.3315762	.0890708	.0043960	.0212800	3.275181	.0062098

Sample Name: M4486-04DLX4 Acquired: 11/18/2021 16:14:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB18245 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1012434	.0078671	-.107445
Stddev	.0002758	.0002525	.000496
%RSD	.2724385	3.209541	.4619640

#1	.1010206	.0081016	-.107645
#2	.1011575	.0075998	-.106879
#3	.1015519	.0079000	-.107810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	949.1113	38298.10	6443.216	1005.867	1632.533
Stddev	2.0613	70.04	22.038	8.421	2.058
%RSD	.2171796	.1828720	.3420366	.8372178	.1260562

#1	951.3544	38241.29	6417.900	997.128	1634.191
#2	948.6791	38376.35	6453.640	1006.541	1630.230
#3	947.3004	38276.66	6458.109	1013.930	1633.178

Sample Name: M4486-06DLX2 Acquired: 11/18/2021 16:18:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190413	-.006994	.2182237	-.010599	-.000452	13.85397	.4489920
Stddev	.0072716	.004445	.0022734	.003259	.002937	.02984	.0021617
%RSD	38.18838	63.56186	1.041791	30.75216	649.3056	.2153674	.4814653

#1	.0153228	-.009608	.2199862	-.011012	-.002497	13.83164	.4467434
#2	.0274201	-.001861	.2190273	-.007153	-.001772	13.88786	.4510549
#3	.0143809	-.009513	.2156576	-.013632	.002913	13.84242	.4491778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047603	.0832268	3.177486	.5349051	.0534087	.0689531	144.5720
Stddev	.0001048	.0001456	.016008	.0002028	.0003463	.0033754	.6121
%RSD	2.200768	.1749382	.5037993	.0379040	.6484254	4.895138	.4233899

#1	.0048728	.0830628	3.163101	.5347645	.0531204	.0701950	143.9293
#2	.0046656	.0833410	3.174625	.5348132	.0537929	.0715315	145.1480
#3	.0047424	.0832765	3.194731	.5351375	.0533129	.0651327	144.6388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.120109	.3753041	.0262177	-.010129	.3395773	.3276039	18.90260
Stddev	.015072	.0212690	.0002913	.000066	.0381343	.0030363	.13192
%RSD	.4830636	5.667139	1.111249	.6519580	11.22992	.9268106	.6979173

#1	3.104921	.3568807	.0260097	-.010138	.3639624	.3240980	19.03540
#2	3.120344	.3704515	.0265507	-.010190	.2956318	.3293331	18.90085
#3	3.135063	.3985801	.0260927	-.010059	.3591377	.3293805	18.77156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2462618	.2028533	.0901779	.0065353	.1024166	3.092863	.0048277
Stddev	.0902035	.0019563	.0030307	.0002524	.0012325	.028905	.0007074
%RSD	36.62913	.9643781	3.360755	3.862067	1.203457	.9345767	14.65232

#1	.3022129	.2035613	.0934641	.0065135	.1014293	3.066795	.0055710
#2	.1422022	.2006416	.0895766	.0062946	.1020225	3.087845	.0047494
#3	.2943703	.2043570	.0874929	.0067980	.1037980	3.123948	.0041628

Sample Name: M4486-06DLX2 Acquired: 11/18/2021 16:18:11 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5373330	.0013302	-.132296
Stddev	.0013444	.0019970	.000718
%RSD	.2502046	150.1340	.5426667

#1	.5359945	.0002320	-.131497
#2	.5386833	.0001233	-.132887
#3	.5373210	.0036353	-.132503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	945.6405	38197.49	6371.377	1009.473	1651.275
Stddev	1.5989	70.93	42.646	6.019	2.116
%RSD	.1690819	.1857048	.6693385	.5962774	.1281190

#1	943.8899	38117.83	6406.624	1003.324	1652.125
#2	946.0080	38220.81	6383.536	1015.354	1652.833
#3	947.0237	38253.82	6323.972	1009.740	1648.866

Sample Name: CCV054 Acquired: 11/18/2021 16:26:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803475	4.923045	24.54812	4.709486	4.669969	402.1416
Stddev	.008849	.016970	.04264	.023390	.016090	1.6136
%RSD	.1842175	.3447065	.1737166	.4966591	.3445376	.4012545

#1	4.804160	4.936464	24.58867	4.729284	4.676904	400.2807
#2	4.811960	4.928704	24.55204	4.715495	4.651575	402.9896
#3	4.794303	4.903969	24.50365	4.683677	4.681429	403.1543

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.817335	.5015920	2.482483	400.7180	15.22707	2.526954
Stddev	.035243	.0023242	.000509	.9999	.04069	.005350
%RSD	.3589836	.4633555	.0205218	.2495183	.2672085	.2117138

#1	9.777499	.5015988	2.483061	400.2269	15.24777	2.529142
#2	9.830051	.5039127	2.482100	401.8684	15.18019	2.530864
#3	9.844454	.4992644	2.482289	400.0586	15.25324	2.520857

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00566	406.9703	14.81297	395.0450	2.421231	1.247463
Stddev	.03631	.9882	.02086	.6075	.000262	.003022
%RSD	.2419794	.2428181	.1408109	.1537745	.0108209	.2422241

#1	14.96482	405.9617	14.81589	394.4207	2.421360	1.250951
#2	15.01788	407.9368	14.83221	395.6341	2.421404	1.245790
#3	15.03429	407.0123	14.79080	395.0803	2.420930	1.245648

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.2374	2.458583	14.87142	154.3652	F 5.812618	5.136999
Stddev	.9416	.015409	.09854	.2905	.012757	.025151
%RSD	.2352496	.6267474	.6625903	.1881645	.2194670	.4895955

#1	399.1504	2.444250	14.86917	154.4858	5.825878	5.124429
#2	400.7999	2.456620	14.77403	154.0339	5.811543	5.165957
#3	400.7620	2.474880	14.97106	154.5759	5.800432	5.120612

Sample Name: CCV054 Acquired: 11/18/2021 16:26:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.793368	F 5.712671	5.046610	4.954766	5.004795	4.961023
Stddev	.012549	.014853	.035126	.012961	.016704	.011088
%RSD	.2618003	.2600072	.6960320	.2615809	.3337639	.2235059
#1	4.807563	5.729224	5.042212	4.952350	4.985507	4.948348
#2	4.788791	5.708286	5.083728	4.968765	5.014316	4.968926
#3	4.783749	5.700504	5.013890	4.943184	5.014561	4.965796

Elem	Sr4077
Units	ppm
Avg	4.860469
Stddev	.006718
%RSD	.1382123
#1	4.855446
#2	4.857861
#3	4.868100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	781.6890	34069.98	5881.952	845.4432	1325.509
Stddev	3.3961	266.71	20.797	4.3061	2.248
%RSD	.4344544	.7828264	.3535750	.5093270	.1695788
#1	777.7991	33883.36	5861.573	843.1632	1323.087
#2	783.2034	34375.45	5881.139	850.4098	1325.913
#3	784.0643	33951.11	5903.144	842.7564	1327.528

Sample Name: CCB054 Acquired: 11/18/2021 16:30:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000194	-.003510	.0031095	.0035523	-.000052	.0021940
Stddev	.008631	.006426	.0018398	.0065390	.002318	.0048307
%RSD	4446.103	183.0901	59.16774	184.0780	4444.170	220.1805

#1	-.006588	-.004183	.0031334	-.003979	.001744	.0076298
#2	-.003617	-.009572	.0049372	.006856	-.002669	.0005597
#3	.009623	.003226	.0012578	.007780	.000768	-.001608

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000129	.0000955	-.000069	.0032853	.0007359	.0003704
Stddev	.000645	.0000178	.000063	.0015668	.0003422	.0001714
%RSD	498.2974	18.68144	91.47610	47.69167	46.49378	46.28098

#1	-.000612	.0001014	-.000029	.0042300	.0003410	.0003737
#2	-.000380	.0001096	-.000142	.0014767	.0009418	.0001973
#3	.000603	.0000754	-.000036	.0041493	.0009250	.0005401

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006804	.0044645	.0008712	.0231035	.0005014	.0002985
Stddev	.0017055	.0071963	.0005669	.0228812	.0003192	.0003815
%RSD	250.6449	161.1888	65.06759	99.03779	63.65697	127.7861

#1	-.001262	.0120724	.0015106	-.001983	.0004939	.0007025
#2	.001933	-.002234	.0006731	.042827	.0001860	-.000056
#3	.001371	.003555	.0004300	.028465	.0008242	.000249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075598	-.001505	-.001902	.0998787	-.000724	F .0104950
Stddev	.172810	.001636	.004172	.0043716	.000694	.0000841
%RSD	228.5913	108.7327	219.4159	4.376876	95.78700	.8015298

#1	.035885	-.001331	-.003895	.1014624	-.000118	.0104618
#2	.011986	-.003221	-.004703	.0949360	-.001481	.0104326
#3	-.274665	.000038	.002894	.1032377	-.000574	.0105907

Sample Name: CCB054 Acquired: 11/18/2021 16:30:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005194	-.000124	.0016277	-.001976	.0013348	.0005644
Stddev	.0002798	.000714	.0004256	.001917	.0009891	.0010857
%RSD	53.86752	578.0050	26.15018	97.04832	74.10420	192.3558

#1	.0007709	-.000919	.0012789	-.000245	.0016304	.0018167
#2	.0005694	.000086	.0021019	-.004037	.0021424	-.000012
#3	.0002180	.000462	.0015022	-.001646	.0002315	-.000112

Elem	Sr4077
Units	ppm
Avg	-.000047
Stddev	.000047
%RSD	99.87505

#1	.000001
#2	-.000049
#3	-.000093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.9484	36892.56	6178.175	971.9168	1627.920
Stddev	.5041	113.92	25.763	7.2040	1.840
%RSD	.0548602	.3087838	.4169922	.7412126	.1130168

#1	918.6644	36971.42	6152.400	970.5501	1630.037
#2	919.5305	36761.95	6178.200	965.4940	1627.023
#3	918.6504	36944.30	6203.925	979.7062	1626.702

Sample Name: M4608-02 Acquired: 11/18/2021 17:01:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FIELD-BLANK- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058625	.0027050	.0006713	-.003917	-.004142	.0055412	.0010887
Stddev	.0063099	.0012330	.0037042	.007610	.003937	.0053809	.0001031
%RSD	107.6304	45.58263	551.7933	194.3051	95.03370	97.10812	9.470752

#1	.0003890	.0013323	.0016671	-.010039	-.007176	.0106556	.0010344
#2	.0044346	.0030640	.0037758	-.006314	-.005558	.0060394	.0012076
#3	.0127640	.0037186	-.003429	.004604	.000306	-.000072	.0010241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002048	-.000206	.0553247	.0000984	.0009477	.0038908	.0005331
Stddev	.0000352	.000124	.0062511	.0004192	.0002395	.0007482	.0019971
%RSD	17.19758	60.18662	11.29898	426.0988	25.27285	19.23135	374.5934

#1	.0001879	-.000072	.0572134	-.000374	.0006738	.0033142	-.001725
#2	.0002454	-.000317	.0604136	.000428	.0010512	.0036218	.002066
#3	.0001813	-.000228	.0483469	.000241	.0011180	.0047363	.001259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021261	.0149205	.0016362	.0001549	-.003517	-.002314	.0146193
Stddev	.0004174	.0362573	.0001801	.0002507	.228851	.001566	.0015990
%RSD	19.63498	243.0037	11.00623	161.8408	6507.838	67.69934	10.93751

#1	.0016560	-.014572	.0014899	.0003926	.121443	-.003677	.0127734
#2	.0024535	.055401	.0018373	-.000107	.135650	-.000603	.0155071
#3	.0022688	.003932	.0015814	.000179	-.267643	-.002661	.0155774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.764657	.0014982	.0027187	.0004779	.2101236	.0022944	-.004455
Stddev	.061760	.0005062	.0005758	.0005814	.0008520	.0017972	.001403
%RSD	8.076804	33.78561	21.17985	121.6582	.4054686	78.32847	31.49132

#1	-.694788	.0015864	.0029555	-.000159	.2101821	.0041846	-.005670
#2	-.787221	.0009537	.0031383	.000611	.2109449	.0020911	-.004775
#3	-.811962	.0019544	.0020622	.000981	.2092439	.0006075	-.002920

Sample Name: M4608-02 Acquired: 11/18/2021 17:01:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FIELD-BLANK- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000685	-.002526	.0004566
Stddev	.000875	.000777	.0000439
%RSD	127.7463	30.75974	9.621063

#1	-.000723	-.001867	.0004283
#2	.000208	-.002328	.0004342
#3	-.001541	-.003383	.0005072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	975.6512	39151.92	6488.533	1036.593	1716.530
Stddev	4.6884	127.27	6.884	2.407	7.657
%RSD	.4805358	.3250652	.1061020	.2322221	.4460689

#1	978.8813	39241.01	6485.200	1035.803	1720.696
#2	970.2737	39208.61	6483.950	1039.296	1707.693
#3	977.7985	39006.16	6496.450	1034.681	1721.201

Sample Name: M4676-10RE Acquired: 11/18/2021 17:05:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-5-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000676	.0121754	.0040344	.0013294	-.005517	.0600500	.1059251
Stddev	.000964	.0023957	.0018077	.0034857	.004396	.0058987	.0012897
%RSD	142.5023	19.67648	44.80747	262.1889	79.68045	9.822899	1.217508

#1	.000055	.0109370	.0032359	-.002659	-.004650	.0617138	.1073057
#2	-.001769	.0106524	.0061039	.003789	-.010282	.0649380	.1057182
#3	-.000316	.0149368	.0027635	.002859	-.001619	.0534981	.1047514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012562	-.000190	36.23080	.0023424	.0201903	.0028957	.0214881
Stddev	.0000300	.000170	.45813	.0004561	.0005607	.0004914	.0114767
%RSD	2.385613	89.33115	1.264468	19.47020	2.777158	16.97037	53.40939

#1	.0012550	-.000382	36.74674	.0023096	.0197067	.0034114	.0223427
#2	.0012269	-.000060	36.07396	.0019035	.0208049	.0024329	.0325135
#3	.0012868	-.000129	35.87169	.0028139	.0200594	.0028426	.0096080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343759	7.710213	.0547230	-.000121	196.1573	-.001705	.0937757
Stddev	.0011684	.102197	.0005349	.000536	.7233	.000984	.0069832
%RSD	3.399002	1.325476	.9774921	441.9624	.3687543	57.69229	7.446679

#1	.0357099	7.815899	.0546048	-.000125	196.9888	-.002564	.0882510
#2	.0338837	7.611905	.0553072	-.000655	195.6735	-.000632	.0914515
#3	.0335341	7.702835	.0542571	.000416	195.8095	-.001920	.1016246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.259898	-.000813	.0241047	-.000175	1.275842	2.750614	-.003111
Stddev	.064437	.000243	.0007470	.000310	.002360	.022790	.000406
%RSD	1.976663	29.86714	3.098867	177.8152	.1850133	.8285323	13.05782

#1	3.304752	-.001011	.0234483	-.000138	1.278377	2.775760	-.002658
#2	3.186058	-.000542	.0239483	-.000502	1.275441	2.744759	-.003442
#3	3.288883	-.000886	.0249175	.000116	1.273707	2.731323	-.003232

Sample Name: M4676-10RE Acquired: 11/18/2021 17:05:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-5-20211111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001067	-.000013	.2129913
Stddev	.000580	.000572	.0008328
%RSD	54.32265	4406.660	.3909764

#1	-.001243	-.000146	.2133671
#2	-.001539	-.000507	.2120369
#3	-.000420	.000614	.2135699

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.0455	38021.59	6513.042	1009.017	1649.782
Stddev	1.7010	1052.39	56.845	23.185	3.358
%RSD	.1779206	2.767887	.8727883	2.297767	.2035354

#1	958.0029	38713.82	6451.619	1022.192	1653.567
#2	955.2072	38540.43	6523.711	1022.611	1648.615
#3	954.9263	36810.52	6563.797	982.246	1647.163

Sample Name: M4676-03 Acquired: 11/18/2021 17:09:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: M4676-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382430	.0501390	.0228569	.1236779	.0957346	1.953996	2.125893
Stddev	.0057164	.0057905	.0011275	.0079817	.0023738	.009173	.017844
%RSD	14.94772	11.54883	4.933000	6.453657	2.479602	.4694681	.8393593

#1	.0440109	.0439209	.0220916	.1148968	.0929975	1.958041	2.141252
#2	.0381385	.0553766	.0241517	.1256438	.0972319	1.960451	2.106319
#3	.0325795	.0511197	.0223273	.1304930	.0969742	1.943495	2.130107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570449	.0548142	20.10275	.2304603	.5313178	.2640375	1.123207
Stddev	.0005351	.0001603	.10675	.0005403	.0011151	.0026990	.020814
%RSD	.9379697	.2924692	.5310158	.2344442	.2098779	1.022210	1.853056

#1	.0569143	.0548851	20.19579	.2306227	.5316892	.2633194	1.122508
#2	.0565872	.0546307	19.98620	.2309007	.5300644	.2670230	1.102752
#3	.0576331	.0549268	20.12625	.2298574	.5321999	.2617702	1.144361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9577542	5.152372	.5252652	.0475455	151.8970	.5326608	.4830781
Stddev	.0033212	.048537	.0008326	.0004464	.8704	.0029663	.0039268
%RSD	.3467641	.9420401	.1585038	.9388182	.5730136	.5568830	.8128773

#1	.9613696	5.203423	.5255849	.0480609	152.0160	.5343292	.4871553
#2	.9548389	5.146876	.5258906	.0472849	150.9733	.5292360	.4827577
#3	.9570542	5.106816	.5243202	.0472906	152.7018	.5344173	.4793212

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.343950	.0016804	.0861847	-.000242	.3537862	3.715350	-.001738
Stddev	.010815	.0002640	.0014188	.000595	.0012872	.027069	.002279
%RSD	.2023782	15.71155	1.646243	245.9193	.3638441	.7285826	131.0976

#1	5.331518	.0015213	.0845624	.000283	.3549956	3.721020	-.002913
#2	5.349132	.0015347	.0871933	-.000889	.3524332	3.685895	.000888
#3	5.351198	.0019852	.0867984	-.000120	.3539299	3.739135	-.003190

Sample Name: M4676-03 Acquired: 11/18/2021 17:09:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: M4676-01MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001057	-.001082	.1754955
Stddev	.001331	.000564	.0003471
%RSD	125.8497	52.13769	.1977797

#1	-.002396	-.000720	.1758662
#2	-.001040	-.001732	.1754421
#3	.000265	-.000794	.1751782

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.5477	37824.33	6373.071	996.0726	1641.209
Stddev	3.8911	59.98	27.903	3.7641	4.583
%RSD	.4145905	.1585746	.4378231	.3778983	.2792308

#1	942.2290	37773.20	6357.025	991.7349	1644.815
#2	938.9379	37890.35	6405.290	998.0028	1642.761
#3	934.4762	37809.45	6356.897	998.4802	1636.052

Sample Name: M4486-11DLX5 Acquired: 11/18/2021 17:17:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007038	-.004388	.3795203	.0026070	-.001508	11.93622	.1907299
Stddev	.009067	.002713	.0038110	.0015640	.001461	.02478	.0007971
%RSD	128.8147	61.82798	1.004164	59.99068	96.91451	.2076425	.4179341

#1	-.017393	-.001294	.3839199	.0008050	-.001725	11.94208	.1904117
#2	-.000521	-.005511	.3773996	.0034060	.000050	11.90903	.1901411
#3	-.003202	-.006359	.3772414	.0036101	-.002849	11.95755	.1916370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019920	.0802238	9.440061	.0166784	.0392586	.0357372	33.54261
Stddev	.0000681	.0001327	.042173	.0000521	.0001881	.0023915	.16506
%RSD	3.420524	.1654547	.4467449	.3122916	.4792593	6.691798	.4920942

#1	.0020327	.0800809	9.404699	.0166609	.0394286	.0382673	33.43290
#2	.0019134	.0802471	9.428748	.0166373	.0390564	.0354303	33.46250
#3	.0020300	.0803433	9.486737	.0167370	.0392909	.0335140	33.73244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.096777	1.489763	.0746157	-.002255	.0676884	.0334248	14.66226
Stddev	.009769	.004771	.0010859	.000116	.2199274	.0028388	.05968
%RSD	.3154502	.3202350	1.455319	5.128365	324.9114	8.493055	.4070301

#1	3.085760	1.495173	.0734272	-.002336	-.091297	.0366270	14.67073
#2	3.100191	1.486159	.0748641	-.002306	.318677	.0312170	14.59880
#3	3.104381	1.487956	.0755559	-.002122	-.024314	.0324306	14.71726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7813731	.0983342	.0219320	.0000064	.4060796	3.874792	-.000581
Stddev	.0978802	.0004489	.0012088	.0002307	.0006605	.007394	.000661
%RSD	12.52669	.4565082	5.511429	3611.074	.1626621	.1908206	113.7771

#1	.7767934	.0978544	.0207573	-.000227	.4053232	3.866474	.000007
#2	.8814628	.0987440	.0218664	.000012	.4065426	3.877283	-.001296
#3	.6858632	.0984042	.0231722	.000234	.4063731	3.880619	-.000453

Sample Name: M4486-11DLX5 Acquired: 11/18/2021 17:17:51 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7Y3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0745518	.0062360	-.019735
Stddev	.0021103	.0021184	.000182
%RSD	2.830628	33.97013	.9244610

#1	.0732830	.0061182	-.019628
#2	.0733846	.0084108	-.019630
#3	.0769878	.0041790	-.019945

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.7664	38464.00	6523.883	1004.909	1628.851
Stddev	1.7347	34.40	12.318	3.493	1.943
%RSD	.1815019	.0894449	.1888125	.3476032	.1192575

#1	954.0927	38463.54	6537.450	1001.570	1630.005
#2	955.6501	38498.63	6520.800	1008.538	1629.940
#3	957.5563	38429.82	6513.400	1004.619	1626.608

Sample Name: M4486-12DLX5 Acquired: 11/18/2021 17:21:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038619	-.003748	.3794508	-.003123	-.003746	11.33458	.1753192
Stddev	.0086827	.004158	.0014834	.004510	.002023	.05707	.0012273
%RSD	224.8321	110.9403	.3909403	144.4223	54.00364	.5035133	.7000376

#1	.0018100	.000817	.3789095	-.003748	-.001882	11.26992	.1739260
#2	-.003611	-.007319	.3811289	-.007288	-.005897	11.35586	.1757910
#3	.013387	-.004742	.3783141	.001667	-.003459	11.37794	.1762406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018759	.0619828	6.513700	.0170234	.0296030	.0354000	26.87305
Stddev	.0001062	.0001728	.034475	.0005573	.0003895	.0020268	.18362
%RSD	5.663991	.2788111	.5292630	3.273970	1.315843	5.725337	.6832832

#1	.0017737	.0619989	6.481544	.0175436	.0291536	.0333803	26.66967
#2	.0019857	.0621470	6.509456	.0164352	.0298127	.0374338	26.92284
#3	.0018683	.0618025	6.550100	.0170913	.0298427	.0353859	27.02664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.661462	1.533422	.0618061	-.001603	.0340485	.0301292	11.18043
Stddev	.010075	.034599	.0010394	.000316	.3611274	.0033963	.11893
%RSD	.6063931	2.256338	1.681728	19.73708	1060.627	11.27242	1.063742

#1	1.649950	1.500876	.0606544	-.001466	.2051160	.0334122	11.12238
#2	1.665765	1.529629	.0620896	-.001965	-.380825	.0266300	11.10167
#3	1.668671	1.569762	.0626745	-.001379	.277855	.0303453	11.31724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7959373	.0845535	.0186636	.0000690	.2935595	3.645719	-.000499
Stddev	.0558651	.0001322	.0019420	.0003882	.0010997	.012548	.001374
%RSD	7.018779	.1563352	10.40516	562.9012	.3746044	.3441742	275.5336

#1	.8578558	.0845915	.0165531	.0003707	.2946611	3.634602	-.000499
#2	.7806457	.0844065	.0203751	-.000369	.2924618	3.659325	-.001873
#3	.7493103	.0846626	.0190625	.000205	.2935556	3.643231	.000876

Sample Name: M4486-12DLX5 Acquired: 11/18/2021 17:21:54 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7Y4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0846563	.0066815	-.014920
Stddev	.0007936	.0003939	.000226
%RSD	.9374131	5.895566	1.513031

#1	.0853198	.0064772	-.014660
#2	.0837772	.0071356	-.015055
#3	.0848719	.0064317	-.015047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	952.8503	38627.36	6542.733	1016.232	1631.751
Stddev	2.2823	63.39	19.262	7.369	2.038
%RSD	.2395250	.1640982	.2943955	.7251028	.1249190

#1	951.9793	38554.31	6520.750	1015.881	1632.002
#2	951.1317	38667.88	6550.800	1023.769	1629.598
#3	955.4399	38659.88	6556.650	1009.044	1633.652

Sample Name: M4486-15A Acquired: 11/18/2021 17:33:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750683	-.012548	2.243191	.0635893	.0948993	50.12013	.8759547
Stddev	.0011554	.005275	.006144	.0045183	.0021556	.01907	.0043071
%RSD	1.539154	42.04026	.2739027	7.105508	2.271451	.0380487	.4917054

#1	.0737713	-.018457	2.244299	.0586846	.0931542	50.09841	.8789787
#2	.0754460	-.010876	2.236569	.0645012	.0942349	50.12783	.8778622
#3	.0759876	-.008312	2.248706	.0675821	.0973089	50.13414	.8710233

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087185	.2641702	20.87647	.0715244	.0876502	.1717673	86.71334
Stddev	.0001529	.0002100	.02024	.0003261	.0005072	.0022194	.12102
%RSD	1.754181	.0795004	.0969752	.4559734	.5786226	1.292101	.1395631

#1	.0085425	.2642907	20.88432	.0717451	.0870830	.1726234	86.81307
#2	.0088197	.2639277	20.89162	.0716784	.0880600	.1692473	86.74826
#3	.0087931	.2642922	20.85348	.0711498	.0878076	.1734311	86.57870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.940051	6.270992	.1909636	-.005766	.3227851	.1444904	29.65367
Stddev	.010427	.021307	.0001677	.000123	.0892693	.0052377	.19892
%RSD	.2646503	.3397676	.0877934	2.126749	27.65597	3.624921	.6708014

#1	3.942989	6.247352	.1908027	-.005786	.3022233	.1440092	29.52814
#2	3.948694	6.276912	.1911373	-.005878	.4205413	.1499521	29.54986
#3	3.928470	6.288713	.1909506	-.005635	.2455907	.1395099	29.88302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.328126	.3669436	.0571518	.0015812	.8146843	14.99239	.0033257
Stddev	.096550	.0006850	.0026112	.0001824	.0014564	.07519	.0009383
%RSD	2.901036	.1866915	4.568864	11.53783	.1787646	.5015179	28.21410

#1	3.430119	.3677080	.0600846	.0017859	.8163623	14.95056	.0041524
#2	3.238142	.3663850	.0550794	.0015222	.8137489	15.07919	.0023058
#3	3.316117	.3667379	.0562913	.0014356	.8139418	14.94741	.0035191

Sample Name: M4486-15A Acquired: 11/18/2021 17:33:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4038404	.0229429	-.030657
Stddev	.0024485	.0008686	.000032
%RSD	.6063013	3.786007	.1039978

#1	.4066527	.0234412	-.030621
#2	.4021826	.0219399	-.030683
#3	.4026859	.0234476	-.030666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1134.355	46356.07	7852.029	1205.620	1635.807
Stddev	1.757	157.58	6.451	7.488	2.244
%RSD	.1549216	.3399432	.0821529	.6210766	.1371736

#1	1132.754	46234.27	7858.333	1208.982	1636.402
#2	1136.235	46534.05	7852.314	1210.838	1637.693
#3	1134.075	46299.90	7845.441	1197.041	1633.325

Sample Name: M4676-05 Acquired: 11/18/2021 17:37:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: M4676-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458264	.0453581	.0216781	.1165551	.0992095	2.015043	2.182529
Stddev	.0032047	.0071772	.0027126	.0054584	.0018494	.019608	.022379
%RSD	6.993111	15.82349	12.51298	4.683118	1.864127	.9731028	1.025377

#1	.0495207	.0533013	.0229521	.1198173	.0986714	2.035814	2.208285
#2	.0441638	.0393391	.0185631	.1102536	.0976889	1.996852	2.167836
#3	.0437947	.0434339	.0235192	.1195944	.1012683	2.012464	2.171465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577785	.0558487	21.22152	.2324867	.5373850	.2668225	1.141011
Stddev	.0004675	.0001095	.26472	.0006069	.0011303	.0016015	.011497
%RSD	.8091185	.1960501	1.247427	.2610449	.2103240	.6002125	1.007577

#1	.0583175	.0559623	21.51118	.2319458	.5360829	.2683617	1.148584
#2	.0575341	.0558400	20.99212	.2331430	.5379588	.2651652	1.146668
#3	.0574837	.0557438	21.16125	.2323713	.5381132	.2669406	1.127782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9883825	5.455423	.5428888	.0478732	160.6409	.5495880	.5092435
Stddev	.0129378	.077123	.0004875	.0007217	2.1815	.0089510	.0038699
%RSD	1.308989	1.413702	.0897966	1.507534	1.357983	1.628669	.7599384

#1	1.003306	5.544370	.5429908	.0486392	163.1561	.5582989	.5049544
#2	.980319	5.414736	.5433172	.0477744	159.2637	.5404149	.5124739
#3	.981523	5.407163	.5423584	.0472060	159.5029	.5500501	.5103022

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.670023	.0021929	.0909843	.0002500	.3760222	3.908869	-.000821
Stddev	.080720	.0004505	.0023169	.0006923	.0014244	.047862	.000308
%RSD	1.423628	20.54098	2.546434	276.9211	.3788021	1.224438	37.49005

#1	5.756468	.0021787	.0936592	-.000517	.3743785	3.963533	-.001130
#2	5.596616	.0017498	.0896850	.000440	.3767946	3.874491	-.000514
#3	5.656986	.0026503	.0896086	.000828	.3768936	3.888583	-.000820

Sample Name: M4676-05 Acquired: 11/18/2021 17:37:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: M4676-02MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000716	-.003293	.1852894
Stddev	.002203	.001361	.0030538
%RSD	307.6226	41.32531	1.648149

#1	-.003175	-.004679	.1888124
#2	-.000052	-.003242	.1836598
#3	.001079	-.001959	.1833961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	941.4606	38393.89	6421.102	1010.639	1642.289
Stddev	.5777	156.86	70.776	5.438	4.465
%RSD	.0613575	.4085602	1.102241	.5380861	.2718924

#1	941.8195	38454.13	6339.771	1016.880	1645.623
#2	941.7680	38215.84	6468.712	1008.122	1644.028
#3	940.7942	38511.71	6454.822	1006.915	1637.216

Sample Name: CCV055 Acquired: 11/18/2021 17:53:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.820593	4.913028	24.64149	4.731704	4.824543	402.2598
Stddev	.023025	.010523	.06246	.010214	.011611	.5828
%RSD	.4776327	.2141811	.2534659	.2158556	.2406667	.1448885

#1	4.794122	4.925067	24.56940	4.720009	4.811343	402.7916
#2	4.831689	4.908437	24.67931	4.738871	4.833179	402.3511
#3	4.835969	4.905582	24.67577	4.736232	4.829106	401.6367

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.887127	.4910896	2.474930	389.5976	15.21681	2.489503
Stddev	.023050	.0005052	.004837	.2539	.02123	.003844
%RSD	.2331274	.1028837	.1954344	.0651680	.1394845	.1543885

#1	9.892060	.4911238	2.469382	389.7848	15.19240	2.485068
#2	9.907311	.4915769	2.477146	389.6993	15.23090	2.491581
#3	9.862010	.4905681	2.478262	389.3086	15.22714	2.491859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90489	398.2155	14.42981	386.5385	2.496476	1.218092
Stddev	.02532	.2220	.02783	.7984	.002873	.001107
%RSD	.1698725	.0557532	.1928471	.2065413	.1150727	.0908564

#1	14.87589	397.9827	14.40095	385.6522	2.493488	1.218594
#2	14.92265	398.4249	14.43203	386.7624	2.496724	1.216823
#3	14.91612	398.2388	14.45647	387.2011	2.499217	1.218858

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.3818	2.457356	14.61853	150.9368	F 5.819246	4.939149
Stddev	.7124	.019921	.14954	.2973	.020988	.014191
%RSD	.1810904	.8106583	1.022968	.1969965	.3606582	.2873202

#1	394.2043	2.451288	14.53815	151.2746	5.799467	4.954584
#2	392.9583	2.441175	14.52636	150.7146	5.817008	4.926666
#3	392.9829	2.479605	14.79107	150.8212	5.841263	4.936198

Sample Name: CCV055 Acquired: 11/18/2021 17:53:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.816709	F 5.754961	4.876679	5.053975	4.943260	4.853220
Stddev	.003021	.024567	.008227	.020079	.006250	.010410
%RSD	.0627143	.4268826	.1686935	.3973009	.1264277	.2145041
#1	4.815283	5.732326	4.885899	5.032088	4.947566	4.864755
#2	4.820179	5.751470	4.870087	5.058291	4.946122	4.850385
#3	4.814665	5.781086	4.874052	5.071545	4.936092	4.844521

Elem	Sr4077
Units	ppm
Avg	4.765571
Stddev	.017346
%RSD	.3639875
#1	4.770161
#2	4.780160
#3	4.746391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	777.1247	34609.93	6043.288	854.1128	1314.345
Stddev	1.3362	76.33	5.720	5.2904	1.973
%RSD	.1719395	.2205577	.0946432	.6194062	.1500808
#1	776.3596	34631.37	6041.301	856.2725	1315.286
#2	776.3469	34673.26	6049.736	857.9818	1312.078
#3	778.6676	34525.17	6038.827	848.0842	1315.670

Sample Name: CCB055 Acquired: 11/18/2021 17:57:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001326	-.004372	.0038361	-.000995	.0020841	-.000623
Stddev	.011648	.002372	.0033924	.004961	.0033151	.006313
%RSD	878.2426	54.24692	88.43274	498.6356	159.0652	1012.803

#1	.011542	-.002907	.0067548	-.003780	-.000179	-.006560
#2	-.011149	-.007109	.0046393	-.003937	.000542	.006009
#3	-.004372	-.003101	.0001142	.004733	.005889	-.001318

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001775	.0000653	-.000118	-.007542	-.000321	.0006463
Stddev	.0003988	.0000598	.000051	.007310	.000483	.0002595
%RSD	224.7581	91.71082	43.29623	96.92165	150.3175	40.15682

#1	-.000275	.0000732	-.000140	-.005553	-.000703	.0009447
#2	.000478	.0001208	-.000059	-.001433	.000222	.0004730
#3	.000329	.0000018	-.000153	-.015641	-.000483	.0005213

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018080	.0040104	.0000475	-.000731	.0008745	.0008327
Stddev	.0011916	.0065287	.0002533	.019252	.0006708	.0002347
%RSD	65.90830	162.7954	533.6333	2635.096	76.71133	28.18160

#1	.0027549	.0011162	-.000236	.019902	.0012176	.0009153
#2	.0004700	-.000571	.000126	-.003880	.0013043	.0010149
#3	.0021991	.011486	.000252	-.018214	.0001015	.0005679

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034650	-.001574	-.000737	.1699922	-.000154	F .0110635
Stddev	.124266	.000330	.004714	.0391230	.000461	.0004279
%RSD	358.6287	20.96835	639.3894	23.01462	299.1607	3.867959

#1	-.022501	-.001728	-.005715	.1405716	.000330	.0109093
#2	.083095	-.001798	-.000155	.2143914	-.000588	.0115471
#3	-.164545	-.001195	.003658	.1550134	-.000205	.0107339

Sample Name: CCB055 Acquired: 11/18/2021 17:57:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v43) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004678	.0000329	-.000698	-.000764	-.000632	.0008978
Stddev	.0001728	.0000309	.001607	.001061	.000518	.0021675
%RSD	36.94239	93.87852	230.1954	138.8050	81.94494	241.4374

#1	.0005136	.0000678	.000653	.000407	-.000611	-.001289
#2	.0002767	.0000090	-.002475	-.001662	-.001160	.003046
#3	.0006131	.0000220	-.000272	-.001038	-.000125	.000936

Elem	Sr4077
Units	ppm
Avg	-.000058
Stddev	.000062
%RSD	106.9107

#1	-.000018
#2	-.000027
#3	-.000129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.9293	37470.22	6392.008	976.6588	1612.161
Stddev	.8216	75.31	7.932	4.0158	1.363
%RSD	.0895982	.2009763	.1240991	.4111819	.0845622

#1	917.2356	37444.95	6383.375	977.0072	1611.271
#2	917.5538	37410.80	6393.675	972.4800	1613.730
#3	915.9986	37554.92	6398.975	980.4890	1611.481