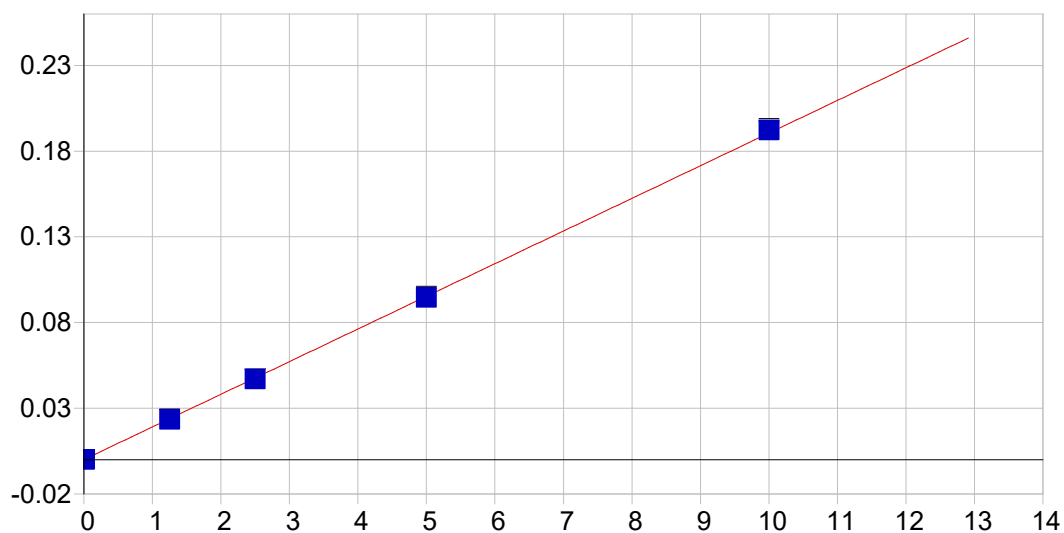


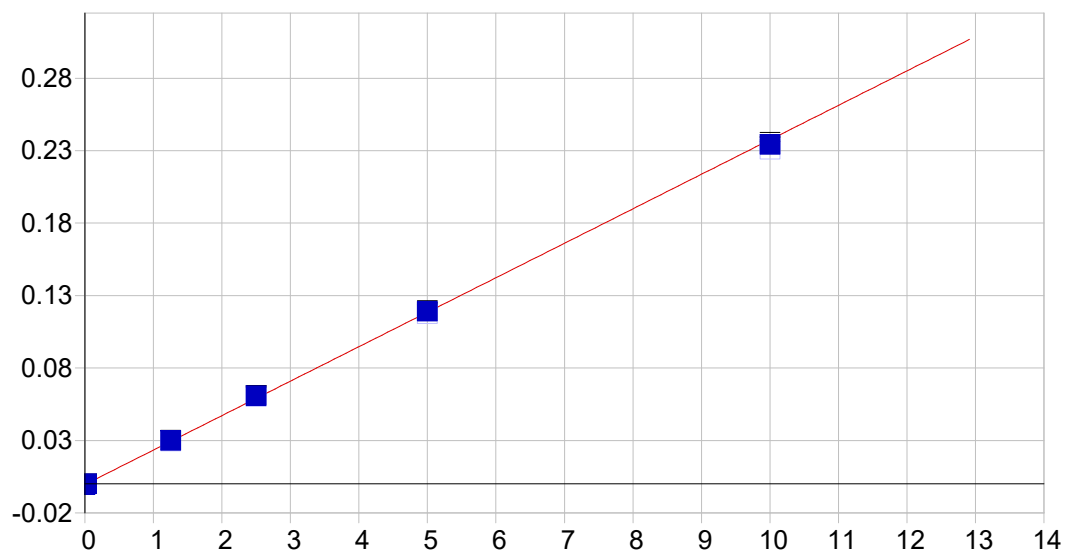


As 189.042 {479}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000067	Re-Slope:	1.000000
A1 (Gain):	0.019046	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.006706		
Predicted MQL:	0.022354		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01000	.00892	-.001	-10.8	.00024	.000	1
S2	1.2500	1.2305	-.019	-1.56	.02356	.000	1
S3	2.5000	2.4682	-.032	-1.27	.04718	.000	1
S4	5.0000	4.9660	-.034	-.680	.09486	.001	1
S5	10.000	10.086	.086	.863	.19260	.001	1

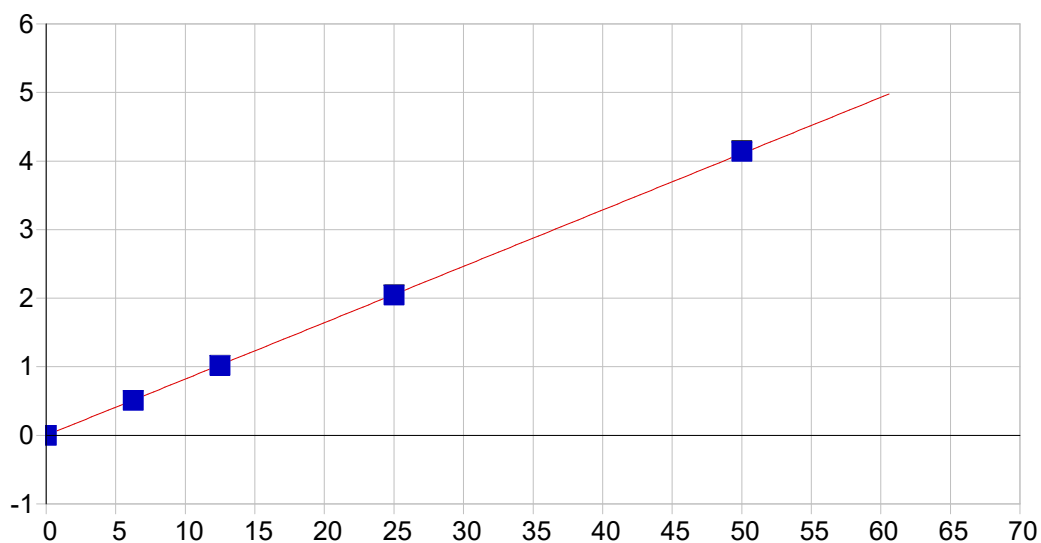


TI 190.856 {477}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000454 Re-Slope: 1.000000
 A1 (Gain): 0.023795 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.004263
 Predicted MQL: 0.014208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.02500	.02600	.001	3.99	.00013	.000	1
S2	1.2500	1.2787	.029	2.29	.02954	.000	1
S3	2.5000	2.5802	.080	3.21	.06008	.000	1
S4	5.0000	5.0234	.023	.468	.11736	.001	1
S5	10.000	9.8668	-.133	-1.33	.23089	.001	1

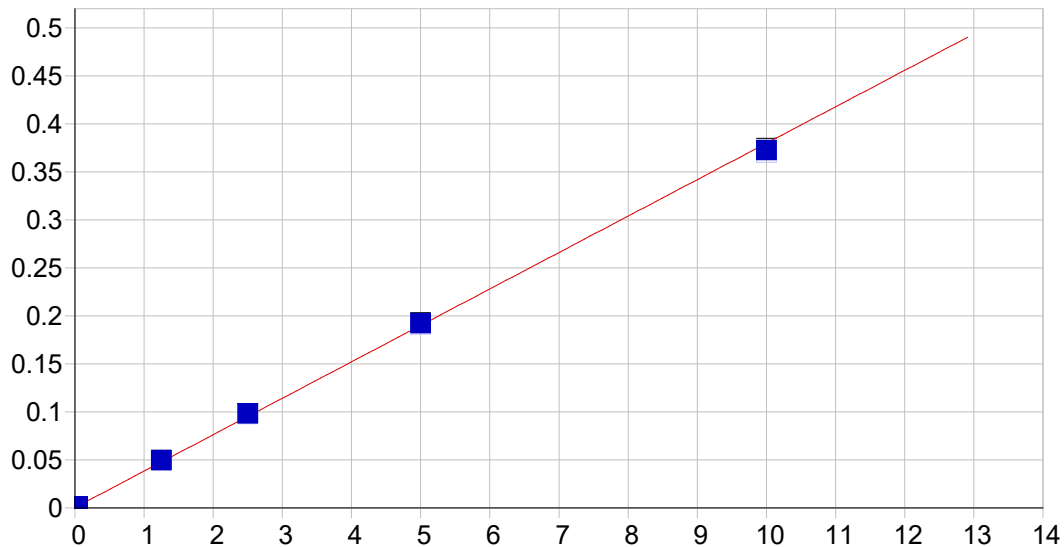


Pb 220.353 {453}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.082164 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002596
 Predicted MQL: 0.008655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.01000	.01291	.003	29.1	.00080	.000	1
S2	6.2500	6.1509	-.099	-1.58	.50578	.001	1
S3	12.500	12.382	-.118	-.942	1.0184	.001	1
S4	25.000	24.870	-.130	-.518	2.0458	.004	1
S5	50.000	50.343	.343	.687	4.1415	.008	1

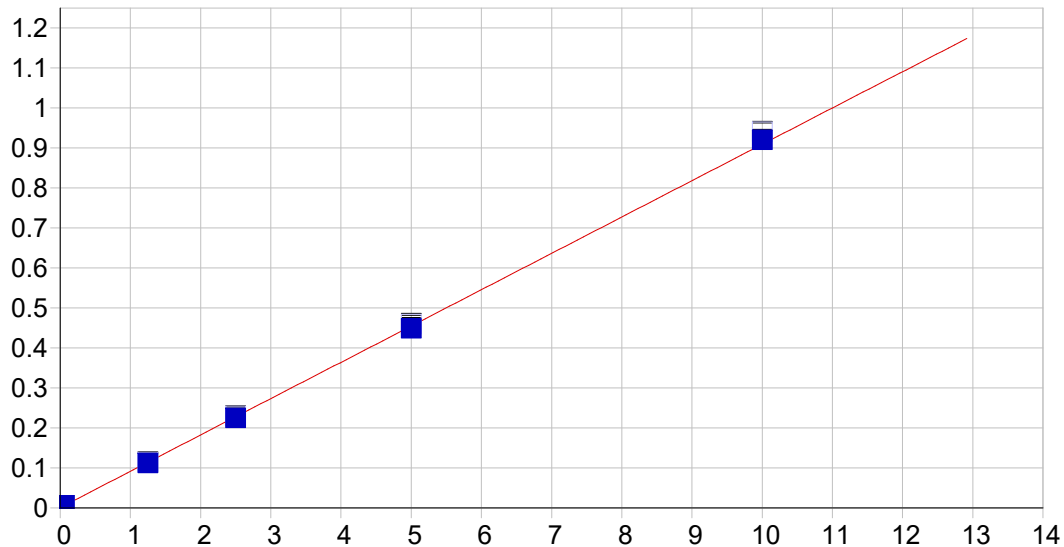


Se 196.090 {472}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000372 Re-Slope: 1.000000
 A1 (Gain): 0.037948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.004143
 Predicted MQL: 0.013809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.03500	.03507	.000	.191	.00170	.000	1
S2	1.2500	1.2980	.048	3.84	.04930	.000	1
S3	2.5000	2.5819	.082	3.27	.09770	.000	1
S4	5.0000	5.0585	.059	1.17	.19104	.001	1
S5	10.000	9.8115	-.188	-1.88	.37011	.002	1

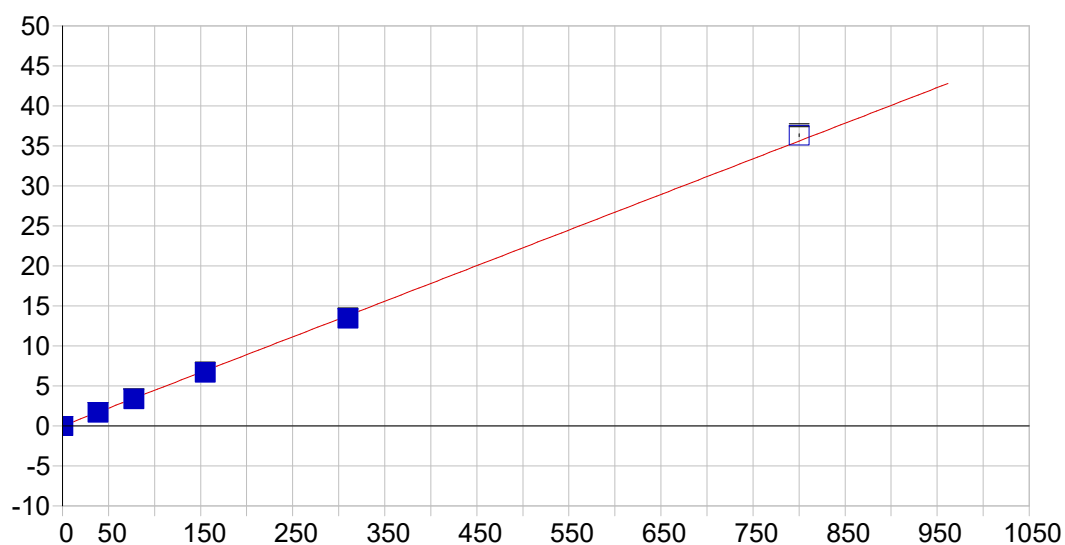


Sb 206.833 {463}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000698 Re-Slope: 1.000000
 A1 (Gain): 0.090846 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002260
 Predicted MQL: 0.007535

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.06000	.06282	.003	4.69	.00641	.000	1
S2	1.2500	1.2271	-.023	-1.83	.11467	.000	1
S3	2.5000	2.4656	-.034	-1.38	.22969	.000	1
S4	5.0000	4.9360	-.064	-1.28	.45911	.002	1
S5	10.000	10.119	.119	1.19	.93991	.002	1

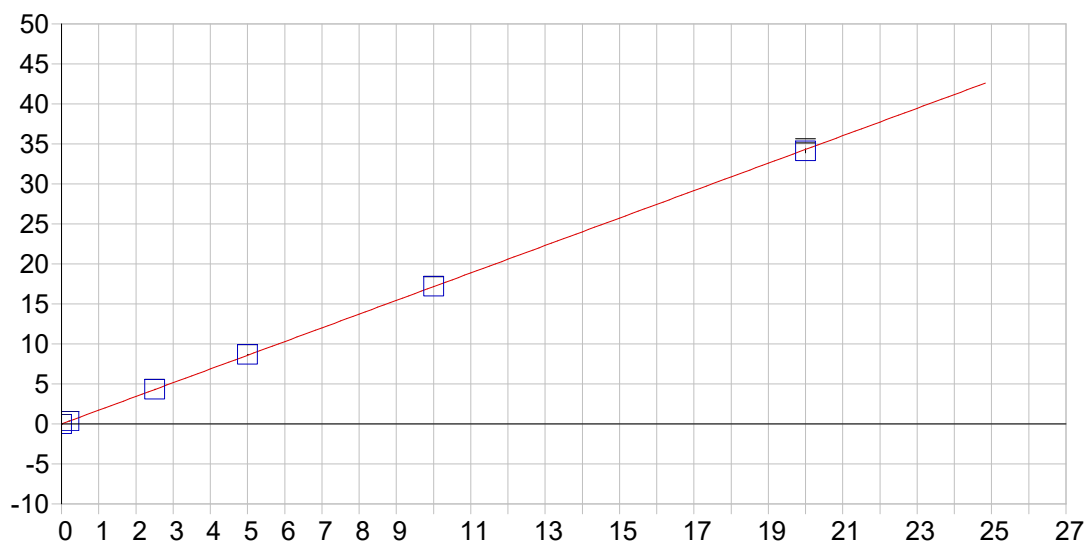


AI 396.152 { 85}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.044512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717 Status: OK.
 Std Error of Est: 0.000659
 Predicted MDL: 0.011664
 Predicted MQL: 0.038880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00008	.000	1
S1	.20000	.21105	.011	5.52	.00949	.000	1
S2	38.750	37.496	-1.25	-3.24	1.6710	.009	1
S3	77.500	75.785	-1.72	-2.21	3.3773	.015	1
S4	155.00	150.14	-4.86	-3.13	6.6909	.043	1
S5	310.00	301.66	-8.34	-2.69	13.443	.055	1
S6	800.00	816.18	16.2	2.02	36.330	.173	1

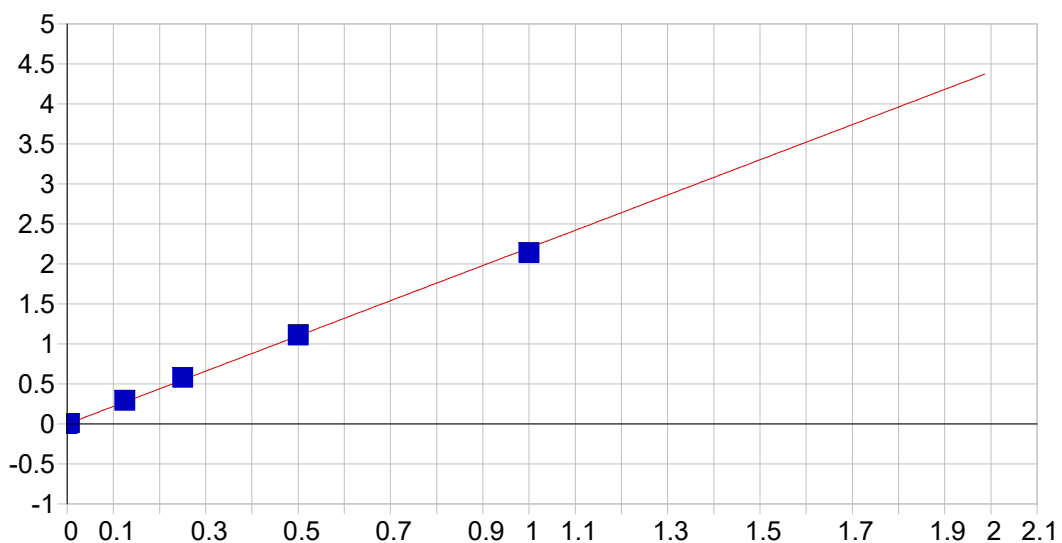


Ba 493.409 { 68}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000268 Re-Slope: 1.000000
 A1 (Gain): 1.715464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.001238
 Predicted MDL: 0.000631
 Predicted MQL: 0.002104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00029	.001	1
S1	.20000	.20820	.008	4.10	.35689	.001	1
S2	2.5000	2.5108	.011	.431	4.3069	.005	1
S3	5.0000	5.0648	.065	1.30	8.6883	.008	1
S4	10.000	10.015	.015	.153	17.181	.032	1
S5	20.000	19.901	-.099	-.496	34.139	.261	1

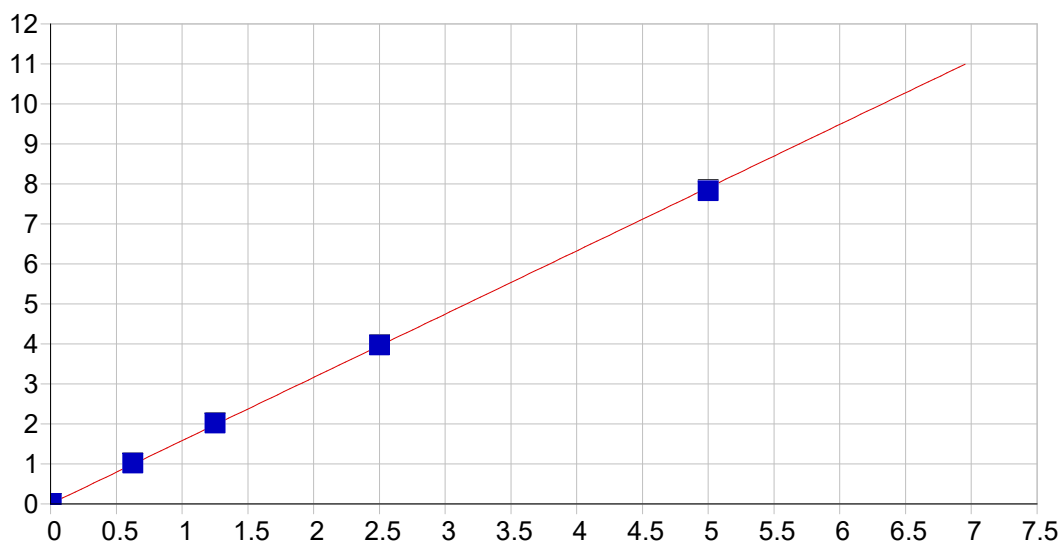


Be 234.861 {144}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001020	Re-Slope:	1.000000
A1 (Gain):	2.201355	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999427	Status:	OK.
Std Error of Est:	0.000279		
Predicted MDL:	0.000090		
Predicted MQL:	0.000301		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00102	.000	1
S1	.00500	.00576	.001	15.3	.01166	.000	1
S2	.12500	.13347	.008	6.78	.29199	.001	1
S3	.25000	.26315	.013	5.26	.57663	.003	1
S4	.50000	.50446	.004	.892	1.1062	.005	1
S5	1.0000	.97316	-.027	-2.68	2.1347	.003	1

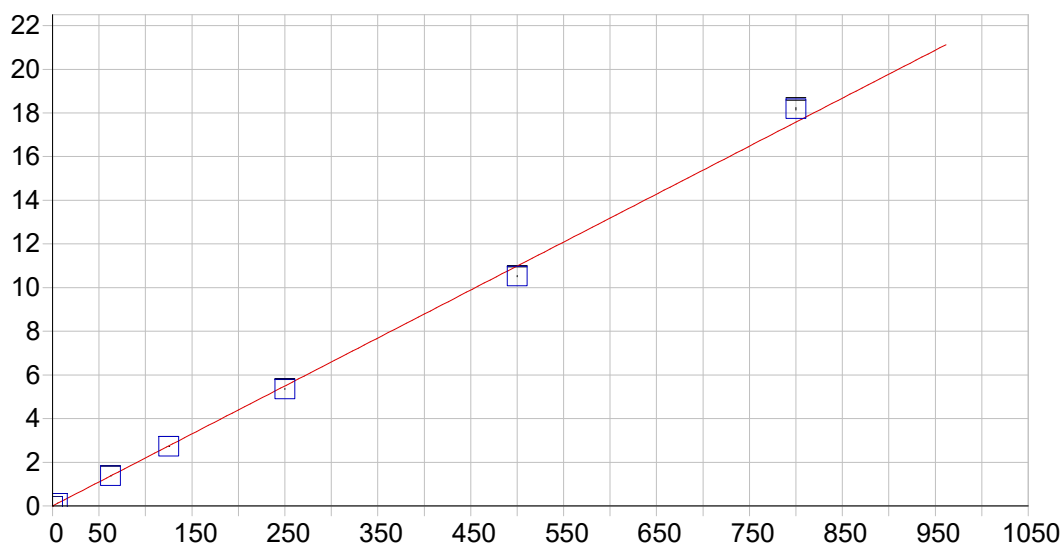


Cd 214.438 {457}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000723 Re-Slope: 1.000000
 A1 (Gain): 1.581143 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000183
 Predicted MDL: 0.000108
 Predicted MQL: 0.000360

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.00500	.00566	.001	13.3	.00968	.000	1
S2	.62500	.64330	.018	2.93	1.0202	.002	1
S3	1.2500	1.2761	.026	2.08	2.0230	.003	1
S4	2.5000	2.5093	.009	.373	3.9775	.003	1
S5	5.0000	4.9457	-.054	-1.09	7.8390	.018	1

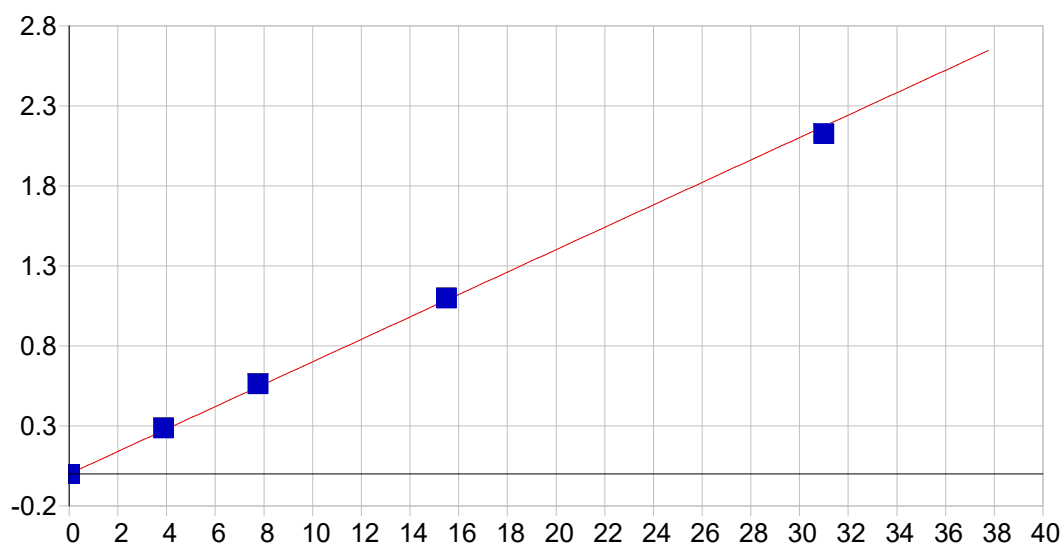


Ca 373.690 { 90}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000901 Re-Slope: 1.000000
 A1 (Gain): 0.021972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999400 Status: OK.
 Std Error of Est: 0.002658
 Predicted MDL: 0.018981
 Predicted MQL: 0.063271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	-.000	.000	.00089	.000	1
S1	5.0000	5.6073	.607	12.1	.12410	.001	1
S2	62.500	62.459	-.041	-.065	1.3732	.002	1
S3	125.00	124.10	-.903	-.722	2.7275	.004	1
S4	250.00	243.64	-6.36	-2.55	5.3540	.021	1
S5	500.00	478.94	-21.1	-4.21	10.524	.026	1
S6	800.00	827.76	27.8	3.47	18.188	.057	1

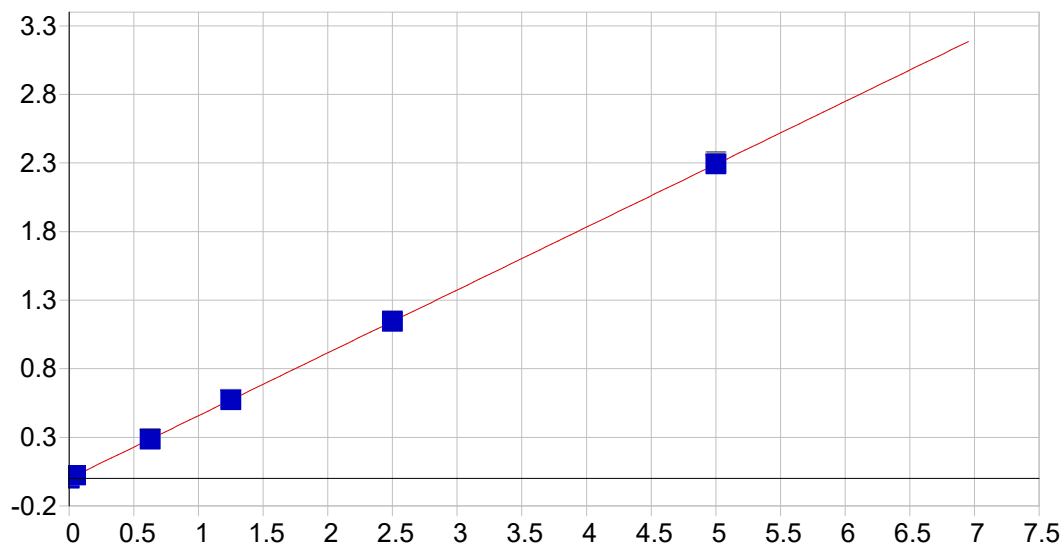


Cr 267.716 {126}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.070074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.000578
 Predicted MQL: 0.001926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01168	.002	16.8	.00080	.000	1
S2	3.8750	4.0798	.205	5.29	.28587	.000	1
S3	7.7500	8.0294	.279	3.61	.56263	.000	1
S4	15.500	15.670	.170	1.10	1.0980	.000	1
S5	31.000	30.344	-.656	-2.12	2.1263	.003	1

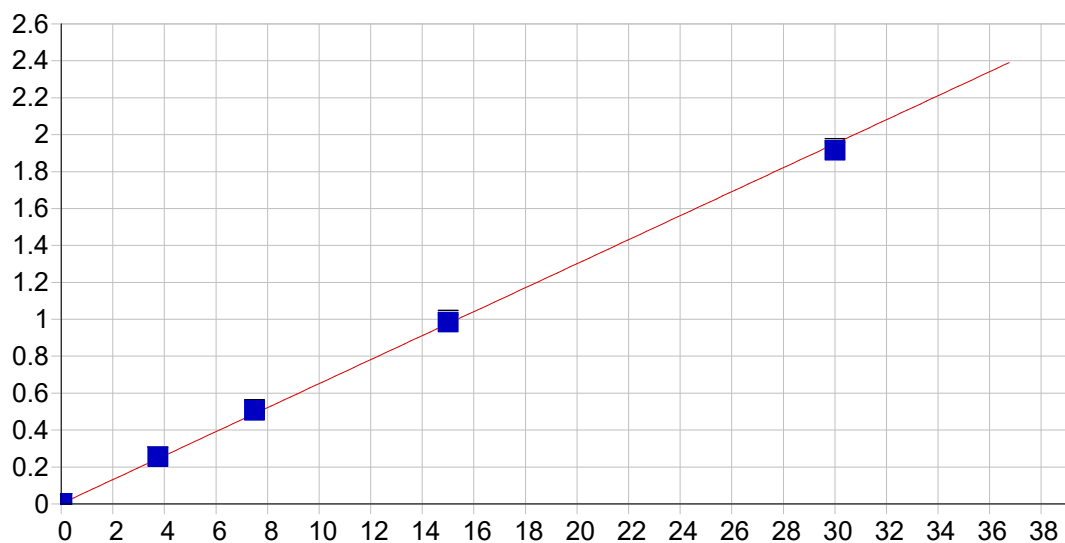


Co 228.616 {448}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.458125 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.000368
 Predicted MQL: 0.001228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.05000	.05311	.003	6.22	.02434	.000	1
S2	.62500	.62296	-.002	-.327	.28644	.000	1
S3	1.2500	1.2511	.001	.091	.57536	.001	1
S4	2.5000	2.4960	-.004	-.162	1.1479	.001	1
S5	5.0000	5.0018	.002	.037	2.3005	.007	1

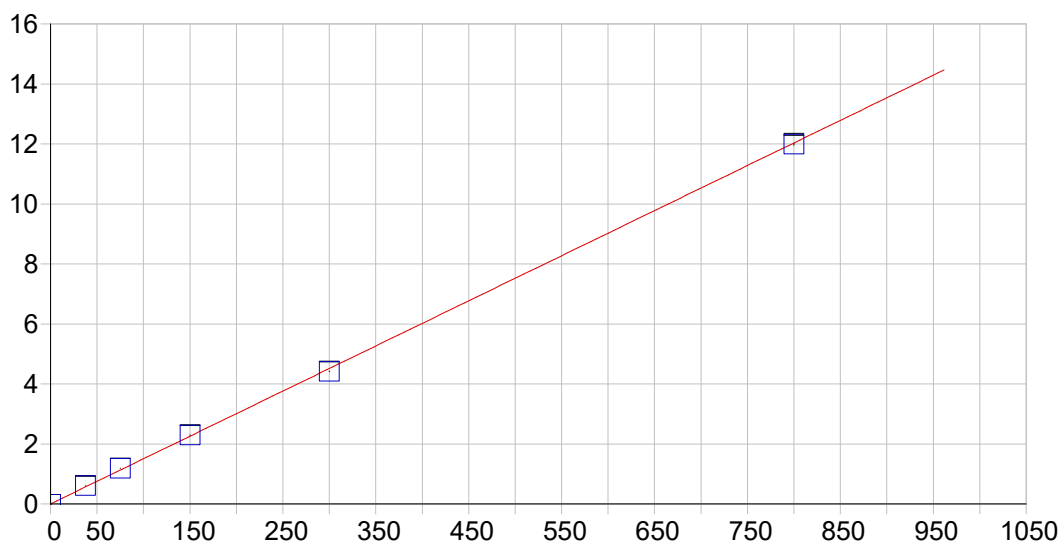


Cu 324.754 {104}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001504	Re-Slope:	1.000000
A1 (Gain):	0.064987	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999755	Status:	OK.
Std Error of Est:	0.000066		
Predicted MDL:	0.003819		
Predicted MQL:	0.012730		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00150	.000	1
S1	.02500	.02873	.004	14.9	.00337	.000	1
S2	3.7500	3.8997	.150	3.99	.25457	.002	1
S3	7.5000	7.7761	.276	3.68	.50612	.004	1
S4	15.000	15.117	.117	.777	.98244	.012	1
S5	30.000	29.454	-.546	-1.82	1.9127	.011	1

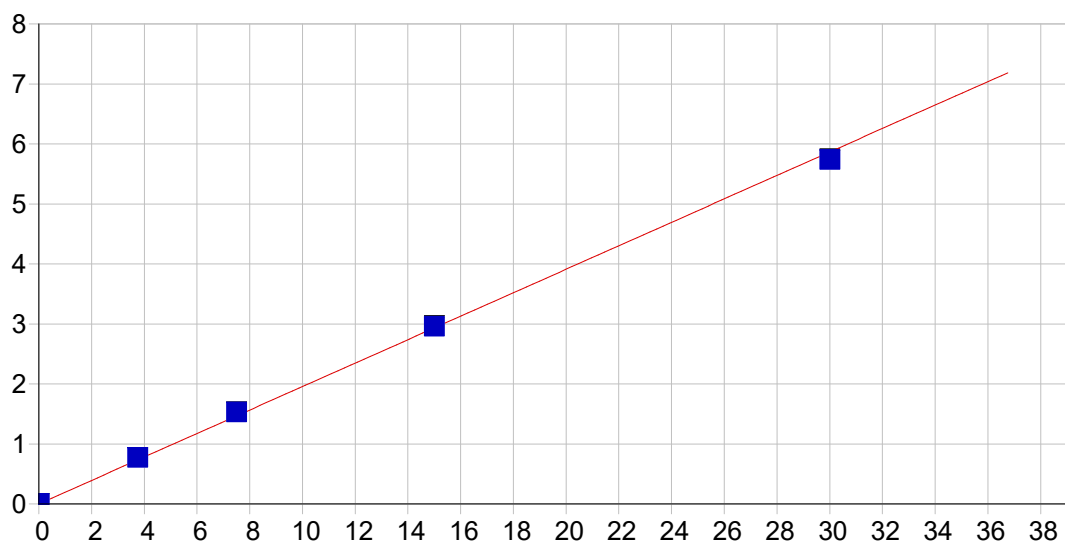


Fe 259.837 {130}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000952 Re-Slope: 1.000000
 A1 (Gain): 0.015039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999789 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.009977
 Predicted MQL: 0.033257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00095	.000	1
S1	.10000	.09897	-.001	-1.03	.00244	.000	1
S2	37.500	40.013	2.51	6.70	.60272	.001	1
S3	75.000	78.998	4.00	5.33	1.1890	.003	1
S4	150.00	152.68	2.68	1.79	2.2972	.011	1
S5	300.00	293.64	-6.36	-2.12	4.4172	.013	1
S6	800.00	797.16	-2.84	-.354	11.990	.036	1

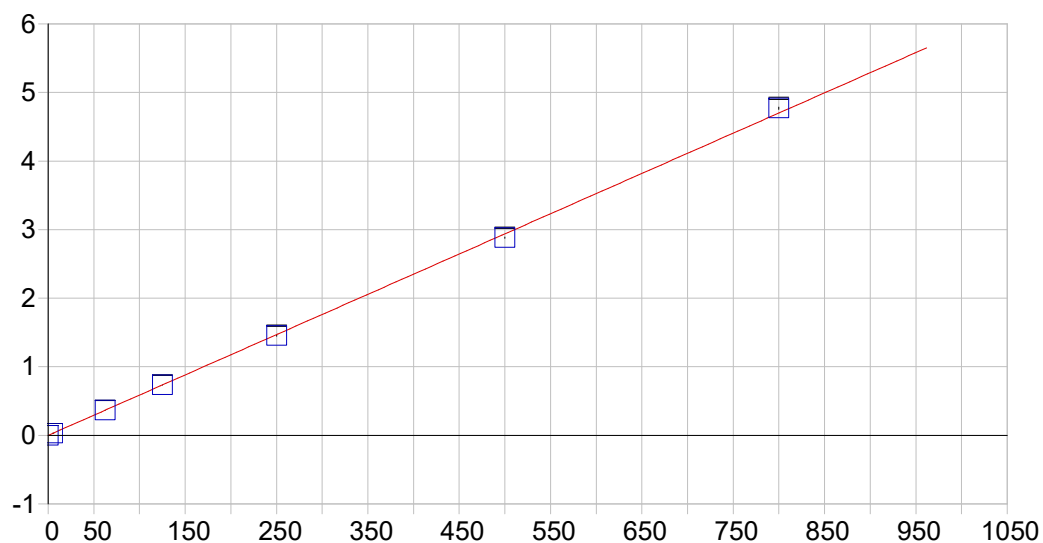


Mn 257.610 {131}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000247 Re-Slope: 1.000000
 A1 (Gain): 0.195524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999637 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.000730
 Predicted MQL: 0.002434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.01500	.01743	.002	16.2	.00365	.000	1
S2	3.7500	3.9476	.198	5.27	.77210	.002	1
S3	7.5000	7.8290	.329	4.39	1.5310	.005	1
S4	15.000	15.131	.131	.871	2.9586	.014	1
S5	30.000	29.340	-.660	-2.20	5.7370	.011	1

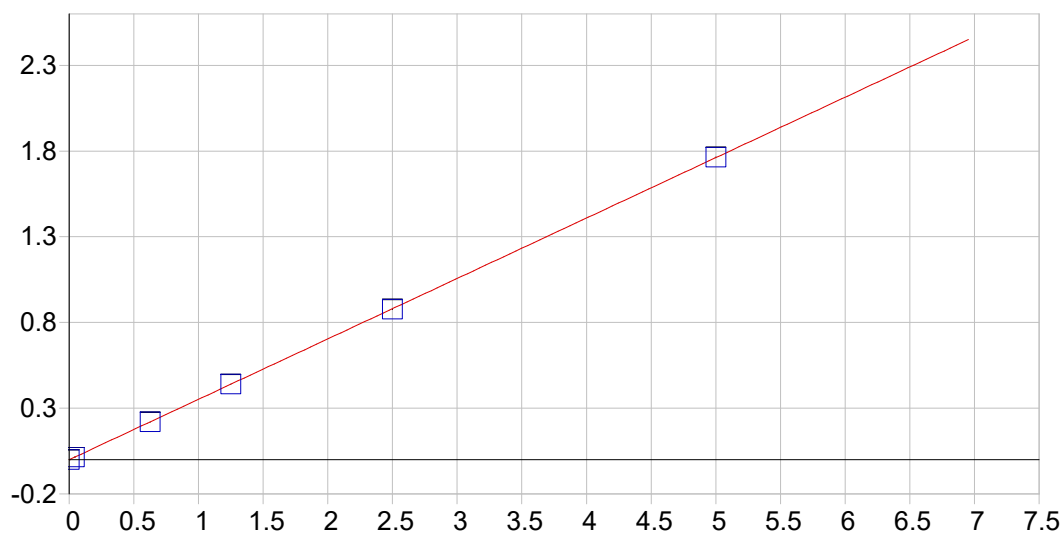


Mg 279.079 {121}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.005876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.000324
 Predicted MDL: 0.030918
 Predicted MQL: 0.103059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00039	-.000	.000	-.00011	.000	1
S1	5.0000	5.4871	.487	9.74	.03213	.000	1
S2	62.500	62.274	-.226	-.362	.36580	.001	1
S3	125.00	124.94	-.057	-.046	.73404	.002	1
S4	250.00	247.35	-2.65	-1.06	1.4533	.009	1
S5	500.00	490.52	-9.48	-1.90	2.8821	.010	1
S6	800.00	811.93	11.9	1.49	4.7707	.015	1

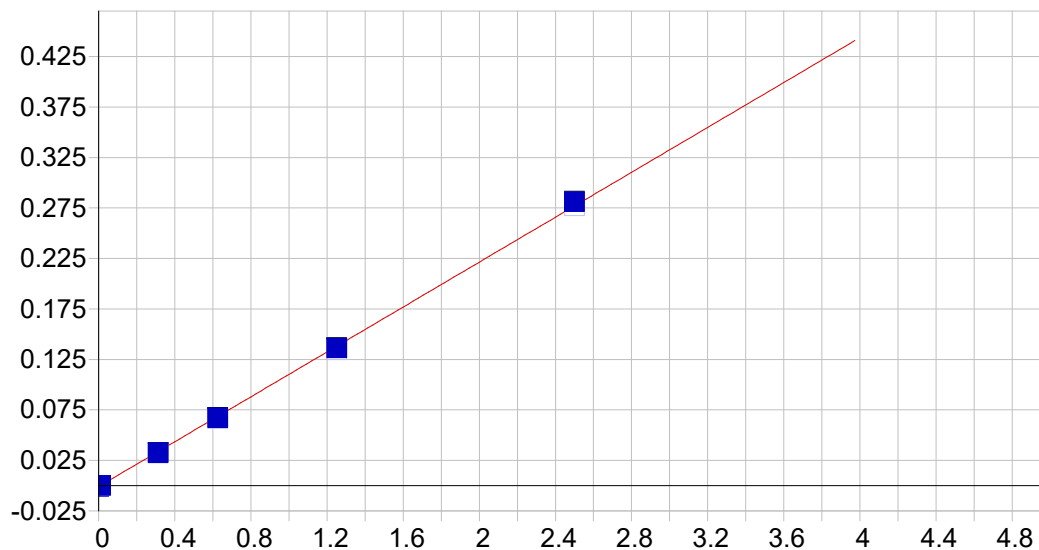


Ni 231.604 {446}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000567 Re-Slope: 1.000000
 A1 (Gain): 0.352433 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000543
 Predicted MQL: 0.001810

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00057	.000	1
S1	.04000	.04209	.002	5.23	.01427	.000	1
S2	.62500	.62500	.000	.001	.21971	.001	1
S3	1.2500	1.2489	-.001	-.092	.43957	.000	1
S4	2.5000	2.4904	-.010	-.382	.87715	.001	1
S5	5.0000	5.0086	.009	.172	1.7646	.001	1

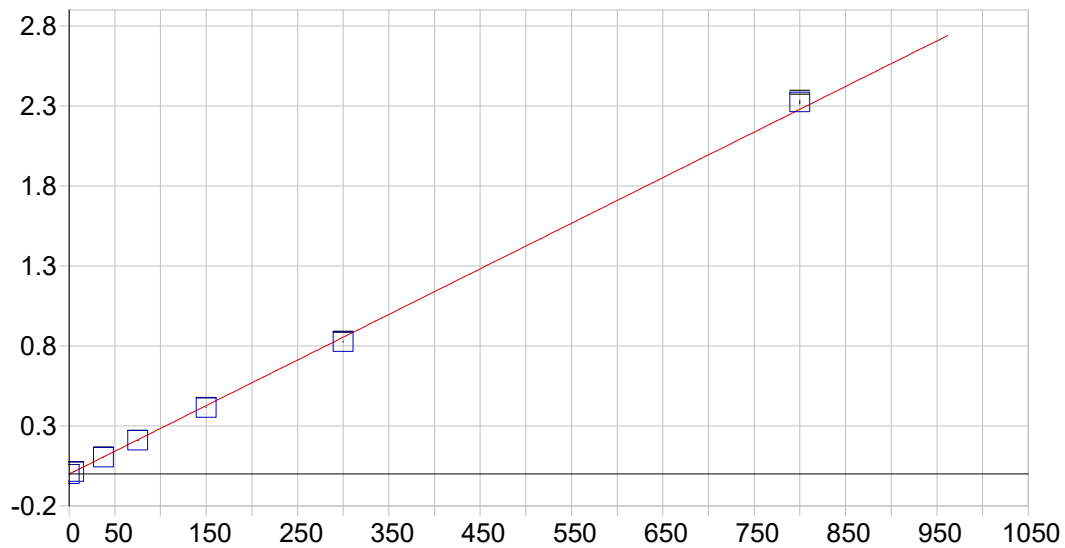


Ag 328.068 {103}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000977 Re-Slope: 1.000000
 A1 (Gain): 0.111177 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000584
 Predicted MQL: 0.001948

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00098	.000	1
S1	.01000	.00996	-.000	-.417	.00013	.000	1
S2	.31250	.30220	-.010	-3.30	.03211	.000	1
S3	.62500	.61424	-.011	-1.72	.06628	.000	1
S4	1.2500	1.2348	-.015	-1.21	.13425	.000	1
S5	2.5000	2.5363	.036	1.45	.27688	.001	1

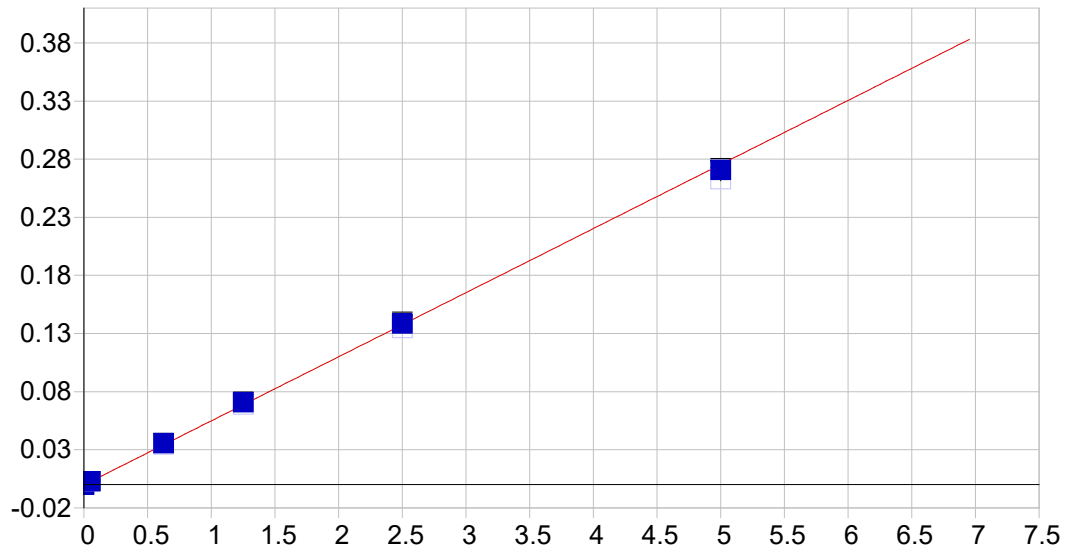


Na 818.326 { 41}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000621 Re-Slope: 1.000000
 A1 (Gain): 0.002850 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.303719
 Predicted MQL: 1.012396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	-.00062	.000	1
S1	5.0000	5.1281	.128	2.56	.01399	.000	1
S2	37.500	36.979	-.521	-1.39	.10475	.000	1
S3	75.000	73.836	-1.16	-1.55	.20978	.000	1
S4	150.00	145.81	-4.19	-2.79	.41488	.002	1
S5	300.00	290.13	-9.87	-3.29	.82614	.003	1
S6	800.00	815.61	15.6	1.95	2.3235	.012	1

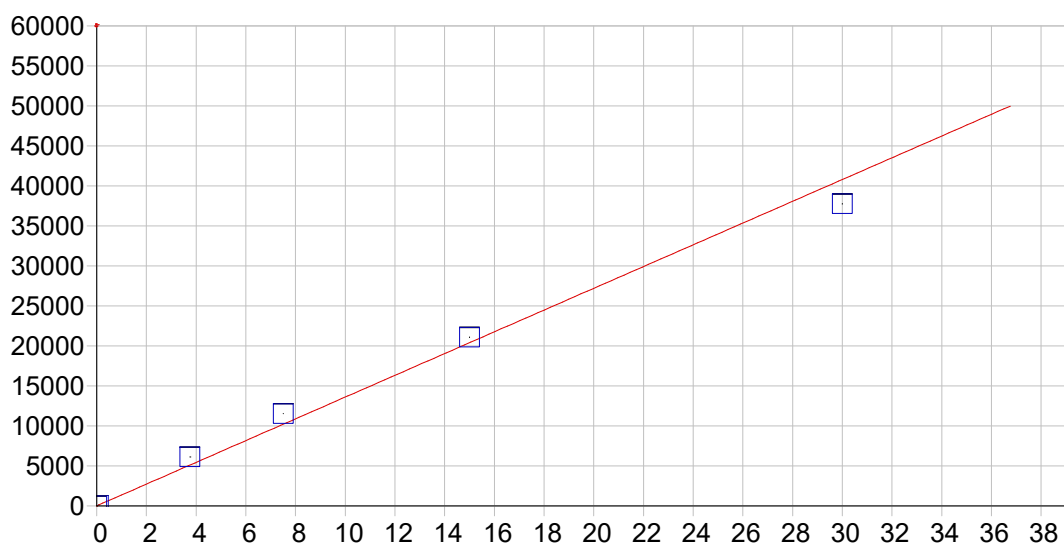


V 292.402 {115}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000230	Re-Slope:	1.000000
A1 (Gain):	0.055131	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999760	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.003858		
Predicted MQL:	0.012862		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00023	.000	1
S1	.05000	.05558	.006	11.2	.00283	.000	1
S2	.62500	.64785	.023	3.66	.03448	.000	1
S3	1.2500	1.2883	.038	3.06	.06879	.000	1
S4	2.5000	2.5191	.019	.766	.13464	.001	1
S5	5.0000	4.9140	-.086	-1.72	.26265	.001	1

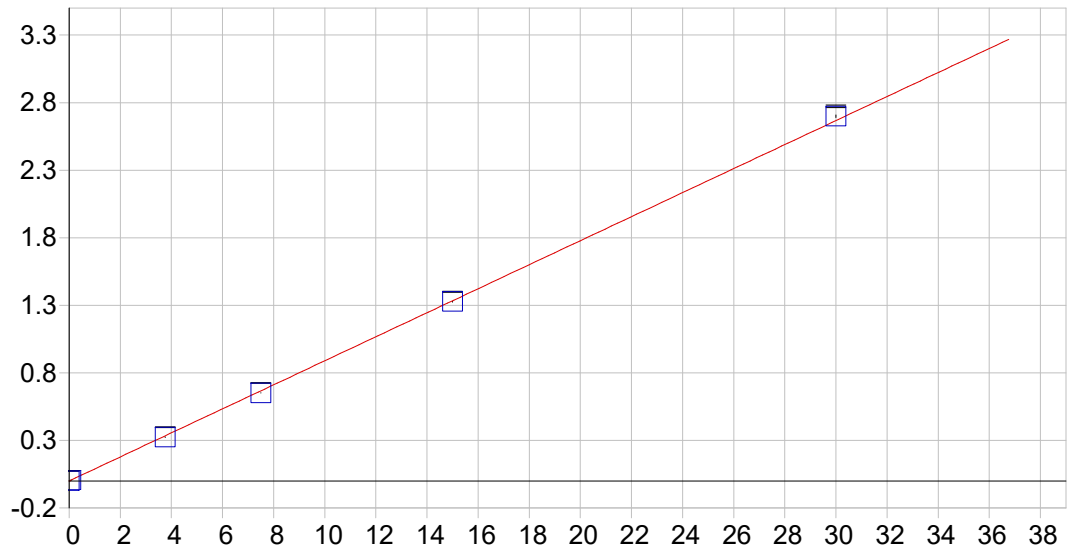


Zn 206.200 {464}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5.825078 Re-Slope: 1.000000
 A1 (Gain): 1359.688912 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995906 Status: OK.
 Std Error of Est: 8.780843
 Predicted MDL: 0.000420
 Predicted MQL: 0.001400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	5.7710	.262	1
S1	.06000	.08262	.023	37.7	118.16	1.05	1
S2	3.7500	4.4906	.741	19.8	6111.7	1.95	1
S3	7.5000	8.4742	.974	13.0	11528.	19.1	1
S4	15.000	15.495	.495	3.30	21074.	28.8	1
S5	30.000	27.767	-2.23	-7.44	37761.	30.3	1

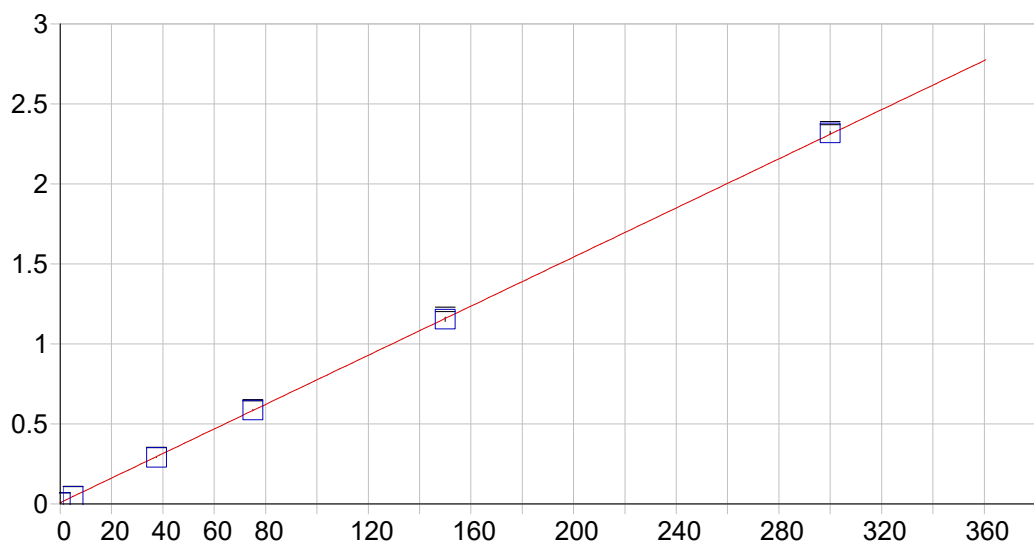


Zn 213.856 {158}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000041	Re-Slope:	1.000000
A1 (Gain):	0.088913	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000091		
Predicted MDL:	0.003200		
Predicted MQL:	0.010665		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.06000	.06117	.001	1.94	.00540	.000	1
S2	3.7500	3.6460	-.104	-2.77	.32414	.002	1
S3	7.5000	7.3219	-.178	-2.37	.65098	.001	1
S4	15.000	14.924	-.076	-.507	1.3269	.004	1
S5	30.000	30.357	.357	1.19	2.6991	.009	1

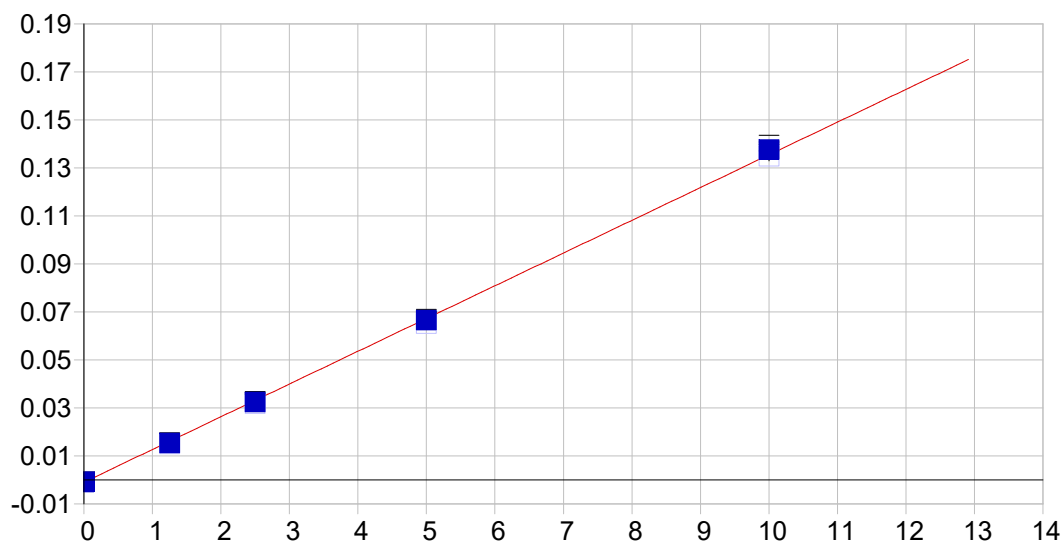


K 769.896 { 44 }

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008033 Re-Slope: 1.000000
 A1 (Gain): 0.007675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.094683
 Predicted MQL: 0.315610

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00803	.000	1
S1	5.0000	5.1429	.143	2.86	.04750	.001	1
S2	37.500	36.854	-.646	-1.72	.29087	.001	1
S3	75.000	75.314	.314	.419	.58603	.004	1
S4	150.00	149.24	-.758	-.506	1.1534	.014	1
S5	300.00	300.95	.948	.316	2.3177	.010	1

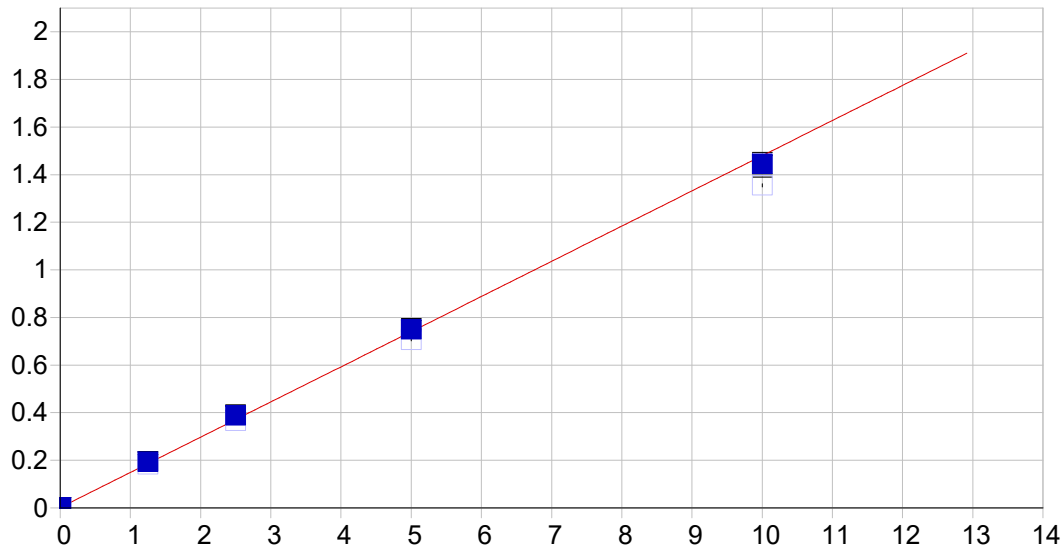


P 177.495 {490}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000966	Re-Slope:	1.000000
A1 (Gain):	0.013640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999778	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.005628		
Predicted MQL:	0.018761		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.01000	.01365	.004	36.5	-.00078	.000	1
S2	1.2500	1.1956	-.054	-4.35	.01499	.000	1
S3	2.5000	2.4454	-.055	-2.18	.03169	.000	1
S4	5.0000	4.9463	-.054	-1.07	.06510	.000	1
S5	10.000	10.159	.159	1.59	.13480	.002	1

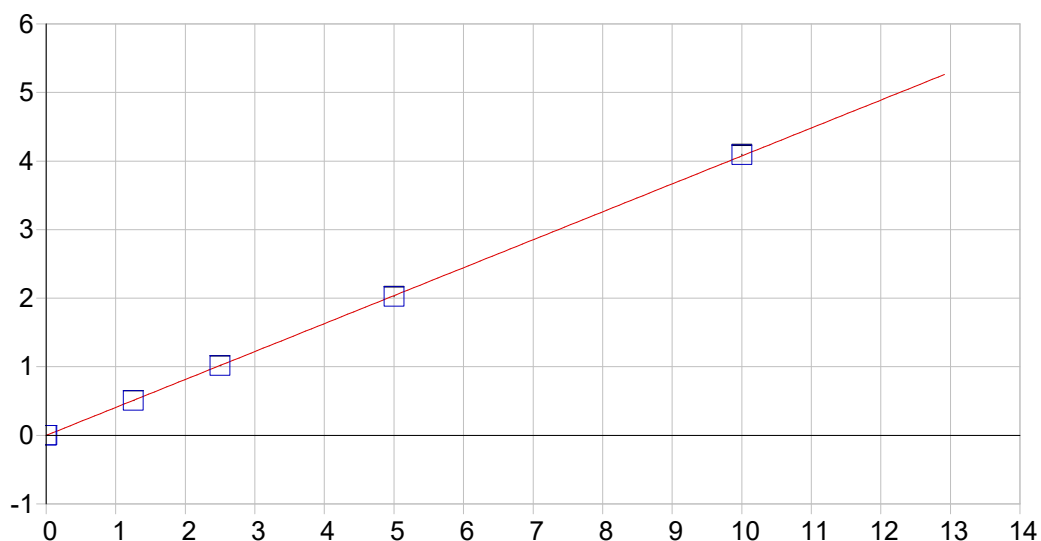


B 249.678 {135}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001549 Re-Slope: 1.000000
 A1 (Gain): 0.147803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999574 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001408
 Predicted MQL: 0.004693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00155	.000	1
S1	.01000	.00884	-.001	-11.6	.00284	.000	1
S2	1.2500	1.3024	.052	4.19	.18280	.001	1
S3	2.5000	2.6149	.115	4.59	.36555	.003	1
S4	5.0000	5.0694	.069	1.39	.70586	.004	1
S5	10.000	9.7646	-.235	-2.35	1.3549	.007	1

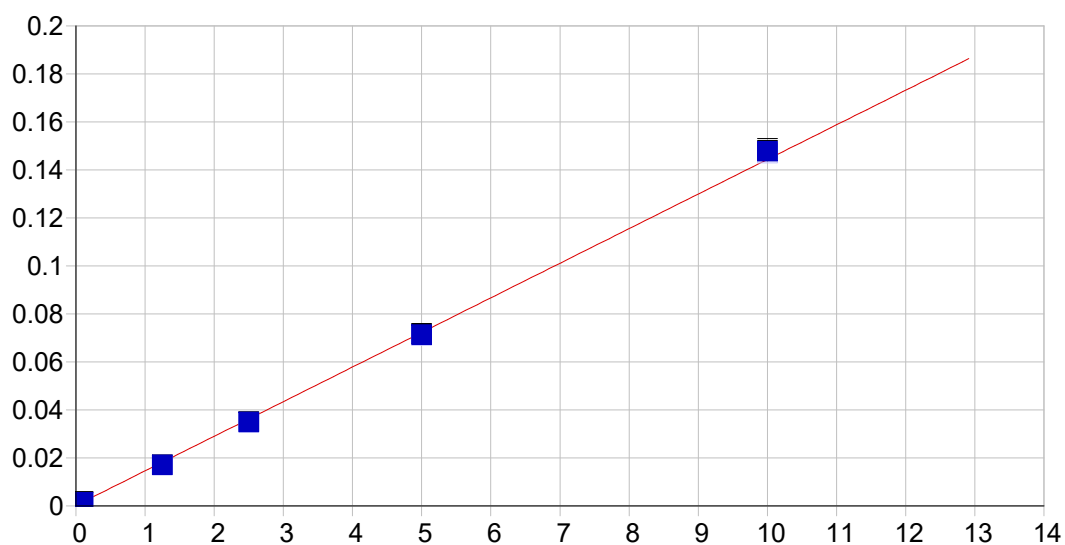


Mo 202.030 {467}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000342 Re-Slope: 1.000000
 A1 (Gain): 0.407468 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000443
 Predicted MQL: 0.001478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.01000	.01131	.001	13.1	.00427	.000	1
S2	1.2500	1.2447	-.005	-.425	.50683	.001	1
S3	2.5000	2.4954	-.005	-.184	1.0165	.001	1
S4	5.0000	4.9643	-.036	-.713	2.0225	.005	1
S5	10.000	10.044	.044	.443	4.0924	.010	1

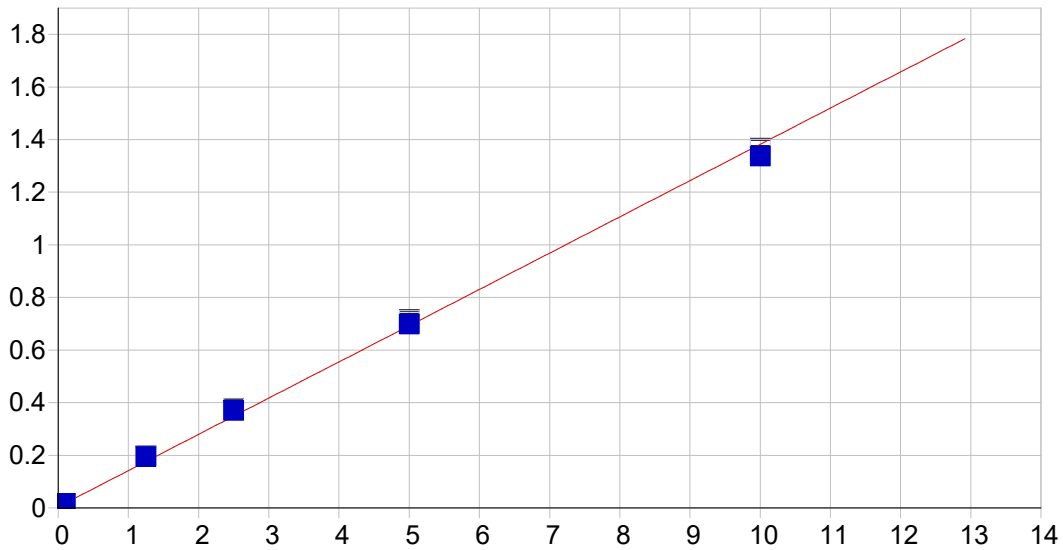


S 182.034 {485}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.014416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999586 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.005934
 Predicted MQL: 0.019780

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00020	.000	1
S1	.10000	.10143	.001	1.43	.00166	.000	1
S2	1.2500	1.1663	-.084	-6.70	.01690	.000	1
S3	2.5000	2.4091	-.091	-3.64	.03471	.000	1
S4	5.0000	4.9353	-.065	-1.29	.07091	.001	1
S5	10.000	10.238	.238	2.38	.14692	.001	1

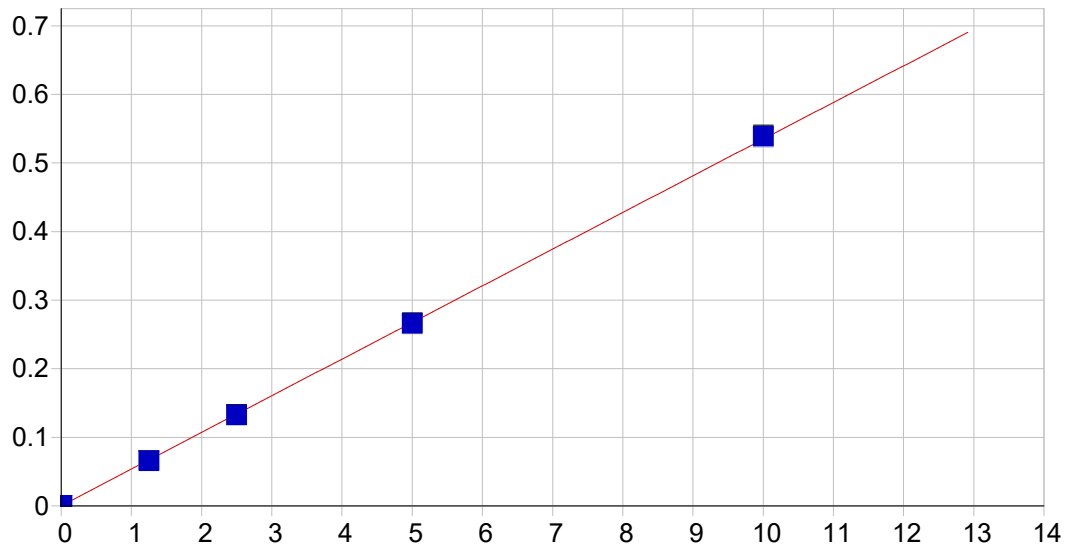


Si 251.611 {134}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003977 Re-Slope: 1.000000
 A1 (Gain): 0.137783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999115 Status: OK.
 Std Error of Est: 0.000314
 Predicted MDL: 0.001550
 Predicted MQL: 0.005167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00397	.000	1
S1	.10000	.10360	.004	3.60	.01841	.000	1
S2	1.2500	1.3822	.132	10.6	.19786	.000	1
S3	2.5000	2.6538	.154	6.15	.37651	.002	1
S4	5.0000	5.0401	.040	.801	.71218	.003	1
S5	10.000	9.6704	-.330	-3.30	1.3639	.003	1

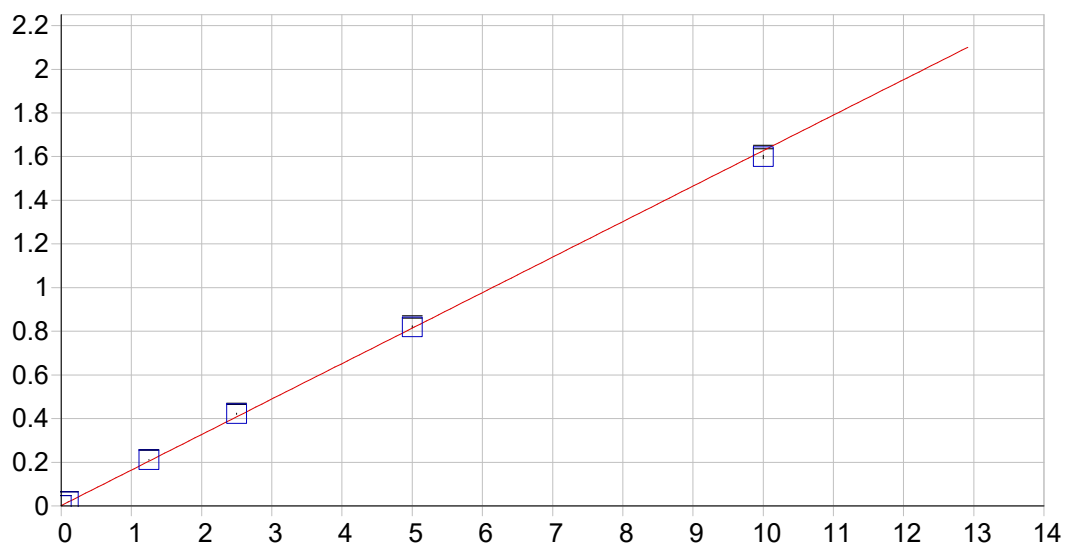


Sn 189.989 {478}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000262	Re-Slope:	1.000000
A1 (Gain):	0.053441	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.001617		
Predicted MQL:	0.005391		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.00700	.00508	-.002	-27.5	.00051	.000	1
S2	1.2500	1.2223	-.028	-2.22	.06534	.000	1
S3	2.5000	2.4776	-.022	-.897	.13219	.000	1
S4	5.0000	4.9707	-.029	-.585	.26495	.001	1
S5	10.000	10.081	.081	.812	.53709	.002	1

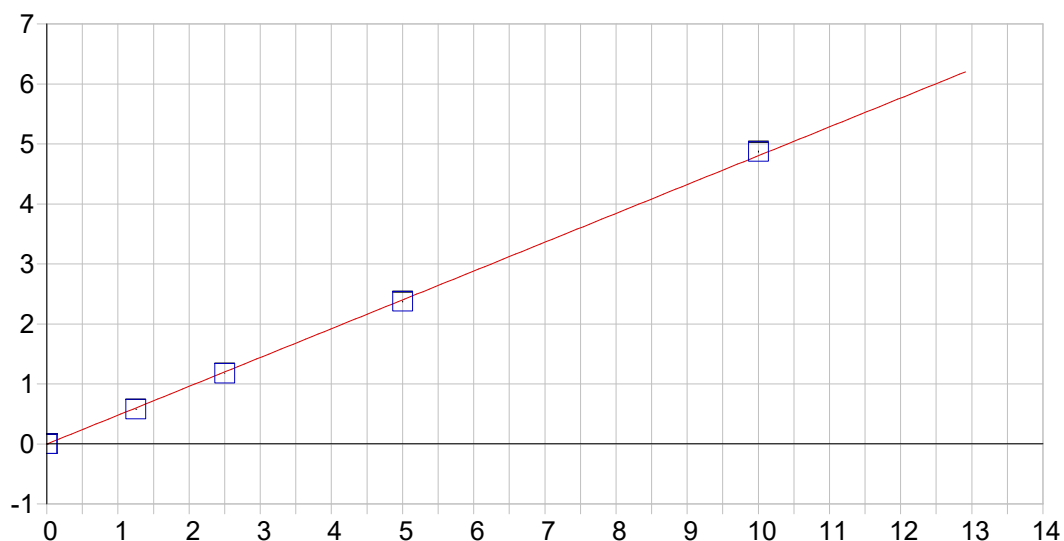


Ti 336.121 {100}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001687 Re-Slope: 1.000000
 A1 (Gain): 0.162560 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.001749
 Predicted MQL: 0.005829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00168	.000	1
S1	.10000	.11109	.011	11.1	.01975	.000	1
S2	1.2500	1.2921	.042	3.37	.21173	.002	1
S3	2.5000	2.5896	.090	3.59	.42266	.003	1
S4	5.0000	5.0345	.035	.690	.82009	.005	1
S5	10.000	9.8227	-.177	-1.77	1.5985	.008	1



Li 670.784 { 50}

Date of Fit: 07/13/2022 12:26:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002053 Re-Slope: 1.000000
 A1 (Gain): 0.480482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000160
 Predicted MDL: 0.001942
 Predicted MQL: 0.006473

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00205	.001	1
S5	10.000	10.143	.143	1.43	4.8714	.012	1
S4	5.0000	4.9451	-.055	-1.10	2.3740	.008	1
S3	2.5000	2.4550	-.045	-1.80	1.1775	.001	1
S2	1.2500	1.2075	-.042	-3.40	.57814	.001	1
S1	.01500	.01442	-.001	-3.86	.00488	.000	1







Y 224.306 {150}*

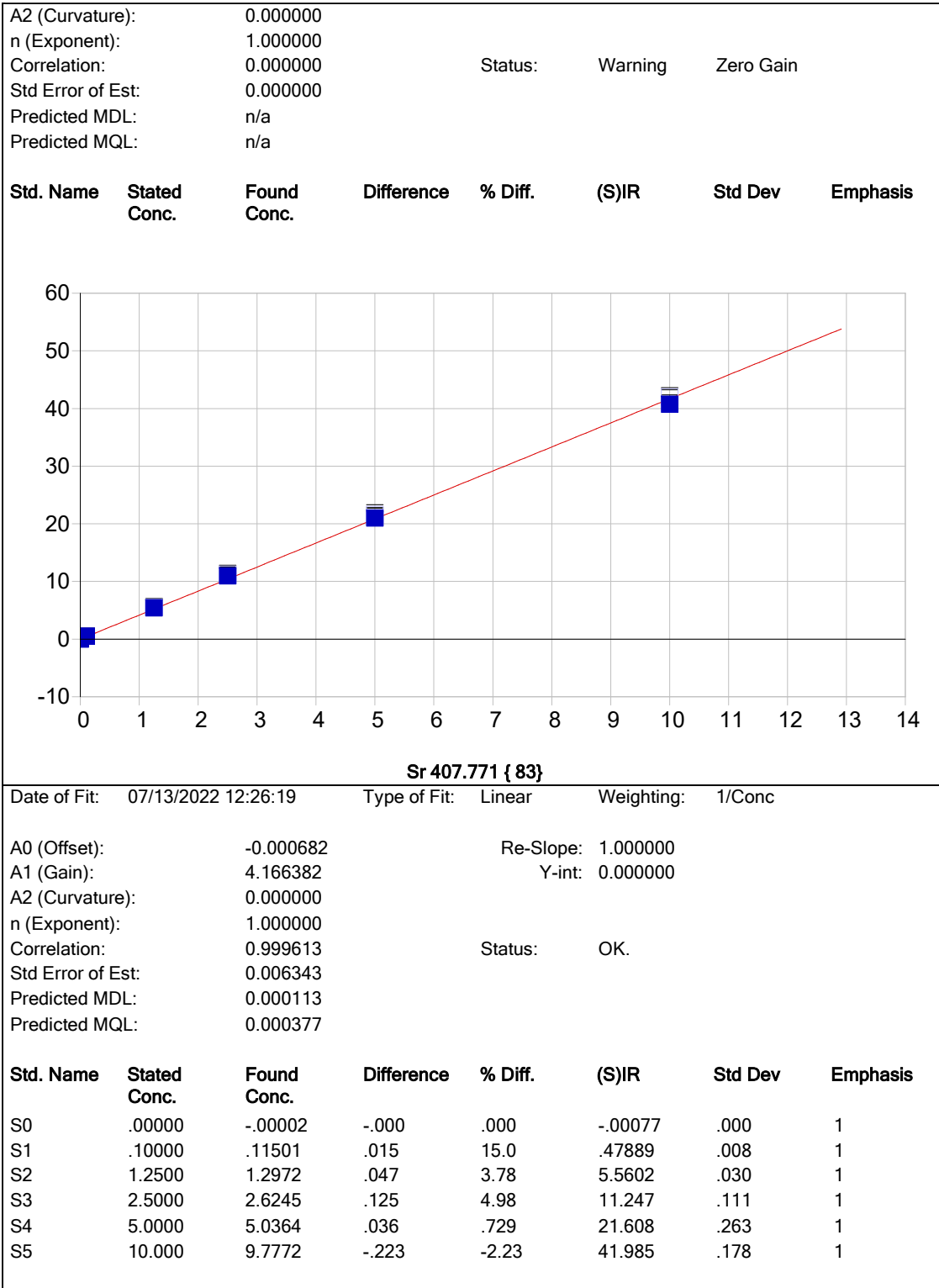
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 07/13/2022 10:46:01 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00007	-.00045	-.00027	.00037	.00070	.00008	-.00029	-.00102
Stddev	.00010	.00006	.00007	.00013	.00016	.00027	.00060	.00007
%RSD	147.38	12.959	24.552	35.240	23.521	342.48	210.98	6.6411

#1	-.00002	-.00040	-.00030	.00023	.00060	-.00023	-.00055	-.00097
#2	.00004	-.00052	-.00031	.00041	.00060	.00022	-.00071	-.00100
#3	.00018	-.00045	-.00019	.00048	.00089	.00024	.00041	-.00110

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	.00072	.00089	-.00002	-.00008	.00150	.00095	.00025	-.00011
Stddev	.00004	.00025	.00001	.00015	.00013	.00010	.00006	.00012
%RSD	5.7989	27.883	72.041	182.64	8.8981	10.782	25.068	103.57

#1	.00070	.00069	-.00004	-.00026	.00153	.00106	.00021	-.00000
#2	.00069	.00117	-.00001	-.00004	.00136	.00095	.00032	-.00024
#3	.00077	.00081	-.00001	.00005	.00162	.00085	.00021	-.00011

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	-.00057	-.00098	-.00062	-.00023	-.00004	.00803	-.00097	.00155
Stddev	.00019	.00001	.00023	.00017	.00042	.00030	.00005	.00024
%RSD	33.144	1.1394	37.590	72.656	1039.3	3.6974	4.8246	15.308

#1	-.00070	-.00097	-.00087	-.00036	.00029	.00832	-.00093	.00128
#2	-.00065	-.00099	-.00057	-.00004	-.00051	.00806	-.00102	.00164
#3	-.00035	-.00098	-.00042	-.00029	.00010	.00772	-.00094	.00173

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	-.00034	.00020	.00397	.00026	.00168	-.00205	-.00077	
Stddev	.00012	.00007	.00013	.00005	.00009	.00107	.00011	
%RSD	33.632	34.388	3.3722	20.351	5.0580	52.155	14.578	

#1	-.00029	.00025	.00382	.00026	.00165	-.00308	-.00064	
#2	-.00026	.00022	.00407	.00021	.00178	-.00213	-.00084	
#3	-.00048	.00012	.00403	.00031	.00162	-.00095	-.00084	

Sample Name: S0 Acquired: 07/13/2022 10:46:01 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3265.1	95667.	13818.	3276.2	4849.5
Stddev	5.8	217.	70.	7.3	8.2
%RSD	.17684	.22713	.50454	.22329	.16965
#1	3265.4	95901.	13869.	3275.9	4851.4
#2	3270.7	95629.	13738.	3269.1	4856.7
#3	3259.2	95471.	13845.	3283.7	4840.5

Sample Name: S1 Acquired: 07/13/2022 10:50:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	.00024	.00013	.00080	.00170	.00641	.00949	.35689	.01166
Stddev	.00010	.00004	.00004	.00015	.00005	.00008	.00089	.00007
%RSD	43.434	28.683	5.6029	8.5836	.83628	.85807	.25057	.61759
#1	.00012	.00016	.00084	.00163	.00641	.00953	.35733	.01158
#2	.00030	.00015	.00075	.00161	.00646	.00954	.35586	.01167
#3	.00029	.00009	.00079	.00187	.00636	.00939	.35748	.01172
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	.00968	.12410	.00080	.02434	.00337	.00244	.00365	.03213
Stddev	.00022	.00071	.00002	.00016	.00018	.00014	.00015	.00049
%RSD	2.3016	.57053	2.9465	.64068	5.4607	5.6933	4.1173	1.5318
#1	.00974	.12397	.00078	.02422	.00326	.00254	.00378	.03180
#2	.00943	.12347	.00079	.02428	.00358	.00250	.00369	.03189
#3	.00987	.12487	.00082	.02451	.00326	.00228	.00349	.03270
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	.01427	.00013	.01399	.00283	.00540	.04750	-.00078	.00284
Stddev	.00017	.00004	.00016	.00012	.00015	.00064	.00004	.00016
%RSD	1.2203	31.474	1.1252	4.1707	2.7637	1.3548	4.5515	5.6986
#1	.01414	.00009	.01382	.00288	.00527	.04679	-.00082	.00271
#2	.01447	.00017	.01402	.00269	.00556	.04769	-.00075	.00302
#3	.01420	.00012	.01413	.00292	.00536	.04803	-.00078	.00278
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	.00427	.00166	.01841	.00051	.01975	.00488	.47889	
Stddev	.00013	.00009	.00003	.00012	.00009	.00023	.00814	
%RSD	3.0330	5.5485	.16364	24.402	.46040	4.6153	1.7005	
#1	.00429	.00156	.01843	.00064	.01985	.00472	.47204	
#2	.00438	.00173	.01843	.00048	.01967	.00477	.47674	
#3	.00413	.00170	.01837	.00040	.01972	.00513	.48789	

Sample Name: S1 Acquired: 07/13/2022 10:50:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	3238.2	94559.	13946.	3224.6	4856.9
Stddev	10.5	205.	86.	20.0	14.2
%RSD	.32567	.21648	.61865	.61929	.29139
#1	3239.0	94793.	14040.	3247.5	4853.2
#2	3248.3	94413.	13870.	3210.7	4872.6
#3	3227.3	94472.	13929.	3215.7	4845.0

Sample Name: S2 Acquired: 07/13/2022 10:54:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	.02356	.02954	.50578	.04930	.11467	1.6710	4.3069	.29199
Stddev	.00021	.00016	.00104	.00017	.00038	.0092	.0054	.00139
%RSD	.90772	.52480	.20649	.33735	.33500	.55300	.12619	.47631

#1	.02344	.02957	.50478	.04931	.11423	1.6810	4.3107	.29161
#2	.02343	.02937	.50570	.04914	.11494	1.6627	4.3007	.29082
#3	.02380	.02968	.50686	.04947	.11484	1.6695	4.3093	.29353

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	1.0202	1.3732	.28587	.28644	.25457	.60272	.77210	.36580
Stddev	.0019	.0022	.00032	.00037	.00184	.00139	.00164	.00108
%RSD	.18630	.15947	.11147	.12801	.72254	.23090	.21280	.29641

#1	1.0186	1.3726	.28565	.28610	.25655	.60325	.77259	.36618
#2	1.0196	1.3714	.28573	.28683	.25291	.60114	.77026	.36458
#3	1.0223	1.3757	.28624	.28641	.25425	.60377	.77344	.36665

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	.21971	.03211	.10475	.03448	.32414	.29087	.01499	.18280
Stddev	.00072	.00015	.00040	.00012	.00206	.00083	.00019	.00057
%RSD	.32679	.47735	.37745	.34869	.63670	.28417	1.2461	.31250

#1	.21930	.03225	.10482	.03462	.32254	.29180	.01487	.18344
#2	.21928	.03212	.10433	.03440	.32341	.29024	.01490	.18265
#3	.22053	.03195	.10511	.03443	.32647	.29056	.01521	.18232

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	.50683	.01690	.19786	.06534	.21173	.57814	5.5602
Stddev	.00091	.00006	.00026	.00034	.00154	.00101	.0296
%RSD	.17976	.34489	.13030	.51814	.72601	.17498	.53174

#1	.50599	.01687	.19814	.06551	.21315	.57699	5.5917
#2	.50670	.01697	.19764	.06495	.21010	.57852	5.5331
#3	.50779	.01687	.19780	.06556	.21196	.57890	5.5559

Sample Name: S2 Acquired: 07/13/2022 10:54:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	3124.1	91953.	14008.	3095.4	4635.8
Stddev	9.8	237.	65.	14.8	14.0
%RSD	.31269	.25787	.46057	.47902	.30215
#1	3131.0	91687.	13943.	3084.4	4642.8
#2	3128.4	92031.	14071.	3112.3	4645.0
#3	3112.9	92141.	14011.	3089.6	4619.7

Sample Name: S3 Acquired: 07/13/2022 10:58:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	.04718	.06008	1.0184	.09770	.22969	3.3773	8.6883	.57663
Stddev	.00024	.00020	.0013	.00004	.00047	.0155	.0081	.00263
%RSD	.51775	.32606	.12614	.03810	.20384	.45751	.09357	.45667

#1	.04714	.06000	1.0176	.09768	.22929	3.3930	8.6911	.57953
#2	.04697	.06031	1.0178	.09768	.23020	3.3621	8.6791	.57439
#3	.04745	.05995	1.0199	.09774	.22956	3.3767	8.6946	.57596

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0230	2.7275	.56263	.57536	.50612	1.1890	1.5310	.73404
Stddev	.0028	.0037	.00043	.00122	.00424	.0033	.0048	.00172
%RSD	.14016	.13687	.07594	.21159	.83711	.28046	.31193	.23483

#1	2.0211	2.7304	.56285	.57450	.50942	1.1923	1.5362	.73551
#2	2.0216	2.7233	.56214	.57482	.50134	1.1857	1.5267	.73214
#3	2.0262	2.7289	.56291	.57675	.50761	1.1891	1.5301	.73448

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	.43957	.06628	.20978	.06879	.65098	.58603	.03169	.36555
Stddev	.00026	.00027	.00041	.00030	.00141	.00445	.00025	.00310
%RSD	.05917	.40702	.19763	.43538	.21599	.76001	.79457	.84870

#1	.43930	.06659	.20966	.06899	.64964	.59041	.03186	.36837
#2	.43959	.06615	.21024	.06844	.65084	.58150	.03181	.36222
#3	.43982	.06611	.20944	.06893	.65244	.58619	.03140	.36606

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	1.0165	.03471	.37651	.13219	.42266	1.1775	11.247
Stddev	.0006	.00009	.00239	.00022	.00273	.0013	.111
%RSD	.06076	.25151	.63444	.16461	.64566	.11223	.98630

#1	1.0161	.03474	.37882	.13243	.42570	1.1773	11.358
#2	1.0161	.03478	.37405	.13210	.42043	1.1764	11.136
#3	1.0172	.03461	.37665	.13202	.42184	1.1790	11.246

Sample Name: S3 Acquired: 07/13/2022 10:58:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	3021.9	89790.	13823.	3014.3	4434.0
Stddev	6.3	103.	61.	6.6	12.5
%RSD	.20712	.11468	.43834	.21846	.28125
#1	3021.3	89704.	13759.	3018.4	4436.8
#2	3028.4	89904.	13879.	3006.7	4444.9
#3	3015.9	89761.	13832.	3017.9	4420.4

Sample Name: S4 Acquired: 07/13/2022 11:02:01 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	.09486	.11736	2.0458	.19104	.45911	6.6909	17.181	1.1062
Stddev	.00050	.00053	.0039	.00073	.00239	.0430	.032	.0050
%RSD	.52779	.45117	.18914	.38204	.52090	.64290	.18905	.45397

#1	.09439	.11687	2.0415	.19022	.45648	6.6459	17.164	1.1007
#2	.09482	.11792	2.0490	.19128	.45968	6.6954	17.218	1.1073
#3	.09539	.11729	2.0470	.19161	.46116	6.7316	17.160	1.1106

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	3.9775	5.3540	1.0980	1.1479	.98244	2.2972	2.9586	1.4533
Stddev	.0035	.0213	.0004	.0012	.01187	.0112	.0145	.0088
%RSD	.08696	.39722	.04128	.10684	1.2086	.48777	.48987	.60823

#1	3.9780	5.3295	1.0985	1.1478	.97010	2.2866	2.9432	1.4437
#2	3.9739	5.3648	1.0976	1.1467	.98344	2.2961	2.9607	1.4551
#3	3.9808	5.3678	1.0980	1.1492	.99378	2.3089	2.9720	1.4611

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	.87715	.13425	.41488	.13464	1.3269	1.1534	.06510	.70586
Stddev	.00117	.00044	.00152	.00134	.0038	.0142	.00048	.00400
%RSD	.13318	.32593	.36566	.99596	.28974	1.2291	.74274	.56666

#1	.87600	.13405	.41313	.13353	1.3232	1.1378	.06460	.70125
#2	.87712	.13395	.41574	.13425	1.3266	1.1569	.06556	.70789
#3	.87833	.13475	.41577	.13613	1.3309	1.1655	.06513	.70843

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	2.0225	.07091	.71218	.26495	.82009	2.3740	21.608
Stddev	.0048	.00052	.00313	.00116	.00466	.0080	.263
%RSD	.23532	.73320	.43948	.43824	.56833	.33767	1.2192

#1	2.0208	.07035	.70877	.26362	.81501	2.3732	21.340
#2	2.0187	.07138	.71285	.26578	.82110	2.3824	21.616
#3	2.0278	.07100	.71492	.26544	.82417	2.3664	21.867

Sample Name: S4 Acquired: 07/13/2022 11:02:01 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	2873.4	87123.	13878.	2864.5	4148.9
Stddev	7.9	279.	101.	13.5	9.3
%RSD	.27547	.32015	.73074	.47075	.22534
#1	2878.6	87357.	13995.	2879.1	4157.8
#2	2877.4	87198.	13820.	2852.6	4149.9
#3	2864.3	86815.	13820.	2861.9	4139.1

Sample Name: S5 Acquired: 07/13/2022 11:05:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	.19260	.23089	4.1415	.37011	.93991	13.443	34.139	2.1347
Stddev	.00057	.00139	.0084	.00211	.00162	.056	.261	.0035
%RSD	.29840	.60132	.20190	.57103	.17249	.41285	.76483	.16283

#1	.19199	.22975	4.1398	.36801	.93813	13.379	34.042	2.1336
#2	.19269	.23048	4.1341	.37008	.94130	13.477	34.435	2.1386
#3	.19313	.23244	4.1505	.37223	.94031	13.473	33.940	2.1319

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	7.8390	10.524	2.1263	2.3005	1.9127	4.4172	5.7370	2.8821
Stddev	.0179	.026	.0025	.0067	.0108	.0132	.0111	.0098
%RSD	.22891	.25129	.11946	.29325	.56602	.29830	.19298	.33875

#1	7.8268	10.497	2.1264	2.2955	1.9010	4.4042	5.7249	2.8720
#2	7.8306	10.550	2.1288	2.2977	1.9224	4.4306	5.7466	2.8914
#3	7.8596	10.525	2.1237	2.3081	1.9148	4.4166	5.7395	2.8830

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	1.7646	.27688	.82614	.26265	2.6991	2.3177	.13480	1.3549
Stddev	.0013	.00079	.00292	.00138	.0088	.0097	.00184	.0067
%RSD	.07108	.28577	.35336	.52587	.32415	.41835	1.3627	.49548

#1	1.7636	.27677	.82276	.26112	2.7085	2.3073	.13297	1.3480
#2	1.7643	.27772	.82783	.26381	2.6911	2.3265	.13479	1.3614
#3	1.7660	.27615	.82781	.26302	2.6977	2.3192	.13664	1.3552

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0924	.14692	1.3639	.53709	1.5985	4.8714	41.985
Stddev	.0100	.00120	.0034	.00160	.0083	.0122	.178
%RSD	.24396	.81562	.24955	.29870	.51743	.24993	.42303

#1	4.0822	.14618	1.3601	.53678	1.5891	4.8605	41.909
#2	4.0928	.14628	1.3666	.53567	1.6047	4.8693	41.858
#3	4.1022	.14830	1.3650	.53883	1.6016	4.8846	42.188

Sample Name: S5 Acquired: 07/13/2022 11:05:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	2656.5	83441.	13776.	2662.1	3798.1
Stddev	4.0	128.	14.	14.8	8.9
%RSD	.14999	.15360	.10367	.55527	.23473
#1	2656.1	83335.	13787.	2648.0	3795.6
#2	2660.6	83404.	13782.	2677.5	3808.0
#3	2652.6	83584.	13760.	2660.7	3790.7

Sample Name: S6 Acquired: 07/13/2022 11:10:02 Type: Cal
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) 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	36.330	18.188	11.990	4.7707	2.3235
Stddev	.173	.057	.036	.0149	.0117
%RSD	.47625	.31542	.30018	.31305	.50450

#1	36.241	18.138	12.031	4.7872	2.3343
#2	36.529	18.177	11.963	4.7582	2.3110
#3	36.220	18.251	11.975	4.7666	2.3253

Int. Std.	Y_3710
Units	Cts/S
Avg	13412.
Stddev	42.
%RSD	.31139

#1	13366.
#2	13421.
#3	13448.

Sample Name: ICV002 Acquired: 07/13/2022 11:18:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9589954	.9956371	.9746916	1.033938	.9533356	2.408435	.5028140
Stddev	.0014210	.0074636	.0020340	.004715	.0056333	.030431	.0006208
%RSD	.1481790	.7496271	.2086785	.4559888	.5909065	1.263500	.1234607

#1	.9578082	.9967242	.9769311	1.038052	.9477102	2.398068	.5034202
#2	.9586080	.9876896	.9729590	1.028793	.9589769	2.384542	.5028423
#3	.9605700	1.002498	.9741847	1.034968	.9533196	2.442694	.5021796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5185590	.5053807	10.19298	.5398005	.4969603	.5060040	10.49266
Stddev	.0019083	.0007425	.03009	.0030751	.0011110	.0006066	.04425
%RSD	.3680011	.1469113	.2951695	.5696778	.2235613	.1198806	.4217123

#1	.5202199	.5058081	10.15869	.5406944	.4982408	.5056419	10.49968
#2	.5164745	.5045233	10.21494	.5423296	.4962517	.5056658	10.44533
#3	.5189826	.5058105	10.20533	.5363775	.4963885	.5067043	10.53299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5110995	5.566868	.5105738	.2354658	9.315783	.5108708	.9575409
Stddev	.0040945	.000411	.0014469	.0011554	.265779	.0044680	.0060621
%RSD	.8011092	.0073858	.2833774	.4906724	2.852998	.8745908	.6330945

#1	.5131374	5.566393	.5102294	.2365786	9.054849	.5075059	.9523861
#2	.5063860	5.567095	.5093302	.2355467	9.306343	.5091663	.9560169
#3	.5137751	5.567115	.5121617	.2342721	9.586156	.5159402	.9642196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17133	4.898125	5.142739	4.954898	4.784580	4.941485	4.894016
Stddev	.17432	.028460	.008338	.010322	.006818	.018140	.017572
%RSD	1.713863	.5810393	.1621400	.2083106	.1425064	.3670973	.3590507

#1	10.18113	4.914310	5.152160	4.945401	4.786226	4.961685	4.884594
#2	9.99231	4.865263	5.136306	4.953409	4.777089	4.926588	4.883164
#3	10.34054	4.914802	5.139751	4.965883	4.790424	4.936182	4.914289

Sample Name: ICV002 Acquired: 07/13/2022 11:18:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.090797	4.722625	5.123193
Stddev	.033246	.009677	.058382
%RSD	.6530682	.2049101	1.139566

#1	5.095171	4.712023	5.178934
#2	5.055580	4.730984	5.062487
#3	5.121640	4.724867	5.128157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.761	92402.52	14382.67	3113.212	4692.619
Stddev	2.039	230.75	9.36	9.888	5.747
%RSD	.0653353	.2497235	.0650824	.3176297	.1224627

#1	3121.102	92559.91	14386.16	3124.551	4692.858
#2	3122.608	92137.63	14389.78	3108.702	4698.242
#3	3118.573	92510.02	14372.06	3106.382	4686.756

Sample Name: ICB002 Acquired: 07/13/2022 11:23:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004069	-.001636	.0009878	.0000602	-.000316	.0045981	-.000606
Stddev	.002269	.004849	.0014072	.0054491	.001881	.0121682	.000305
%RSD	55.75818	296.4121	142.4570	9046.275	595.2315	264.6318	50.30300

#1	-.006644	.001165	-.000545	.0044377	-.002484	.0186111	-.000846
#2	-.002367	-.007234	.001286	-.006043	.000873	-.001519	-.000709
#3	-.003195	.001162	.002222	.001786	.000663	-.003298	-.000263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001420	-.000021	-.002420	.0008586	-.000186	.0066353	.0322278
Stddev	.0000353	.000100	.003084	.0004764	.000322	.0004356	.0061506
%RSD	24.83959	471.1018	127.4393	55.48516	172.5368	6.565507	19.08479

#1	.0001817	-.000031	-.005549	.0011878	-.000105	.0071282	.0393071
#2	.0001298	-.000116	.000618	.0010757	-.000541	.0063019	.0281958
#3	.0001144	.000084	-.002330	.0003123	.000087	.0064758	.0291805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009871	.0353169	-.000631	.0003325	-.422525	-.001705	-.003030
Stddev	.0006149	.0405846	.000373	.0007194	.091253	.000395	.001181
%RSD	62.29889	114.9155	59.07368	216.3789	21.59709	23.18852	38.98816

#1	.0016970	.0783839	-.000376	-.000490	-.326615	-.001718	-.004389
#2	.0006179	.0297847	-.000459	.000643	-.432689	-.002095	-.002248
#3	.0006464	-.002218	-.001059	.000845	-.508270	-.001304	-.002453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.148974	.0019207	.0082372	.0012196	-.000919	-.007611	.0002820
Stddev	.093488	.0024612	.0006264	.0003086	.003196	.001466	.0011485
%RSD	62.75441	128.1407	7.604025	25.30567	347.6924	19.26692	407.2421

#1	-.063260	.0042494	.0077567	.0010438	-.004508	-.006764	.0012882
#2	-.135000	-.000655	.0080094	.0015760	.001620	-.006766	.0005271
#3	-.248663	.002167	.0089456	.0010390	.000130	-.009305	-.000969

Sample Name: ICB002 Acquired: 07/13/2022 11:23:21 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000993	.0036285	.0001367
Stddev	.001243	.0003430	.0001185
%RSD	125.1826	9.451643	86.74285

#1	-.001423	.0034350	.0000139
#2	-.001962	.0034261	.0001457
#3	.000408	.0040245	.0002504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.165	91589.07	14301.42	3101.226	4646.963
Stddev	15.312	337.05	51.15	20.620	20.589
%RSD	.4899554	.3680054	.3576723	.6648838	.4430588

#1	3131.167	91976.23	14323.75	3120.406	4654.451
#2	3136.566	91361.09	14242.90	3079.419	4662.759
#3	3107.761	91429.88	14337.61	3103.855	4623.678

Sample Name: ICSA002 Acquired: 07/13/2022 11:27:28 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004336	.0017947	.0030000	-.007370	.0007140	249.2145	.0057969
Stddev	.0086345	.0019610	.0015173	.003254	.0012588	1.7265	.0005604
%RSD	1991.287	109.2674	50.57604	44.15264	176.3056	.6927788	9.667775

#1	-.004004	.0039939	.0046773	-.008743	.0012836	248.5116	.0052453
#2	.010385	.0002283	.0025998	-.003655	-.000729	247.9503	.0063658
#3	-.005079	.0011617	.0017229	-.009714	.001587	251.1815	.0057796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010196	-.001166	254.8364	.0613421	-.000845	.0048282	101.1447
Stddev	.0000489	.000092	.7838	.0006406	.000396	.0039961	.4797
%RSD	4.800561	7.883334	.3075595	1.044292	46.84242	82.76489	.4742308

#1	.0009929	-.001259	254.4456	.0606510	-.001283	.0037543	100.8228
#2	.0010761	-.001166	254.3248	.0614595	-.000513	.0092515	100.9153
#3	.0009898	-.001075	255.7387	.0619159	-.000739	.0014788	101.6960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111414	249.2610	-.000295	-.003344	.0334149	-.001432	.0073002
Stddev	.0003816	1.2375	.000342	.000285	.0810150	.002714	.0048852
%RSD	3.424738	.4964772	115.7816	8.531657	242.4515	189.5074	66.91811

#1	.0114369	248.4549	-.000678	-.003670	.0269593	.001697	.0119930
#2	.0107106	248.6421	-.000021	-.003225	.1174645	-.003137	.0076645
#3	.0112767	250.6858	-.000186	-.003138	-.044179	-.002857	.0022431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.118927	.0004882	-.001186	-.000849	.0025832	-.013401	.0019192
Stddev	.080767	.0046157	.002792	.000386	.0022015	.000153	.0015299
%RSD	67.91247	945.4272	235.3210	45.46970	85.22597	1.143469	79.71712

#1	-.068690	.0034768	-.003744	-.000437	.0047374	-.013256	.0027544
#2	-.075999	-.004828	.001792	-.000909	.0003372	-.013385	.0028497
#3	-.212093	.002816	-.001607	-.001202	.0026748	-.013561	.0001534

Sample Name: ICSA002 Acquired: 07/13/2022 11:27:28 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004600	.0047210	.0024464
Stddev	.000384	.0018322	.0009314
%RSD	8.344113	38.80990	38.07067

#1	-.004894	.0033168	.0027463
#2	-.004741	.0067936	.0014020
#3	-.004166	.0040526	.0031909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.798	86843.38	14183.21	2902.093	4197.549
Stddev	11.050	601.93	120.00	18.091	4.850
%RSD	.3757423	.6931190	.8460736	.6233678	.1155531

#1	2942.003	86452.40	14103.77	2887.385	4200.970
#2	2951.196	87536.53	14321.26	2922.293	4199.678
#3	2929.195	86541.20	14124.62	2896.599	4191.998

Sample Name: ICSAB002 Acquired: 07/13/2022 11:31:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958213	.1013810	.0561716	.0433182	.6153322	241.7918	.5114245
Stddev	.0031863	.0051252	.0024575	.0067353	.0009273	1.2806	.0030731
%RSD	3.325272	5.055409	4.375024	15.54838	.1507026	.5296123	.6008934

#1	.0978102	.0989297	.0576223	.0421820	.6149328	241.1871	.5081674
#2	.0921462	.0979417	.0533341	.0505493	.6146715	240.9256	.5118333
#3	.0975075	.1072715	.0575583	.0372232	.6163923	243.2628	.5142727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4966397	.9892012	248.9008	.5770141	.4966614	.4802684	97.88901
Stddev	.0057198	.0007825	.9496	.0006893	.0008907	.0094483	.37936
%RSD	1.151709	.0791001	.3815275	.1194555	.1793361	1.967299	.3875419

#1	.4977229	.9890546	248.3984	.5768392	.4966088	.4779039	97.91634
#2	.4904557	.9900467	248.3079	.5764292	.4975773	.4722269	97.49672
#3	.5017405	.9885025	249.9960	.5777740	.4957982	.4906744	98.25396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5003412	240.6751	1.014711	.2008256	-.080711	.4895085	1.009836
Stddev	.0022489	1.0904	.001016	.0010185	.286924	.0043221	.011135
%RSD	.4494693	.4530385	.1001631	.5071762	355.4952	.8829557	1.102672

#1	.4990685	240.5811	1.013815	.2013306	.144394	.4862070	1.000483
#2	.4990174	239.6348	1.014502	.2014930	.017263	.4879180	1.022154
#3	.5029379	241.8094	1.015815	.1996533	-.403790	.4944006	1.006871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.500651	-.001120	-.006824	-.000632	.0112630	-.013853	-.000996
Stddev	.025313	.003608	.001517	.000144	.0077193	.001136	.001773
%RSD	5.055934	322.2479	22.22694	22.80012	68.53750	8.201828	177.9658

#1	-.502995	.002811	-.005455	-.000645	.0192185	-.015163	-.001455
#2	-.524710	-.004282	-.006563	-.000769	.0038037	-.013137	-.002495
#3	-.474248	-.001889	-.008454	-.000482	.0107667	-.013259	.000961

Sample Name: ICSAB002 Acquired: 07/13/2022 11:31:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004593	.0048126	.0014113
Stddev	.000862	.0015016	.0007324
%RSD	18.76902	31.20112	51.89485

#1	-.004735	.0033784	.0015500
#2	-.005376	.0046859	.0006195
#3	-.003669	.0063735	.0020645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.544	86567.32	14391.22	2889.869	4189.142
Stddev	4.954	221.45	114.10	10.946	2.957
%RSD	.1688884	.2558105	.7928341	.3787590	.0705855

#1	2937.261	86717.88	14395.25	2899.355	4191.706
#2	2935.452	86313.05	14503.26	2877.893	4189.813
#3	2927.919	86671.04	14275.16	2892.358	4185.908

Sample Name: CCV004 Acquired: 07/13/2022 11:35:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023401	5.076389	25.52947	4.882275	5.100566	396.8467	10.34107
Stddev	.008238	.024750	.05259	.025411	.007198	.7863	.00754
%RSD	.1640016	.4875535	.2059833	.5204690	.1411255	.1981319	.0729171

#1	5.014229	5.064476	25.48868	4.852996	5.095333	397.7490	10.34869
#2	5.030172	5.059848	25.51091	4.898577	5.108775	396.4831	10.34089
#3	5.025803	5.104843	25.58882	4.895251	5.097590	396.3080	10.33362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4932034	2.520121	398.5584	15.63280	2.550838	14.97056	399.3959
Stddev	.0040013	.002213	.7662	.01081	.001368	.03148	.9097
%RSD	.8112968	.0878048	.1922390	.0691451	.0536486	.2102879	.2277809

#1	.4961742	2.517623	399.2365	15.64503	2.550266	15.00619	400.4406
#2	.4947826	2.520905	398.7115	15.62887	2.549848	14.95898	398.9688
#3	.4886535	2.521836	397.7272	15.62450	2.552399	14.94650	398.7783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94923	395.7154	2.573447	1.313440	394.6243	2.504430	15.51949
Stddev	.01813	.7013	.004647	.005599	.7327	.012982	.13041
%RSD	.1212905	.1772317	.1805608	.4262722	.1856663	.5183534	.8403093

#1	14.96771	396.5148	2.568983	1.319301	394.7327	2.489464	15.45150
#2	14.94852	395.2036	2.573101	1.308146	395.2967	2.512644	15.43713
#3	14.93147	395.4278	2.578257	1.312874	393.8434	2.511184	15.66985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.0168	5.239906	4.895828	5.060942	5.203498	4.855389	5.172921
Stddev	.7185	.016655	.040202	.010290	.013693	.046429	.021450
%RSD	.4726157	.3178578	.8211566	.2033200	.2631425	.9562284	.4146536

#1	152.8451	5.225174	4.926958	5.050429	5.188956	4.881793	5.155675
#2	151.6422	5.236564	4.910088	5.061403	5.205395	4.882594	5.166150
#3	151.5630	5.257979	4.850440	5.070993	5.216144	4.801780	5.196940

Sample Name: CCV004 Acquired: 07/13/2022 11:35:30 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.979949	5.250645	4.703381
Stddev	.010319	.007033	.060514
%RSD	.2072143	.1339396	1.286603

#1	4.987826	5.255802	4.772701
#2	4.983753	5.253498	4.661106
#3	4.968268	5.242634	4.676336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.433	82490.39	13926.77	2682.942	3811.199
Stddev	1.481	769.77	140.72	19.760	2.418
%RSD	.0546657	.9331658	1.010444	.7364998	.0634536

#1	2708.628	81899.63	13767.32	2667.937	3813.377
#2	2711.142	83360.93	13979.42	2705.330	3811.624
#3	2708.528	82210.62	14033.59	2675.559	3808.597

Sample Name: CCB004 Acquired: 07/13/2022 11:43:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001491	-.001423	.0011775	-.000677	-.001251	.0010360	-.000183
Stddev	.002628	.002353	.0024748	.000560	.002520	.0072054	.000514
%RSD	176.1948	165.2970	210.1699	82.77924	201.4036	695.5176	280.6454

#1	-.003449	-.003853	.0025813	-.001185	-.002127	.0084172	-.000175
#2	-.002520	-.001262	-.001680	-.000076	-.003216	-.005980	.000327
#3	.001495	.000844	.002631	-.000769	.001590	.000670	-.000700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	.0000044	.0022934	.0004209	-.000056	.0067483	.0329712
Stddev	.0000587	.0000955	.0103985	.0005235	.000377	.0027681	.0088371
%RSD	75.35366	2146.191	453.4153	124.3689	677.1120	41.01893	26.80241

#1	.0000299	.0001090	-.009608	.0009604	.000114	.0068480	.0353641
#2	.0000603	-.000017	.009618	-.000085	-.000487	.0094651	.0231841
#3	.0001433	-.000078	.006870	.000387	.000206	.0039317	.0403654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015927	.0080416	-.001249	.0004531	-.251309	.0000842	-.003783
Stddev	.0001723	.0147703	.000337	.0002801	.156736	.0018173	.004827
%RSD	10.82131	183.6734	27.02848	61.82022	62.36768	2158.685	127.5946

#1	.0017789	-.005319	-.001363	.0004088	-.159899	-.001387	-.007991
#2	.0014386	.023903	-.001514	.0007528	-.161740	.002116	.001486
#3	.0015607	.005541	-.000869	.0001978	-.432289	-.000476	-.004844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.259235	-.000881	.0012448	.0006476	-.003229	-.015814	-.001330
Stddev	.134264	.002738	.0013540	.0007333	.005941	.001099	.001558
%RSD	51.79263	310.6733	108.7734	113.2343	184.0096	6.951438	117.0881

#1	-.108120	.001504	.0026019	.0013396	.001542	-.014593	-.003045
#2	-.364797	-.000277	.0012384	-.000121	-.001344	-.016123	-.000944
#3	-.304786	-.003871	-.000106	.000724	-.009883	-.016726	-.000002

Sample Name: CCB004 Acquired: 07/13/2022 11:43:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017618	.0031378	.0000189
Stddev	.0004406	.0004032	.0001307
%RSD	25.00723	12.84910	693.2381

#1	.0012664	.0027024	.0001696
#2	.0019096	.0032126	-.000051
#3	.0021095	.0034983	-.000062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.048	91101.56	14678.21	3060.874	4668.391
Stddev	1.639	382.57	54.59	27.176	3.696
%RSD	.0523258	.4199425	.3719046	.8878352	.0791673

#1	3131.212	91203.27	14632.72	3044.411	4665.885
#2	3133.936	91423.00	14738.74	3092.240	4666.653
#3	3130.995	90678.41	14663.15	3045.970	4672.636

Sample Name: N1331-04 Acquired: 07/13/2022 11:47:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-QT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026722	.0101015	.0042455	.0185416	.0109154	.0209838	.0269739
Stddev	.0022172	.0026669	.0016194	.0044332	.0002413	.0025571	.0004439
%RSD	82.97303	26.40105	38.14548	23.90956	2.210653	12.18620	1.645865

#1	.0001541	.0129542	.0024186	.0147289	.0111546	.0229454	.0273131
#2	.0035308	.0076707	.0048133	.0234061	.0106721	.0219142	.0271370
#3	.0043316	.0096797	.0055046	.0174898	.0109194	.0180917	.0264714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016536	.0015546	.5262127	.0031128	.0071924	.0092552	.0555459
Stddev	.0000975	.0000700	.0067631	.0001076	.0000608	.0017730	.0107047
%RSD	5.894339	4.500703	1.285244	3.457383	.8448537	19.15683	19.27172

#1	.0017484	.0016354	.5210184	.0032202	.0071922	.0096930	.0555243
#2	.0016588	.0015146	.5237597	.0030049	.0071318	.0073043	.0448521
#3	.0015537	.0015138	.5338600	.0031132	.0072533	.0107683	.0662614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059548	.4909562	.0101322	.0028838	.3955256	.0101884	.0138574
Stddev	.0011144	.0121213	.0003644	.0001954	.0290682	.0028640	.0026777
%RSD	18.71378	2.468909	3.596477	6.776092	7.349257	28.11012	19.32303

#1	.0053969	.4978677	.0105246	.0027074	.3788717	.0106068	.0131420
#2	.0072379	.4769601	.0098045	.0028501	.3786147	.0071382	.0168202
#3	.0052295	.4980407	.0100674	.0030939	.4290903	.0128201	.0116102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1875200	.0051562	.0042537	.0060989	.0451417	.0340667	.0026616
Stddev	.0628367	.0050863	.0010938	.0002911	.0069198	.0017791	.0007527
%RSD	33.50933	98.64314	25.71425	4.772452	15.32899	5.222471	28.27887

#1	.2592880	.0052196	.0031444	.0063164	.0460912	.0356899	.0035305
#2	.1608805	.0102105	.0042853	.0062122	.0377963	.0321646	.0022427
#3	.1423914	.0000386	.0053313	.0057683	.0515378	.0343455	.0022116

Sample Name: N1331-04 Acquired: 07/13/2022 11:47:44 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-QT1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0105514	.0082444	.0055733
Stddev	.0014567	.0015994	.0001021
%RSD	13.80580	19.39977	1.832562

#1	.0089469	.0070924	.0056497
#2	.0109166	.0100705	.0054573
#3	.0117908	.0075703	.0056129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.451	91255.29	14592.80	3082.880	4625.263
Stddev	9.067	156.28	43.69	19.853	10.393
%RSD	.2912992	.1712570	.2993652	.6439877	.2246908

#1	3114.501	91406.40	14544.23	3063.745	4620.389
#2	3120.317	91265.15	14605.30	3081.514	4637.197
#3	3102.535	91094.30	14628.88	3103.381	4618.203

Sample Name: N1331-02 Acquired: 07/13/2022 11:51:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-QT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020488	.0070935	.0065261	.0178021	.0096802	.0274555	.0263180
Stddev	.0011954	.0023575	.0014057	.0034242	.0011256	.0073589	.0003610
%RSD	58.34917	33.23425	21.54010	19.23473	11.62773	26.80307	1.371737

#1	.0015619	.0089381	.0055134	.0174745	.0086585	.0253100	.0259046
#2	.0034108	.0044375	.0059339	.0213783	.0094953	.0356487	.0265709
#3	.0011736	.0079049	.0081310	.0145534	.0108868	.0214077	.0264787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015491	.0015753	.5169225	.0031833	.0071672	.0085820	.0554162
Stddev	.0000232	.0000782	.0091995	.0003315	.0002245	.0021901	.0085683
%RSD	1.497249	4.964077	1.779671	10.41447	3.131746	25.51928	15.46167

#1	.0015728	.0015154	.5065267	.0032268	.0069815	.0065120	.0529394
#2	.0015482	.0016638	.5202291	.0028322	.0071034	.0083589	.0649500
#3	.0015264	.0015468	.5240117	.0034910	.0074166	.0108751	.0483591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058012	.5041827	.0099463	.0029146	.6734782	.0123163	.0129274
Stddev	.0002915	.0161463	.0002002	.0004377	.2194358	.0001231	.0026226
%RSD	5.024634	3.202473	2.012374	15.01819	32.58247	.9996809	20.28695

#1	.0054650	.4855905	.0099305	.0024816	.4643867	.0122217	.0113407
#2	.0059837	.5122744	.0097545	.0029052	.6540779	.0124555	.0159545
#3	.0059549	.5146831	.0101538	.0033569	.9019701	.0122716	.0114870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1623201	.0088601	.0024302	.0060997	.0483070	.0330649	.0020543
Stddev	.0432187	.0061820	.0013485	.0003429	.0036883	.0005630	.0012424
%RSD	26.62558	69.77387	55.48660	5.620960	7.635220	1.702764	60.47885

#1	.1342295	.0158283	.0009236	.0058322	.0510098	.0325056	.0015152
#2	.1406437	.0040343	.0035238	.0064862	.0498060	.0330575	.0034751
#3	.2120871	.0067176	.0028433	.0059807	.0441051	.0336316	.0011725

Sample Name: N1331-02 Acquired: 07/13/2022 11:51:53 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-WATER-QT Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103900	.0084150	.0053125
Stddev	.0010207	.0008557	.0000833
%RSD	9.823505	10.16813	1.568598

#1	.0112758	.0093709	.0053739
#2	.0092739	.0081532	.0052177
#3	.0106204	.0077208	.0053460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.280	90872.85	14598.17	3080.997	4596.530
Stddev	2.702	51.47	5.79	8.071	4.343
%RSD	.0871741	.0566346	.0396320	.2619660	.0944872

#1	3096.406	90836.93	14602.24	3075.523	4593.376
#2	3101.767	90931.81	14600.72	3090.267	4601.484
#3	3099.668	90849.81	14591.54	3077.203	4594.730

Sample Name: PB146092BL Acquired: 07/13/2022 12:04:50 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS092 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009512	-.005697	.0010275	-.001034	-.002290	-.001046	-.000060
Stddev	.002485	.002929	.0006599	.004989	.004636	.007872	.000090
%RSD	26.12416	51.41924	64.22536	482.6438	202.4509	752.3793	149.0588

#1	-.009364	-.002614	.0011528	.004033	-.006466	-.002066	.000043
#2	-.007104	-.008443	.0003139	-.005940	.002698	.007286	-.000118
#3	-.012068	-.006033	.0016157	-.001193	-.003101	-.008358	-.000105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000128	-.000009	-.024031	.0009667	-.000075	.0057748	-.006045
Stddev	.0000157	.000034	.004789	.0001127	.000346	.0003116	.005834
%RSD	122.0432	361.9707	19.92958	11.65686	463.2525	5.396087	96.50605

#1	-.000005	.000007	-.018706	.0008835	.000178	.0058521	-.003415
#2	.000025	-.000049	-.027987	.0009216	-.000469	.0060406	-.012732
#3	.000018	.000014	-.025400	.0010950	.000067	.0054319	-.001989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000211	-.009201	-.001521	.0005187	-.344515	-.000169	-.000097
Stddev	.000607	.004229	.000698	.0003859	.030883	.003941	.003109
%RSD	287.2793	45.96820	45.88975	74.40714	8.964259	2332.606	3212.145

#1	-.000903	-.004326	-.002182	.0003600	-.319133	.003030	.002265
#2	.000037	-.011388	-.000791	.0002374	-.378899	.001035	.001063
#3	.000232	-.011889	-.001589	.0009586	-.335513	-.004571	-.003619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.244235	-.003220	-.005263	.0001730	-.001247	-.015142	-.001001
Stddev	.054371	.001328	.000906	.0003853	.003406	.000804	.000789
%RSD	22.26187	41.23314	17.22360	222.7589	273.2491	5.307316	78.81293

#1	-.188578	-.002023	-.005028	-.000059	-.005093	-.014467	-.000100
#2	-.297222	-.004648	-.006264	.000618	.001387	-.014929	-.001567
#3	-.246905	-.002988	-.004497	-.000040	-.000034	-.016031	-.001335

Sample Name: PB146092BL Acquired: 07/13/2022 12:04:50 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016396	.0001430	.0000319
Stddev	.0004632	.0002594	.0000991
%RSD	28.24873	181.4085	310.6130

#1	.0016461	.0003398	.0000457
#2	.0011733	.0002403	.0001234
#3	.0020995	-.000151	-.000073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.000	91058.02	14709.78	3054.483	4628.770
Stddev	5.217	38.20	109.11	18.127	10.981
%RSD	.1682353	.0419519	.7417651	.5934523	.2372402

#1	3106.426	91094.86	14640.43	3036.057	4635.053
#2	3100.552	91060.61	14835.55	3055.099	4635.166
#3	3096.021	91018.59	14653.35	3072.295	4616.090

Sample Name: PB146093BL Acquired: 07/13/2022 12:13:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003523	-.000037	-.000424	-.001544	-.002690	.0020555	-.000707
Stddev	.003396	.001172	.001664	.002728	.000746	.0055861	.000176
%RSD	96.40445	3195.315	392.1121	176.6740	27.74765	271.7632	24.88822

#1	-.001708	.000198	.000772	-.002287	-.002669	-.003443	-.000667
#2	-.001420	.001000	.000280	.001478	-.001954	.007726	-.000555
#3	-.007440	-.001308	-.002325	-.003825	-.003447	.001884	-.000900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000508	-.000081	-.011557	.0002528	-.000398	.0047205	-.014113
Stddev	.0000684	.000083	.004248	.0004883	.000255	.0048610	.009803
%RSD	134.7401	103.0238	36.75647	193.1516	64.16356	102.9750	69.45878

#1	.0001263	-.000111	-.009846	.0004454	-.000178	.0015811	-.003672
#2	-.000007	-.000144	-.008431	-.000302	-.000678	.0103197	-.015547
#3	.000033	.000013	-.016393	.000615	-.000337	.0022607	-.023120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004352	.0139853	-.001465	.0004792	-.312812	-.000699	-.003714
Stddev	.0004939	.0092327	.000380	.0000960	.107250	.001009	.003824
%RSD	113.4869	66.01712	25.97020	20.02736	34.28567	144.4450	102.9542

#1	-.000012	.0033543	-.001768	.0003791	-.322534	-.000353	-.000790
#2	.000966	.0186091	-.001588	.0004882	-.201033	-.001836	-.002311
#3	.000352	.0199924	-.001038	.0005704	-.414870	.000092	-.008042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.286399	-.000648	-.005929	.0000403	-.000347	-.015747	-.002307
Stddev	.041304	.002905	.000650	.0000601	.005870	.000588	.002149
%RSD	14.42188	448.5052	10.96615	149.0235	1690.481	3.732126	93.17072

#1	-.329473	-.001168	-.006399	-.000018	-.006800	-.015199	-.003081
#2	-.282595	.002482	-.006200	.000102	.001085	-.016367	.000122
#3	-.247128	-.003257	-.005187	.000038	.004674	-.015674	-.003962

Sample Name: PB146093BL Acquired: 07/13/2022 12:13:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004265	.0005618	.0001047
Stddev	.0012605	.0006409	.0000064
%RSD	295.5710	114.0836	6.064078

#1	-.000673	.0009847	.0001120
#2	.001802	.0008763	.0001011
#3	.000150	-.000176	.0001009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.419	90874.30	14724.84	3079.965	4641.063
Stddev	2.201	209.41	57.36	27.319	5.126
%RSD	.0709490	.2304396	.3895765	.8870049	.1104430

#1	3102.853	90943.73	14781.22	3100.229	4643.243
#2	3104.372	91040.18	14666.54	3090.771	4644.739
#3	3100.034	90638.99	14726.77	3048.896	4635.208

Sample Name: PB146093BS Acquired: 07/13/2022 12:17:19 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS093 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168979	.0495408	.0212947	.0775306	.1284593	.3983089	.4071032
Stddev	.0042825	.0023651	.0023084	.0010193	.0030458	.0064890	.0010169
%RSD	25.34358	4.773975	10.84007	1.314645	2.371023	1.629142	.2497904

#1	.0212833	.0522212	.0208271	.0777739	.1310047	.4035649	.4071942
#2	.0166841	.0477478	.0192559	.0764117	.1250848	.4003058	.4080715
#3	.0127263	.0486533	.0238010	.0784061	.1292883	.3910562	.4060438

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103128	.0107534	10.48833	.0220688	.1013165	.0549607	.2015112
Stddev	.0001983	.0001235	.01923	.0004944	.0002779	.0005072	.0058042
%RSD	1.922570	1.148825	.1833690	2.240076	.2743231	.9227450	2.880354

#1	.0103398	.0107938	10.46999	.0221486	.1014969	.0553535	.1948779
#2	.0101024	.0108516	10.50835	.0215393	.1014561	.0543882	.2039978
#3	.0104962	.0106147	10.48664	.0225183	.1009964	.0551404	.2056578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319441	10.06861	.0830574	.0212070	9.527513	.1044823	.1218005
Stddev	.0002330	.04059	.0004312	.0003944	.308463	.0006995	.0004657
%RSD	.7293151	.4031242	.5191965	1.859933	3.237600	.6695132	.3823537

#1	.0317401	10.09074	.0834590	.0208018	9.852784	.1052059	.1212723
#2	.0318941	10.02177	.0826017	.0212295	9.239186	.1038096	.1221522
#3	.0321979	10.09334	.0831116	.0215897	9.490569	.1044313	.1219769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.086854	.0203678	.0153314	.0228676	.1874634	.1753337	.0117430
Stddev	.140352	.0024644	.0001583	.0000683	.0050804	.0003869	.0002747
%RSD	1.544562	12.09966	1.032449	.2986039	2.710088	.2206716	2.339222

#1	9.152269	.0231985	.0154656	.0229438	.1926652	.1749555	.0119735
#2	8.925735	.0186997	.0153719	.0228469	.1825138	.1753167	.0118165
#3	9.182557	.0192052	.0151568	.0228120	.1872113	.1757288	.0114391

Sample Name: PB146093BS Acquired: 07/13/2022 12:17:19 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS093 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2034997	.0316760	.2041275
Stddev	.0016509	.0017667	.0022777
%RSD	.8112376	5.577373	1.115838

#1	.2037849	.0337008	.2061531
#2	.2049894	.0304481	.2016619
#3	.2017249	.0308791	.2045676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.259	91056.76	14768.81	3060.480	4674.937
Stddev	5.965	353.35	67.55	17.102	11.864
%RSD	.1928344	.3880493	.4573817	.5587889	.2537725

#1	3086.892	91023.08	14748.04	3048.420	4661.637
#2	3098.717	90721.47	14844.31	3052.968	4684.428
#3	3094.169	91425.75	14714.09	3080.052	4678.748

Sample Name: PB146092BS Acquired: 07/13/2022 12:53:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201183	.0503489	.0219907	.0829285	.1307897	.4151925	.4219958
Stddev	.0046746	.0018231	.0021797	.0033731	.0036948	.0050492	.0008809
%RSD	23.23530	3.620878	9.912090	4.067437	2.824997	1.216107	.2087397

#1	.0192732	.0513633	.0230643	.0849939	.1265233	.4102479	.4211190
#2	.0159240	.0482443	.0194824	.0847555	.1329255	.4149893	.4219878
#3	.0251578	.0514392	.0234254	.0790360	.1329202	.4203402	.4228807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106059	.0111462	10.83951	.0226919	.1040712	.0586889	.1995329
Stddev	.0000403	.0000945	.02321	.0000436	.0003949	.0033966	.0033279
%RSD	.3803035	.8481924	.2140983	.1921818	.3794353	5.787450	1.667867

#1	.0105748	.0110442	10.81420	.0226461	.1036329	.0549334	.2031203
#2	.0105916	.0112309	10.84452	.0227329	.1043993	.0615459	.1989320
#3	.0106515	.0111633	10.85980	.0226968	.1041813	.0595875	.1965463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328169	10.30097	.0862802	.0220466	9.789348	.1110852	.1249295
Stddev	.0003260	.08564	.0011824	.0003679	.077895	.0035038	.0008208
%RSD	.9934806	.8313695	1.370401	1.668546	.7957069	3.154149	.6569900

#1	.0326830	10.20946	.0871925	.0216773	9.834328	.1143779	.1245370
#2	.0325792	10.31427	.0849444	.0220496	9.834313	.1114747	.1243788
#3	.0331886	10.37919	.0867037	.0224130	9.699403	.1074029	.1258729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.521110	.0183335	.0153502	.0227677	.1969582	.1790618	.0110540
Stddev	.039608	.0035321	.0012453	.0006129	.0054077	.0015209	.0009283
%RSD	.4160022	19.26558	8.112654	2.692006	2.745618	.8493597	8.398314

#1	9.475461	.0194145	.0160238	.0228455	.1933889	.1778201	.0107182
#2	9.546358	.0143873	.0139131	.0233380	.1943058	.1786071	.0121035
#3	9.541512	.0211987	.0161135	.0221196	.2031801	.1807582	.0103403

Sample Name: PB146092BS Acquired: 07/13/2022 12:53:27 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2107785	.0318120	.2126941
Stddev	.0010061	.0017665	.0003775
%RSD	.4773464	5.553013	.1774728

#1	.2119174	.0316714	.2122607
#2	.2104081	.0301200	.2128709
#3	.2100101	.0336446	.2129507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.471	90711.05	14737.54	3036.485	4653.097
Stddev	2.034	92.99	55.45	7.061	5.606
%RSD	.0660335	.1025176	.3762645	.2325461	.1204716

#1	3079.403	90619.99	14797.09	3028.334	4646.641
#2	3082.817	90805.87	14728.16	3040.751	4656.733
#3	3079.193	90707.29	14687.38	3040.370	4655.916

Sample Name: CCV005 Acquired: 07/13/2022 12:57:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.181364	5.181691	26.07638	5.040898	5.304943	401.6981	10.63290
Stddev	.020537	.014759	.06211	.005722	.012488	2.7498	.06876
%RSD	.3963644	.2848372	.2381779	.1135128	.2354010	.6845323	.6466566

#1	5.159034	5.167618	26.06118	5.040915	5.318224	398.7070	10.55849
#2	5.185613	5.180403	26.02328	5.035168	5.293438	402.2709	10.64613
#3	5.199444	5.197052	26.14467	5.046612	5.303168	404.1162	10.69408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4879833	2.547506	402.6335	15.81966	2.588609	15.06400	401.1215
Stddev	.0016165	.003700	1.5113	.01808	.006548	.08256	1.8537
%RSD	.3312681	.1452560	.3753441	.1143078	.2529381	.5480841	.4621292

#1	.4894032	2.547284	400.9843	15.80060	2.589724	14.97147	399.0141
#2	.4883228	2.543921	402.9640	15.82180	2.581575	15.09039	401.8503
#3	.4862240	2.551312	403.9522	15.83658	2.594527	15.13014	402.5000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06964	396.7984	2.644894	1.342243	397.9582	2.522542	15.97719
Stddev	.05800	1.9406	.003952	.001412	3.2478	.016959	.15142
%RSD	.3848688	.4890578	.1494046	.1051957	.8161071	.6722910	.9477375

#1	15.01096	394.5583	2.645924	1.342067	394.5668	2.503008	15.80236
#2	15.07104	397.8718	2.640529	1.343735	398.2677	2.531124	16.06668
#3	15.12693	397.9651	2.648228	1.340928	401.0401	2.533495	16.06253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.6797	5.456206	4.855081	5.190900	5.362672	4.832389	5.300887
Stddev	.3626	.027155	.016455	.009822	.005327	.021944	.005212
%RSD	.2375011	.4976976	.3389249	.1892220	.0993364	.4540951	.0983199

#1	152.2793	5.453525	4.859042	5.191458	5.368065	4.852903	5.305439
#2	152.9860	5.430491	4.869194	5.180811	5.357413	4.835012	5.295201
#3	152.7737	5.484603	4.837007	5.200432	5.362537	4.809251	5.302020

Sample Name: CCV005 Acquired: 07/13/2022 12:57:34 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.026751	5.366749	4.761273
Stddev	.035456	.020228	.023209
%RSD	.7053424	.3769202	.4874501

#1	4.991074	5.343398	4.775915
#2	5.027198	5.377941	4.734514
#3	5.061981	5.378907	4.773391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.546	82378.96	14250.08	2656.799	3773.520
Stddev	1.644	228.44	37.40	14.906	2.151
%RSD	.0614870	.2773016	.2624484	.5610585	.0569957

#1	2672.221	82638.03	14249.22	2671.922	3773.582
#2	2675.386	82206.45	14213.12	2642.119	3775.638
#3	2673.032	82292.39	14287.90	2656.356	3771.338

Sample Name: CCB005 Acquired: 07/13/2022 13:05:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008898	-.003065	.0007251	.0016024	-.002724	.0085988	-.000496
Stddev	.002636	.002087	.0003775	.0029952	.000352	.0066993	.000033
%RSD	29.62615	68.07377	52.06290	186.9173	12.91707	77.91003	6.611727

#1	-.011904	-.000692	.0009770	-.000545	-.002808	.0062055	-.000460
#2	-.006979	-.003893	.0002910	.005024	-.002338	.0161661	-.000505
#3	-.007811	-.004611	.0009072	.000329	-.003026	.0034248	-.000524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000007	-.004635	.0008914	.0001696	.0079231	.0065719
Stddev	.000061	.000127	.026698	.0006094	.0003933	.0026134	.0049168
%RSD	254.1075	1722.631	576.0163	68.36804	231.8590	32.98494	74.81566

#1	-.000004	-.000102	-.034691	.0015545	-.000196	.0080792	.0081928
#2	-.000093	.000137	.016330	.0003558	.000586	.0052352	.0010493
#3	.000025	-.000057	.004456	.0007639	.000119	.0104551	.0104736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009742	.0244209	-.001209	.0006165	-.266236	-.003052	-.001519
Stddev	.0006170	.0157057	.000244	.0002445	.299774	.002633	.001887
%RSD	63.33466	64.31255	20.20323	39.65570	112.5972	86.26902	124.2519

#1	.0012120	.0421294	-.001490	.0005849	-.294665	-.000665	-.000308
#2	.0014368	.0189545	-.001089	.0008753	-.550782	-.002616	-.003694
#3	.0002737	.0121789	-.001048	.0003894	.046740	-.005876	-.000556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.202008	-.007728	-.001134	.0005883	-.008145	-.014617	-.000589
Stddev	.082741	.005956	.000893	.0002511	.003109	.000652	.001913
%RSD	40.95927	77.06695	78.75905	42.68697	38.17323	4.460102	324.9557

#1	-.107077	-.000851	-.000702	.0002986	-.005932	-.015126	-.002161
#2	-.240143	-.011115	-.002161	.0007442	-.011699	-.014844	.001542
#3	-.258805	-.011219	-.000539	.0007221	-.006803	-.013882	-.001147

Sample Name: CCB005 Acquired: 07/13/2022 13:05:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v82) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000147	.0006354	.0001538
Stddev	.001245	.0013273	.0000896
%RSD	845.1389	208.8842	58.24806

#1	-.001399	.0016842	.0002478
#2	-.000133	-.000857	.0001443
#3	.001090	.001079	.0000694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3068.027	90550.11	14544.06	3041.540	4579.415
Stddev	5.237	149.21	17.83	9.334	4.781
%RSD	.1706914	.1647784	.1226134	.3068713	.1044057

#1	3066.142	90382.44	14561.63	3042.399	4578.187
#2	3063.993	90668.27	14525.97	3031.806	4575.368
#3	3073.945	90599.61	14544.57	3050.414	4584.691