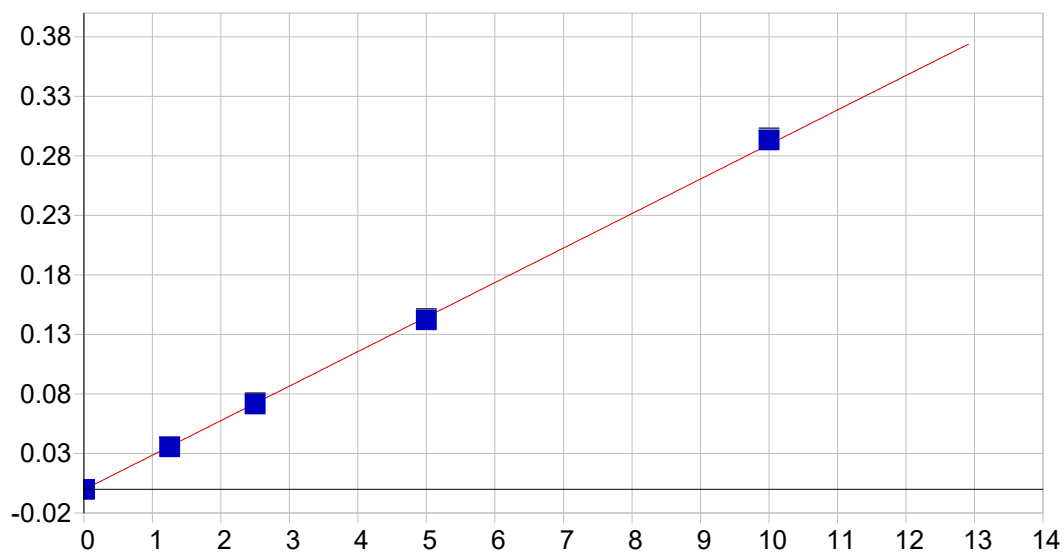


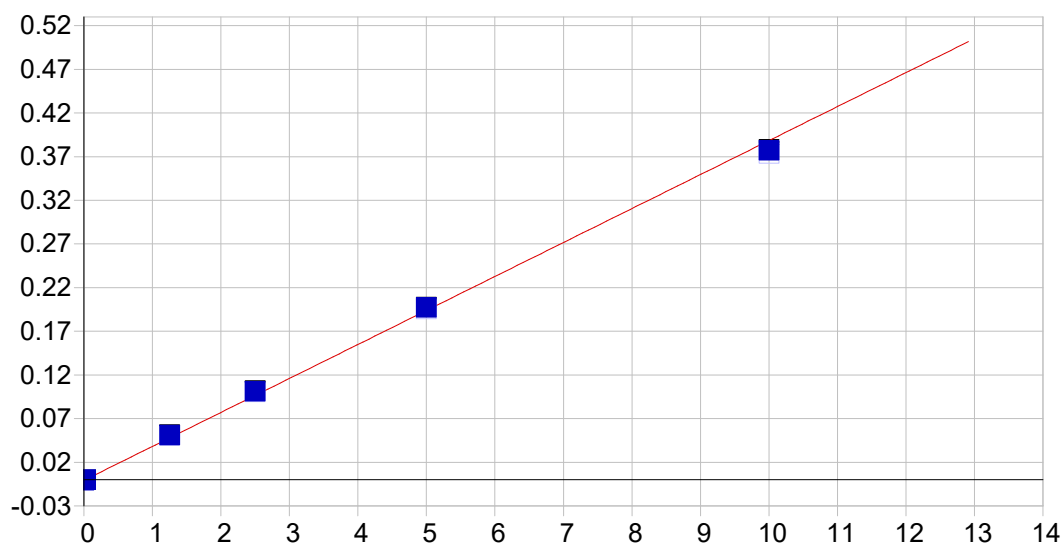


As 189.042 {479}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000365 Re-Slope: 1.000000
 A1 (Gain): 0.028994 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.009217
 Predicted MQL: 0.030725

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.01000	.00787	-.002	-21.3	-.00014	.000	1
S2	1.2500	1.2368	-.013	-1.05	.03559	.000	1
S3	2.5000	2.4719	-.028	-1.13	.07149	.001	1
S4	5.0000	4.9132	-.087	-1.74	.14247	.001	1
S5	10.000	10.130	.130	1.30	.29411	.001	1

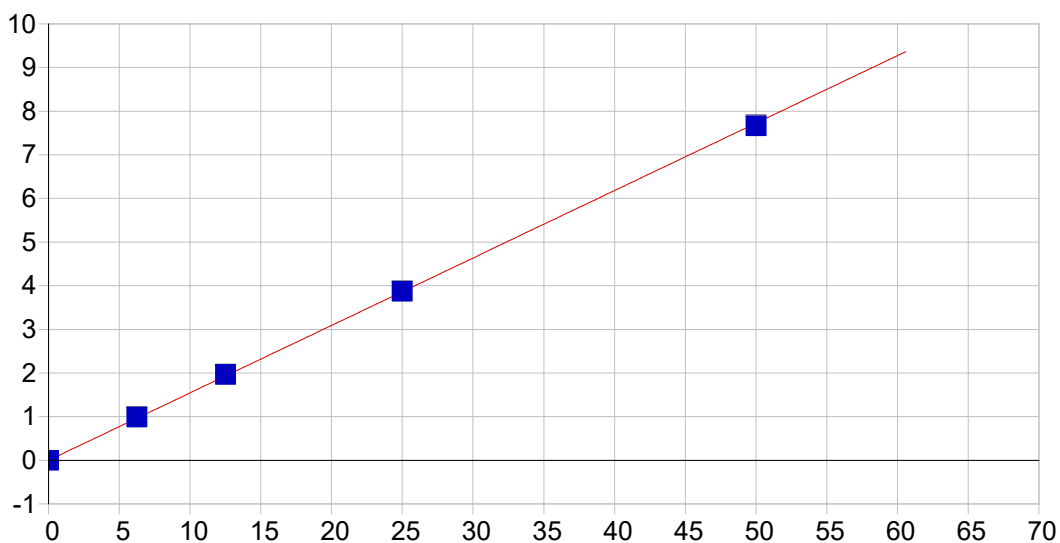


TI 190.856 {477}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000782 Re-Slope: 1.000000
 A1 (Gain): 0.038918 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999432 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.006309
 Predicted MQL: 0.021031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00078	.000	1
S1	.02500	.02383	-.001	-4.69	.00010	.000	1
S2	1.2500	1.3296	.080	6.37	.05052	.000	1
S3	2.5000	2.6226	.123	4.91	.10040	.001	1
S4	5.0000	5.0871	.087	1.74	.19542	.000	1
S5	10.000	9.7118	-.288	-2.88	.37363	.001	1

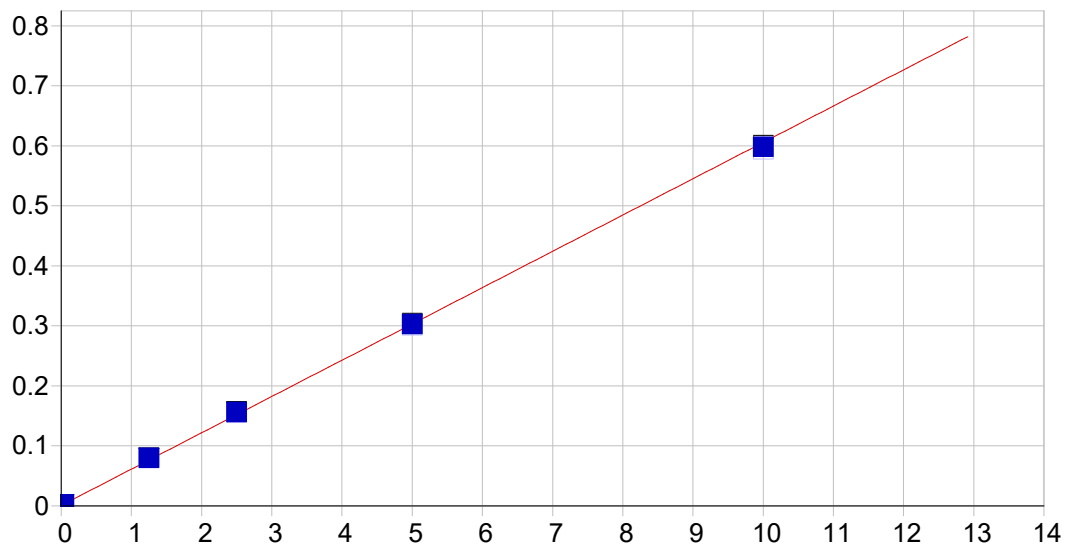


Pb 220.353 {453}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000925 Re-Slope: 1.000000
 A1 (Gain): 0.154556 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.003134
 Predicted MQL: 0.010446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00093	.000	1
S1	.01000	.01264	.003	26.4	.00103	.001	1
S2	6.2500	6.4041	.154	2.47	.98942	.001	1
S3	12.500	12.713	.213	1.70	1.9650	.004	1
S4	25.000	25.063	.063	.252	3.8749	.003	1
S5	50.000	49.567	-.433	-.865	7.6644	.015	1

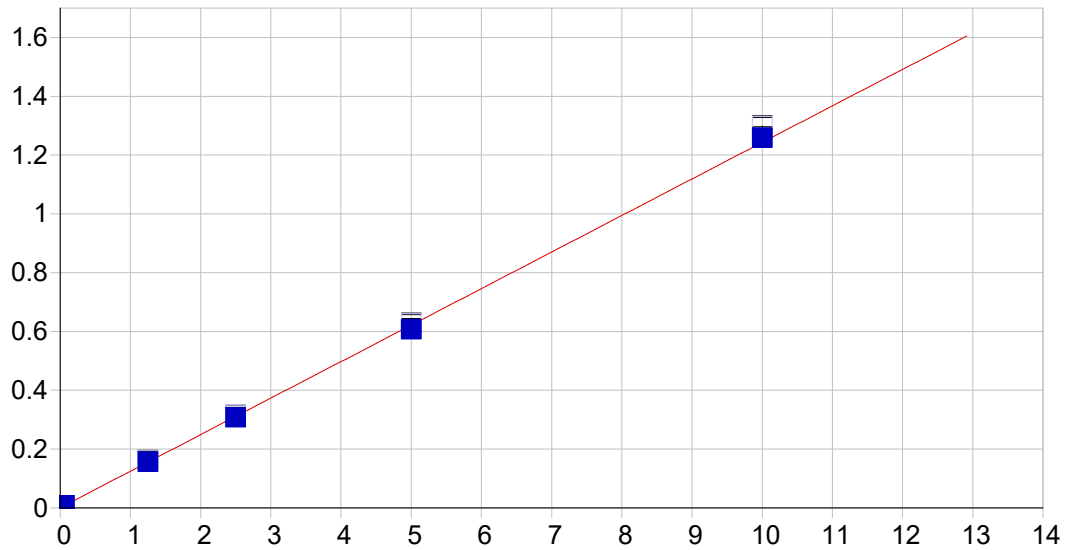


Se 196.090 {472}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000767	Re-Slope:	1.000000
A1 (Gain):	0.060500	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999818	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.005982		
Predicted MQL:	0.019941		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00077	.000	1
S1	.03500	.03953	.005	13.0	.00316	.000	1
S2	1.2500	1.3058	.056	4.46	.07922	.000	1
S3	2.5000	2.5726	.073	2.90	.15532	.001	1
S4	5.0000	4.9915	-.008	-.169	.30057	.002	1
S5	10.000	9.8755	-.124	-1.24	.59386	.003	1

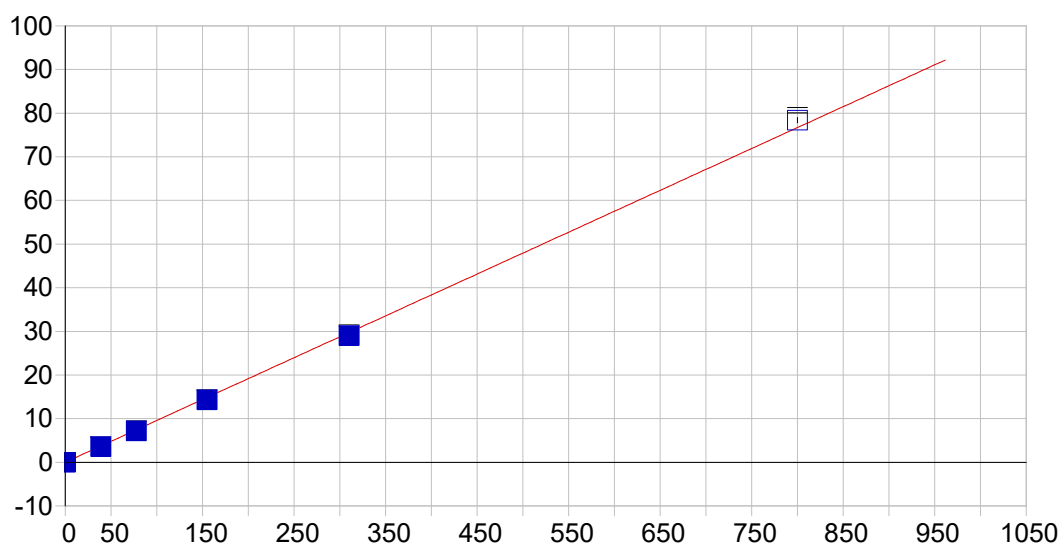


Sb 206.833 {463}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000529 Re-Slope: 1.000000
 A1 (Gain): 0.124240 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.003208
 Predicted MQL: 0.010694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.06000	.06212	.002	3.54	.00825	.000	1
S2	1.2500	1.2580	.008	.639	.16156	.001	1
S3	2.5000	2.4750	-.025	-1.000	.31750	.000	1
S4	5.0000	4.8857	-.114	-2.29	.62648	.003	1
S5	10.000	10.129	.129	1.29	1.2969	.003	1

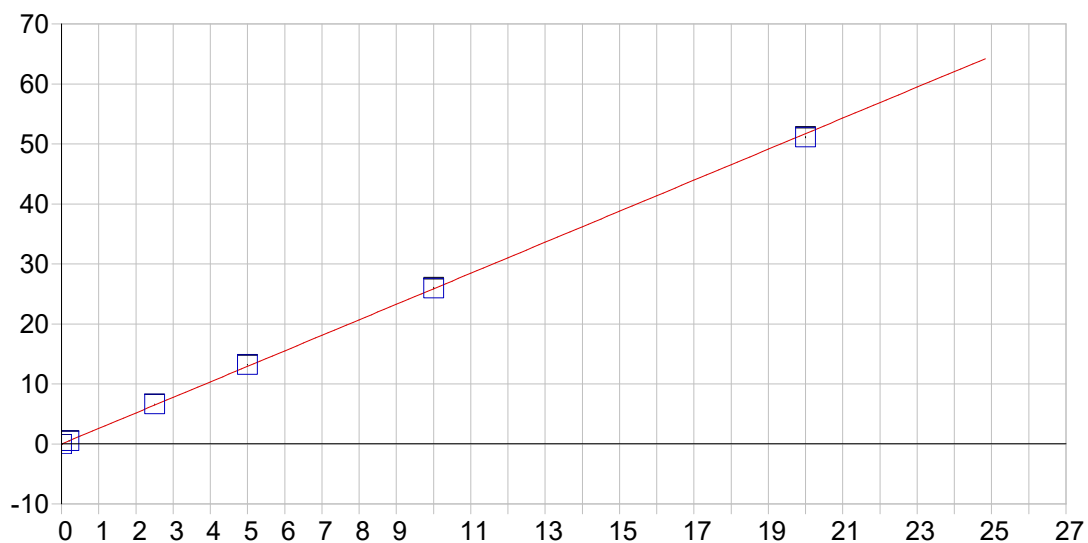


AI 396.152 { 85}

Date of Fit: 11/23/2021 13:29:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002198	Re-Slope:	1.000000
A1 (Gain):	0.095874	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999655	Status:	OK.
Std Error of Est:	0.001567		
Predicted MDL:	0.009667		
Predicted MQL:	0.032223		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00220	.000	1
S1	.20000	.19172	-.008	-4.14	.01621	.000	1
S2	38.750	37.358	-1.39	-3.59	3.5833	.005	1
S3	77.500	74.682	-2.82	-3.64	7.1657	.009	1
S4	155.00	148.72	-6.28	-4.05	14.271	.066	1
S5	310.00	302.93	-7.07	-2.28	29.072	.113	1
S6	800.00	817.59	17.6	2.20	78.383	.635	1

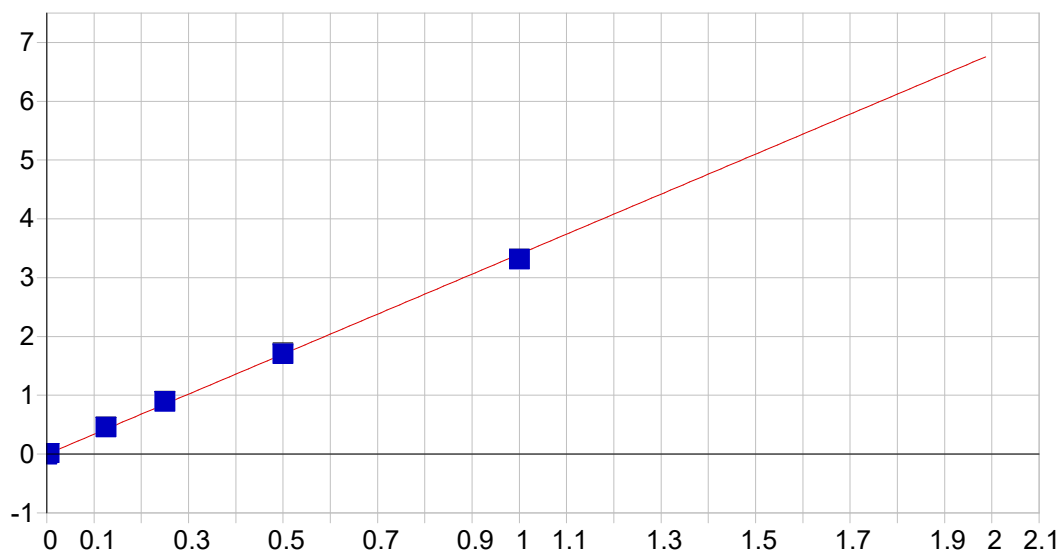


Ba 493.409 { 68}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006418 Re-Slope: 1.000000
 A1 (Gain): 2.586005 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.003726
 Predicted MDL: 0.000632
 Predicted MQL: 0.002105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00645	.001	1
S1	.20000	.20356	.004	1.78	.51999	.002	1
S2	2.5000	2.5644	.064	2.57	6.6250	.018	1
S3	5.0000	5.1113	.111	2.23	13.211	.061	1
S4	10.000	10.046	.046	.456	25.971	.124	1
S5	20.000	19.775	-.225	-1.12	51.133	.109	1

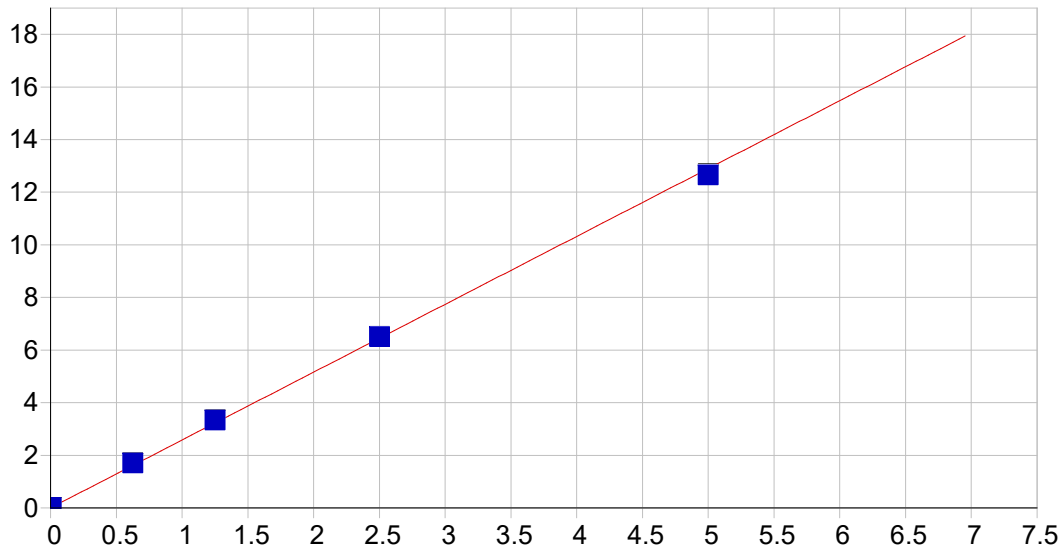


Be 234.861 {144}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001491	Re-Slope:	1.000000
A1 (Gain):	3.401472	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999413	Status:	OK.
Std Error of Est:	0.000436		
Predicted MDL:	0.000099		
Predicted MQL:	0.000331		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00150	.000	1
S1	.00500	.00565	.001	13.1	.01773	.000	1
S2	.12500	.13482	.010	7.86	.45600	.002	1
S3	.25000	.26298	.013	5.19	.89085	.004	1
S4	.50000	.50215	.002	.430	1.7022	.015	1
S5	1.0000	.97439	-.026	-2.56	3.3041	.004	1

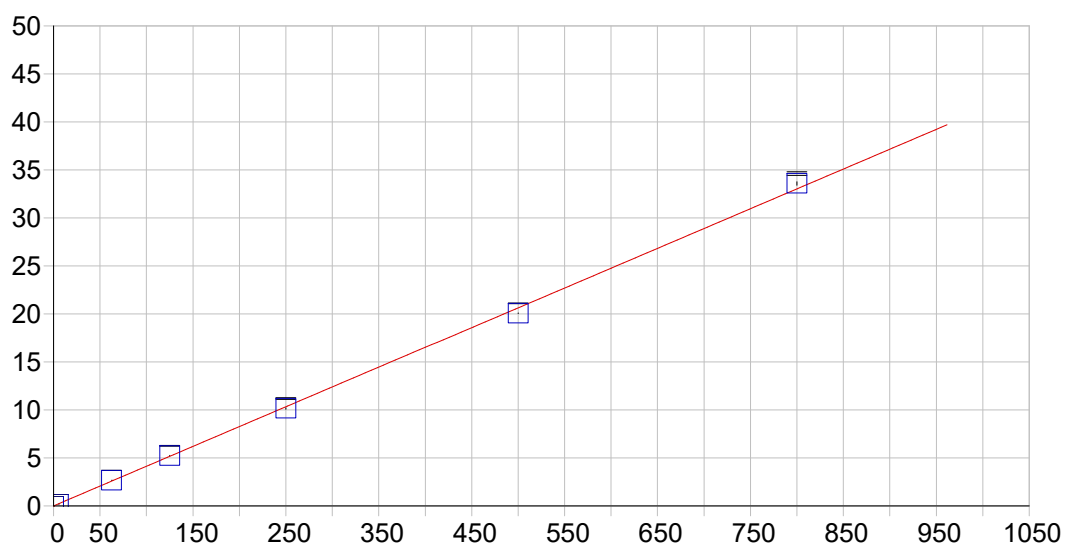


Cd 214.438 {457}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001029	Re-Slope:	1.000000
A1 (Gain):	2.579728	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999717	Status:	OK.
Std Error of Est:	0.000516		
Predicted MDL:	0.000147		
Predicted MQL:	0.000491		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00103	.000	1
S1	.00500	.00581	.001	16.2	.01602	.000	1
S2	.62500	.65744	.032	5.19	1.7002	.002	1
S3	1.2500	1.2924	.042	3.39	3.3414	.006	1
S4	2.5000	2.5218	.022	.870	6.5192	.004	1
S5	5.0000	4.9026	-.097	-1.95	12.674	.025	1

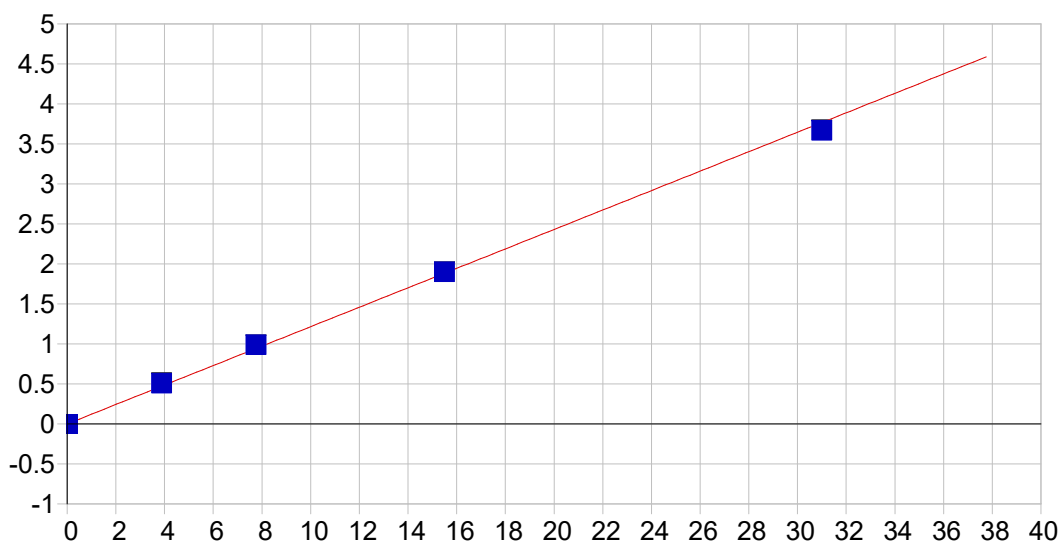


Ca 373.690 { 90}

Date of Fit: 11/23/2021 13:29:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001968 Re-Slope: 1.000000
 A1 (Gain): 0.041277 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.003070
 Predicted MDL: 0.017481
 Predicted MQL: 0.058269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00026	-.000	.000	.00196	.001	1
S1	5.0000	5.1385	.139	2.77	.21407	.000	1
S2	62.500	64.787	2.29	3.66	2.6762	.006	1
S3	125.00	126.77	1.77	1.42	5.2347	.019	1
S4	250.00	245.96	-4.04	-1.62	10.154	.072	1
S5	500.00	486.20	-13.8	-2.76	20.071	.043	1
S6	800.00	813.64	13.6	1.70	33.586	.184	1

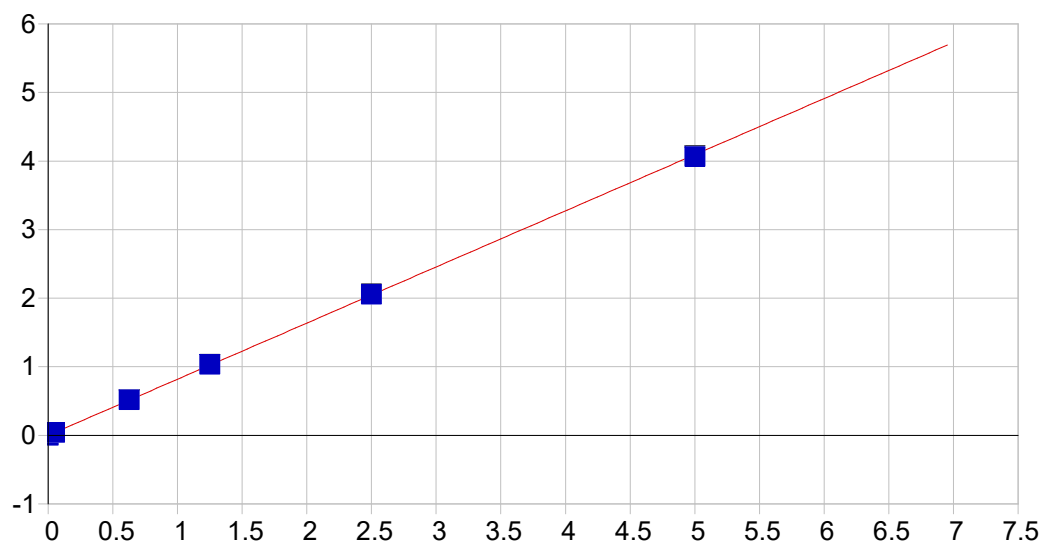


Cr 267.716 {126}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000050	Re-Slope:	1.000000
A1 (Gain):	0.121530	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999440	Status:	OK.
Std Error of Est:	0.000120		
Predicted MDL:	0.000678		
Predicted MQL:	0.002259		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.01000	.01072	.001	7.16	.00125	.000	1
S2	3.8750	4.1909	.316	8.15	.50941	.001	1
S3	7.7500	8.1153	.365	4.71	.98647	.001	1
S4	15.500	15.627	.127	.822	1.8997	.005	1
S5	31.000	30.191	-.809	-2.61	3.6701	.004	1

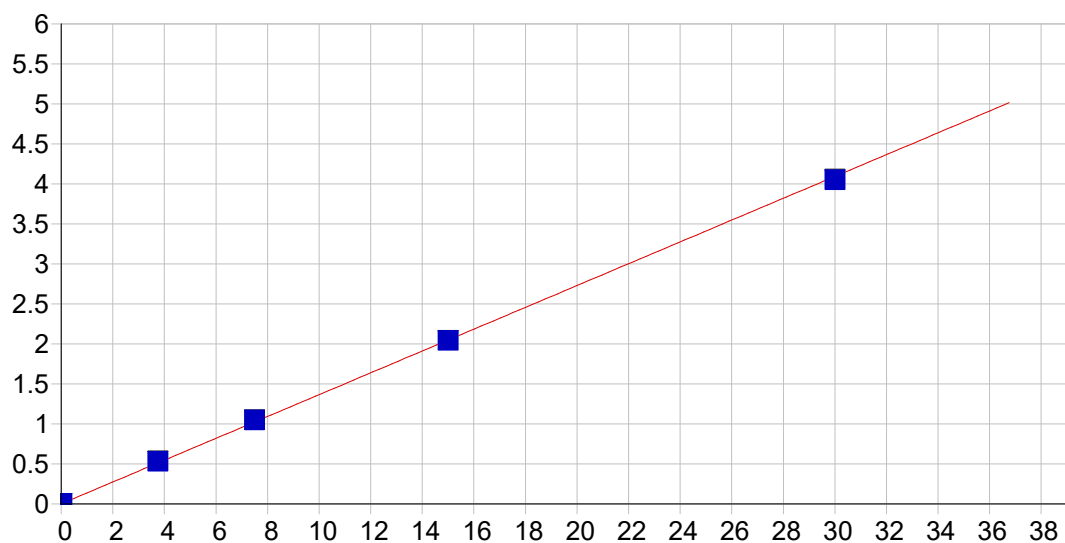


Co 228.616 {448}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000306 Re-Slope: 1.000000
 A1 (Gain): 0.818613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.000456
 Predicted MQL: 0.001519

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.001	1
S1	.05000	.05015	.000	.293	.04088	.000	1
S2	.62500	.63427	.009	1.48	.51968	.001	1
S3	1.2500	1.2637	.014	1.10	1.0357	.000	1
S4	2.5000	2.5117	.012	.470	2.0589	.002	1
S5	5.0000	4.9651	-.035	-.697	4.0704	.011	1

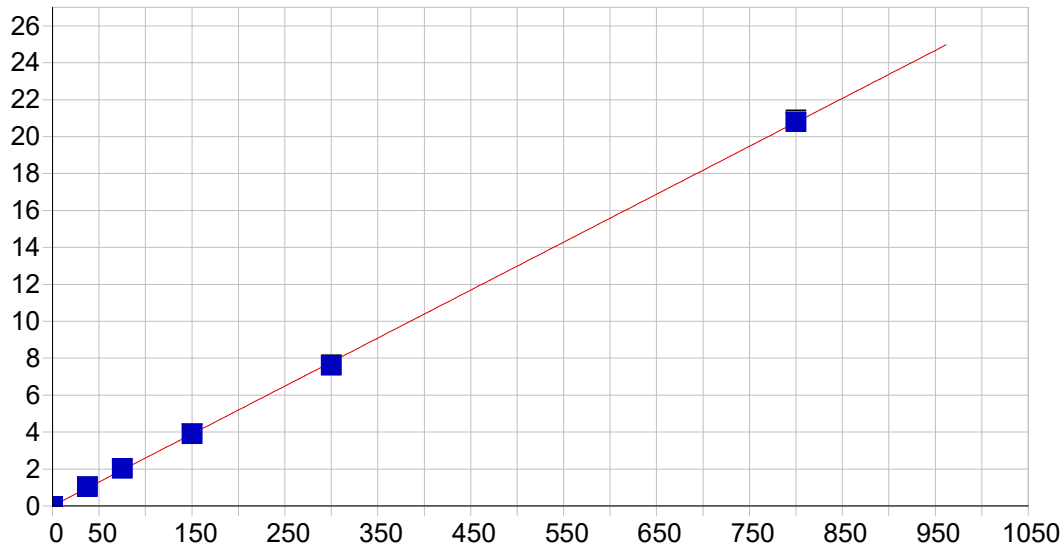


Cu 324.754 {104}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001526	Re-Slope:	1.000000
A1 (Gain):	0.136396	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.003192		
Predicted MQL:	0.010639		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00153	.001	1
S1	.02500	.02790	.003	11.6	.00532	.000	1
S2	3.7500	3.9035	.153	4.09	.53325	.000	1
S3	7.5000	7.6745	.175	2.33	1.0469	.002	1
S4	15.000	14.960	-.040	-.264	2.0393	.003	1
S5	30.000	29.709	-.291	-.971	4.0481	.008	1

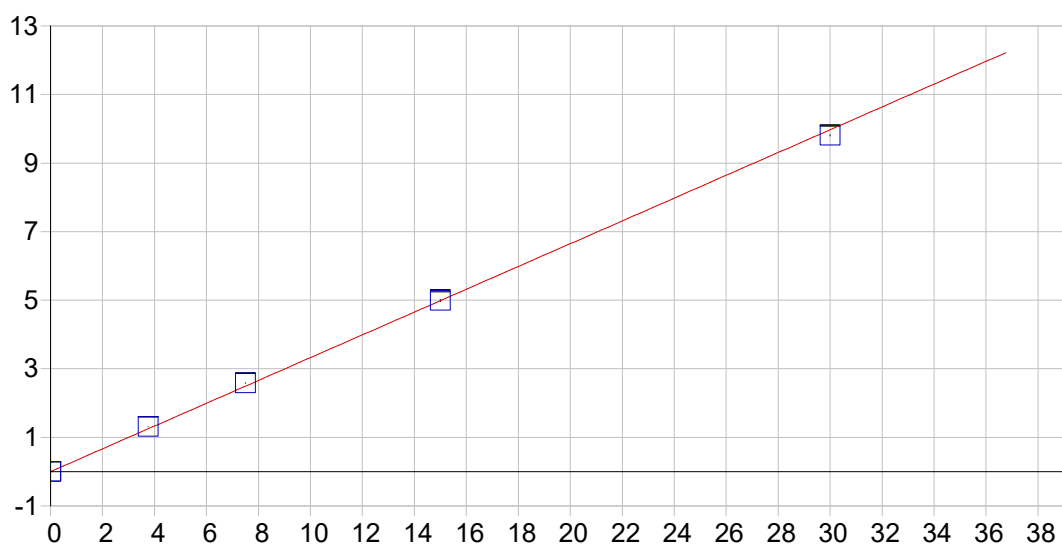


Fe 259.837 {130}

Date of Fit: 11/23/2021 13:29:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000188 Re-Slope: 1.000000
 A1 (Gain): 0.025967 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000211
 Predicted MDL: 0.009916
 Predicted MQL: 0.033053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00019	.000	1
S1	.10000	.10828	.008	8.28	.00301	.000	1
S2	37.500	40.104	2.60	6.94	1.0427	.004	1
S3	75.000	78.126	3.13	4.17	2.0312	.003	1
S4	150.00	150.06	.061	.040	3.9014	.021	1
S5	300.00	293.13	-6.87	-2.29	7.6211	.018	1
S6	800.00	801.07	1.07	.134	20.816	.088	1

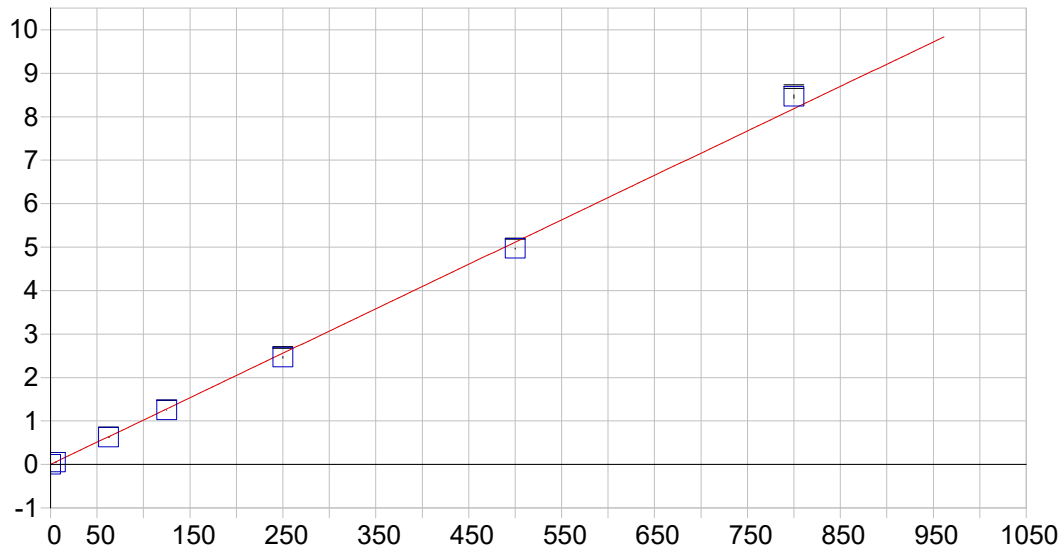


Mn 257.610 {131}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.332396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.000267
 Predicted MDL: 0.000685
 Predicted MQL: 0.002283

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01500	.01652	.002	10.1	.00545	.000	1
S2	3.7500	3.9490	.199	5.31	1.3126	.005	1
S3	7.5000	7.7743	.274	3.66	2.5841	.007	1
S4	15.000	15.012	.012	.081	4.9899	.032	1
S5	30.000	29.513	-.487	-1.62	9.8099	.018	1

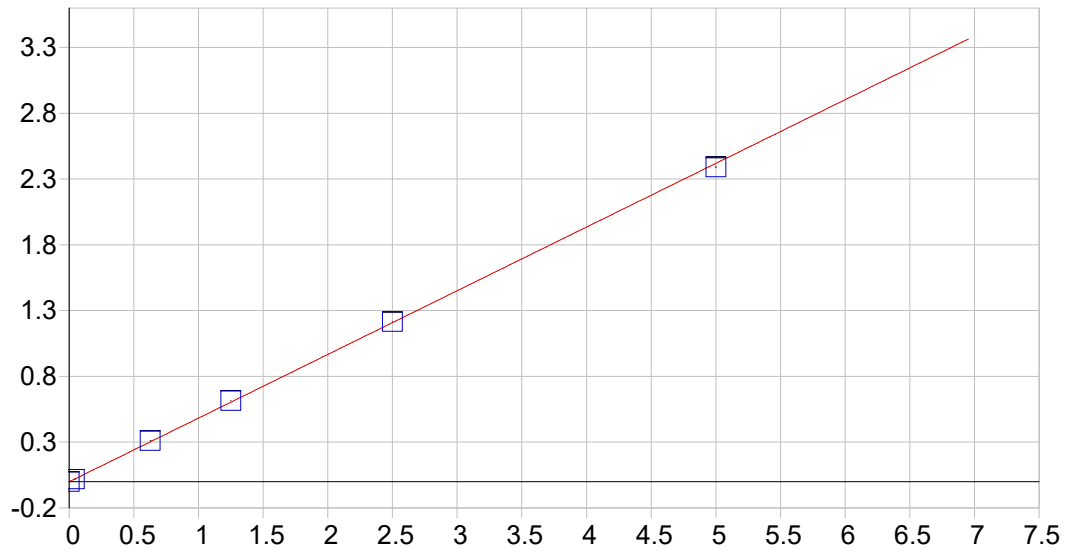


Mg 279.079 {121}

Date of Fit: 11/23/2021 13:29:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.010232 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999489 Status: OK.
 Std Error of Est: 0.001142
 Predicted MDL: 0.030138
 Predicted MQL: 0.100460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00051	.001	.000	-.00013	.000	1
S1	5.0000	4.8449	-.155	-3.10	.04944	.000	1
S2	62.500	61.408	-1.09	-1.75	.62820	.002	1
S3	125.00	122.20	-2.80	-2.24	1.2502	.005	1
S4	250.00	240.90	-9.10	-3.64	2.4648	.016	1
S5	500.00	485.58	-14.4	-2.88	4.9684	.013	1
S6	800.00	827.56	27.6	3.45	8.4676	.040	1

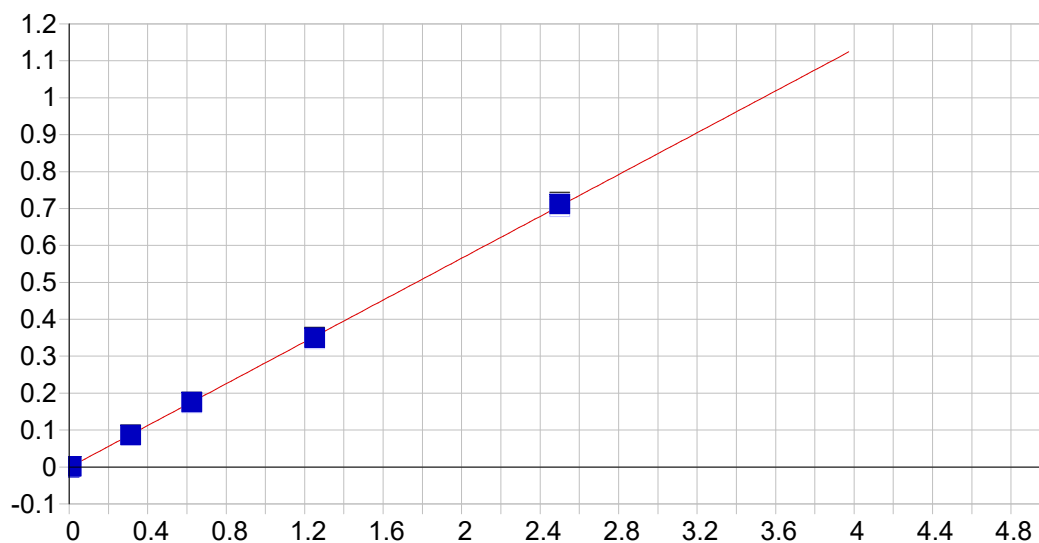


Ni 231.604 {446}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001348 Re-Slope: 1.000000
 A1 (Gain): 0.484092 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.000785
 Predicted MQL: 0.002616

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00135	.000	1
S1	.04000	.04132	.001	3.31	.01866	.000	1
S2	.62500	.64468	.020	3.15	.31073	.001	1
S3	1.2500	1.2757	.026	2.05	.61619	.002	1
S4	2.5000	2.5127	.013	.509	1.2150	.001	1
S5	5.0000	4.9406	-.059	-1.19	2.3904	.004	1

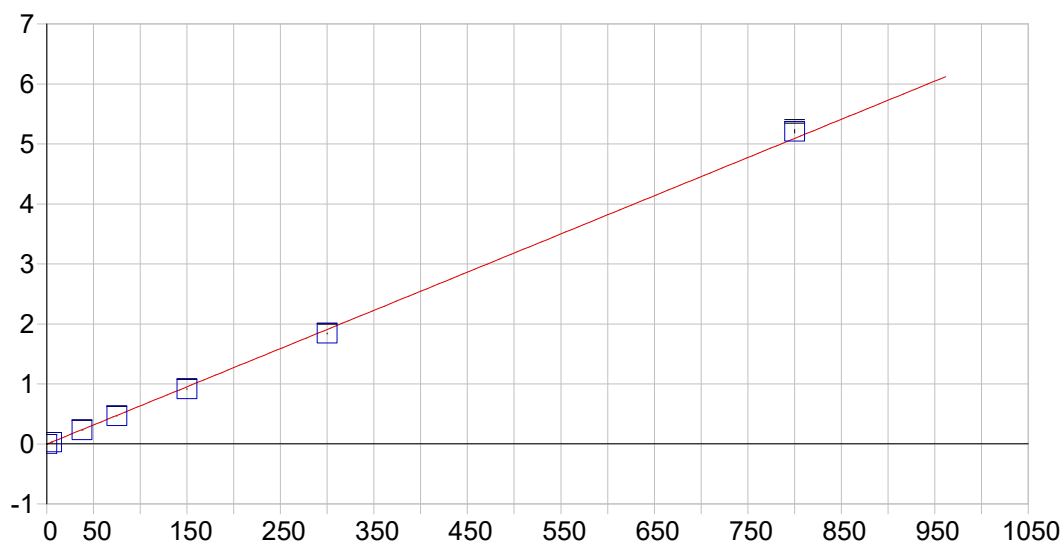


Ag 328.068 {103}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001026	Re-Slope:	1.000000
A1 (Gain):	0.283210	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.000516		
Predicted MQL:	0.001720		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.01000	.01001	.000	.119	.00179	.000	1
S2	.31250	.30831	-.004	-1.34	.08535	.000	1
S3	.62500	.62218	-.003	-.451	.17330	.000	1
S4	1.2500	1.2401	-.010	-.788	.34643	.002	1
S5	2.5000	2.5169	.017	.674	.70424	.006	1

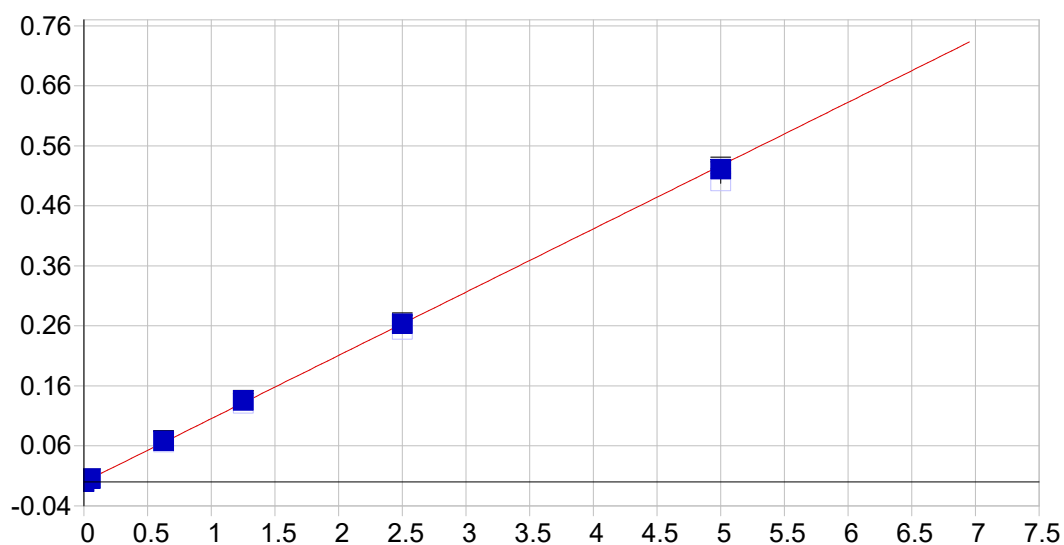


Na 818.326 { 41}

Date of Fit: 11/23/2021 13:29:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002727	Re-Slope:	1.000000
A1 (Gain):	0.006367	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999611	Status:	OK.
Std Error of Est:	0.000549		
Predicted MDL:	0.265280		
Predicted MQL:	0.884266		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	-.00272	.001	1
S1	5.0000	5.0029	.003	.059	.02913	.001	1
S2	37.500	36.938	-.562	-1.50	.23247	.002	1
S3	75.000	73.310	-1.69	-2.25	.46406	.003	1
S4	150.00	144.28	-5.72	-3.81	.91596	.006	1
S5	300.00	289.45	-10.5	-3.52	1.8403	.007	1
S6	800.00	818.51	18.5	2.31	5.2090	.030	1

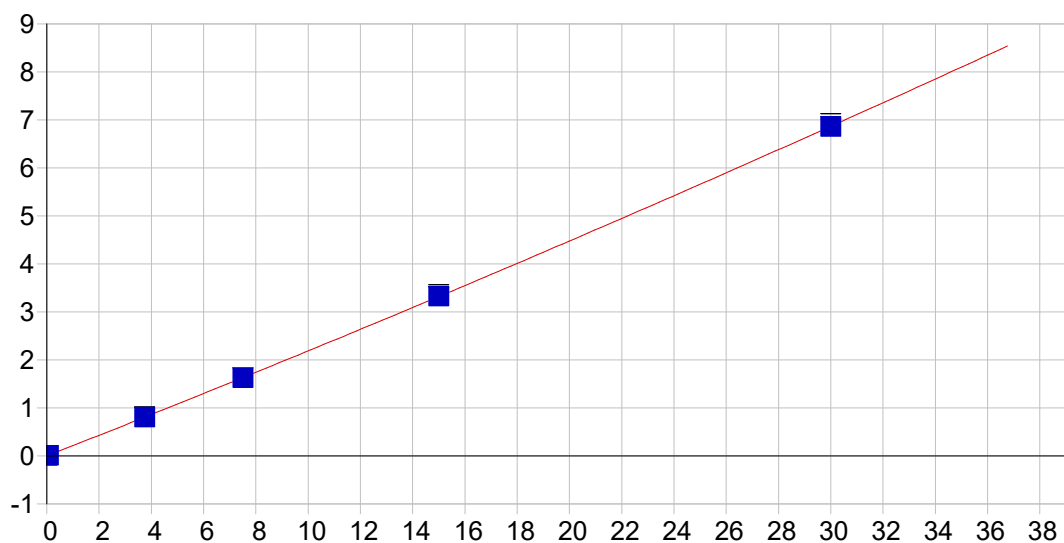


V 292.402 {115}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000088	Re-Slope:	1.000000
A1 (Gain):	0.105440	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999836	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.003492		
Predicted MQL:	0.011642		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.05000	.04945	-.001	-1.11	.00511	.000	1
S2	.62500	.65011	.025	4.02	.06603	.000	1
S3	1.2500	1.2876	.038	3.01	.13083	.000	1
S4	2.5000	2.4979	-.002	-.085	.25359	.002	1
S5	5.0000	4.9400	-.060	-1.20	.50138	.004	1

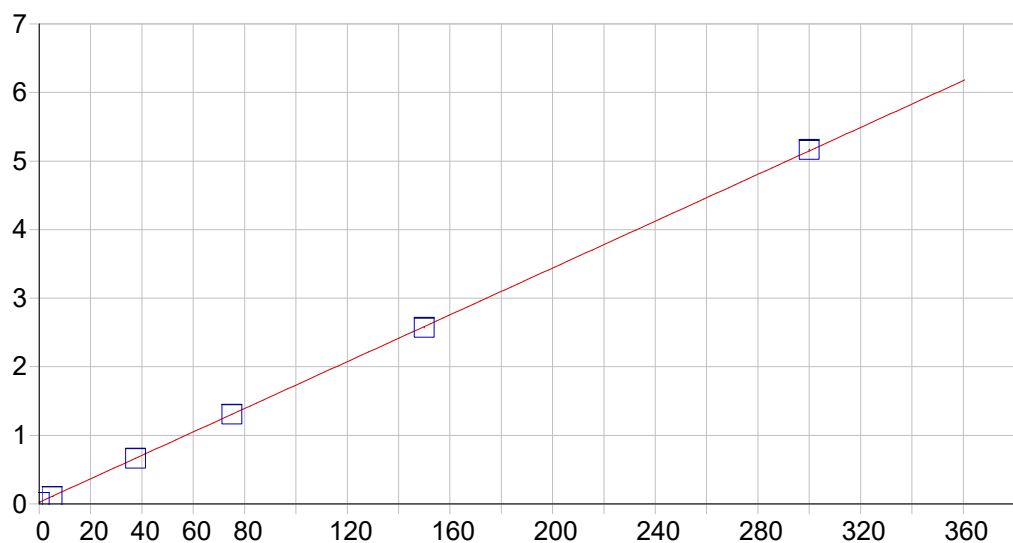


Zn 213.856 {158}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000568 Re-Slope: 1.000000
 A1 (Gain): 0.213772 Y-int: 0.000000
 A2 (Curvature): 0.000505
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: Warning Positive Curvature
 Std Error of Est: 0.000058
 Predicted MDL: 0.004352
 Predicted MQL: 0.014507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.002	1
S1	.06000	.05505	-.005	-8.25	.01124	.001	1
S2	3.7500	3.7494	-.001	-.015	.80867	.010	1
S3	7.5000	7.4790	-.021	-.280	1.6277	.003	1
S4	15.000	15.041	.041	.271	3.3314	.030	1
S5	30.000	29.986	-.014	-.047	6.8683	.058	1

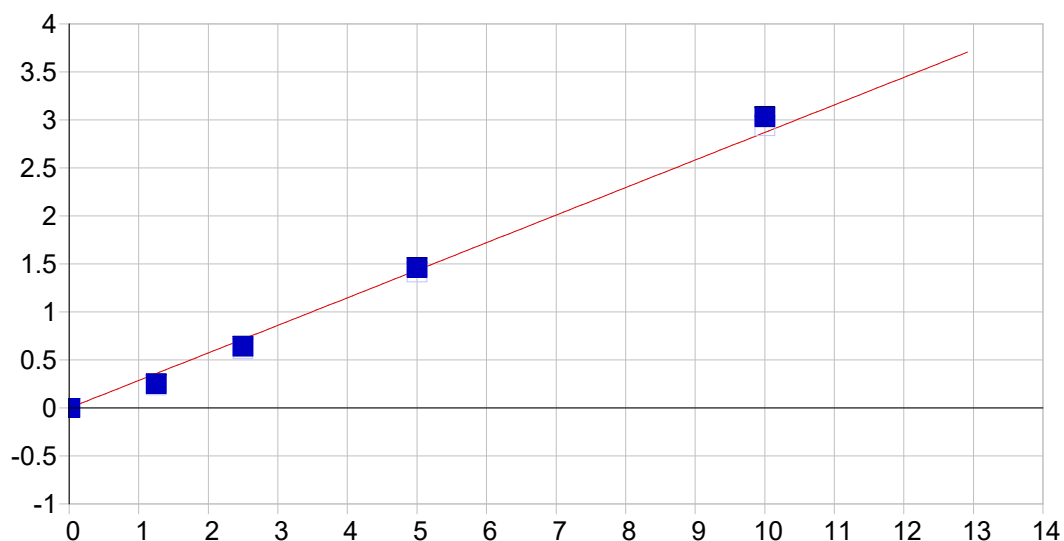


K 769.896 { 44}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024691 Re-Slope: 1.000000
 A1 (Gain): 0.017077 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.080929
 Predicted MQL: 0.269764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.02469	.001	1
S1	5.0000	4.9042	-.096	-1.92	.10844	.000	1
S2	37.500	37.486	-.014	-.039	.66483	.003	1
S3	75.000	74.972	-.028	-.037	1.3050	.003	1
S4	150.00	149.18	-.818	-.545	2.5723	.005	1
S5	300.00	300.96	.956	.319	5.1641	.005	1

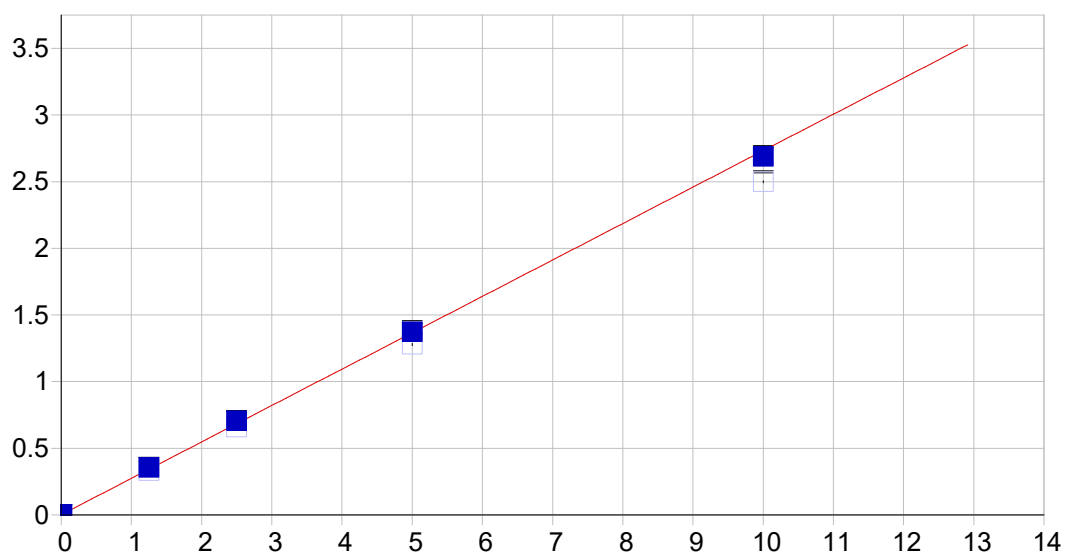


P 177.495 {490}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000934 Re-Slope: 1.000000
 A1 (Gain): 0.286989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994692 Status: OK.
 Std Error of Est: 0.000481
 Predicted MDL: 0.000646
 Predicted MQL: 0.002153

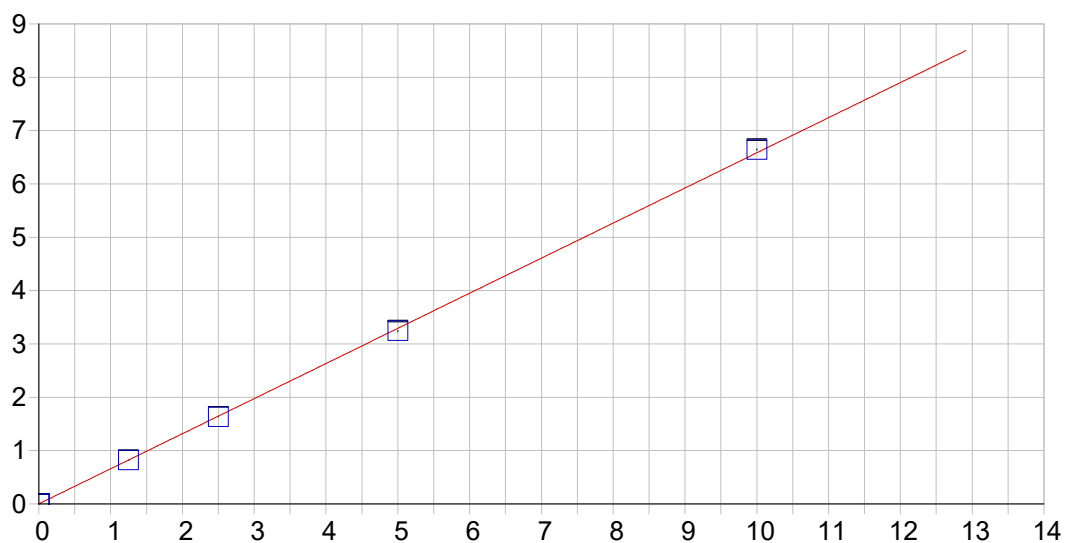
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00093	.000	1
S1	.01000	.00074	-.009	-92.6	-.00079	.000	1
S2	1.2500	.86865	-.381	-30.5	.23650	.000	1
S3	2.5000	2.2310	-.269	-10.8	.61562	.003	1
S4	5.0000	5.0935	.093	1.87	1.4134	.004	1
S5	10.000	10.566	.566	5.66	2.9366	.007	1



Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001036 Re-Slope: 1.000000
 A1 (Gain): 0.273117 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.001394
 Predicted MQL: 0.004645

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00104	.000	1
S1	.01000	.00998	-.000	-.211	.00373	.000	1
S2	1.2500	1.2973	.047	3.78	.33160	.002	1
S3	2.5000	2.5825	.083	3.30	.65888	.003	1
S4	5.0000	5.0263	.026	.525	1.2788	.009	1
S5	10.000	9.8439	-.156	-1.56	2.4996	.007	1

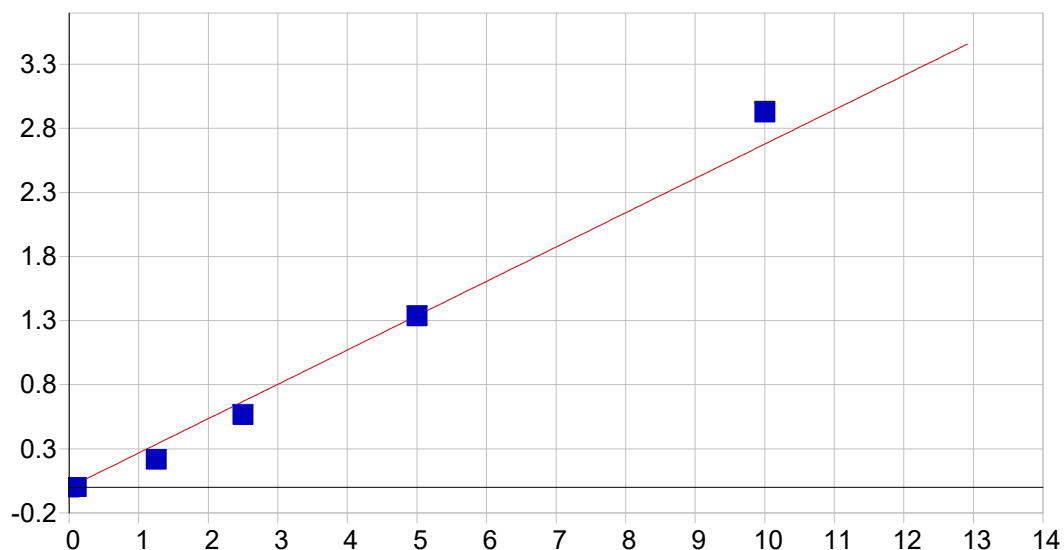


Mo 202.030 {467}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000487 Re-Slope: 1.000000
 A1 (Gain): 0.658246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.000603
 Predicted MQL: 0.002009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.01000	.00959	-.000	-4.05	.00680	.000	1
S2	1.2500	1.2479	-.002	-.171	.82189	.001	1
S3	2.5000	2.4802	-.020	-.794	1.6330	.004	1
S4	5.0000	4.9283	-.072	-1.43	3.2446	.016	1
S5	10.000	10.094	.094	.940	6.6448	.013	1

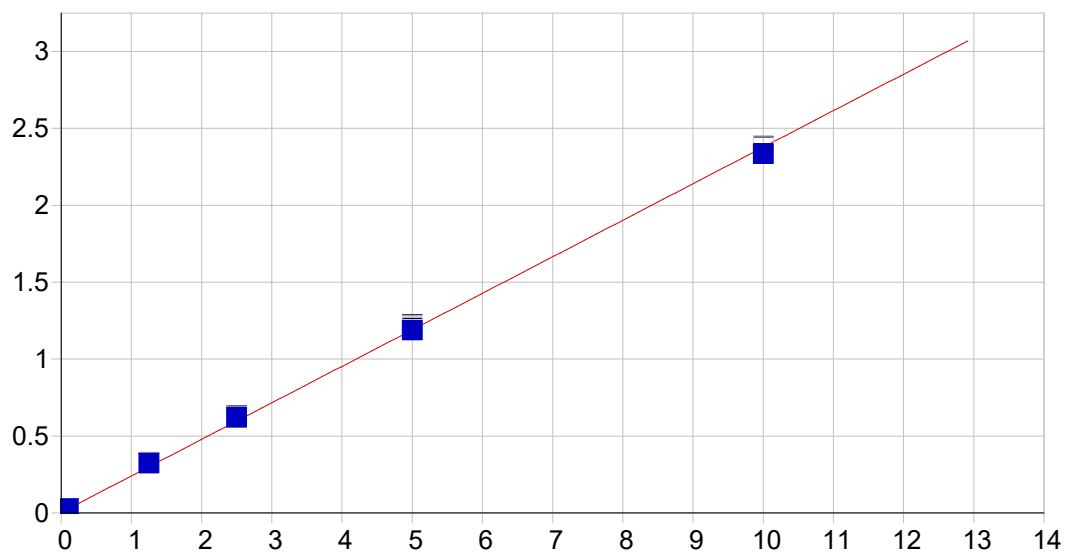


S 182.034 {485}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.267755 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990021 Status: OK.
 Std Error of Est: 0.002025
 Predicted MDL: 0.000837
 Predicted MQL: 0.002789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.00006	.000	1
S1	.10000	.01060	-.089	-89.4	.00285	.000	1
S2	1.2500	.80580	-.444	-35.5	.21574	.001	1
S3	2.5000	2.1182	-.382	-15.3	.56709	.002	1
S4	5.0000	4.9908	-.009	-.183	1.3362	.002	1
S5	10.000	10.925	.925	9.25	2.9248	.009	1

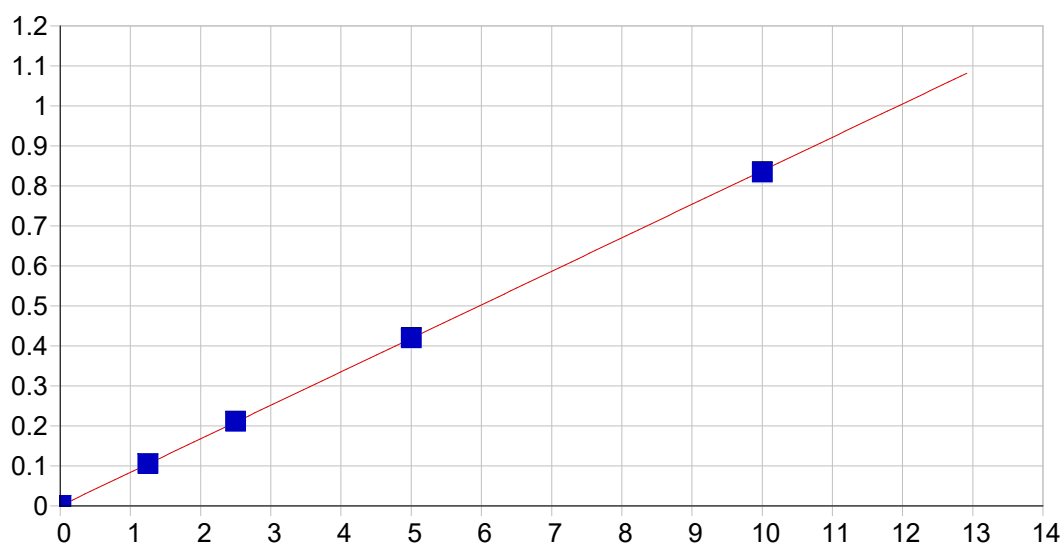


Si 251.611 {134}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003016 Re-Slope: 1.000000
 A1 (Gain): 0.237451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999646 Status: OK.
 Std Error of Est: 0.000342
 Predicted MDL: 0.001560
 Predicted MQL: 0.005200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00301	.000	1
S1	.10000	.10162	.002	1.62	.02741	.000	1
S2	1.2500	1.3428	.093	7.43	.32766	.000	1
S3	2.5000	2.5950	.095	3.80	.63077	.001	1
S4	5.0000	4.9931	-.007	-.137	1.2118	.011	1
S5	10.000	9.8175	-.183	-1.83	2.3805	.003	1

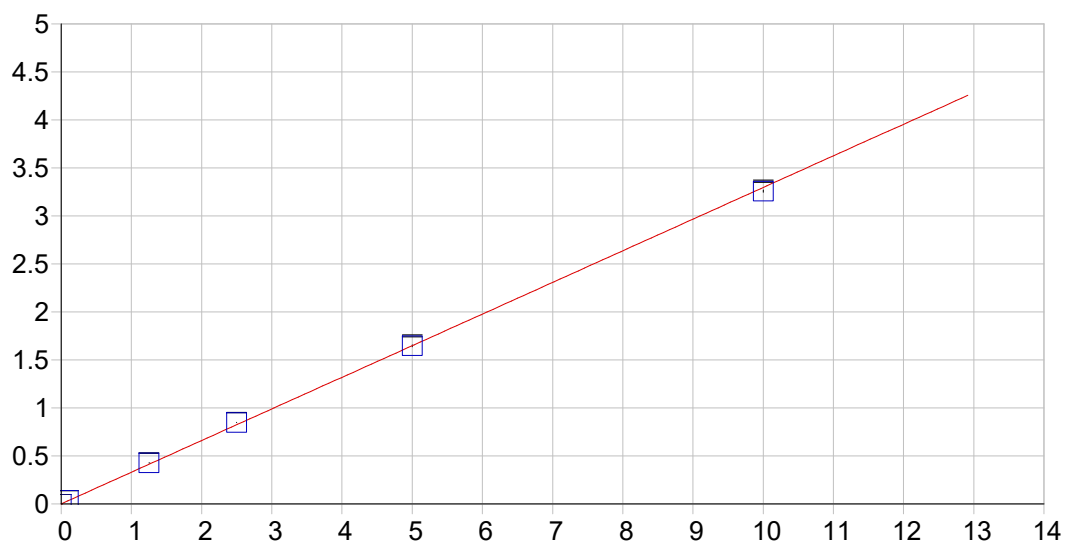


Sn 189.989 {478}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000195	Re-Slope:	1.000000
A1 (Gain):	0.083741	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.002559		
Predicted MQL:	0.008529		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.00700	.00619	-.001	-11.5	.00069	.000	1
S2	1.2500	1.2579	.008	.632	.10525	.000	1
S3	2.5000	2.5176	.018	.703	.21045	.001	1
S4	5.0000	5.0122	.012	.244	.41878	.001	1
S5	10.000	9.9631	-.037	-.369	.83224	.000	1

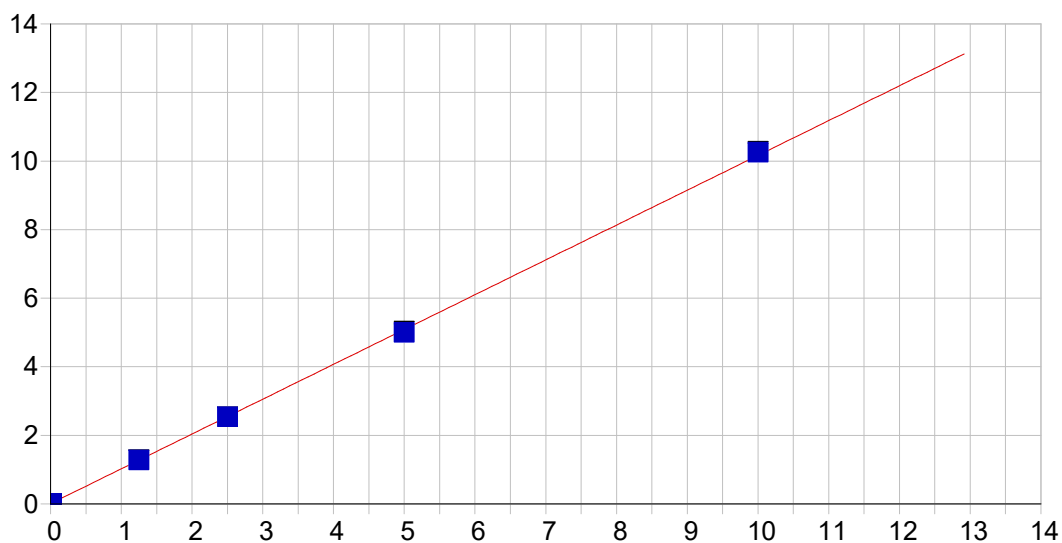


Ti 336.121 {100}

Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000665 Re-Slope: 1.000000
 A1 (Gain): 0.329509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000293
 Predicted MDL: 0.001507
 Predicted MQL: 0.005024

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00066	.001	1
S1	.10000	.10479	.005	4.79	.03519	.000	1
S2	1.2500	1.2962	.046	3.70	.42779	.001	1
S3	2.5000	2.5700	.070	2.80	.84751	.001	1
S4	5.0000	4.9953	-.005	-.093	1.6467	.009	1
S5	10.000	9.8836	-.116	-1.16	3.2574	.012	1

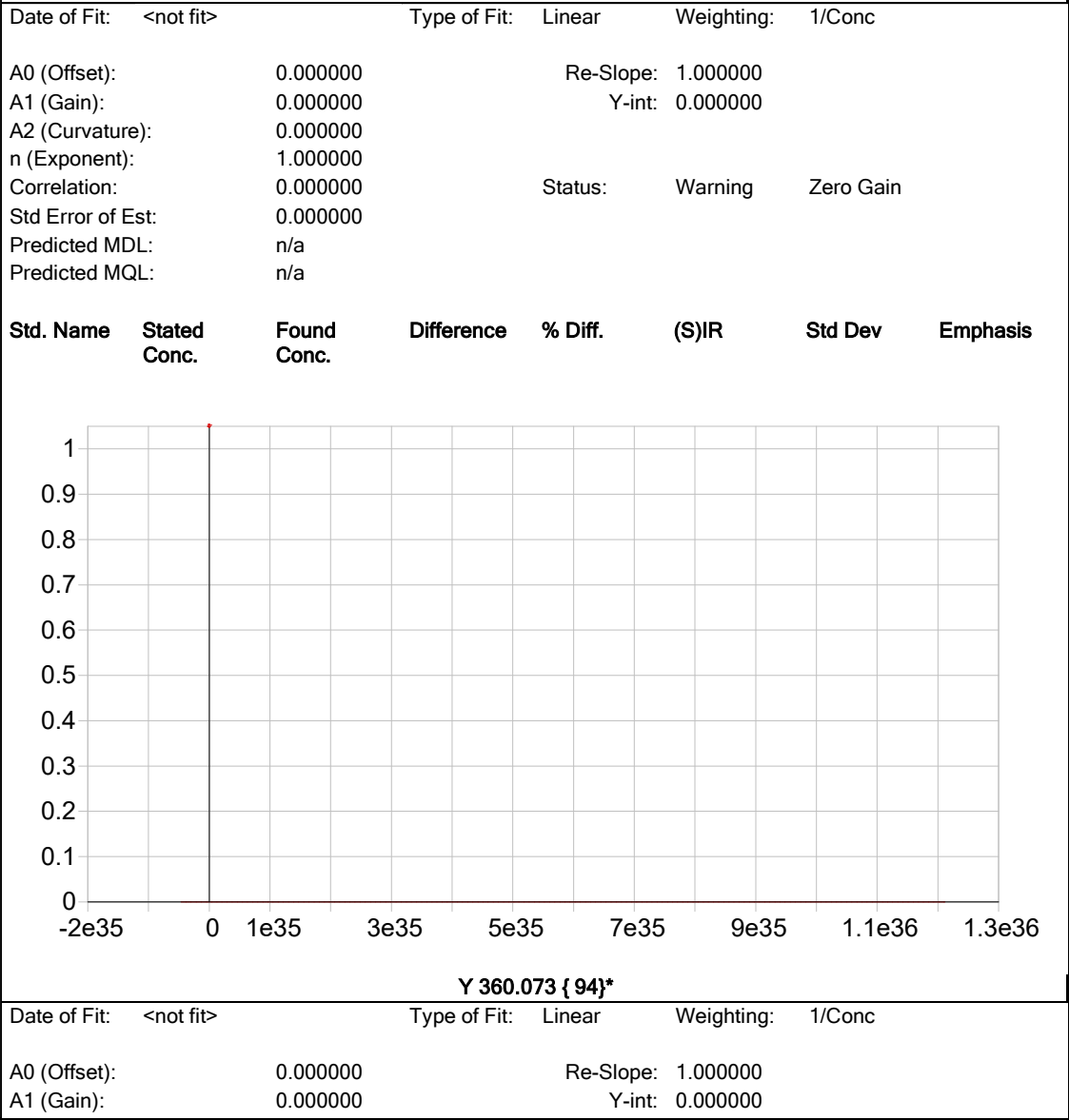
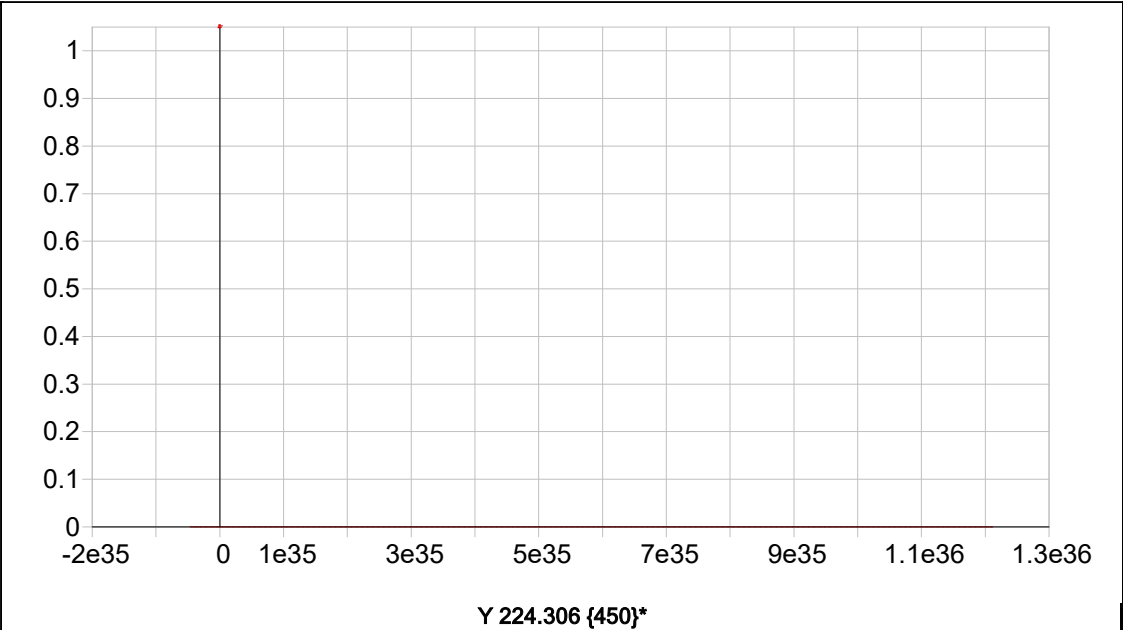


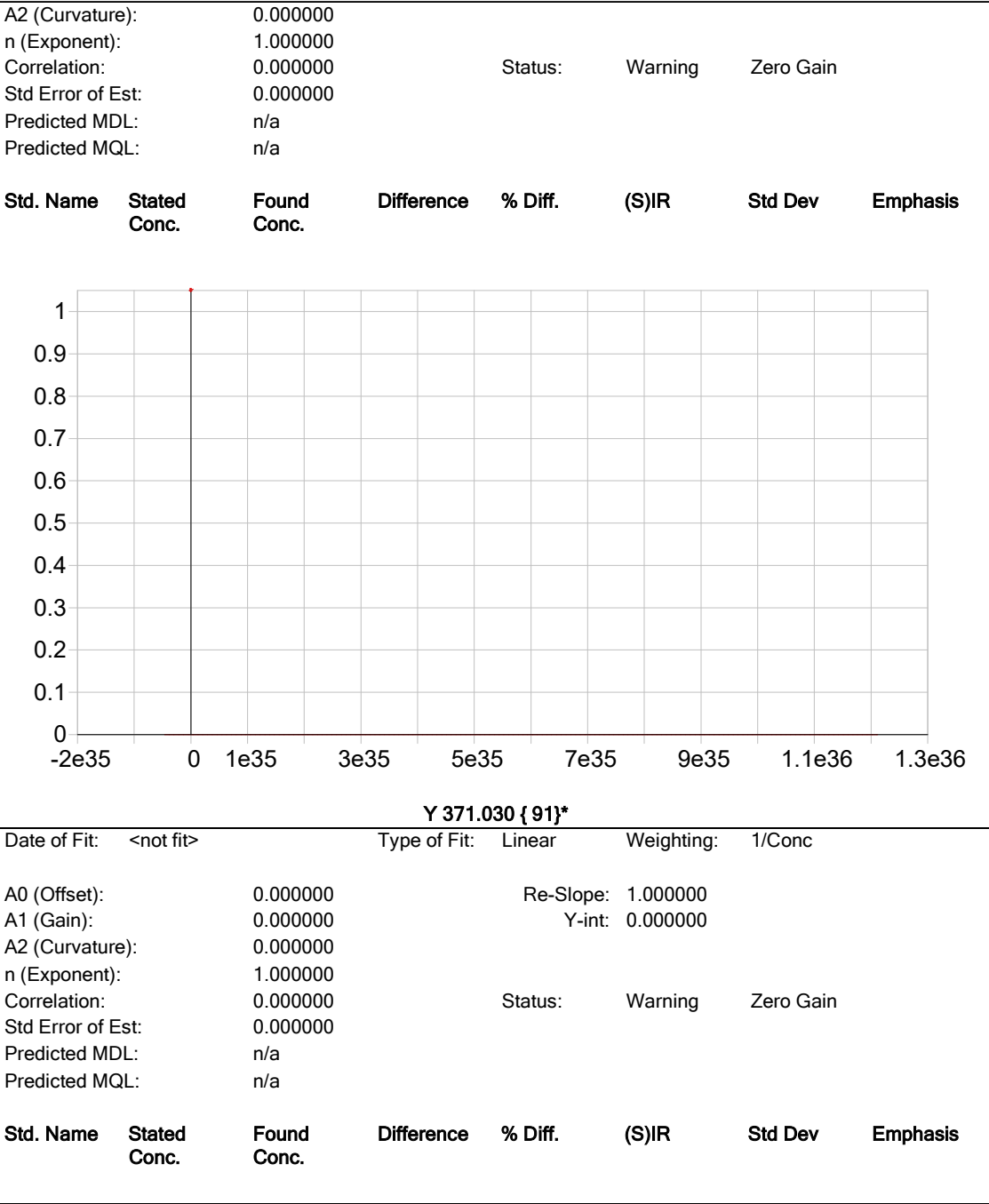
Li 670.784 { 50}

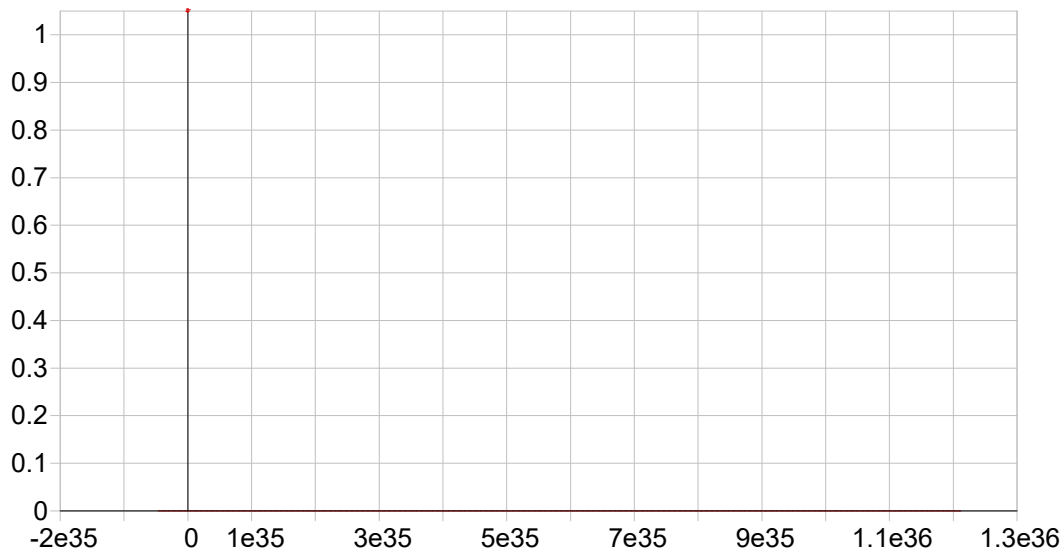
Date of Fit: 11/23/2021 13:24:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007838 Re-Slope: 1.000000
 A1 (Gain): 1.015641 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000248
 Predicted MDL: 0.001722
 Predicted MQL: 0.005741

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00784	.001	1
S5	10.000	10.091	.091	.911	10.246	.026	1
S4	5.0000	4.9165	-.084	-1.67	4.9957	.036	1
S3	2.5000	2.4914	-.009	-.343	2.5355	.013	1
S2	1.2500	1.2534	.003	.275	1.2795	.003	1
S1	.01500	.01255	-.002	-16.3	.02050	.002	1





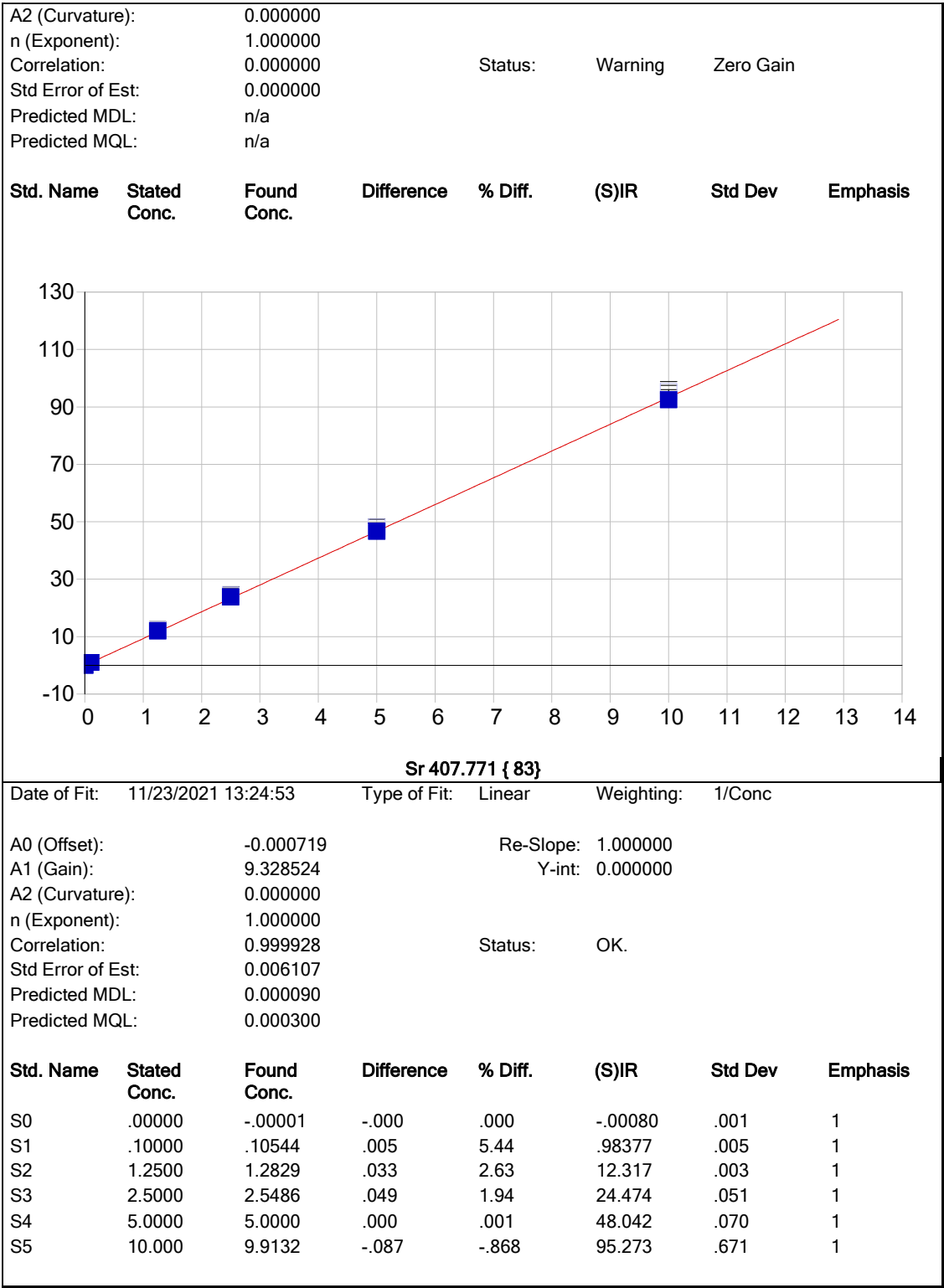


Y 224.306 {150}*

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

In 230.606 {446}*

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



Sample Name: S1 Acquired: 11/23/2021 13:05:09 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00014	.00010	.00103	.00316	.00825	.01621	.51999	.01773
Stddev	.00012	.00016	.00052	.00008	.00044	.00024	.00183	.00040
%RSD	91.492	162.43	50.113	2.6156	5.2975	1.4701	.35162	2.2816
#1	-.00002	-.00004	.00071	.00318	.00789	.01615	.52004	.01727
#2	-.00013	.00028	.00163	.00323	.00873	.01601	.52179	.01803
#3	-.00027	.00007	.00075	.00307	.00811	.01648	.51813	.01789
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	.01602	.21407	.00125	.04088	.00532	.00301	.00545	.04944
Stddev	.00020	.00012	.00006	.00022	.00036	.00020	.00011	.00023
%RSD	1.2244	.05616	4.4910	.54465	6.7101	6.5124	1.9799	.46977
#1	.01613	.21416	.00122	.04114	.00560	.00279	.00547	.04935
#2	.01580	.21393	.00132	.04077	.00545	.00306	.00555	.04927
#3	.01614	.21412	.00123	.04074	.00492	.00317	.00533	.04970
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	.01866	.00179	.02913	.00511	.01124	.10844	-.00079	.00373
Stddev	.00012	.00008	.00071	.00019	.00056	.00044	.00022	.00012
%RSD	.64803	4.7099	2.4247	3.6442	4.9444	.40816	27.866	3.1791
#1	.01862	.00188	.02961	.00531	.01151	.10793	-.00087	.00386
#2	.01856	.00172	.02946	.00494	.01060	.10867	-.00096	.00365
#3	.01879	.00177	.02832	.00508	.01161	.10872	-.00054	.00366
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	.00680	.00285	.02741	.00069	.03519	.02050	.98377	
Stddev	.00041	.00019	.00011	.00002	.00023	.00160	.00456	
%RSD	6.0967	6.5659	.38337	3.1925	.64861	7.7982	.46344	
#1	.00644	.00282	.02749	.00068	.03494	.02038	.98824	
#2	.00672	.00268	.02729	.00068	.03539	.01897	.97913	
#3	.00725	.00305	.02744	.00072	.03525	.02216	.98394	

Sample Name: S1 Acquired: 11/23/2021 13:05:09 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.3	38383.	6170.7	1005.4	1627.9
Stddev	1.2	398.	19.2	7.9	2.1
%RSD	.11254	1.0379	.31062	.79041	.12990
#1	1098.9	37939.	6150.3	998.13	1626.5
#2	1101.2	38709.	6188.3	1013.9	1627.0
#3	1100.8	38501.	6173.5	1004.1	1630.4

Sample Name: S2 Acquired: 11/23/2021 13:09:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03559	.05052	.98942	.07922	.16156	3.5833	6.6250	.45600
Stddev	.00018	.00032	.00147	.00038	.00093	.0047	.0184	.00175
%RSD	.51952	.63972	.14831	.47959	.57478	.13270	.27789	.38271

#1	.03580	.05084	.98875	.07900	.16164	3.5778	6.6388	.45776
#2	.03548	.05020	.98841	.07966	.16059	3.5864	6.6041	.45427
#3	.03549	.05052	.99110	.07900	.16245	3.5858	6.6321	.45597

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	1.7002	2.6762	.50941	.51968	.53325	1.0427	1.3126	.62820
Stddev	.0016	.0056	.00105	.00081	.00041	.0041	.0053	.00228
%RSD	.09204	.20847	.20704	.15668	.07688	.39544	.39980	.36274

#1	1.6988	2.6765	.51056	.51879	.53331	1.0419	1.3153	.62826
#2	1.7019	2.6704	.50849	.51986	.53281	1.0391	1.3065	.62590
#3	1.7000	2.6816	.50918	.52039	.53362	1.0472	1.3160	.63046

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	.31073	.08535	.23247	.06603	.80867	.66483	.23650	.33160
Stddev	.00077	.00019	.00176	.00035	.01049	.00345	.00040	.00197
%RSD	.24901	.21800	.75624	.52956	1.2967	.51935	.17119	.59521

#1	.31031	.08556	.23414	.06570	.79736	.66838	.23686	.33225
#2	.31163	.08527	.23064	.06600	.81060	.66148	.23606	.32938
#3	.31026	.08522	.23263	.06640	.81807	.66464	.23657	.33316

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	.82189	.21574	.32766	.10525	.42779	1.2795	12.317
Stddev	.00121	.00055	.00044	.00043	.00054	.0034	.003
%RSD	.14719	.25686	.13427	.40762	.12693	.26414	.02615

#1	.82093	.21603	.32802	.10567	.42830	1.2816	12.320
#2	.82149	.21510	.32779	.10481	.42785	1.2756	12.314
#3	.82325	.21608	.32717	.10527	.42722	1.2813	12.316

Sample Name: S2 Acquired: 11/23/2021 13:09:16 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.7	37775.	6133.3	966.79	1549.1
Stddev	.9	117.	23.5	8.79	1.3
%RSD	.08619	.30998	.38347	.90963	.08326
#1	1059.9	37818.	6141.0	976.88	1547.8
#2	1061.7	37865.	6151.9	962.75	1550.4
#3	1060.5	37643.	6106.8	960.75	1549.1

Sample Name: S3 Acquired: 11/23/2021 13:13:11 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07149	.10040	1.9650	.15532	.31750	7.1657	13.211	.89085
Stddev	.00094	.00051	.0045	.00115	.00049	.0090	.061	.00353
%RSD	1.3200	.50389	.22851	.73808	.15386	.12542	.46263	.39655

#1	.07055	.10064	1.9602	.15406	.31722	7.1746	13.237	.89492
#2	.07150	.09982	1.9658	.15560	.31722	7.1567	13.141	.88857
#3	.07244	.10074	1.9690	.15630	.31807	7.1658	13.255	.88906

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	3.3414	5.2347	.98647	1.0357	1.0469	2.0312	2.5841	1.2502
Stddev	.0061	.0190	.00125	.0003	.0024	.0025	.0068	.0049
%RSD	.18221	.36292	.12696	.02993	.23447	.12356	.26351	.39413

#1	3.3345	5.2448	.98791	1.0360	1.0492	2.0316	2.5880	1.2517
#2	3.3440	5.2128	.98558	1.0354	1.0443	2.0285	2.5762	1.2447
#3	3.3458	5.2465	.98593	1.0356	1.0472	2.0335	2.5880	1.2542

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	.61619	.17330	.46406	.13083	1.6277	1.3050	.61562	.65888
Stddev	.00198	.00029	.00299	.00020	.0027	.0025	.00299	.00296
%RSD	.32086	.16936	.64459	.15180	.16811	.19201	.48537	.44854

#1	.61490	.17297	.46435	.13097	1.6294	1.3065	.61402	.65854
#2	.61521	.17340	.46093	.13091	1.6246	1.3021	.61377	.65611
#3	.61847	.17353	.46689	.13060	1.6292	1.3064	.61906	.66199

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	1.6330	.56709	.63077	.21045	.84751	2.5355	24.474
Stddev	.0040	.00246	.00119	.00064	.00132	.0131	.051
%RSD	.24719	.43344	.18815	.30493	.15626	.51533	.20762

#1	1.6286	.56565	.63204	.21028	.84891	2.5319	24.530
#2	1.6365	.56570	.62970	.20991	.84733	2.5245	24.432
#3	1.6340	.56993	.63056	.21116	.84628	2.5499	24.459

Sample Name: S3 Acquired: 11/23/2021 13:13:11 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.5	37031.	6077.1	940.62	1481.6
Stddev	2.2	127.	3.3	2.40	3.2
%RSD	.21269	.34207	.05363	.25462	.21336
#1	1025.9	37176.	6079.7	941.25	1484.8
#2	1023.1	36942.	6078.2	937.98	1481.5
#3	1021.5	36976.	6073.5	942.64	1478.5

Sample Name: S4 Acquired: 11/23/2021 13:17:02 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14247	.19542	3.8749	.30057	.62648	14.271	25.971	1.7022
Stddev	.00068	.00026	.0034	.00153	.00305	.066	.124	.0145
%RSD	.48041	.13539	.08854	.50818	.48691	.46279	.47718	.85384

#1	.14168	.19512	3.8724	.29883	.62406	14.290	26.036	1.7141
#2	.14279	.19563	3.8735	.30116	.62548	14.198	25.829	1.6860
#3	.14293	.19552	3.8788	.30171	.62991	14.326	26.050	1.7064

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	6.5192	10.154	1.8997	2.0589	2.0393	3.9014	4.9899	2.4648
Stddev	.0042	.072	.0054	.0020	.0026	.0213	.0321	.0162
%RSD	.06483	.71101	.28231	.09555	.12833	.54643	.64298	.65830

#1	6.5237	10.198	1.8980	2.0612	2.0416	3.9136	5.0034	2.4698
#2	6.5153	10.071	1.8954	2.0577	2.0365	3.8768	4.9533	2.4467
#3	6.5186	10.194	1.9057	2.0578	2.0399	3.9139	5.0131	2.4780

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	1.2150	.34643	.91596	.25359	3.3314	2.5723	1.4134	1.2788
Stddev	.0012	.00155	.00610	.00174	.0299	.0052	.0035	.0092
%RSD	.09488	.44797	.66643	.68660	.89638	.20261	.25034	.71514

#1	1.2162	.34486	.92019	.25414	3.2969	2.5782	1.4110	1.2890
#2	1.2139	.34796	.90896	.25164	3.3473	2.5684	1.4117	1.2713
#3	1.2150	.34648	.91872	.25499	3.3499	2.5702	1.4175	1.2761

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2446	1.3362	1.2118	.41878	1.6467	4.9957	48.042
Stddev	.0162	.0025	.0114	.00090	.0087	.0360	.070
%RSD	.49778	.18545	.94160	.21410	.53050	.72141	.14600

#1	3.2315	1.3335	1.2241	.41793	1.6530	5.0017	48.117
#2	3.2396	1.3367	1.2015	.41870	1.6367	4.9571	47.978
#3	3.2626	1.3384	1.2098	.41972	1.6504	5.0285	48.029

Sample Name: S4 Acquired: 11/23/2021 13:17:02 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	974.84	36157.	6041.8	894.86	1398.1
Stddev	5.56	160.	52.5	2.25	.8
%RSD	.57027	.44352	.86839	.25197	.05459
#1	979.64	36307.	5983.8	896.72	1398.0
#2	976.14	35988.	6086.0	892.35	1398.9
#3	968.75	36177.	6055.6	895.50	1397.4

Sample Name: S5 Acquired: 11/23/2021 13:20:53 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29411	.37363	7.6644	.59386	1.2969	29.072	51.133	3.3041
Stddev	.00091	.00102	.0152	.00289	.0030	.113	.109	.0039
%RSD	.31066	.27396	.19854	.48717	.23024	.38969	.21282	.11798

#1	.29345	.37246	7.6495	.59078	1.2935	29.106	51.083	3.3013
#2	.29516	.37412	7.6638	.59653	1.2992	29.165	51.057	3.3085
#3	.29373	.37432	7.6799	.59426	1.2980	28.946	51.257	3.3025

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	12.674	20.071	3.6701	4.0704	4.0481	7.6211	9.8099	4.9684
Stddev	.025	.043	.0044	.0113	.0078	.0179	.0182	.0135
%RSD	.19356	.21366	.11939	.27753	.19404	.23542	.18606	.27064

#1	12.649	20.119	3.6660	4.0593	4.0541	7.6406	9.8310	4.9803
#2	12.675	20.059	3.6697	4.0819	4.0511	7.6175	9.8005	4.9711
#3	12.698	20.035	3.6747	4.0698	4.0392	7.6053	9.7984	4.9538

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	2.3904	.70424	1.8403	.50138	6.8683	5.1641	2.9366	2.4996
Stddev	.0042	.00578	.0073	.00384	.0579	.0055	.0066	.0073
%RSD	.17600	.82011	.39962	.76556	.84307	.10616	.22443	.29151

#1	2.3865	.69802	1.8425	.50503	6.8516	5.1696	2.9352	2.4913
#2	2.3898	.70525	1.8463	.50173	6.8206	5.1641	2.9437	2.5049
#3	2.3948	.70944	1.8321	.49737	6.9327	5.1586	2.9307	2.5026

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.6448	2.9248	2.3805	.83224	3.2574	10.246	95.273
Stddev	.0134	.0090	.0032	.00036	.0117	.026	.671
%RSD	.20139	.30889	.13651	.04337	.35797	.25721	.70427

#1	6.6302	2.9246	2.3769	.83199	3.2695	10.263	95.431
#2	6.6478	2.9339	2.3813	.83208	3.2565	10.259	94.537
#3	6.6565	2.9159	2.3832	.83265	3.2462	10.215	95.851

Sample Name: S5 Acquired: 11/23/2021 13:20:53 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.43	35019.	5914.7	831.58	1298.9
Stddev	2.87	69.	6.0	3.51	3.9
%RSD	.32293	.19666	.10221	.42182	.30265
#1	892.61	35087.	5907.8	833.70	1303.1
#2	888.66	35021.	5917.6	833.52	1298.1
#3	887.03	34949.	5918.8	827.53	1295.4

Sample Name: S6 Acquired: 11/23/2021 13:24:59 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	78.383	33.586	20.816	8.4676	5.2090
Stddev	.635	.184	.088	.0401	.0300
%RSD	.81056	.54747	.42060	.47383	.57499

#1	77.715	33.386	20.718	8.4247	5.1753
#2	78.979	33.747	20.885	8.5042	5.2324
#3	78.456	33.626	20.846	8.4737	5.2193

Int. Std.	Y_3710
Units	Cts/S
Avg	5765.4
Stddev	16.9
%RSD	.29307

#1	5774.2
#2	5745.9
#3	5776.0

Sample Name: ICV001 Acquired: 11/23/2021 13:29:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019257	1.075230	1.024607	1.077130	1.008338	2.452703
Stddev	.012359	.003216	.003051	.015424	.004775	.006636
%RSD	1.212558	.2991399	.2978151	1.431981	.4735049	.2705594

#1	1.006311	1.072045	1.028117	1.065975	1.002957	2.455919
#2	1.030930	1.078477	1.023113	1.070682	1.012067	2.457119
#3	1.020531	1.075168	1.022590	1.094732	1.009991	2.445072

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5405502	.5525956	.5420369	10.48280	.5699921	.5188815
Stddev	.0019703	.0006379	.0010748	.09684	.0024186	.0022940
%RSD	.3645056	.1154460	.1982794	.9238401	.4243140	.4421052

#1	.5382764	.5524532	.5408574	10.37398	.5672349	.5198244
#2	.5416205	.5532927	.5422924	10.51490	.5709863	.5162663
#3	.5417538	.5520409	.5429608	10.55952	.5717551	.5205538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5323642	10.91460	.5259215	5.711396	.5334085	.2430045
Stddev	.0069678	.06262	.0029702	.013806	.0009314	.0010489
%RSD	1.308847	.5737302	.5647649	.2417245	.1746200	.4316564

#1	.5402670	10.85100	.5226255	5.727330	.5324794	.2419702
#2	.5271051	10.91661	.5283909	5.703011	.5334038	.2440675
#3	.5297205	10.97620	.5267479	5.703847	.5343423	.2429760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02483	.5391958	.9508426	9.578141	F .0042422	F .0281606
Stddev	.19274	.0033383	.0067101	.098351	.0001003	.0007963
%RSD	1.922659	.6191358	.7057003	1.026826	2.364936	2.827819

#1	10.13304	.5381347	.9579410	9.464645	.0042887	.0272427
#2	9.80229	.5365170	.9446036	9.638336	.0043108	.0285722
#3	10.13914	.5429358	.9499832	9.631442	.0041271	.0286670

Sample Name: ICV001 Acquired: 11/23/2021 13:29:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000616	F -.000537	F .0100441	F -.000345	F -.000287	F .0000671
Stddev	.000223	.000260	.0004265	.000427	.000993	.0019323
%RSD	36.16835	48.38376	4.246275	123.6796	345.9154	2879.159
#1	-.000871	-.000244	.0096851	.000003	-.001380	-.001769
#2	-.000516	-.000626	.0099317	-.000217	-.000041	-.000114
#3	-.000460	-.000741	.0105156	-.000822	.000560	.002083

Elem	Sr4077
Units	ppm
Avg	F -.009571
Stddev	.000100
%RSD	1.049798
#1	-.009461
#2	-.009598
#3	-.009656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.443	38103.97	6123.049	990.5691	1622.141
Stddev	3.253	99.81	4.076	5.8050	3.370
%RSD	.2996582	.2619420	.0665650	.5860285	.2077801
#1	1089.043	38218.33	6118.350	983.8782	1622.480
#2	1084.570	38059.16	6125.175	994.2638	1625.330
#3	1082.716	38034.42	6125.624	993.5654	1618.614

Sample Name: ICB001 Acquired: 11/23/2021 13:33:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000357	-.002782	.0043479	-.000526	.0027139	.0050680	-.000185
Stddev	.004740	.003518	.0020247	.007120	.0039832	.0019343	.000945
%RSD	1328.342	126.4574	46.56660	1352.364	146.7716	38.16638	511.4966

#1	-.004012	-.001505	.0020235	.006825	-.001521	.0072830	-.000235
#2	.004999	-.000081	.0057273	-.001014	.006386	.0037122	-.001103
#3	-.002057	-.006761	.0052929	-.007390	.003277	.0042087	.000784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000253	.0000526	-.002981	-.000028	.0000156	-.000122	.0029259
Stddev	.0001027	.0000468	.009745	.000948	.0001173	.001598	.0017071
%RSD	405.3725	88.98932	326.9264	3347.207	752.2443	1313.679	58.34421

#1	.0001183	.0000376	.008265	-.000082	.0001392	.000953	.0030817
#2	.0000426	.0000151	-.008948	-.000949	.0000017	-.001958	.0011463
#3	-.000085	.0001050	-.008259	.000946	-.000094	.000640	.0045498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000099	-.006287	.0001803	.0003979	.0252941	-.002111	.0018481
Stddev	.000585	.023061	.0003184	.0002184	.3405202	.001402	.0024061
%RSD	589.2937	366.8184	176.5338	54.87325	1346.244	66.41639	130.1940

#1	-.000681	.020210	.0005448	.0001466	.0615780	-.000492	-.000253
#2	.000488	-.017244	.0000396	.0005065	.3462194	-.002919	.001324
#3	-.000104	-.021826	-.000043	.0005407	-.331915	-.002922	.004473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095031	.0001020	.0077044	-.000249	.0010634	.0000277	-.000397
Stddev	.043575	.0003897	.0016948	.000537	.0001484	.0014151	.001168
%RSD	45.85335	382.0714	21.99755	215.5212	13.95588	5111.726	294.5980

#1	-.051730	-.000339	.0088444	.000214	.0010211	-.001333	-.001342
#2	-.138875	.000247	.0085120	-.000838	.0012283	.001492	-.000757
#3	-.094487	.000399	.0057569	-.000124	.0009407	-.000076	.000909

Sample Name: ICB001 Acquired: 11/23/2021 13:33:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007006	-.001145	.0000283
Stddev	.0013388	.000587	.0000319
%RSD	191.0866	51.28365	112.9565

#1	-.000309	-.000511	.0000632
#2	.002219	-.001252	.0000005
#3	.000191	-.001670	.0000211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.807	38406.63	6078.783	995.1613	1612.031
Stddev	2.015	473.76	31.401	10.5440	4.838
%RSD	.1855426	1.233534	.5165645	1.059531	.3001384

#1	1087.532	38204.60	6052.425	998.1772	1609.939
#2	1086.295	38067.37	6070.400	983.4379	1617.563
#3	1083.593	38947.91	6113.525	1003.869	1608.591

Sample Name: ICSA001 Acquired: 11/23/2021 13:41:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007281	-.002619	-.006664	.0194439	.0097781	244.7597
Stddev	.009884	.008923	.003590	.0077752	.0007868	2.1126
%RSD	135.7534	340.6635	53.86814	39.98795	8.046212	.8631124

#1	-.001872	.004787	-.002976	.0275545	.0095791	246.5846
#2	-.001282	-.012525	-.010146	.0120542	.0091099	242.4454
#3	-.018689	-.000119	-.006869	.0187230	.0106452	245.2490

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056330	.0009733	-.000582	252.8250	.0579043	-.000680
Stddev	.0002799	.0000156	.000093	2.1923	.0007411	.000373
%RSD	4.968498	1.605448	15.90425	.8671267	1.279826	54.86022

#1	.0055301	.0009574	-.000614	254.8346	.0585178	-.000712
#2	.0059498	.0009887	-.000654	250.4870	.0570809	-.001036
#3	.0054192	.0009737	-.000478	253.1536	.0581143	-.000292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020046	103.2215	.0099299	246.8781	.0032436	-.001306
Stddev	.0007264	.9183	.0006149	2.1977	.0003898	.000160
%RSD	36.23781	.8896203	6.192357	.8902040	12.01832	12.28319

#1	.0013756	103.9345	.0093400	248.8443	.0031639	-.001243
#2	.0027997	102.1854	.0098827	244.5056	.0028999	-.001488
#3	.0018387	103.5447	.0105671	247.2844	.0036672	-.001187

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032242	-.002364	.0154084	-.275531	-.009510	F .1600055
Stddev	.231952	.003581	.0050636	.043186	.000944	.0011093
%RSD	719.4192	151.4698	32.86250	15.67364	9.925500	.6933069

#1	-.195038	-.001652	.0211857	-.325389	-.008456	.1612707
#2	.233344	-.006247	.0117405	-.251416	-.009797	.1595460
#3	-.135030	.000807	.0132990	-.249788	-.010277	.1591996

Sample Name: ICSA001 Acquired: 11/23/2021 13:41:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000425	-.000312	-.001620	.0019414	-.002230	-.002711
Stddev	.000226	.001232	.000563	.0026834	.000387	.000799
%RSD	53.22051	395.5514	34.76461	138.2190	17.37453	29.45272

#1	-.000493	.000922	-.000988	.0049797	-.001906	-.002069
#2	-.000610	-.001542	-.002068	.0009486	-.002659	-.003605
#3	-.000173	-.000315	-.001803	-.000104	-.002124	-.002460

Elem	Sr4077
Units	ppm
Avg	.0027831
Stddev	.0005443
%RSD	19.55711

#1	.0021599
#2	.0030244
#3	.0031650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1005.293	36113.40	5963.217	927.2500	1441.056
Stddev	3.648	99.53	22.174	9.9157	1.378
%RSD	.3629103	.2756169	.3718409	1.069365	.0955977

#1	1001.115	36228.23	5967.840	938.1992	1439.495
#2	1006.915	36060.28	5982.714	924.6750	1441.570
#3	1007.848	36051.70	5939.096	918.8758	1442.102

Sample Name: ICSAB001 Acquired: 11/23/2021 13:45:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1089541	.1032966	.0434903	.0686622	.6152179	244.3264
Stddev	.0060258	.0049822	.0023941	.0101802	.0028495	1.4449
%RSD	5.530563	4.823229	5.505007	14.82652	.4631661	.5913981

#1	.1021383	.1089808	.0408635	.0784976	.6123203	244.8157
#2	.1111504	.1012222	.0455500	.0693198	.6180166	242.7004
#3	.1135737	.0996867	.0440574	.0581691	.6153168	245.4633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5300125	.5311062	1.023447	253.0577	.5853247	.4983434
Stddev	.0053517	.0048302	.001953	2.4489	.0008162	.0008800
%RSD	1.009723	.9094505	.1907773	.9677110	.1394420	.1765903

#1	.5340681	.5328151	1.023161	254.7513	.5843852	.4973345
#2	.5239469	.5256540	1.021653	250.2498	.5858592	.4989531
#3	.5320226	.5348496	1.025526	254.1719	.5857298	.4987426

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019645	103.0986	.5068653	246.8090	1.011405	.1998629
Stddev	.0020165	.8829	.0016152	2.3860	.000874	.0005518
%RSD	.4017158	.8563523	.3186723	.9667328	.0863694	.2760780

#1	.5042452	103.3749	.5084982	248.3352	1.012078	.1993608
#2	.5004183	102.1106	.5052684	244.0595	1.011719	.1997742
#3	.5012298	103.8102	.5068294	248.0323	1.010418	.2004536

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1072408	.5085384	.9364737	-.323181	-.004980	F .1598944
Stddev	.2190500	.0081106	.0111874	.004742	.001185	.0022007
%RSD	204.2600	1.594885	1.194634	1.467134	23.80158	1.376333

#1	-.141258	.5149969	.9245170	-.328599	-.006335	.1612328
#2	.190634	.4994357	.9382169	-.319790	-.004470	.1573545
#3	.272346	.5111826	.9466872	-.321154	-.004135	.1610959

Sample Name: ICSAB001 Acquired: 11/23/2021 13:45:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000316	.0004464	-.001383	.0024299	-.003118	-.003308
Stddev	.000613	.0012229	.003455	.0010074	.001319	.000959
%RSD	193.8211	273.9661	249.7702	41.45973	42.29975	28.98742

#1	.000391	-.000272	-.004395	.0015697	-.001605	-.003337
#2	-.000680	-.000247	-.002142	.0035382	-.003722	-.004251
#3	-.000659	.001858	.002388	.0021819	-.004027	-.002334

Elem	Sr4077
Units	ppm
Avg	.0023918
Stddev	.0006852
%RSD	28.64814

#1	.0020332
#2	.0031819
#3	.0019603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1003.912	36389.97	5957.881	936.3215	1448.155
Stddev	3.476	60.05	44.175	6.3112	3.984
%RSD	.3462008	.1650099	.7414563	.6740377	.2751205

#1	1006.743	36347.68	5924.080	934.6131	1449.683
#2	1004.961	36363.53	6007.866	931.0405	1451.148
#3	1000.033	36458.70	5941.697	943.3111	1443.633

Sample Name: CCV061 Acquired: 11/23/2021 13:49:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.935663	4.952082	25.04483	5.374711	5.031691	411.6347
Stddev	.024312	.026397	.02161	.028180	.029006	.8782
%RSD	.4925700	.5330550	.0862732	.5243102	.5764631	.2133327

#1	4.962769	4.928740	25.02022	5.376919	5.036896	412.4263
#2	4.915785	4.946778	25.05358	5.345492	5.000436	410.6901
#3	4.928434	4.980729	25.06069	5.401723	5.057743	411.7875

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43983	.5176913	2.511110	410.9921	15.37276	2.533511
Stddev	.03373	.0047167	.002918	1.7293	.02849	.002307
%RSD	.3230938	.9110938	.1161990	.4207743	.1853142	.0910420

#1	10.43978	.5138374	2.507760	411.1113	15.34719	2.535420
#2	10.40613	.5162856	2.512471	409.2063	15.36761	2.530948
#3	10.47359	.5229511	2.513098	412.6588	15.40347	2.534165

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.36448	414.2779	15.37627	409.2661	2.524871	1.279176
Stddev	.03324	.2803	.07300	.6259	.001007	.003110
%RSD	.2163309	.0676605	.4747287	.1529268	.0398911	.2430904

#1	15.32635	414.4397	15.38360	409.0567	2.524331	1.279554
#2	15.38734	413.9542	15.29989	408.7717	2.524250	1.282080
#3	15.37976	414.4397	15.44533	409.9698	2.526033	1.275895

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.4835	2.557930	15.36643	155.9273	F 5.528682	F 5.533102
Stddev	1.7642	.011193	.22627	.7150	.016494	.051357
%RSD	.4340252	.4375624	1.472482	.4585422	.2983383	.9281836

#1	405.1902	2.563927	15.53221	155.1338	5.525796	5.485017
#2	405.7671	2.545017	15.45842	156.1267	5.513821	5.527087
#3	408.4933	2.564846	15.10865	156.5215	5.546429	5.587202

Sample Name: CCV061 Acquired: 11/23/2021 13:49:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.053543	5.493882	5.050538	5.095604	5.093187	5.236428
Stddev	.017085	.022065	.046833	.022831	.009607	.028346
%RSD	.3380722	.4016256	.9272806	.4480487	.1886338	.5413321

#1	5.049738	5.495372	5.006227	5.069241	5.091741	5.244182
#2	5.038681	5.471110	5.045847	5.108700	5.084385	5.205011
#3	5.072209	5.515164	5.099539	5.108870	5.103436	5.260090

Elem	Sr4077
Units	ppm
Avg	4.804799
Stddev	.049860
%RSD	1.037711

#1	4.828188
#2	4.747544
#3	4.838664

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	919.4845	35185.12	5820.949	860.7100	1310.449
Stddev	1.5398	158.05	27.938	8.8191	.979
%RSD	.1674600	.4491991	.4799610	1.024634	.0747433

#1	919.6387	35062.29	5832.436	851.8039	1311.543
#2	920.9413	35129.64	5841.313	860.8867	1309.653
#3	917.8734	35363.43	5789.098	869.4395	1310.152

Sample Name: CCB061 Acquired: 11/23/2021 13:53:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004866	-.000046	.0035734	.0026079	.0003904	.0036289
Stddev	.002658	.001306	.0022802	.0014806	.0006117	.0077449
%RSD	54.61951	2865.199	63.81135	56.77477	156.6547	213.4261

#1	-.007306	-.001498	.0037805	.0032142	.0010740	.0091810
#2	-.002034	.000329	.0057430	.0036891	.0002025	.0069244
#3	-.005259	.001033	.0011967	.0009203	-.000105	-.005219

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000840	.0000159	.0001207	-.014265	-.000037	-.000357
Stddev	.000055	.0001240	.0001170	.006449	.000457	.000477
%RSD	6.550142	781.3356	96.91347	45.21132	1225.878	133.4563

#1	-.000903	.0001053	.0001700	-.021664	.000489	-.000265
#2	-.000815	.0000680	-.000013	-.009839	-.000270	.000067
#3	-.000802	-.000126	.000205	-.011291	-.000331	-.000873

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032415	.0111550	-.000150	.0143095	-.000212	.0002377
Stddev	.0019439	.0065350	.000212	.0080178	.000827	.0001986
%RSD	59.97087	58.58333	141.3031	56.03106	389.9185	83.53704

#1	.0045343	.0078979	.000006	.0230641	.000493	.0002912
#2	.0041842	.0068887	-.000392	.0125403	-.001123	.0004041
#3	.0010059	.0186784	-.000065	.0073241	-.000006	.0000179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1121293	.0001911	-.000322	-.012659	.0001931	F .0120792
Stddev	.1656557	.0021967	.007333	.099793	.0004534	.0014143
%RSD	147.7363	1149.664	2274.059	788.3464	234.8109	11.70863

#1	-.078932	.0024138	-.002290	.094119	.0006543	.0137106
#2	.199683	-.001979	-.006471	-.103566	.0001772	.0113280
#3	.215637	.000138	.007794	-.028529	-.000252	.0111989

Sample Name: CCB061 Acquired: 11/23/2021 13:53:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001327	.0007324	-.000147	.0018681	.0009147	-.004282
Stddev	.0001410	.0003965	.000466	.0034245	.0015106	.000519
%RSD	106.2332	54.13766	316.3352	183.3158	165.1383	12.12498

#1	.0002805	.0003259	-.000683	.0049203	.0019050	-.004850
#2	-.000000	.0007532	.000068	.0025192	.0016632	-.004165
#3	.000118	.0011180	.000173	-.001835	-.000824	-.003832

Elem	Sr4077
Units	ppm
Avg	.0000568
Stddev	.0000101
%RSD	17.78254

#1	.0000683
#2	.0000491
#3	.0000531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.725	37903.19	6061.142	983.6002	1601.385
Stddev	3.444	55.38	25.876	.4783	1.229
%RSD	.3216144	.1461024	.4269237	.0486254	.0767479

#1	1071.232	37965.87	6035.425	984.1191	1602.643
#2	1067.056	37882.84	6060.825	983.5047	1600.187
#3	1073.888	37860.87	6087.175	983.1769	1601.326

Sample Name: PB140944BL Acquired: 11/23/2021 13:57:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090540	.0129013	.0051737	-.009372	-.002682	.0167443	.0023281
Stddev	.0018902	.0004385	.0002349	.000977	.000373	.0000561	.0002242
%RSD	20.87651	3.398547	4.540940	10.42354	13.90872	.3350424	9.629880

#1	.0068943	.0124221	.0053493	-.010499	-.002614	.0167584	.0024047
#2	.0104069	.0129993	.0052649	-.008789	-.002348	.0166825	.0020757
#3	.0098607	.0132824	.0049068	-.008826	-.003084	.0167921	.0025040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002295	-.000285	-.039878	.0005393	.0001751	-.004238	-.002175
Stddev	.0000178	.000035	.004633	.0002204	.0000379	.001629	.001683
%RSD	7.764990	12.34153	11.61907	40.86040	21.65177	38.43115	77.39074

#1	.0002390	-.000324	-.044244	.0007563	.0001954	-.005805	-.002491
#2	.0002406	-.000255	-.035017	.0003157	.0001314	-.004356	-.000356
#3	.0002090	-.000278	-.040374	.0005460	.0001987	-.002554	-.003678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000921	.0146647	.0020190	.0000963	.2978362	.0005599	.0016126
Stddev	.0000833	.0035232	.0001925	.0000493	.1114250	.0005008	.0006726
%RSD	90.42687	24.02486	9.533127	51.16335	37.41152	89.43102	41.70780

#1	-.000004	.0112696	.0018089	.0000493	.4253850	.0002909	.0009257
#2	.000138	.0144213	.0020614	.0000920	.2194331	.0002512	.0022699
#3	.000143	.0183033	.0021868	.0001476	.2486903	.0011377	.0016423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.36654	-.000542	-.001967	-.000662	-.000142	-.011006	-.002336
Stddev	.01268	.000059	.000272	.000111	.000071	.000648	.000735
%RSD	.9275308	10.86284	13.81252	16.79336	49.76429	5.888556	31.44857

#1	-1.36194	-.000475	-.001794	-.000577	-.000204	-.011102	-.002982
#2	-1.35680	-.000585	-.001828	-.000622	-.000158	-.010316	-.002487
#3	-1.38087	-.000567	-.002280	-.000788	-.000065	-.011601	-.001537

Sample Name: PB140944BL Acquired: 11/23/2021 13:57:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015830	-.009199	.0000172
Stddev	.0003360	.000039	.0000149
%RSD	21.22824	.4214498	86.24653

#1	.0012148	-.009155	.0000135
#2	.0016609	-.009228	.0000046
#3	.0018732	-.009213	.0000336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5396.387	179576.2	24549.86	4940.267	8043.937
Stddev	42.386	1055.4	345.96	39.272	53.368
%RSD	.7854444	.5877286	1.409218	.7949387	.6634505

#1	5405.870	179317.9	24759.45	4961.938	8029.915
#2	5350.063	180736.8	24739.58	4963.929	7998.981
#3	5433.228	178673.9	24150.54	4894.934	8102.916

Sample Name: PB140944BS Acquired: 11/23/2021 15:01:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189709	.0491939	.0179813	.0762881	.1255306	.3856837
Stddev	.0057575	.0069811	.0017174	.0020444	.0028948	.0106123
%RSD	30.34909	14.19104	9.550771	2.679841	2.306025	2.751559

#1	.0246122	.0469017	.0177681	.0759788	.1286500	.3748298
#2	.0131039	.0436470	.0197953	.0784695	.1250109	.3960366
#3	.0191966	.0570329	.0163806	.0744160	.1229308	.3861847

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4020974	.0110408	.0108069	10.05070	.0208107	.0936103
Stddev	.0016243	.0000497	.0002802	.05043	.0003873	.0005616
%RSD	.4039621	.4497540	2.592466	.5017629	1.861153	.5999780

#1	.4036221	.0109862	.0111301	10.09763	.0212123	.0934788
#2	.4022811	.0110528	.0106563	10.05710	.0207804	.0931261
#3	.4003891	.0110834	.0106342	9.99738	.0204394	.0942260

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519143	.2205767	.0309797	9.505307	.0778448	.0189193
Stddev	.0001373	.0004798	.0001344	.060532	.0008488	.0000505
%RSD	.2644522	.2175219	.4337840	.6368249	1.090416	.2671013

#1	.0519377	.2211306	.0311215	9.557754	.0781837	.0189363
#2	.0517669	.2202892	.0309636	9.519098	.0768788	.0188625
#3	.0520385	.2203104	.0308542	9.439069	.0784718	.0189592

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.658246	.1031218	.0993602	9.588372	F .0026835	.0209322
Stddev	.138920	.0024347	.0034108	.062521	.0005914	.0004813
%RSD	1.438361	2.361026	3.432759	.6520459	22.03746	2.299328

#1	9.616932	.1038180	.0968841	9.586913	.0032529	.0214333
#2	9.544669	.1004148	.0979458	9.526594	.0020724	.0208899
#3	9.813137	.1051326	.1032506	9.651609	.0027251	.0204735

Sample Name: PB140944BS Acquired: 11/23/2021 15:01:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204671	F .0200485	.1959110	.0131066	.2062692	.0252557
Stddev	.0004839	.0008939	.0025799	.0020308	.0011228	.0016874
%RSD	2.364222	4.458543	1.316870	15.49425	.5443231	6.681242

#1	.0204726	.0190901	.1983329	.0139735	.2050197	.0233128
#2	.0199804	.0201958	.1962023	.0107862	.2071934	.0263545
#3	.0209481	.0208595	.1931979	.0145600	.2065945	.0260997

Elem	Sr4077
Units	ppm
Avg	.2032849
Stddev	.0008189
%RSD	.4028449

#1	.2034966
#2	.2023810
#3	.2039773

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1031.172	37631.34	6021.093	970.3108	1599.371
Stddev	1.998	161.08	31.479	5.4844	1.082
%RSD	.1937193	.4280564	.5228196	.5652254	.0676770

#1	1028.984	37486.94	5986.951	966.5901	1599.849
#2	1032.898	37805.08	6027.359	967.7331	1600.132
#3	1031.634	37602.01	6048.967	976.6092	1598.132

Sample Name: M4759-01 Acquired: 11/23/2021 15:05:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189261	.0034735	.0111952	.0083659	.0002159	.0659281	.1900275
Stddev	.0069289	.0075236	.0021003	.0028690	.0023514	.0032051	.0012147
%RSD	36.61037	216.6005	18.76067	34.29351	1089.051	4.861527	.6392472

#1	.0168357	-.004616	.0096747	.0051196	-.002424	.0673655	.1894906
#2	.0132831	.010260	.0135917	.0094172	.000985	.0681628	.1914181
#3	.0266596	.004777	.0103192	.0105609	.002087	.0622559	.1891737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006214	-.000245	61.16425	.0296209	.0013040	.0383426	94.11427
Stddev	.0001405	.000047	.40940	.0004341	.0000965	.0034366	.51301
%RSD	22.60374	19.26520	.6693505	1.465476	7.398492	8.962942	.5450974

#1	.0005837	-.000191	61.11950	.0291209	.0012045	.0368952	93.76716
#2	.0007769	-.000272	61.59419	.0299014	.0013971	.0358665	94.70354
#3	.0005037	-.000273	60.77906	.0298403	.0013104	.0422662	93.87210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.183279	19.31160	.0213312	-.001056	202.7620	.0084188	.0325975
Stddev	.045916	.10431	.0009223	.000330	.7569	.0021446	.0031924
%RSD	.5611006	.5401327	4.323586	31.24825	.3733084	25.47370	9.793361

#1	8.179323	19.39711	.0215665	-.001402	202.1669	.0067365	.0294586
#2	8.231046	19.34231	.0203141	-.000745	203.6139	.0108337	.0324930
#3	8.139469	19.19539	.0221131	-.001022	202.5052	.0076862	.0358408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.63634	-.002111	.3641331	-.001084	1.052620	5.803259	.0011414
Stddev	.04587	.000326	.0013766	.000906	.002165	.027910	.0029562
%RSD	.2757079	15.43541	.3780379	83.52455	.2056659	.4809353	258.9986

#1	16.63820	-.001797	.3637883	-.000617	1.054365	5.816611	.0022840
#2	16.68125	-.002448	.3656492	-.002128	1.050197	5.821986	.0033558
#3	16.58957	-.002090	.3629617	-.000507	1.053297	5.771181	-.002216

Sample Name: M4759-01 Acquired: 11/23/2021 15:05:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011013	-.011988	.4945579
Stddev	.0006887	.001096	.0017112
%RSD	62.53648	9.145134	.3459993

#1	.0007901	-.010722	.4926276
#2	.0018907	-.012654	.4951574
#3	.0006231	-.012587	.4958886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.284	38655.86	6260.259	1007.332	1588.353
Stddev	1.842	72.62	24.193	3.271	2.828
%RSD	.1727461	.1878639	.3864515	.3246757	.1780465

#1	1068.371	38733.22	6263.761	1007.368	1590.445
#2	1065.594	38645.22	6234.506	1010.585	1589.478
#3	1064.886	38589.15	6282.510	1004.044	1585.136

Sample Name: M4759-01DUP Acquired: 11/23/2021 15:09:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163024	.0075614	.0162837	.0142502	.0007116	.0682664	.1881260
Stddev	.0026730	.0034461	.0002381	.0029045	.0017397	.0177864	.0011732
%RSD	16.39618	45.57470	1.461947	20.38246	244.4953	26.05438	.6236254

#1	.0186423	.0107333	.0165565	.0112001	-.001071	.0736812	.1870517
#2	.0168756	.0038946	.0161175	.0145673	.000801	.0484019	.1893779
#3	.0133894	.0080561	.0161772	.0169831	.002405	.0827160	.1879484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006844	-.000436	60.70346	.0296179	.0011836	.0364656	93.25308
Stddev	.0000051	.000070	.11553	.0002382	.0002215	.0008958	.16306
%RSD	.7453081	16.01551	.1903217	.8043795	18.71652	2.456509	.1748608

#1	.0006788	-.000360	60.81475	.0294361	.0010792	.0355641	93.26450
#2	.0006856	-.000498	60.71154	.0298876	.0014381	.0364772	93.41014
#3	.0006887	-.000450	60.58411	.0295300	.0010336	.0373555	93.08461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.120582	19.17778	.0218512	-.001044	201.6323	.0072418	.0323780
Stddev	.011412	.05184	.0006661	.000409	.8829	.0032721	.0038940
%RSD	.1405358	.2703200	3.048244	39.19077	.4378965	45.18306	12.02668

#1	8.120297	19.19428	.0225080	-.000714	201.5211	.0049493	.0364670
#2	8.132134	19.21937	.0218694	-.001502	202.5656	.0109890	.0319531
#3	8.109315	19.11970	.0211762	-.000916	200.8102	.0057872	.0287139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.63063	-.002121	.3609780	-.001503	1.057570	5.801124	.0021318
Stddev	.00416	.000687	.0021108	.000645	.003901	.046148	.0021229
%RSD	.0250025	32.39101	.5847496	42.89912	.3688778	.7955094	99.58365

#1	16.62831	-.002885	.3633541	-.002072	1.057897	5.854257	.0011051
#2	16.63544	-.001925	.3602606	-.000803	1.053516	5.778070	.0045728
#3	16.62816	-.001553	.3593195	-.001635	1.061298	5.771045	.0007174

Sample Name: M4759-01DUP Acquired: 11/23/2021 15:09:39 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024396	-.010002	.4964039
Stddev	.0014931	.001490	.0007093
%RSD	61.20166	14.90134	.1428870

#1	.0027527	-.009503	.4961059
#2	.0008148	-.008826	.4972136
#3	.0037513	-.011678	.4958922

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1057.835	38552.30	6256.492	998.9689	1579.447
Stddev	.754	120.39	32.595	4.6786	1.552
%RSD	.0712715	.3122889	.5209800	.4683451	.0982910

#1	1057.086	38658.47	6218.906	1004.346	1577.741
#2	1057.827	38421.49	6276.992	996.736	1580.777
#3	1058.593	38576.95	6273.578	995.825	1579.823

Sample Name: M4759-01MS Acquired: 11/23/2021 15:13:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488387	.0478569	.0326970	.0297265	.0873467	2.069737	2.311570
Stddev	.0150590	.0066575	.0025851	.0087157	.0048858	.017893	.017283
%RSD	30.83417	13.91133	7.906165	29.31962	5.593554	.8645186	.7476710

#1	.0575052	.0497969	.0303655	.0312699	.0914617	2.055508	2.305932
#2	.0314501	.0404448	.0354770	.0203422	.0886314	2.063878	2.297810
#3	.0575607	.0533289	.0322486	.0375674	.0819469	2.089826	2.330968

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568649	.0534011	60.31639	.2408077	.5208154	.2936908	89.07149
Stddev	.0000579	.0001956	.39720	.0009226	.0007546	.0021157	.51986
%RSD	.1018539	.3662541	.6585271	.3831209	.1448844	.7203726	.5836480

#1	.0569114	.0534191	60.26228	.2405087	.5207585	.2921426	88.95937
#2	.0568000	.0531971	59.94902	.2400717	.5200909	.2961015	88.61683
#3	.0568833	.0535870	60.73787	.2418427	.5215969	.2928284	89.63826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.564671	19.10383	.5473924	.0456180	201.1003	.5407420	.4951511
Stddev	.066125	.13104	.0011274	.0006668	.9143	.0038701	.0039720
%RSD	.7720727	.6859503	.2059568	1.461736	.4546270	.7156979	.8021755

#1	8.551561	19.13633	.5471554	.0457500	200.6259	.5438098	.4920652
#2	8.506083	18.95960	.5486195	.0462090	200.5207	.5363940	.4996325
#3	8.636370	19.21557	.5464024	.0448951	202.1542	.5420222	.4937557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.52925	.0002066	.3583541	-.000699	1.044275	5.760137	.0183421
Stddev	.07635	.0002881	.0019469	.000196	.001951	.013495	.0015695
%RSD	.4619301	139.4147	.5432986	28.07825	.1867866	.2342887	8.556766

#1	16.59659	.0005118	.3563273	-.000888	1.045448	5.765488	.0201399
#2	16.54486	.0001686	.3585250	-.000712	1.045353	5.744787	.0176419
#3	16.44629	-.000061	.3602099	-.000496	1.042023	5.770137	.0172446

Sample Name: M4759-01MS Acquired: 11/23/2021 15:13:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000972	-.012204	.5012884
Stddev	.001515	.002136	.0015842
%RSD	155.8095	17.50505	.3160282

#1	-.001774	-.014447	.5003279
#2	-.001917	-.011974	.5031169
#3	.000775	-.010193	.5004205

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1059.695	38529.87	6261.422	994.4188	1576.488
Stddev	3.974	120.13	28.626	.8754	.637
%RSD	.3750372	.3117876	.4571811	.0880327	.0404210

#1	1064.281	38668.08	6233.752	994.8801	1577.224
#2	1057.258	38450.52	6290.917	994.9671	1576.143
#3	1057.546	38471.02	6259.598	993.4092	1576.099

Sample Name: M4759-01LX5 Acquired: 11/23/2021 15:17:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050250	-.003056	.0031485	.0025770	.0006609	.0151848	.0358363
Stddev	.0065691	.005012	.0021911	.0024241	.0028261	.0024947	.0005776
%RSD	130.7298	164.0048	69.59159	94.06597	427.6191	16.42903	1.611636

#1	-.001827	-.007077	.0056489	.0010815	.0035261	.0149753	.0351786
#2	.011269	.002559	.0015639	.0012757	-.002124	.0177777	.0362605
#3	.005633	-.004650	.0022326	.0053739	.000581	.0128014	.0360699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001328	-.000050	11.57808	.0061729	-.000189	.0063065	18.03049
Stddev	.0000155	.000108	.02698	.0004432	.000389	.0007938	.08184
%RSD	11.65792	216.4249	.2330199	7.179677	205.7128	12.58747	.4538733

#1	.0001206	-.000160	11.60322	.0058904	-.000605	.0069469	18.00548
#2	.0001502	.000056	11.54957	.0066837	.000166	.0054183	17.96408
#3	.0001277	-.000045	11.58146	.0059446	-.000129	.0065542	18.12192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.568514	3.661665	.0048043	.0000743	38.52647	.0002036	.0076304
Stddev	.003361	.031897	.0004849	.0000735	.21079	.0005514	.0019539
%RSD	.2142835	.8710936	10.09258	99.01522	.5471428	270.7696	25.60716

#1	1.567786	3.681832	.0044306	-.000006	38.28900	.0007574	.0058759
#2	1.565577	3.624891	.0053522	.000091	38.69145	.0001989	.0072793
#3	1.572179	3.678271	.0046300	.000138	38.59897	-.000345	.0097361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.040119	-.000816	.0689271	-.001029	.1915230	1.095387	-.000167
Stddev	.021205	.000217	.0018057	.000496	.0010148	.015920	.000691
%RSD	.6974916	26.57162	2.619762	48.17910	.5298743	1.453344	414.3660

#1	3.063699	-.001066	.0688729	-.000770	.1911776	1.088278	.000307
#2	3.022616	-.000689	.0671491	-.001600	.1926655	1.084261	.000152
#3	3.034044	-.000692	.0707594	-.000716	.1907260	1.113623	-.000960

Sample Name: M4759-01LX5 Acquired: 11/23/2021 15:17:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006798	-.003420	.0961697
Stddev	.0004245	.000345	.0001664
%RSD	62.44849	10.07926	.1729977

#1	.0007131	-.003815	.0963553
#2	.0002396	-.003176	.0961200
#3	.0010868	-.003270	.0960338

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.637	37820.59	6148.642	974.8003	1603.632
Stddev	.703	122.75	63.038	7.2567	1.789
%RSD	.0674069	.3245651	1.025235	.7444295	.1115633

#1	1041.909	37681.28	6144.050	967.0028	1602.638
#2	1042.692	37867.57	6213.850	976.0421	1605.697
#3	1043.312	37912.91	6088.025	981.3559	1602.560

Sample Name: CCV062 Acquired: 11/23/2021 15:27:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.988696	4.880279	24.47088	4.973567	5.073018	408.5185	10.20725
Stddev	.025038	.016972	.01986	.033634	.028014	.7294	.05416
%RSD	.5018997	.3477706	.0811654	.6762492	.5522108	.1785598	.5305959

#1	5.017603	4.899838	24.49340	5.009776	5.105321	408.6662	10.19596
#2	4.974701	4.869432	24.45586	4.967626	5.055397	407.7265	10.15962
#3	4.973785	4.871566	24.46339	4.943300	5.058335	409.1628	10.26616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5013290	2.434409	402.0525	14.81597	2.444955	15.00813	402.2158
Stddev	.0005304	.000505	2.0635	.13575	.003604	.05046	1.6437
%RSD	.1058008	.0207335	.5132422	.9162371	.1474138	.3362405	.4086606

#1	.5012096	2.434793	401.4486	14.97211	2.446727	14.95292	401.6985
#2	.5008685	2.434596	400.3583	14.74989	2.440808	15.01958	400.8930
#3	.5019090	2.433838	404.3506	14.72592	2.447331	15.05188	404.0559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.95638	396.5167	2.466750	1.211266	396.7022	2.511535	14.11341
Stddev	.07978	1.9418	.003563	.009732	1.4288	.010204	.08773
%RSD	.5334139	.4897090	.1444451	.8034748	.3601658	.4062921	.6215779

#1	14.93575	396.3163	2.469250	1.219444	396.8031	2.519121	14.08110
#2	14.88895	394.6829	2.468331	1.200502	395.2256	2.499934	14.04643
#3	15.04445	398.5509	2.462670	1.213851	398.0779	2.515550	14.21271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.6965	5.443642	5.339864	5.115703	5.354935	4.943259	5.012055
Stddev	.7974	.014871	.019321	.023626	.018924	.014669	.005185
%RSD	.5256817	.2731879	.3618263	.4618272	.3534010	.2967496	.1034480

#1	151.1659	5.452530	5.339824	5.142635	5.360066	4.931125	5.012854
#2	151.3100	5.426474	5.320563	5.106003	5.333974	4.939091	5.016794
#3	152.6135	5.451922	5.359205	5.098472	5.370765	4.959561	5.006517

Sample Name: CCV062 Acquired: 11/23/2021 15:27:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.988091	5.170040	4.614051
Stddev	.013863	.027825	.047164
%RSD	.2779243	.5382013	1.022188

#1	4.979381	5.165356	4.584371
#2	4.980814	5.144853	4.589346
#3	5.004077	5.199909	4.668436

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	885.4542	35222.76	5808.741	861.1180	1297.045
Stddev	4.9297	230.62	24.069	3.7804	3.392
%RSD	.5567399	.6547434	.4143661	.4390107	.2615408

#1	879.7629	34985.13	5827.919	863.0656	1293.218
#2	888.2058	35445.65	5816.573	863.5275	1298.233
#3	888.3938	35237.51	5781.731	856.7609	1299.683

Sample Name: CCB062 Acquired: 11/23/2021 15:31:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041262	.0006510	-.000076	-.000157	-.000014	.0096930	-.000483
Stddev	.0075807	.0029916	.001705	.004296	.001058	.0019113	.000060
%RSD	183.7224	459.5468	2250.537	2736.788	7532.980	19.71853	12.52199

#1	.0128393	-.002540	-.000152	-.000140	-.000120	.0115205	-.000527
#2	.0004972	.001100	-.001742	-.004461	.001093	.0098507	-.000507
#3	-.000958	.003392	.001666	.004130	-.001015	.0077077	-.000414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	.0000474	.0011333	.0004066	.0003047	.0033162	.0138201
Stddev	.000087	.0000904	.0143112	.0004115	.0003321	.0029990	.0116543
%RSD	90.78483	190.6681	1262.819	101.2164	108.9817	90.43490	84.32866

#1	-.000007	.0000951	.0126696	.0001643	.0003943	.0012509	.0142777
#2	-.000098	-.000057	.0056118	.0001737	.0005829	.0067561	.0252390
#3	-.000181	.000104	-.014882	.0008818	-.000063	.0019415	.0019438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003992	.0090349	-.000025	.0003512	-.168104	-.001504	-.001289
Stddev	.0003847	.0316095	.000618	.0004792	.184869	.001841	.004303
%RSD	96.35240	349.8608	2488.719	136.4318	109.9732	122.3596	333.7481

#1	.0004866	.0097281	-.000471	-.000129	-.286370	-.001852	-.000883
#2	-.000022	.0402921	-.000284	.000354	-.262875	.000485	-.005781
#3	.000733	-.022916	.000681	.000829	.044933	-.003147	.002796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064348	-.000264	.0085381	.0000770	.0005372	.0010158	.0002233
Stddev	.040621	.000388	.0018027	.0001850	.0012816	.0007873	.0014070
%RSD	63.12746	146.6996	21.11329	240.4226	238.5735	77.50250	630.0190

#1	-.109538	-.000614	.0105982	-.000042	.0019421	.0019084	-.001361
#2	-.030866	-.000332	.0077663	.000290	-.000568	.0004202	.000702
#3	-.052642	.000153	.0072498	-.000017	.000237	.0007189	.001328

Sample Name: CCB062 Acquired: 11/23/2021 15:31:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002403	-.002586	.0000349
Stddev	.0018008	.000812	.0000545
%RSD	749.3791	31.40513	156.2892

#1	-.000485	-.001653	.0000360
#2	-.001085	-.003133	-.000020
#3	.002291	-.002972	.000089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.831	37974.43	6042.942	979.9320	1599.583
Stddev	5.898	138.85	50.128	10.4208	.970
%RSD	.5672237	.3656321	.8295226	1.063418	.0606126

#1	1037.208	37959.75	6079.000	990.9290	1599.221
#2	1046.586	37843.51	5985.700	970.2036	1600.681
#3	1035.699	38120.03	6064.125	978.6634	1598.846

Sample Name: M4775-02 Acquired: 11/23/2021 15:36:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10S-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086108	.0006083	.0037392	-.000365	-.001398	.0127246	.0155456
Stddev	.0085181	.0021140	.0039128	.005066	.002500	.0031198	.0002930
%RSD	98.92347	347.5276	104.6441	1389.482	178.8891	24.51800	1.884905

#1	.0127244	.0016682	.0048891	-.006092	.001199	.0099632	.0152842
#2	-.001183	-.001826	.0069481	.001472	-.001604	.0121016	.0154903
#3	.014291	.001983	-.000620	.003527	-.003788	.0161089	.0158624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001450	-.000150	12.17662	.0013077	-.000664	.0026874	.0080001
Stddev	.0000740	.000034	.02560	.0002985	.000189	.0016102	.0069708
%RSD	51.05160	22.93389	.2102001	22.82365	28.44931	59.91673	87.13450

#1	.0001834	-.000134	12.17072	.0009671	-.000631	.0038921	.0159274
#2	.0000597	-.000126	12.15449	.0014325	-.000493	.0033116	.0052454
#3	.0001919	-.000189	12.20465	.0015235	-.000867	.0008586	.0028275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010460	2.520993	.0020877	.0007047	5.264299	-.003489	.0174528
Stddev	.0002183	.037181	.0003657	.0001507	.184804	.001930	.0024143
%RSD	20.87040	1.474842	17.51897	21.38675	3.510510	55.33170	13.83354

#1	.0008999	2.481006	.0023515	.0006520	5.449355	-.005700	.0177102
#2	.0012970	2.527452	.0016702	.0008746	5.263795	-.002142	.0197281
#3	.0009412	2.554522	.0022415	.0005873	5.079748	-.002624	.0149200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2674623	.0010161	.0350270	.0001045	.6331524	6.221024	-.002421
Stddev	.0310072	.0001071	.0010244	.0002018	.0033125	.031190	.001385
%RSD	11.59311	10.53519	2.924710	193.2224	.5231751	.5013654	57.18272

#1	.2816150	.0011312	.0341821	.0001349	.6329754	6.187392	-.000848
#2	.2888679	.0009195	.0361665	-.000111	.6299320	6.226680	-.002960
#3	.2319040	.0009977	.0347326	.000289	.6365499	6.248999	-.003456

Sample Name: M4775-02 Acquired: 11/23/2021 15:36:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10S-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009702	-.011675	.1172289
Stddev	.0018891	.000379	.0001005
%RSD	194.7191	3.246630	.0857024

#1	.0027035	-.011509	.1171219
#2	.0012505	-.012109	.1172436
#3	-.001043	-.011407	.1173212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.714	40026.48	6362.817	1043.835	1695.641
Stddev	1.820	78.90	12.588	3.933	4.166
%RSD	.1650714	.1971133	.1978342	.3767929	.2456783

#1	1104.803	39937.14	6377.350	1040.130	1699.614
#2	1101.870	40086.58	6355.750	1043.414	1696.002
#3	1101.469	40055.74	6355.350	1047.962	1691.306

Sample Name: M4775-04 Acquired: 11/23/2021 15:40:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10I-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005334	.0024968	.0025403	-.005021	-.000141	.0136677	.0619213
Stddev	.0073867	.0042793	.0013141	.002455	.002048	.0011705	.0010563
%RSD	1384.839	171.3891	51.72874	48.89850	1450.105	8.563766	1.705852

#1	-.003215	.0010971	.0024564	-.007027	.002197	.0124061	.0627840
#2	-.004228	.0073006	.0012702	-.005754	-.001001	.0138787	.0607433
#3	.009043	-.000907	.0038943	-.002283	-.001619	.0147184	.0622366

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000469	.0001446	53.46159	.0026072	.0669219	.0043375	.0510948
Stddev	.0000144	.0001381	.27774	.0000475	.0007385	.0003863	.0015810
%RSD	30.69888	95.48910	.5195200	1.822776	1.103517	8.905180	3.094257

#1	.0000511	.0001845	53.68928	.0026020	.0660704	.0047707	.0521804
#2	.0000309	.0002583	53.15214	.0025625	.0673066	.0042125	.0492809
#3	.0000587	-.000009	53.54334	.0026571	.0673885	.0040292	.0518230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.719453	14.03713	.0077086	.0002109	337.4884	-.001131	.0196673
Stddev	.009677	.07734	.0007061	.0004116	1.3336	.001361	.0036826
%RSD	.5627731	.5509468	9.159532	195.1310	.3951405	120.3007	18.72467

#1	1.726430	14.12031	.0083343	.0002177	338.8220	.000429	.0230667
#2	1.708407	13.96741	.0069431	.0006191	336.1549	-.001748	.0201801
#3	1.723523	14.02366	.0078486	-.000204	337.4883	-.002073	.0157552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.13046	.0013493	.3904059	-.000554	1.449513	4.159273	-.000933
Stddev	.11145	.0007448	.0016451	.000661	.008305	.005956	.000918
%RSD	.6146937	55.20085	.4213752	119.3724	.5729240	.1431916	98.37162

#1	18.09378	.0011137	.3907629	-.001173	1.445136	4.156158	-.000314
#2	18.04197	.0021835	.3918431	-.000631	1.444313	4.155520	-.001987
#3	18.25562	.0007508	.3886116	.000142	1.459091	4.166140	-.000497

Sample Name: M4775-04 Acquired: 11/23/2021 15:40:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10I-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000693	-.013196	.5112422
Stddev	.000778	.000754	.0013444
%RSD	112.2755	5.710684	.2629643

#1	-.001451	-.013185	.5125687
#2	-.000733	-.012448	.5098806
#3	.000104	-.013956	.5112774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1061.983	38668.08	6219.797	1012.973	1566.139
Stddev	2.547	74.40	13.614	4.108	2.253
%RSD	.2398555	.1924128	.2188808	.4055344	.1438339

#1	1064.842	38583.86	6210.771	1009.174	1568.540
#2	1059.955	38695.48	6235.456	1017.333	1565.806
#3	1061.153	38724.90	6213.163	1012.413	1564.072

Sample Name: M4775-06 Acquired: 11/23/2021 15:44:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10D-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084043	-.000904	.0028529	-.002814	-.000787	.0005156	.0311702
Stddev	.0065622	.005231	.0028339	.002054	.001882	.0063226	.0005555
%RSD	78.08140	578.6467	99.33198	72.99617	239.1614	1226.331	1.782043

#1	.0012434	.004953	.0026372	-.001100	.001083	-.004841	.0307281
#2	.0141304	-.005110	.0001331	-.005091	-.002681	-.001102	.0317937
#3	.0098392	-.002555	.0057885	-.002250	-.000763	.007490	.0309889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001028	.0000924	20.89269	.0013794	.0006438	-.000164	.0174585
Stddev	.0000509	.0000795	.11504	.0009147	.0002079	.002020	.0080818
%RSD	49.55631	86.01596	.5506091	66.30767	32.29788	1232.313	46.29145

#1	.0001454	.0001796	20.87758	.0018853	.0008715	.001817	.0090271
#2	.0001166	.0000240	21.01454	.0019293	.0004639	-.000089	.0251382
#3	.0000464	.0000736	20.78596	.0003236	.0005960	-.002220	.0182102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197295	6.415260	.0068964	.0001826	58.12807	-.000805	.0164914
Stddev	.0002066	.056050	.0005826	.0001714	.19083	.001357	.0006241
%RSD	1.047012	.8737047	8.448659	93.90913	.3282869	168.6021	3.784215

#1	.0198481	6.394705	.0067426	.0001857	57.93770	-.001898	.0171989
#2	.0198495	6.478686	.0075405	.0003524	58.12715	-.001230	.0160191
#3	.0194910	6.372389	.0064060	.0000096	58.31935	.000714	.0162562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3817503	.0080134	.0146128	-.000293	.7366647	4.210332	-.000168
Stddev	.0540130	.0004151	.0013843	.000233	.0010227	.021590	.002982
%RSD	14.14877	5.180505	9.473030	79.53589	.1388284	.5127810	1774.005

#1	.3966405	.0083327	.0134678	-.000417	.7356345	4.217671	-.002945
#2	.3218541	.0075441	.0142193	-.000438	.7366798	4.227296	.002983
#3	.4267562	.0081633	.0161512	-.000024	.7376797	4.186030	-.000543

Sample Name: M4775-06 Acquired: 11/23/2021 15:44:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10D-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012779	-.011121	.1255656
Stddev	.0016570	.001133	.0001050
%RSD	129.6677	10.19037	.0836319

#1	-.000140	-.010669	.1255502
#2	.003099	-.012410	.1254691
#3	.000875	-.010283	.1256774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1091.065	39467.37	6354.908	1028.745	1668.496
Stddev	3.086	157.11	11.560	5.506	3.843
%RSD	.2828724	.3980686	.1819018	.5352590	.2303479

#1	1094.562	39560.90	6353.875	1030.215	1672.508
#2	1089.912	39555.22	6343.900	1033.367	1664.847
#3	1088.722	39285.99	6366.950	1022.652	1668.134

Sample Name: M4775-08 Acquired: 11/23/2021 15:48:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RW-12I-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119009	.0072972	.0000452	-.001662	-.002191	.0057185	.0577014
Stddev	.0044178	.0033555	.0029836	.005664	.001251	.0021683	.0003606
%RSD	37.12119	45.98298	6608.284	340.8721	57.10971	37.91841	.6249331

#1	.0169693	.0086848	.0033816	-.002993	-.002958	.0056578	.0580691
#2	.0098672	.0034705	-.002366	.004549	-.000747	.0035811	.0573484
#3	.0088663	.0097364	-.000880	-.006541	-.002867	.0079165	.0576866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001402	-.000049	65.12741	.0007821	-.000296	.0044626	.1643556
Stddev	.0000289	.000058	.11491	.0003258	.000036	.0014010	.0008927
%RSD	20.64699	117.9505	.1764434	41.66380	12.21039	31.39474	.5431393

#1	.0001651	-.000004	65.14820	.0004922	-.000304	.0060633	.1649326
#2	.0001084	-.000115	65.23050	.0007192	-.000328	.0034593	.1648068
#3	.0001470	-.000028	65.00352	.0011348	-.000257	.0038651	.1633274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598775	33.38876	.0077695	.0002269	127.8711	-.000919	.0159512
Stddev	.0002812	.05677	.0004763	.0002209	.3843	.002388	.0040581
%RSD	.4696324	.1700248	6.129872	97.34333	.3005617	259.8409	25.44048

#1	.0601005	33.38637	.0075026	.0003618	127.5050	.000606	.0204995
#2	.0595616	33.33323	.0074866	.0003470	128.2714	-.003671	.0127009
#3	.0599704	33.44669	.0083194	-.000028	127.8368	.000308	.0146534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.82740	.0016665	1.434285	-.000426	2.758929	3.329269	-.001991
Stddev	.09548	.0004398	.012087	.000109	.001922	.028910	.002457
%RSD	.1651143	26.39395	.8427458	25.45878	.0696501	.8683663	123.3929

#1	57.92382	.0020024	1.448205	-.000350	2.759144	3.362594	-.000611
#2	57.73288	.0018284	1.428207	-.000379	2.760734	3.314309	-.000534
#3	57.82551	.0011686	1.426442	-.000550	2.756909	3.310905	-.004827

Sample Name: M4775-08 Acquired: 11/23/2021 15:48:17 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: RW-12I-20211 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000189	-.011757	.4734251
Stddev	.0007799	.000954	.0013418
%RSD	4122.218	8.110060	.2834278

#1	.0001627	-.012793	.4743475
#2	-.000823	-.011562	.4718858
#3	.000717	-.010916	.4740420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1064.147	38905.32	6280.133	1006.285	1598.742
Stddev	1.883	194.92	35.822	7.216	.997
%RSD	.1769283	.5010114	.5703969	.7170591	.0623779

#1	1062.286	39113.20	6238.965	1014.072	1599.789
#2	1064.105	38876.10	6304.192	1004.957	1598.634
#3	1066.051	38726.66	6297.243	999.825	1597.803

Sample Name: M4775-10 Acquired: 11/23/2021 15:52:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RW-12D-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124750	.0034564	.0028480	-.003038	-.026305	.0144808	.0511998
Stddev	.0057210	.0066012	.0014176	.007915	.002711	.0082712	.0002073
%RSD	45.85978	190.9828	49.77567	260.5215	10.30518	57.11833	.4049361

#1	.0075186	.0006001	.0015691	.001792	-.027861	.0050336	.0509865
#2	.0187355	.0110048	.0043722	-.012172	-.027878	.0204189	.0512121
#3	.0111710	-.001236	.0026026	.001266	-.023175	.0179899	.0514006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001219	-.000032	57.17751	.0018388	-.000516	-.000036	.3771301
Stddev	.0000590	.000188	.42908	.0003817	.000311	.002284	.0112377
%RSD	48.40358	579.3680	.7504390	20.75806	60.17617	6279.820	2.979807

#1	.0001298	.000154	56.78760	.0013981	-.000167	-.002156	.3758731
#2	.0000593	-.000222	57.63721	.0020654	-.000761	.002383	.3889435
#3	.0001765	-.000029	57.10773	.0020528	-.000621	-.000336	.3665736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206111	17.99199	.0037324	.0001620	124.7777	-.001387	.3845838
Stddev	.0004303	.15541	.0002602	.0004694	.6488	.004508	.0109751
%RSD	2.087814	.8637596	6.972194	289.7687	.5199824	324.9738	2.853775

#1	.0206276	17.81515	.0039421	.0006993	124.0897	.001086	.3808687
#2	.0210329	18.10682	.0038140	-.000168	125.3785	.001343	.3969343
#3	.0201727	18.05399	.0034412	-.000046	124.8650	-.006590	.3759483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.739424	.0000818	.8464596	-.001039	5.307744	4.281252	1.900173
Stddev	.052472	.0004369	.0088596	.000634	.017121	.034628	.011622
%RSD	1.107139	534.2046	1.046663	60.99784	.3225598	.8088400	.6116204

#1	4.688664	-.000422	.8362296	-.000546	5.287980	4.241289	1.886754
#2	4.736151	.000313	.8515209	-.001753	5.317244	4.300058	1.906991
#3	4.793455	.000355	.8516283	-.000816	5.318008	4.302408	1.906773

Sample Name: M4775-10 Acquired: 11/23/2021 15:52:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RW-12D-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000326	-.011016	.3735762
Stddev	.0015915	.001054	.0007340
%RSD	4881.357	9.569019	.1964866

#1	-.000636	-.011346	.3729965
#2	-.001115	-.009837	.3733305
#3	.001849	-.011866	.3744016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1067.994	38915.67	6292.874	1010.412	1618.470
Stddev	2.137	56.44	30.183	4.758	2.396
%RSD	.2001169	.1450365	.4796376	.4709429	.1480185

#1	1068.838	38970.04	6327.717	1006.391	1621.127
#2	1069.580	38857.36	6274.736	1009.180	1616.474
#3	1065.563	38919.60	6276.170	1015.666	1617.810

Sample Name: PB140945BL Acquired: 11/23/2021 15:56:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002077	-.003268	.0039920	.0021777	.0009600	-.004313
Stddev	.005080	.003747	.0012077	.0048432	.0021715	.008651
%RSD	244.6204	114.6601	30.25363	222.4035	226.2054	200.5758

#1	.000533	-.007570	.0026245	.0001690	.0018224	-.014026
#2	-.007932	-.001509	.0049124	-.001338	.0025677	.002560
#3	.001168	-.000724	.0044389	.007702	-.001510	-.001472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001043	-.000030	.0000256	-.009546	-.000133	-.000055
Stddev	.000584	.000103	.0002337	.003204	.000238	.000323
%RSD	55.95474	348.8517	914.9117	33.56964	179.2038	587.5768

#1	-.001416	-.000043	-.000159	-.006004	-.000403	.000012
#2	-.001342	-.000126	-.000053	-.012244	.000050	.000229
#3	-.000370	.000080	.000288	-.010390	-.000046	-.000407

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025409	.0076701	-.000440	-.015771	-.000152	.0002771
Stddev	.0013312	.0031502	.000258	.017494	.000772	.0002837
%RSD	52.39195	41.07159	58.62871	110.9267	507.0637	102.3678

#1	.0029093	.0068107	-.000441	-.034066	-.000006	-.000029
#2	.0036492	.0050388	-.000181	.000793	.000536	.000330
#3	.0010643	.0111609	-.000697	-.014039	-.000987	.000530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.229013	-.002856	-.001323	-.062740	-.000361	.0048265
Stddev	.406854	.002472	.001659	.022654	.000226	.0001273
%RSD	177.6549	86.54699	125.4342	36.10782	62.53560	2.637234

#1	-.263373	-.005697	.000533	-.045554	-.000415	.0047510
#2	.193930	-.001674	-.002663	-.088412	-.000554	.0049735
#3	-.617598	-.001197	-.001838	-.054255	-.000113	.0047551

Sample Name: PB140945BL Acquired: 11/23/2021 15:56:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000252	.0000209	.0015800	F .0129302	-.000029	-.003346
Stddev	.000521	.0004134	.0016908	.0011665	.001033	.001469
%RSD	206.8142	1980.862	107.0181	9.021357	3558.795	43.89434

#1	-.000716	.0002836	.0034623	.0138156	.000926	-.004098
#2	.000312	.0002347	.0001899	.0116084	-.001125	-.001653
#3	-.000351	-.000456	.0010876	.0133664	.000112	-.004285

Elem	Sr4077
Units	ppm
Avg	.0000345
Stddev	.0000871
%RSD	252.3698

#1	.0001332
#2	.0000022
#3	-.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.389	37508.31	6042.875	966.3842	1593.490
Stddev	3.879	719.45	20.862	23.3984	3.216
%RSD	.3742704	1.918108	.3452398	2.421229	.2018112

#1	1033.534	37714.22	6029.075	969.5724	1589.844
#2	1034.827	36708.35	6032.675	941.5552	1595.924
#3	1040.805	38102.35	6066.875	988.0250	1594.702

Sample Name: PB140945BS Acquired: 11/23/2021 16:00:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237042	.0559247	.0216703	.0735055	.1305968	.3827711
Stddev	.0083789	.0018165	.0009909	.0036377	.0029539	.0046221
%RSD	35.34771	3.248040	4.572490	4.948850	2.261875	1.207537

#1	.0332635	.0539911	.0220083	.0765087	.1318410	.3873931
#2	.0176316	.0561876	.0224480	.0745471	.1327251	.3781488
#3	.0202176	.0575954	.0205547	.0694606	.1272243	.3827714

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4097082	.0113339	.0110055	10.25873	.0214219	.0958716
Stddev	.0012812	.0000536	.0001259	.02136	.0011503	.0001553
%RSD	.3127021	.4728587	1.144164	.2081973	5.369669	.1619599

#1	.4085553	.0112721	.0111240	10.24706	.0215863	.0957437
#2	.4094818	.0113665	.0110192	10.28339	.0224812	.0958268
#3	.4110875	.0113632	.0108733	10.24575	.0201983	.0960444

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550425	.2247405	.0313573	9.622368	.0801377	.0193052
Stddev	.0041550	.0017661	.0007998	.044293	.0001965	.0002835
%RSD	7.548737	.7858435	2.550670	.4603135	.2452520	1.468698

#1	.0556478	.2227095	.0315842	9.584033	.0799201	.0195889
#2	.0506180	.2255967	.0320192	9.612215	.0801907	.0193047
#3	.0588617	.2259153	.0304686	9.670856	.0803023	.0190219

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.582114	.1043625	.1057591	9.704918	F .0030029	.0244162
Stddev	.058273	.0032948	.0021963	.065987	.0002502	.0017219
%RSD	.6081437	3.157034	2.076721	.6799383	8.332922	7.052182

#1	9.548179	.1066818	.1073557	9.641865	.0027173	.0238948
#2	9.649401	.1005912	.1032544	9.699397	.0031076	.0230153
#3	9.548761	.1058147	.1066674	9.773493	.0031838	.0263385

Sample Name: PB140945BS Acquired: 11/23/2021 16:00:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208693	F .0203331	.2028825	F .0188473	.2068570	.0253221
Stddev	.0002400	.0003896	.0015497	.0007710	.0020583	.0008726
%RSD	1.149762	1.915855	.7638153	4.090886	.9950461	3.446191

#1	.0211431	.0201381	.2014459	.0180929	.2044988	.0243166
#2	.0207694	.0207816	.2045247	.0188152	.2082928	.0258820
#3	.0206955	.0200794	.2026768	.0196339	.2077794	.0257676

Elem	Sr4077
Units	ppm
Avg	.2046298
Stddev	.0006262
%RSD	.3060394

#1	.2039170
#2	.2050918
#3	.2048805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1043.199	38062.05	6063.507	982.2942	1610.158
Stddev	2.624	551.89	14.003	18.7288	2.841
%RSD	.2515505	1.449984	.2309353	1.906639	.1764576

#1	1045.121	37525.89	6059.615	960.8503	1607.142
#2	1040.209	38628.44	6051.861	995.4423	1612.783
#3	1044.267	38031.82	6079.043	990.5901	1610.550

Sample Name: M4759-02 Acquired: 11/23/2021 16:04:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-20211111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156631	.0081937	.0021781	.0057558	-.000496	.0063445	.1618009
Stddev	.0020494	.0051520	.0032712	.0018253	.001398	.0133265	.0002568
%RSD	13.08445	62.87779	150.1870	31.71148	281.9542	210.0498	.1587098

#1	.0177918	.0091419	-.000448	.0070104	.000105	-.004680	.1616052
#2	.0137034	.0026334	.005842	.0065953	.000501	.021154	.1620916
#3	.0154941	.0128057	.001140	.0036619	-.002094	.002559	.1617057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001953	-.000095	62.51856	-.000297	-.000885	.0028325	35.24740
Stddev	.0000817	.000146	.07656	.000445	.000272	.0015333	.07591
%RSD	41.84585	154.4308	.1224630	149.7265	30.69561	54.13173	.2153754

#1	.0001149	.000051	62.54024	-.000755	-.000995	.0030167	35.27438
#2	.0001927	-.000094	62.43350	.000134	-.001084	.0042654	35.16168
#3	.0002783	-.000241	62.58195	-.000271	-.000575	.0012154	35.30614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.063290	19.93403	.0014481	-.000376	209.0128	.0084008	.0102312
Stddev	.015305	.07251	.0004333	.000512	.3447	.0027181	.0034615
%RSD	.1898138	.3637605	29.92543	136.2553	.1649056	32.35521	33.83248

#1	8.049193	19.86402	.0016226	-.000613	209.3036	.0115143	.0123027
#2	8.061108	19.92926	.0009547	-.000726	208.6321	.0071865	.0062351
#3	8.079569	20.00881	.0017670	.000212	209.1027	.0065014	.0121557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.13859	.0005495	.2852787	-.001627	1.031143	5.365109	-.001370
Stddev	.05508	.0003268	.0025059	.000887	.005381	.091450	.003074
%RSD	.3213796	59.47864	.8784224	54.48940	.5218165	1.704537	224.3388

#1	17.12767	.0004811	.2840355	-.000613	1.025819	5.364290	.000480
#2	17.19832	.0002623	.2881632	-.002011	1.036578	5.456965	.000328
#3	17.08979	.0009051	.2836374	-.002257	1.031031	5.274070	-.004919

Sample Name: M4759-02 Acquired: 11/23/2021 16:04:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000077	-.011790	.5593999
Stddev	.0008044	.002194	.0032705
%RSD	10502.86	18.61037	.5846366

#1	.0004289	-.012438	.5614073
#2	-.000920	-.013587	.5611664
#3	.000514	-.009344	.5556261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1071.550	40392.25	6246.479	1054.224	1599.486
Stddev	3.653	1936.41	15.898	49.092	4.633
%RSD	.3409143	4.794012	.2545086	4.656739	.2896371

#1	1075.155	39338.43	6254.823	1021.889	1604.400
#2	1067.851	39211.31	6228.147	1030.070	1595.199
#3	1071.642	42627.02	6256.468	1110.714	1598.857

Sample Name: M4759-02DUP Acquired: 11/23/2021 16:08:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089395	.0055007	-.000511	.0026273	-.001556	.0104348	.1596468
Stddev	.0037018	.0024896	.003085	.0023270	.002554	.0032772	.0005886
%RSD	41.40914	45.26029	603.8093	88.57043	164.1424	31.40689	.3686655

#1	.0104249	.0046159	.003047	.0002376	.000593	.0142157	.1591016
#2	.0047257	.0035743	-.002144	.0027582	-.004380	.0084075	.1602708
#3	.0116678	.0083119	-.002435	.0048861	-.000881	.0086811	.1595680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001475	-.000260	61.64186	-.000161	-.000895	.0012485	34.75771
Stddev	.0000568	.000071	.16328	.000207	.000235	.0023082	.13336
%RSD	38.50186	27.23471	.2648847	129.0147	26.25068	184.8797	.3836977

#1	.0001768	-.000342	61.51610	.000019	-.000637	-.001222	34.65473
#2	.0000820	-.000225	61.58310	-.000114	-.000952	.001616	34.71004
#3	.0001836	-.000213	61.82639	-.000387	-.001096	.003351	34.90836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.962583	19.67667	.0016830	-.000270	207.7597	.0066011	.0100684
Stddev	.018650	.01973	.0007827	.000326	1.0609	.0021120	.0025036
%RSD	.2342189	.1002496	46.50704	120.8153	.5106347	31.99513	24.86609

#1	7.946647	19.68264	.0020427	-.000634	206.8550	.0050282	.0079926
#2	7.958006	19.69272	.0022211	-.000007	207.4969	.0090016	.0128489
#3	7.983095	19.65465	.0007851	-.000168	208.9273	.0057735	.0093638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.10414	.0000722	.2838464	-.001574	1.030143	5.352583	-.001393
Stddev	.07002	.0001910	.0012055	.000487	.002241	.047554	.001255
%RSD	.4093820	264.4297	.4246891	30.94778	.2175402	.8884297	90.08527

#1	17.08571	.0001512	.2828688	-.001405	1.031585	5.299564	-.000456
#2	17.04518	.0002110	.2834770	-.002123	1.031282	5.366721	-.000904
#3	17.18154	-.000146	.2851933	-.001194	1.027561	5.391465	-.002818

Sample Name: M4759-02DUP Acquired: 11/23/2021 16:08:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000506	-.011879	.5590735
Stddev	.001562	.000377	.0014815
%RSD	308.6595	3.172721	.2649842

#1	.000792	-.012254	.5574405
#2	-.002239	-.011501	.5594488
#3	-.000071	-.011883	.5603313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1063.271	38909.01	6254.274	1017.548	1594.504
Stddev	2.574	187.30	36.273	5.550	1.688
%RSD	.2421010	.4813735	.5799748	.5454750	.1058667

#1	1066.222	38815.82	6296.064	1012.465	1596.260
#2	1062.102	38786.59	6230.944	1016.708	1594.359
#3	1061.488	39124.63	6235.814	1023.470	1592.893

Sample Name: M4759-02MS Acquired: 11/23/2021 16:12:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511290	.0523956	.0232639	.0648962	.1132280	2.045326	2.348807
Stddev	.0021153	.0038700	.0021003	.0036776	.0029823	.009312	.022334
%RSD	4.137172	7.386129	9.028141	5.666857	2.633911	.4552852	.9508595

#1	.0519354	.0523585	.0213101	.0643883	.1104995	2.054914	2.372019
#2	.0487291	.0562841	.0229967	.0614989	.1164118	2.036317	2.346931
#3	.0527225	.0485443	.0254851	.0688013	.1127728	2.044746	2.327470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591254	.0547993	62.32728	.2297768	.5285693	.2672875	36.20356
Stddev	.0005536	.0005289	.66894	.0008391	.0007672	.0031255	.24105
%RSD	.9362711	.9651236	1.073272	.3652013	.1451431	1.169359	.6658056

#1	.0595596	.0551307	63.05419	.2288207	.5277120	.2698260	36.48146
#2	.0593145	.0541894	62.19003	.2301189	.5291912	.2637966	36.07809
#3	.0585020	.0550779	61.73760	.2303909	.5288048	.2682401	36.05113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.577191	19.81690	.5470580	.0465091	207.9212	.5622457	.4601823
Stddev	.073667	.13509	.0016522	.0004370	1.4806	.0024217	.0144834
%RSD	.8588754	.6816831	.3020207	.9396795	.7120991	.4307264	3.147311

#1	8.658927	19.92994	.5476873	.0468025	209.5372	.5650044	.4530188
#2	8.556727	19.85348	.5483031	.0467181	207.5968	.5604699	.4506766
#3	8.515919	19.66730	.5451836	.0460069	206.6298	.5612627	.4768515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.09516	.0027263	.2870438	-.001170	1.029381	5.379123	-.000037
Stddev	.02817	.0002215	.0023071	.000754	.001848	.056209	.003812
%RSD	.1647668	8.126007	.8037402	64.42995	.1795323	1.044939	10424.81

#1	17.12219	.0025319	.2889076	-.001391	1.029889	5.436084	-.001415
#2	17.06598	.0029675	.2877605	-.001789	1.030921	5.377586	.004273
#3	17.09731	.0026796	.2844635	-.000330	1.027332	5.323698	-.002967

Sample Name: M4759-02MS Acquired: 11/23/2021 16:12:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000854	-.012395	.5566632
Stddev	.000342	.001141	.0015480
%RSD	40.08865	9.203775	.2780789

#1	-.001090	-.011209	.5583997
#2	-.001010	-.013485	.5561620
#3	-.000461	-.012492	.5554280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1059.576	38764.19	6229.622	1011.962	1592.175
Stddev	2.222	100.12	60.916	2.809	.853
%RSD	.2096900	.2582802	.9778499	.2775427	.0536046

#1	1058.896	38668.17	6161.153	1009.517	1591.569
#2	1057.774	38867.96	6249.900	1011.339	1593.151
#3	1062.058	38756.46	6277.814	1015.030	1591.806

Sample Name: M4759-02LX5 Acquired: 11/23/2021 16:17:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042846	.0004760	.0009256	.0010170	.0038037	-.001364	.0311118
Stddev	.0077380	.0023020	.0011051	.0020228	.0026461	.002065	.0007264
%RSD	180.6020	483.6196	119.3846	198.9047	69.56775	151.3494	2.334903

#1	.0100926	-.000098	.0015644	-.000913	.0017666	.000976	.0307084
#2	.0072608	-.001485	-.000350	.003121	.0028500	-.002141	.0306767
#3	-.004500	.003011	.001563	.000843	.0067945	-.002928	.0319504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	.0000501	11.99259	.0000559	-.000497	.0001093	6.820694
Stddev	.000070	.0000683	.03198	.0005660	.000554	.0008124	.007477
%RSD	158.7717	136.3116	.2666562	1011.968	111.4772	743.2089	.1096215

#1	.000016	-.000003	11.98914	-.000455	-.000090	-.000486	6.813743
#2	-.000028	.000127	12.02615	.000664	-.000273	-.000221	6.819733
#3	-.000121	.000026	11.96248	-.000041	-.001129	.001035	6.828604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.562415	3.791280	.0005460	.0002820	40.34944	.0001434	.0037184
Stddev	.002480	.033126	.0001748	.0002977	.19963	.0046767	.0037036
%RSD	.1586996	.8737416	32.02134	105.5578	.4947600	3262.081	99.60090

#1	1.559570	3.824583	.0004033	.0001693	40.47415	-.001558	.0079942
#2	1.564117	3.758334	.0004938	.0000571	40.45499	.005433	.0015088
#3	1.563557	3.790924	.0007410	.0006196	40.11919	-.003444	.0016524

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.206077	.0001083	.0552443	-.000965	.1858238	1.017273	-.002029
Stddev	.143929	.0007148	.0007586	.000350	.0001610	.002019	.001140
%RSD	4.489254	659.8694	1.373165	36.23377	.0866139	.1985008	56.21104

#1	3.053923	.0008921	.0543700	-.001000	.1859579	1.016483	-.003202
#2	3.224254	-.000508	.0557280	-.000599	.1858681	1.019567	-.001960
#3	3.340054	-.000059	.0556349	-.001296	.1856453	1.015767	-.000924

Sample Name: M4759-02LX5 Acquired: 11/23/2021 16:17:02 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SY-3-2021111 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019557	-.004776	.1100523
Stddev	.0015781	.001191	.0002403
%RSD	80.69377	24.94572	.2183738

#1	.0004872	-.004112	.1099614
#2	.0036244	-.006151	.1103249
#3	.0017556	-.004064	.1098708

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1037.676	37873.61	6137.208	984.4143	1609.536
Stddev	2.889	76.43	39.592	4.7289	3.442
%RSD	.2783949	.2018073	.6451129	.4803799	.2138456

#1	1034.341	37961.14	6179.325	989.7868	1606.467
#2	1039.313	37820.07	6100.750	980.8823	1613.257
#3	1039.375	37839.62	6131.550	982.5738	1608.883

Sample Name: M4775-03 Acquired: 11/23/2021 16:21:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10S-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047511	.0035780	.0040263	.0039681	-.005037	.0036514	.0147335
Stddev	.0080558	.0030915	.0013183	.0065763	.002411	.0042675	.0004613
%RSD	169.5579	86.40486	32.74246	165.7302	47.86034	116.8726	3.131011

#1	.0028092	.0000127	.0052426	.0115594	-.004864	.0067174	.0143474
#2	.0136004	.0055161	.0042109	.0000066	-.002718	.0054593	.0152443
#3	-.002156	.0052051	.0026255	.0003384	-.007530	-.001222	.0146088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000840	-.000072	12.00766	.0011737	-.000275	.0087301	.0172941
Stddev	.0000536	.000141	.03455	.0004570	.000425	.0014564	.0047372
%RSD	63.82997	197.2805	.2877342	38.93975	154.5115	16.68265	27.39201

#1	.0000357	-.000230	12.02581	.0012790	-.000347	.0070485	.0147147
#2	.0001416	.000043	11.96782	.0006732	.000181	.0095850	.0144064
#3	.0000746	-.000028	12.02935	.0015689	-.000660	.0095569	.0227613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073273	2.471658	.0026467	.0004674	5.344423	-.002111	.0322232
Stddev	.0002368	.042271	.0010104	.0003433	.192339	.002739	.0016825
%RSD	3.231308	1.710211	38.17656	73.43211	3.598873	129.7470	5.221516

#1	.0072196	2.498161	.0034109	.0000745	5.131308	-.000670	.0326358
#2	.0075988	2.422910	.0030281	.0006188	5.505117	-.005270	.0303727
#3	.0071635	2.493902	.0015011	.0007090	5.396844	-.000393	.0336610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1438830	.0012704	.0325856	-.000595	.6276657	6.150843	-.002104
Stddev	.0178600	.0003391	.0015091	.000515	.0024388	.035712	.001010
%RSD	12.41285	26.69484	4.631171	86.50498	.3885594	.5806084	48.01016

#1	.1308236	.0011175	.0312570	-.001089	.6252015	6.157850	-.001016
#2	.1365899	.0016591	.0322734	-.000634	.6277171	6.112146	-.003012
#3	.1642354	.0010346	.0342264	-.000062	.6300784	6.182532	-.002286

Sample Name: M4775-03 Acquired: 11/23/2021 16:21:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PK-10S-20211 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012411	-.012688	.1157060
Stddev	.0007481	.001830	.0002594
%RSD	60.28269	14.41959	.2241921

#1	.0020448	-.012173	.1158949
#2	.0011135	-.014721	.1154102
#3	.0005649	-.011172	.1158129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.141	40165.47	6296.842	1048.145	1693.552
Stddev	4.193	129.28	23.084	6.875	5.261
%RSD	.3810955	.3218723	.3665947	.6558989	.3106771

#1	1104.770	40079.87	6275.325	1049.450	1695.257
#2	1099.054	40102.35	6321.225	1040.712	1697.750
#3	1096.599	40314.19	6293.975	1054.274	1687.649

Sample Name: M4775-05 Acquired: 11/23/2021 16:25:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10I-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004047	.0079505	.0024201	-.001395	-.000420	.0024465	.0605419
Stddev	.000826	.0037433	.0029487	.005480	.003859	.0028414	.0012154
%RSD	20.41925	47.08234	121.8405	392.9255	919.4066	116.1438	2.007543

#1	-.003280	.0107803	.0027107	.004713	.003406	.0040978	.0615399
#2	-.004923	.0037061	-.000663	-.005884	-.004312	-.000834	.0591884
#3	-.003939	.0093652	.005213	-.003013	-.000353	.004076	.0608974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000223	.0000236	51.41362	.0009114	.0631904	.0166703	.0114749
Stddev	.0000491	.0001705	.27665	.0003623	.0005225	.0006450	.0032668
%RSD	220.1424	723.6692	.5380826	39.75504	.8267854	3.868895	28.46944

#1	.0000677	.0001210	51.65042	.0008258	.0637734	.0169406	.0079962
#2	.0000289	.0001230	51.10954	.0013088	.0630335	.0171361	.0144777
#3	-.000030	-.000173	51.48091	.0005995	.0627645	.0159342	.0119507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.640411	13.53538	.0071078	-.000071	323.7548	.0028887	.0344520
Stddev	.004078	.03317	.0001610	.000306	.5080	.0022025	.0047577
%RSD	.2486184	.2450733	2.265532	431.2416	.1569005	76.24684	13.80950

#1	1.644276	13.50728	.0072732	.000270	324.1214	.0054285	.0395985
#2	1.636148	13.52687	.0070989	-.000162	323.1750	.0017323	.0302142
#3	1.640807	13.57197	.0069515	-.000321	323.9682	.0015052	.0335434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.39254	.0018050	.3754855	-.000065	1.392251	4.031867	-.001098
Stddev	.14197	.0000743	.0033335	.000937	.005747	.043089	.000760
%RSD	.8162887	4.115295	.8877851	1435.873	.4127903	1.068702	69.20983

#1	17.52465	.0018173	.3789544	.000987	1.398885	4.077652	-.001973
#2	17.24242	.0017253	.3751957	-.000376	1.389072	4.025841	-.000616
#3	17.41056	.0018723	.3723063	-.000808	1.388797	3.992109	-.000704

Sample Name: M4775-05 Acquired: 11/23/2021 16:25:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10I-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000869	-.012917	.4897322
Stddev	.000726	.001296	.0005629
%RSD	83.56040	10.03308	.1149495

#1	-.001705	-.012923	.4900200
#2	-.000515	-.011619	.4900931
#3	-.000388	-.014211	.4890836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.767	38673.83	6193.571	1012.036	1564.128
Stddev	.182	153.10	18.857	13.559	3.193
%RSD	.0172703	.3958744	.3044528	1.339776	.2041171

#1	1054.961	38825.06	6175.185	1021.508	1560.782
#2	1054.599	38677.49	6192.663	1018.096	1567.142
#3	1054.739	38518.93	6212.865	996.504	1564.459

Sample Name: M4775-07 Acquired: 11/23/2021 16:29:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10D-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002202	.0052308	.0037961	.0040931	-.001051	.0106456	.0318904
Stddev	.002385	.0071013	.0004667	.0027774	.003073	.0054290	.0006263
%RSD	108.2672	135.7588	12.29562	67.85425	292.3272	50.99742	1.963834

#1	.000329	.0032071	.0032571	.0039918	.001465	.0154872	.0312889
#2	-.004407	-.000639	.0040639	.0013678	-.004477	.0047762	.0325388
#3	-.002529	.013124	.0040672	.0069197	-.000142	.0116734	.0318436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000878	.0000005	20.58617	.0007786	.0003807	.0143587	.0199832
Stddev	.0000484	.0000594	.06057	.0004200	.0005332	.0018673	.0079191
%RSD	55.11914	12948.55	.2942091	53.94452	140.0748	13.00487	39.62872

#1	.0001170	-.000016	20.63188	.0006707	.0000239	.0143340	.0185815
#2	.0000319	-.000049	20.51748	.0004230	.0009937	.0125038	.0128585
#3	.0001145	.000066	20.60916	.0012420	.0001244	.0162382	.0285095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204746	6.323180	.0066036	.0002750	56.46772	-.001487	.0315830
Stddev	.0003604	.030268	.0004898	.0001580	.11327	.000606	.0043470
%RSD	1.760325	.4786776	7.417303	57.45694	.2006012	40.73211	13.76389

#1	.0208753	6.356365	.0064013	.0002244	56.35558	-.001887	.0364346
#2	.0201769	6.316084	.0071622	.0001485	56.46548	-.001784	.0302723
#3	.0203716	6.297091	.0062474	.0004522	56.58209	-.000790	.0280421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3726229	.0078751	.0151427	-.000244	.7194114	4.156060	-.001543
Stddev	.0212553	.0004150	.0006758	.000188	.0024262	.019678	.000902
%RSD	5.704244	5.269758	4.462927	77.31123	.3372454	.4734654	58.43933

#1	.3599876	.0076252	.0158193	-.000415	.7217541	4.174103	-.001143
#2	.3607183	.0076460	.0144677	-.000274	.7169095	4.159000	-.000910
#3	.3971628	.0083542	.0151411	-.000042	.7195705	4.135078	-.002575

Sample Name: M4775-07 Acquired: 11/23/2021 16:29:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PK-10D-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010234	-.012928	.1246655
Stddev	.0011424	.000651	.0003325
%RSD	111.6323	5.036897	.2667399
#1	.0003015	-.013679	.1243668
#2	.0023405	-.012571	.1246060
#3	.0004281	-.012533	.1250238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.646	39585.02	6290.117	1031.388	1668.897
Stddev	4.238	140.86	14.005	4.112	3.789
%RSD	.3907304	.3558534	.2226457	.3986516	.2270422
#1	1087.522	39703.95	6295.600	1034.852	1665.054
#2	1086.636	39429.46	6274.200	1026.844	1672.630
#3	1079.779	39621.65	6300.550	1032.468	1669.008

Sample Name: M4775-09 Acquired: 11/23/2021 16:33:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RW-12I-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118463	.0072185	.0012161	-.007035	-.003150	.0082053	.0586972
Stddev	.0063473	.0072711	.0008167	.004831	.002638	.0079052	.0001941
%RSD	53.58082	100.7281	67.16208	68.66697	83.73154	96.34280	.3306564

#1	.0189041	.0154400	.0013375	-.001722	-.002445	.0088735	.0588233
#2	.0066059	.0045821	.0003454	-.011164	-.006069	-.000013	.0587947
#3	.0100288	.0016335	.0019653	-.008220	-.000937	.015755	.0584737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000983	-.000147	66.42787	.0017367	-.000502	.0120636	.0150423
Stddev	.0000508	.000110	.11026	.0005591	.000104	.0018572	.0012228
%RSD	51.70194	74.97406	.1659776	32.19327	20.62964	15.39532	8.129370

#1	.0001544	-.000066	66.53800	.0020803	-.000606	.0113260	.0164521
#2	.0000553	-.000273	66.31749	.0010915	-.000400	.0141764	.0144053
#3	.0000852	-.000103	66.42814	.0020381	-.000499	.0106885	.0142694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0616377	33.93683	.0074680	.0004461	129.9131	-.000429	.0231172
Stddev	.0008338	.06610	.0000698	.0000808	.3642	.002801	.0028557
%RSD	1.352739	.1947820	.9347058	18.11228	.2803317	653.4607	12.35298

#1	.0607900	34.01218	.0074222	.0005383	130.3139	-.002332	.0228655
#2	.0616660	33.88860	.0074333	.0003877	129.8228	-.001741	.0203958
#3	.0624569	33.90972	.0075483	.0004123	129.6025	.002787	.0260904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.85813	.0012974	1.469582	-.000429	2.828143	3.446637	-.002954
Stddev	.19968	.0005794	.012059	.000084	.003251	.025911	.001010
%RSD	.3392560	44.65897	.8205782	19.51870	.1149371	.7517705	34.20773

#1	58.98700	.0011876	1.458109	-.000340	2.827480	3.430565	-.001946
#2	58.62812	.0019239	1.468484	-.000506	2.825276	3.432818	-.003967
#3	58.95927	.0007808	1.482153	-.000440	2.831675	3.476528	-.002949

Sample Name: M4775-09 Acquired: 11/23/2021 16:33:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RW-12I-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000476	-.012980	.4778758
Stddev	.000336	.001338	.0011280
%RSD	70.43855	10.30490	.2360458

#1	-.000863	-.012173	.4786821
#2	-.000308	-.014524	.4765868
#3	-.000258	-.012243	.4783586

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.684	39095.57	6233.057	1011.159	1601.463
Stddev	3.214	72.21	36.539	7.398	1.294
%RSD	.3030045	.1847033	.5862113	.7316414	.0807874

#1	1061.325	39092.43	6261.608	1003.774	1602.409
#2	1057.198	39024.99	6245.684	1011.132	1601.992
#3	1063.529	39169.30	6191.880	1018.570	1599.989

Sample Name: M4775-11 Acquired: 11/23/2021 16:37:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RW-12D-20211 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000617	.0033881	.0045174	-.003053	-.001534	.0126699	.0529435
Stddev	.004882	.0022152	.0042750	.003960	.002589	.0088210	.0006984
%RSD	791.6720	65.38340	94.63438	129.6732	168.8130	69.62138	1.319166

#1	.003822	.0036205	.0034776	-.005985	-.004025	.0198617	.0533142
#2	-.005846	.0010658	.0092163	.001451	-.001719	.0153206	.0521379
#3	.000174	.0054779	.0008582	-.004627	.001143	.0028276	.0533784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001419	-.000172	58.47112	.0011152	-.000056	.0116203	.0154997
Stddev	.0000250	.000147	.34306	.0001781	.000139	.0005807	.0045613
%RSD	17.61807	85.45308	.5867176	15.96658	249.4245	4.997153	29.42859

#1	.0001287	-.000341	58.57287	.0010814	-.000143	.0112876	.0206360
#2	.0001263	-.000088	58.08870	.0013077	.000105	.0122908	.0119217
#3	.0001707	-.000086	58.75180	.0009564	-.000130	.0112824	.0139415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120799	18.38989	.0027109	.0003892	126.4789	-.001669	.0320587
Stddev	.0008697	.13804	.0006487	.0004116	.1850	.000178	.0042320
%RSD	7.199807	.7506210	23.92903	105.7509	.1462335	10.65986	13.20075

#1	.0116796	18.42849	.0022984	.0007447	126.4814	-.001471	.0351173
#2	.0130777	18.23667	.0034586	.0004847	126.2927	-.001719	.0338299
#3	.0114824	18.50453	.0023756	-.000062	126.6626	-.001815	.0272289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.834610	.0010804	.8691241	-.000553	5.363410	4.437742	-.002952
Stddev	.016440	.0003632	.0052684	.000615	.026156	.036416	.002221
%RSD	.3400435	33.61739	.6061707	111.2163	.4876775	.8205992	75.23438

#1	4.846099	.0013161	.8709614	.000144	5.361664	4.438130	-.005213
#2	4.815779	.0006621	.8631830	-.001019	5.390396	4.401134	-.002868
#3	4.841953	.0012630	.8732277	-.000783	5.338171	4.473963	-.000774

Sample Name: M4775-11 Acquired: 11/23/2021 16:37:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RW-12D-20211 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001086	-.012291	.3782498
Stddev	.000393	.001173	.0012796
%RSD	36.21350	9.540998	.3382825

#1	-.000639	-.013503	.3795575
#2	-.001238	-.011162	.3770003
#3	-.001380	-.012207	.3781916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.308	39132.55	6226.376	1019.493	1628.068
Stddev	2.336	177.39	34.376	11.293	4.203
%RSD	.2182168	.4533080	.5520988	1.107678	.2581800

#1	1070.693	38997.83	6206.236	1008.338	1625.403
#2	1072.428	39066.29	6266.068	1019.221	1632.914
#3	1067.804	39333.53	6206.823	1030.919	1625.888

Sample Name: M4559-15A Acquired: 11/23/2021 17:03:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB8C2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1487502	.0020985	.3133896	.0256958	.0061142	66.91032	1.933008
Stddev	.0124317	.0048382	.0030968	.0033666	.0010681	.11767	.010420
%RSD	8.357423	230.5584	.9881725	13.10176	17.46866	.1758682	.5390443

#1	.1367351	.0064057	.3132741	.0279250	.0049364	66.86378	1.930008
#2	.1479552	-.003136	.3103522	.0218231	.0070199	67.04415	1.944598
#3	.1615603	.003026	.3165426	.0273392	.0063865	66.82304	1.924417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068336	.0071975	144.4869	.1353365	.0789174	.2144600	146.8509
Stddev	.0001742	.0003313	.6106	.0010165	.0014182	.0015624	.7518
%RSD	2.549173	4.603217	.4226324	.7510677	1.797002	.7285226	.5119354

#1	.0070347	.0071707	144.3908	.1344218	.0775875	.2155909	146.9621
#2	.0067295	.0068804	145.1399	.1364308	.0787550	.2151118	147.5408
#3	.0067365	.0075414	143.9299	.1351571	.0804098	.2126772	146.0496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.621401	42.16140	.1967018	.0002222	.7922632	.2041009	.8529040
Stddev	.023456	.23195	.0020102	.0003784	.1741975	.0023682	.0035818
%RSD	.4172654	.5501367	1.021952	170.2644	21.98733	1.160296	.4199566

#1	5.623419	42.22273	.1958398	-.000070	.6287445	.2060855	.8492923
#2	5.643782	42.35652	.1952664	.000088	.7725779	.2047378	.8529645
#3	5.597001	41.90495	.1989993	.000649	.9754671	.2014794	.8564552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.98744	1.066300	.2520667	.0020519	.4537660	31.42909	.0105506
Stddev	.02573	.007455	.0020200	.0006939	.0035720	.21742	.0006675
%RSD	.1430441	.6991792	.8013938	33.81493	.7871937	.6917803	6.326697

#1	18.00744	1.058671	.2510915	.0026616	.4501922	31.63180	.0112117
#2	17.99647	1.066660	.2543893	.0021973	.4537695	31.45600	.0105633
#3	17.95841	1.073568	.2507192	.0012969	.4573363	31.19947	.0098768

Sample Name: M4559-15A Acquired: 11/23/2021 17:03:36 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB8C2A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6618824	.0662867	.2070789
Stddev	.0031203	.0003589	.0009858
%RSD	.4714323	.5413593	.4760719

#1	.6583261	.0665168	.2079453
#2	.6641613	.0664702	.2060062
#3	.6631599	.0658732	.2072850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1164.920	43636.93	6996.120	1113.298	1552.848
Stddev	4.909	94.15	47.718	5.088	4.697
%RSD	.4214016	.2157598	.6820637	.4569834	.3024692

#1	1163.870	43729.27	6951.046	1118.207	1556.646
#2	1170.269	43640.45	6991.212	1113.639	1554.302
#3	1160.621	43541.07	7046.103	1108.049	1547.596

Sample Name: CCV063 Acquired: 11/23/2021 17:19:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.852139	4.856327	24.40296	4.779263	4.962006	410.6121	10.21623
Stddev	.011983	.006159	.09549	.022740	.017746	.8372	.02849
%RSD	.2469610	.1268295	.3912918	.4758074	.3576432	.2038922	.2788903

#1	4.865882	4.863431	24.51042	4.802359	4.982293	410.9998	10.20023
#2	4.843877	4.853077	24.32785	4.756896	4.954358	409.6513	10.19934
#3	4.846657	4.852474	24.37062	4.778534	4.949365	411.1852	10.24913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5148246	2.447797	410.1368	14.95890	2.435372	14.91559	407.0428
Stddev	.0025132	.010269	1.1820	.01197	.012043	.02645	1.0860
%RSD	.4881682	.4195293	.2881907	.0800094	.4945210	.1773143	.2668010

#1	.5137363	2.459367	409.4748	14.95940	2.449130	14.88622	406.7018
#2	.5130391	2.439762	409.4343	14.97062	2.426736	14.92301	406.1682
#3	.5176986	2.444262	411.5015	14.94670	2.430250	14.93753	408.2584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18260	404.8038	2.463460	1.208640	398.6108	2.527959	13.65761
Stddev	.05096	.6354	.009954	.003379	.7004	.007727	.09506
%RSD	.3356797	.1569693	.4040837	.2795956	.1757016	.3056675	.6960420

#1	15.15351	404.3920	2.474920	1.205560	397.8069	2.522876	13.72798
#2	15.15284	404.4838	2.458507	1.212255	399.0889	2.524150	13.69540
#3	15.24144	405.5356	2.456954	1.208105	398.9365	2.536851	13.54947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.0986	5.381229	5.452281	5.105577	5.215065	5.030509	5.019086
Stddev	.5309	.014311	.020101	.011283	.029967	.025171	.018087
%RSD	.3490324	.2659449	.3686658	.2210032	.5746212	.5003576	.3603740

#1	151.5068	5.394794	5.441334	5.118181	5.246733	5.020094	5.039499
#2	152.2563	5.382620	5.440031	5.102133	5.211310	5.012218	5.005055
#3	152.5328	5.366273	5.475480	5.096417	5.187153	5.059216	5.012702

Sample Name: CCV063 Acquired: 11/23/2021 17:19:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.996505	5.204624	4.642989
Stddev	.000977	.029360	.017913
%RSD	.0195595	.5641098	.3858122

#1	4.997109	5.178470	4.622431
#2	4.997028	5.199022	4.651283
#3	4.995377	5.236382	4.655251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	907.3474	35379.80	5660.598	875.1968	1322.467
Stddev	2.5520	158.99	11.001	5.8031	5.922
%RSD	.2812628	.4493801	.1943519	.6630662	.4478288

#1	904.4026	35379.01	5657.298	870.1166	1315.665
#2	908.7252	35221.20	5672.871	873.9527	1326.482
#3	908.9144	35539.18	5651.623	881.5211	1325.253

Sample Name: CCB063 Acquired: 11/23/2021 17:22:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072817	.0012965	.0046083	.0068598	.0029544	.0080545
Stddev	.0015412	.0039184	.0016046	.0059554	.0022786	.0041783
%RSD	21.16575	302.2352	34.81899	86.81589	77.12539	51.87515

#1	.0068305	-.002546	.0041682	.0004073	.0008607	.0037122
#2	.0089981	.001148	.0032697	.0121452	.0026214	.0120467
#3	.0060164	.005287	.0063870	.0080268	.0053812	.0084045

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000317	-.000053	.0001418	-.004226	.0005151	.0002725
Stddev	.000529	.000044	.0000514	.004911	.0002388	.0001805
%RSD	166.7514	83.00257	36.24855	116.1913	46.36735	66.22614

#1	.000232	-.000100	.0001491	.000280	.0003275	.0004090
#2	-.000824	-.000014	.0000871	-.003499	.0007840	.0003405
#3	-.000360	-.000044	.0001891	-.009460	.0004338	.0000679

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034654	.0153456	.0003207	.0011621	.0001878	.0003033
Stddev	.0025066	.0102449	.0005611	.0362169	.0002047	.0005904
%RSD	72.33213	66.76103	174.9654	3116.630	109.0091	194.7090

#1	.0010717	.0134877	.0007954	.0104751	.0000437	.0000311
#2	.0032531	.0061568	.0004651	.0318130	.0000976	.0009807
#3	.0060714	.0263922	-.000298	-.038802	.0004221	-.000102

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.176411	.0023047	.0019254	-.065469	.0006232	F .0181556
Stddev	.112592	.0008553	.0045512	.004222	.0002642	.0007133
%RSD	63.82336	37.11241	236.3785	6.448339	42.38765	3.928639

#1	-.241589	.0021261	.0029794	-.069768	.0007751	.0179368
#2	-.241243	.0015528	-.003060	-.065309	.0007763	.0189527
#3	-.046402	.0032352	.005857	-.061330	.0003182	.0175774

Sample Name: CCB063 Acquired: 11/23/2021 17:22:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v46) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002982	.0007548	.0032916	.0006679	.0003136	-.003009
Stddev	.0007771	.0006757	.0005184	.0009428	.0010081	.000650
%RSD	260.5815	89.51638	15.75004	141.1568	321.4347	21.60544

#1	.0009333	.0000548	.0031558	-.000329	-.000006	-.002945
#2	-.000568	.0008065	.0038643	.001544	-.000496	-.003689
#3	.000529	.0014032	.0028545	.000789	.001443	-.002393

Elem	Sr4077
Units	ppm
Avg	.0000436
Stddev	.0000374
%RSD	85.77519

#1	.0000103
#2	.0000364
#3	.0000840

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.988	38524.75	5948.258	1008.344	1631.964
Stddev	2.993	182.54	8.634	2.157	1.652
%RSD	.2834642	.4738281	.1451571	.2139582	.1012007

#1	1052.737	38594.86	5939.100	1010.787	1630.085
#2	1058.630	38661.83	5956.250	1006.699	1632.624
#3	1056.599	38317.54	5949.425	1007.546	1633.184

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)	Correlation
As 189.042 {479}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000365	0.028994	0.000000	1.000000	0.999891
Tl 190.856 {477}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000782	0.038918	0.000000	1.000000	0.999432
Pb 220.353 {453}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000925	0.154556	0.000000	1.000000	0.999936
Se 196.090 {472}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.000767	0.060500	0.000000	1.000000	0.999818
Sb 206.833 {463}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.000529	0.124240	0.000000	1.000000	0.999883
Al 396.152 { 85}	11/24/2021 1:09:28	11/23/2021 13:29:12	Linear	1/Conc	-0.002198	0.095874	0.000000	1.000000	0.999655
Ba 493.409 { 68}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.006418	2.586005	0.000000	1.000000	0.999908
Be 234.861 {144}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.001491	3.401472	0.000000	1.000000	0.999413
Cd 214.438 {457}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.001029	2.579728	0.000000	1.000000	0.999717
Ca 373.690 { 90}	11/24/2021 1:09:28	11/23/2021 13:29:12	Linear	1/Conc	0.001968	0.041277	0.000000	1.000000	0.999773
Cr 267.716 {126}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000050	0.121530	0.000000	1.000000	0.999440
Co 228.616 {448}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000306	0.818613	0.000000	1.000000	0.999969
Cu 324.754 {104}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.001526	0.136396	0.000000	1.000000	0.999879
Fe 259.837 {130}	11/24/2021 1:09:28	11/23/2021 13:29:12	Linear	1/Conc	0.000188	0.025967	0.000000	1.000000	0.999828
Mn 257.610 {131}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000040	0.332396	0.000000	1.000000	0.999745
Mg 279.079 {121}	11/24/2021 1:09:28	11/23/2021 13:29:12	Linear	1/Conc	-0.000132	0.010232	0.000000	1.000000	0.999489
Ni 231.604 {446}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.001348	0.484092	0.000000	1.000000	0.999896
Ag 328.068 {103}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.001026	0.283210	0.000000	1.000000	0.999972
Na 818.326 { 41}	11/24/2021 1:09:28	11/23/2021 13:29:12	Linear	1/Conc	-0.002727	0.006367	0.000000	1.000000	0.999611
V 292.402 {115}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000088	0.105440	0.000000	1.000000	0.999836
Zn 206.200 {464}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	2.597299	692.23741	0.000000	1.000000	0.996471
Zn 213.856 {158}	11/24/2021 1:09:28	11/23/2021 13:24:53	Curvili	1/Conc	-0.000568	0.213772	0.000505	1.000000	0.999995
K 769.896 { 44}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.024691	0.017077	0.000000	1.000000	0.999992
P 177.495 {490}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000934	0.286989	0.000000	1.000000	0.994692
B 249.678 {135}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.001036	0.273117	0.000000	1.000000	0.999782
Mo 202.030 {467}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.000487	0.658246	0.000000	1.000000	0.999944
S 182.034 {485}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.000021	0.267755	0.000000	1.000000	0.990021
Si 251.611 {134}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.003016	0.237451	0.000000	1.000000	0.999646
Sn 189.989 {478}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.000195	0.083741	0.000000	1.000000	0.999988
Ti 336.121 {100}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.000665	0.329509	0.000000	1.000000	0.999860
Li 670.784 { 50}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	0.007838	1.015641	0.000000	1.000000	0.999929
Y 224.306 {450}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 360.073 { 94}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 371.030 { 91}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 224.306 {150}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
In 230.606 {446}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Sr 407.771 { 83}	11/24/2021 1:09:28	11/23/2021 13:24:53	Linear	1/Conc	-0.000719	9.328524	0.000000	1.000000	0.999928