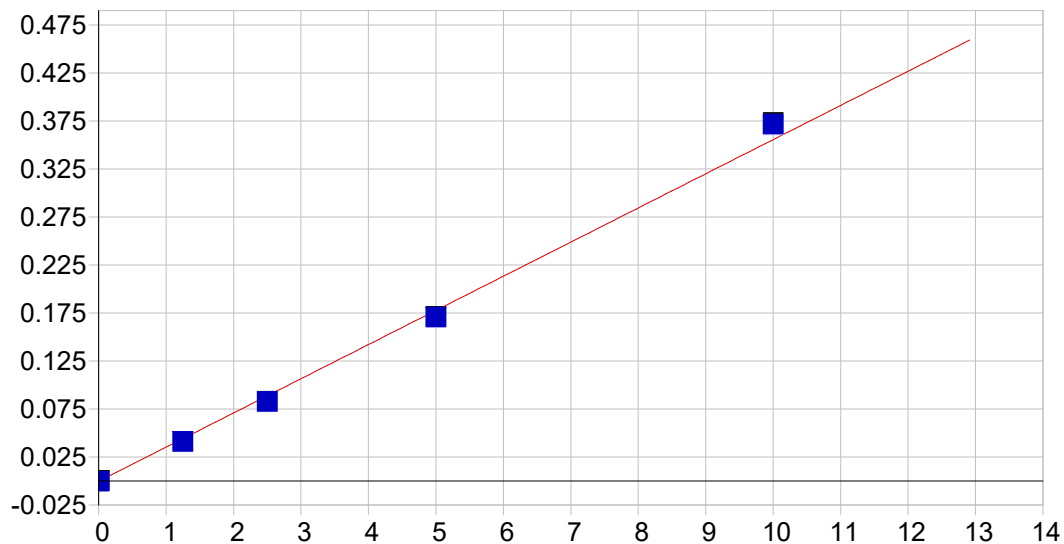


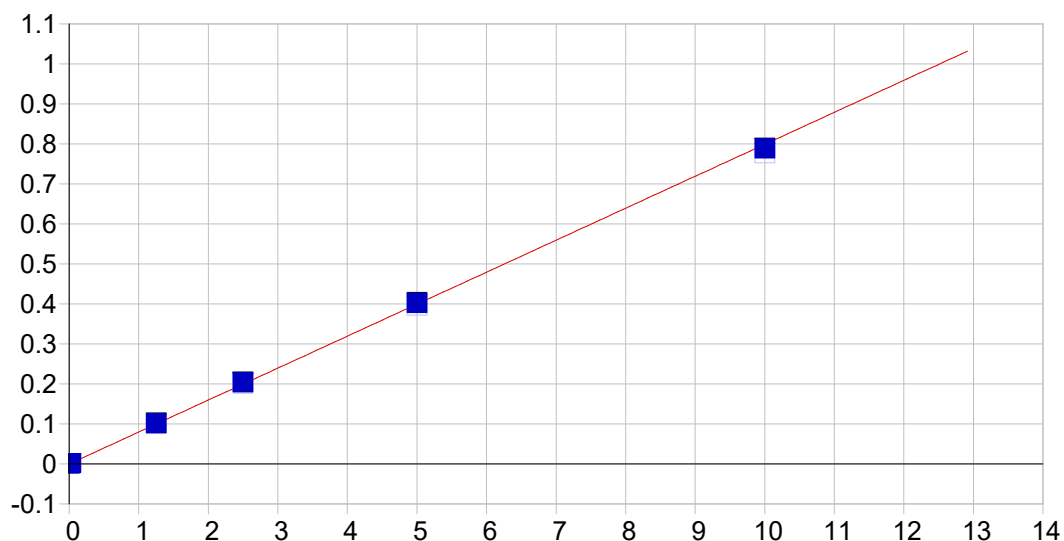


As 189.042 {479}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000274	Re-Slope:	1.000000
A1 (Gain):	0.035587	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998747	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.007419		
Predicted MQL:	0.024730		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.01000	.01200	.002	20.0	.00015	.000	1
S2	1.2500	1.1578	-.092	-7.37	.04079	.000	1
S3	2.5000	2.3293	-.171	-6.83	.08234	.000	1
S4	5.0000	4.8077	-.192	-3.85	.17026	.000	1
S5	10.000	10.453	.453	4.53	.37060	.002	1

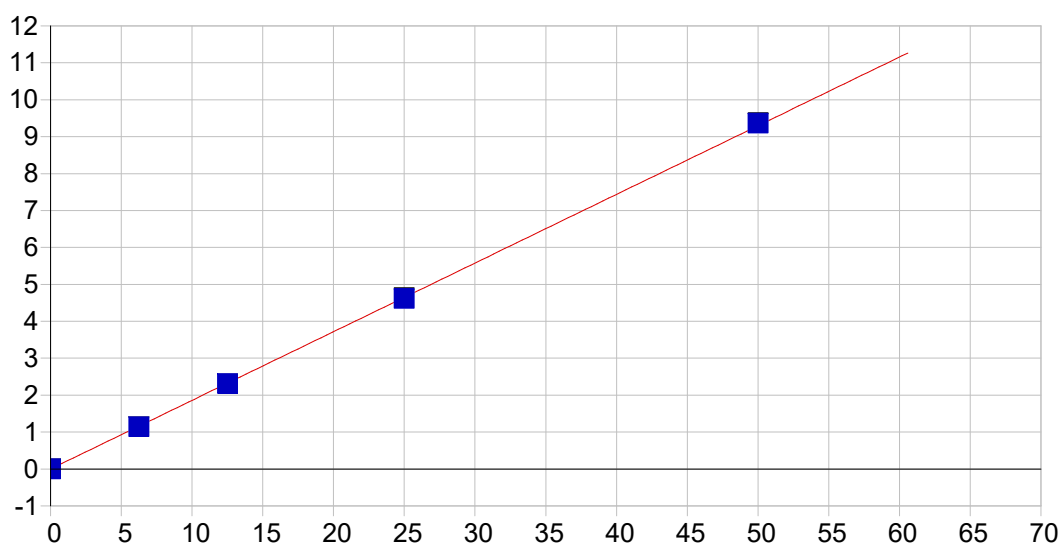


TI 190.856 {477}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000224	Re-Slope:	1.000000
A1 (Gain):	0.079921	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.002966		
Predicted MQL:	0.009885		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.02500	.02849	.003	14.0	.00198	.000	1
S2	1.2500	1.2787	.029	2.29	.10042	.000	1
S3	2.5000	2.5583	.058	2.33	.20115	.000	1
S4	5.0000	5.0342	.034	.683	.39593	.002	1
S5	10.000	9.8754	-.125	-1.25	.77666	.000	1

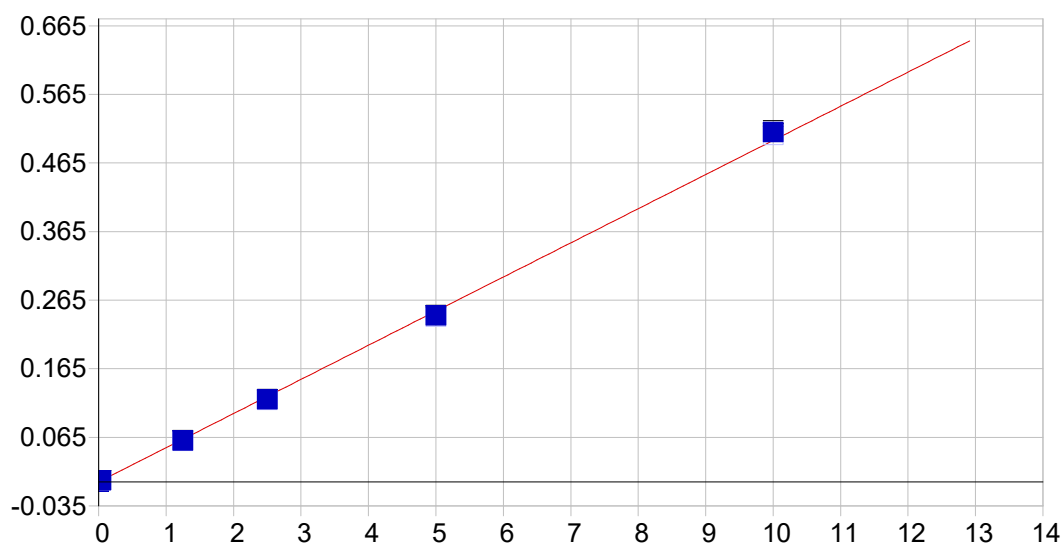


Pb 220.353 {453}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000446 Re-Slope: 1.000000
 A1 (Gain): 0.185937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.002522
 Predicted MQL: 0.008406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.01000	.01094	.001	9.39	.00158	.000	1
S2	6.2500	6.1413	-.109	-1.74	1.1406	.001	1
S3	12.500	12.424	-.076	-.609	2.3080	.001	1
S4	25.000	24.832	-.168	-.673	4.6135	.016	1
S5	50.000	50.352	.352	.704	9.3554	.009	1

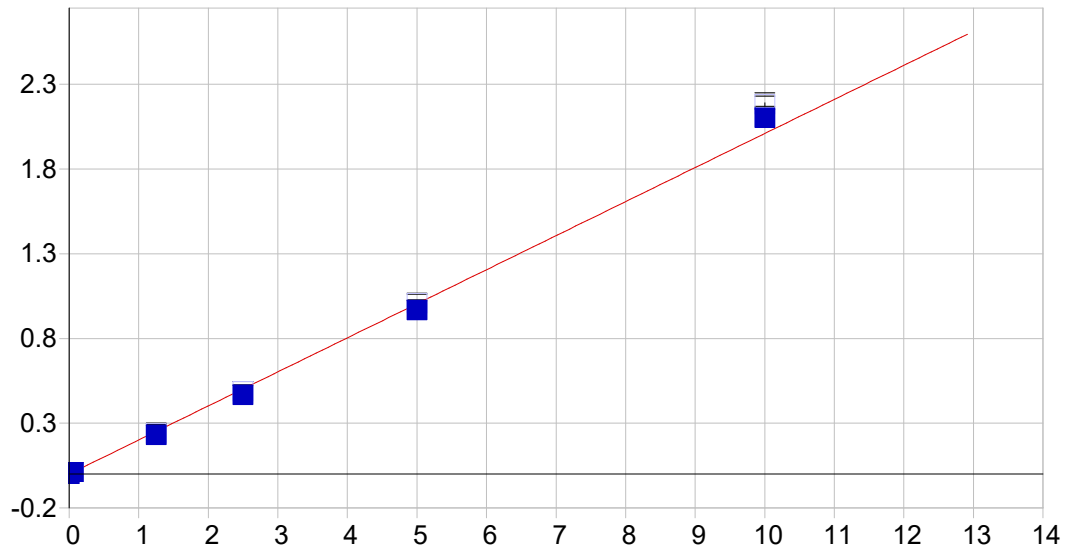


Se 196.090 {472}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000070 Re-Slope: 1.000000
 A1 (Gain): 0.049791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999612 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.006418
 Predicted MQL: 0.021394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.03500	.04090	.006	16.9	.00211	.000	1
S2	1.2500	1.2080	-.042	-3.36	.05968	.000	1
S3	2.5000	2.4174	-.083	-3.31	.11935	.000	1
S4	5.0000	4.8735	-.127	-2.53	.24056	.001	1
S5	10.000	10.245	.245	2.45	.50585	.002	1

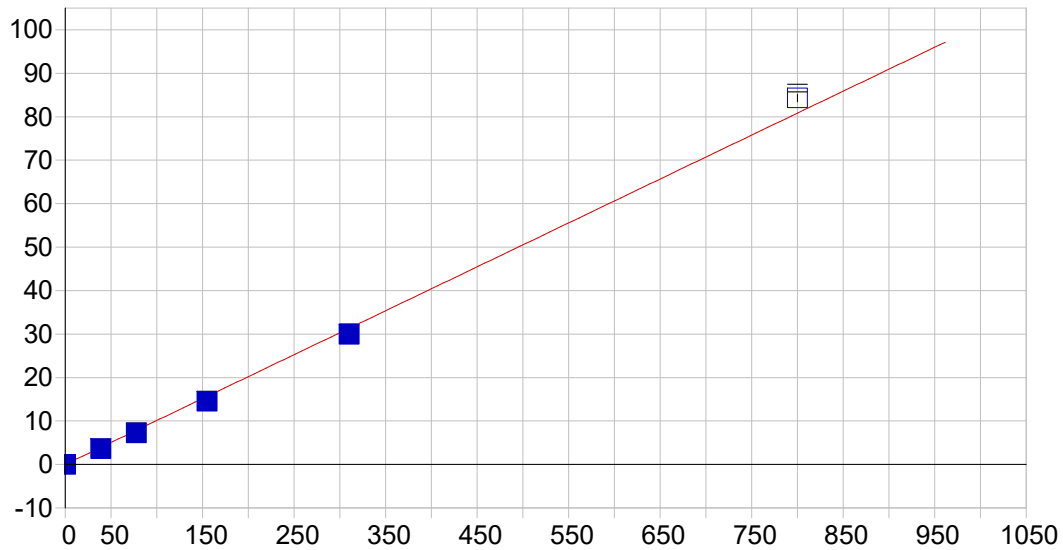


Sb 206.833 {463}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000027	Re-Slope:	1.000000
A1 (Gain):	0.200977	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998801	Status:	OK.
Std Error of Est:	0.000421		
Predicted MDL:	0.002274		
Predicted MQL:	0.007581		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00003	.000	1
S1	.06000	.05921	-.001	-1.32	.01188	.000	1
S2	1.2500	1.1487	-.101	-8.10	.24075	.001	1
S3	2.5000	2.3264	-.174	-6.95	.48733	.000	1
S4	5.0000	4.8122	-.188	-3.76	1.0067	.003	1
S5	10.000	10.463	.463	4.63	2.1821	.009	1

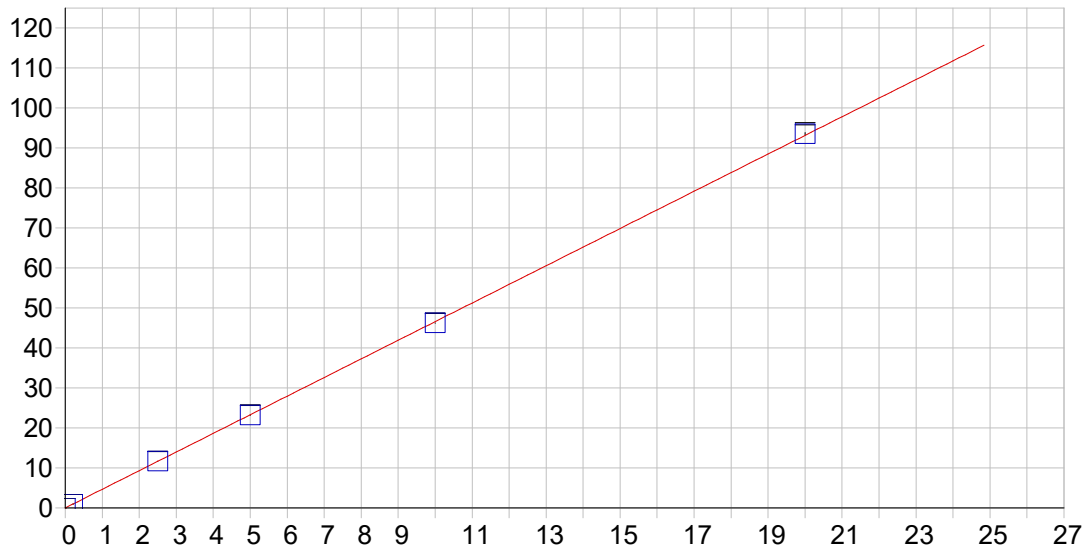


AI 396.152 { 85}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001782 Re-Slope: 1.000000
 A1 (Gain): 0.101037 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998661 Status: OK.
 Std Error of Est: 0.003255
 Predicted MDL: 0.008910
 Predicted MQL: 0.029700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00178	.000	1
S1	.20000	.19688	-.003	-1.56	.01814	.001	1
S2	38.750	35.561	-3.19	-8.23	3.5955	.004	1
S3	77.500	71.218	-6.28	-8.11	7.2024	.010	1
S4	155.00	143.62	-11.4	-7.34	14.526	.016	1
S5	310.00	296.28	-13.7	-4.43	29.967	.067	1
S6	800.00	834.61	34.6	4.33	84.325	.861	1

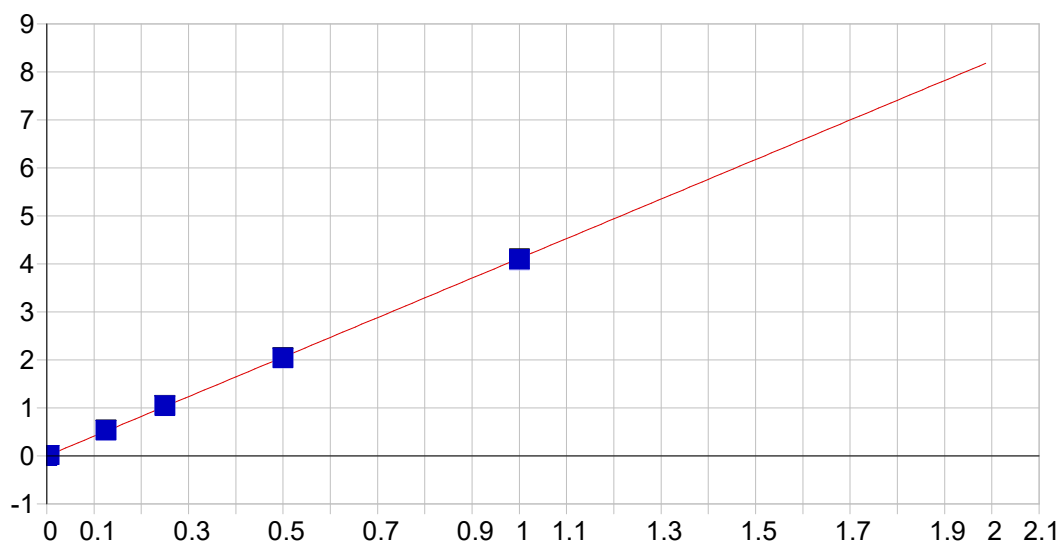


Ba 493.409 { 68}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004311	Re-Slope:	1.000000
A1 (Gain):	4.657972	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.002730		
Predicted MDL:	0.000411		
Predicted MQL:	0.001370		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00430	.001	1
S1	.20000	.20433	.004	2.17	.95609	.006	1
S2	2.5000	2.5026	.003	.103	11.661	.056	1
S3	5.0000	4.9853	-.015	-.295	23.226	.099	1
S4	10.000	9.9208	-.079	-.792	46.215	.050	1
S5	20.000	20.087	.087	.435	93.569	.293	1

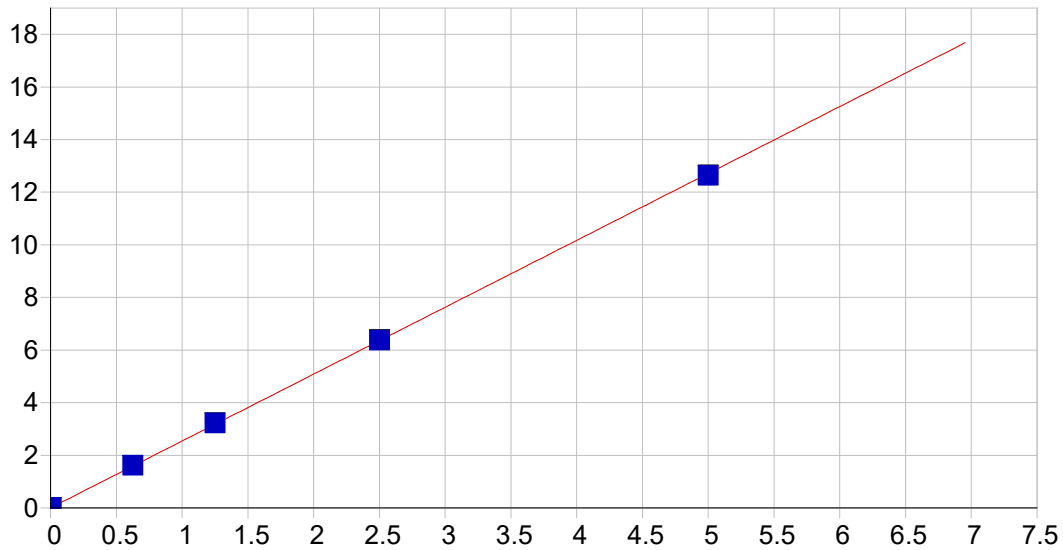


Be 234.861 {144}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000582	Re-Slope:	1.000000
A1 (Gain):	4.116524	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000216		
Predicted MDL:	0.000103		
Predicted MQL:	0.000344		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.00500	.00539	.000	7.74	.02158	.000	1
S2	.12500	.13004	.005	4.03	.53235	.003	1
S3	.25000	.25421	.004	1.69	1.0412	.006	1
S4	.50000	.49600	-.004	-.800	2.0318	.005	1
S5	1.0000	.99436	-.006	-.564	4.0739	.015	1

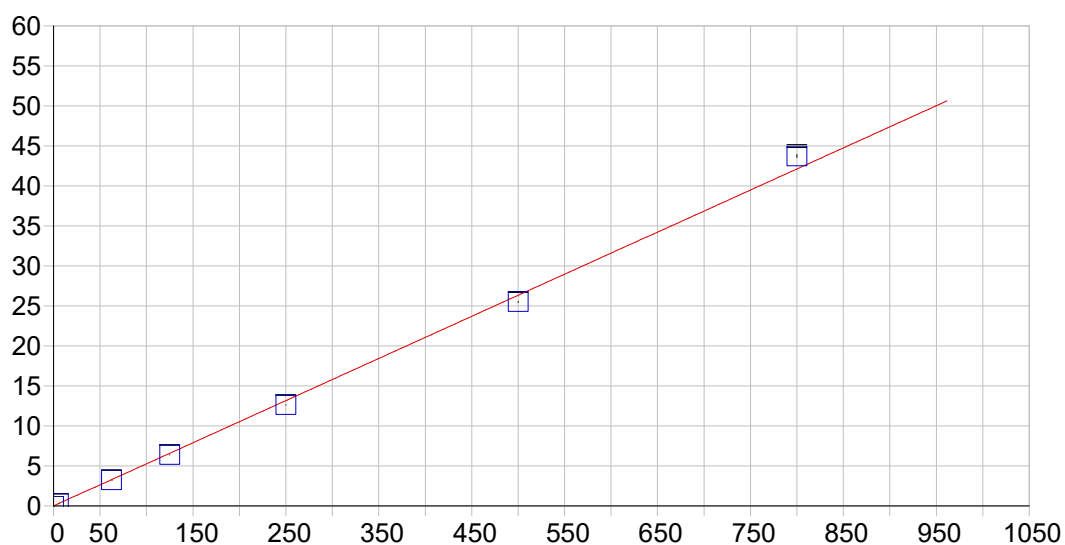


Cd 214.438 {457}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000360 Re-Slope: 1.000000
 A1 (Gain): 2.542751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.000129
 Predicted MQL: 0.000430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.00500	.00546	.000	9.27	.01429	.000	1
S2	.62500	.63384	.009	1.41	1.6126	.004	1
S3	1.2500	1.2681	.018	1.45	3.2259	.005	1
S4	2.5000	2.5044	.004	.177	6.3706	.026	1
S5	5.0000	4.9682	-.032	-.636	12.637	.013	1

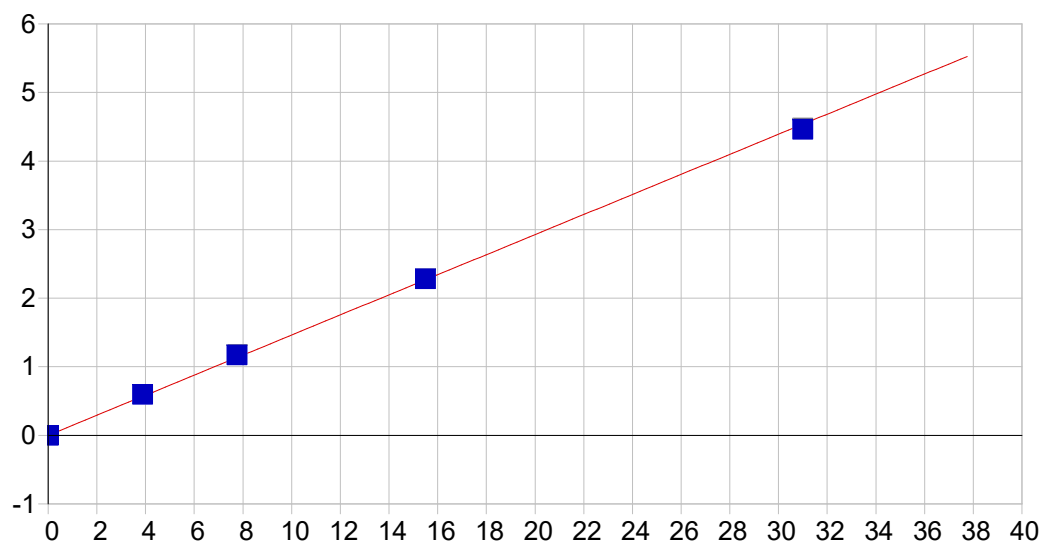


Ca 373.690 { 90}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001414 Re-Slope: 1.000000
 A1 (Gain): 0.052652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999364 Status: OK.
 Std Error of Est: 0.006555
 Predicted MDL: 0.013362
 Predicted MQL: 0.044541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	.00142	.000	1
S1	5.0000	5.2401	.240	4.80	.27732	.001	1
S2	62.500	61.389	-1.11	-1.78	3.2337	.009	1
S3	125.00	121.18	-3.82	-3.05	6.3820	.019	1
S4	250.00	239.68	-10.3	-4.13	12.621	.012	1
S5	500.00	484.50	-15.5	-3.10	25.511	.058	1
S6	800.00	830.50	30.5	3.81	43.729	.182	1

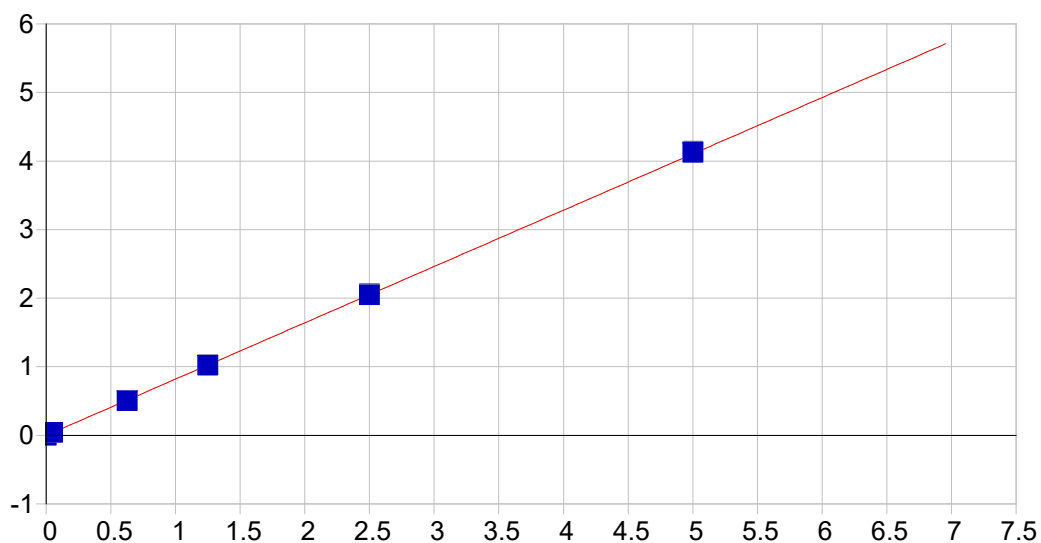


Cr 267.716 {126}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.146370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.000562
 Predicted MQL: 0.001875

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01102	.001	10.2	.00161	.000	1
S2	3.8750	4.0647	.190	4.90	.59593	.001	1
S3	7.7500	8.0039	.254	3.28	1.1735	.001	1
S4	15.500	15.575	.075	.481	2.2836	.001	1
S5	31.000	30.481	-.519	-1.67	4.4694	.009	1

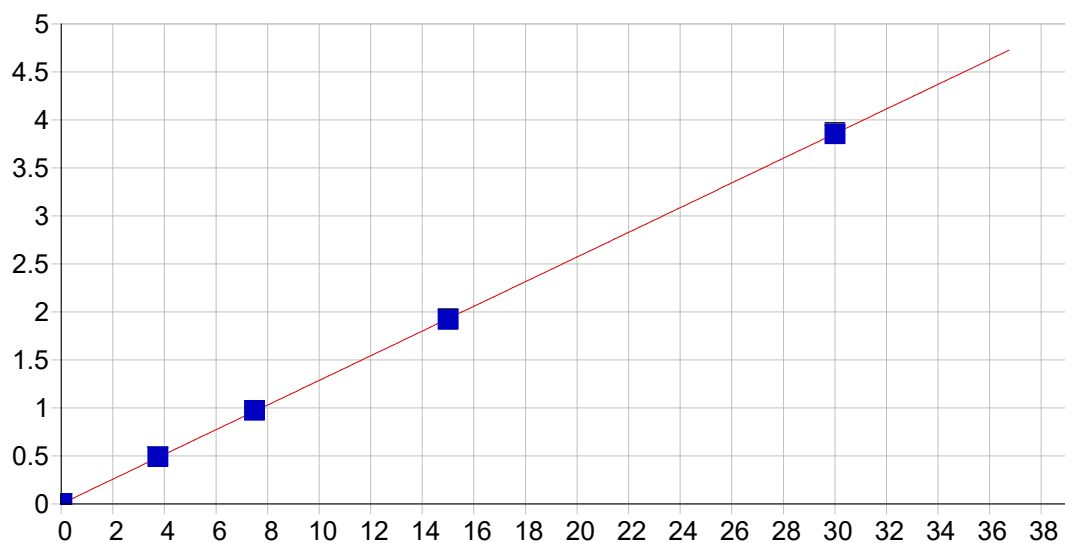


Co 228.616 {448}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000856 Re-Slope: 1.000000
 A1 (Gain): 0.821080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000400
 Predicted MQL: 0.001333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.05000	.05079	.001	1.58	.04098	.001	1
S2	.62500	.61503	-.010	-1.60	.50579	.002	1
S3	1.2500	1.2430	-.007	-.559	1.0231	.002	1
S4	2.5000	2.4946	-.005	-.214	2.0541	.008	1
S5	5.0000	5.0215	.022	.430	4.1354	.008	1

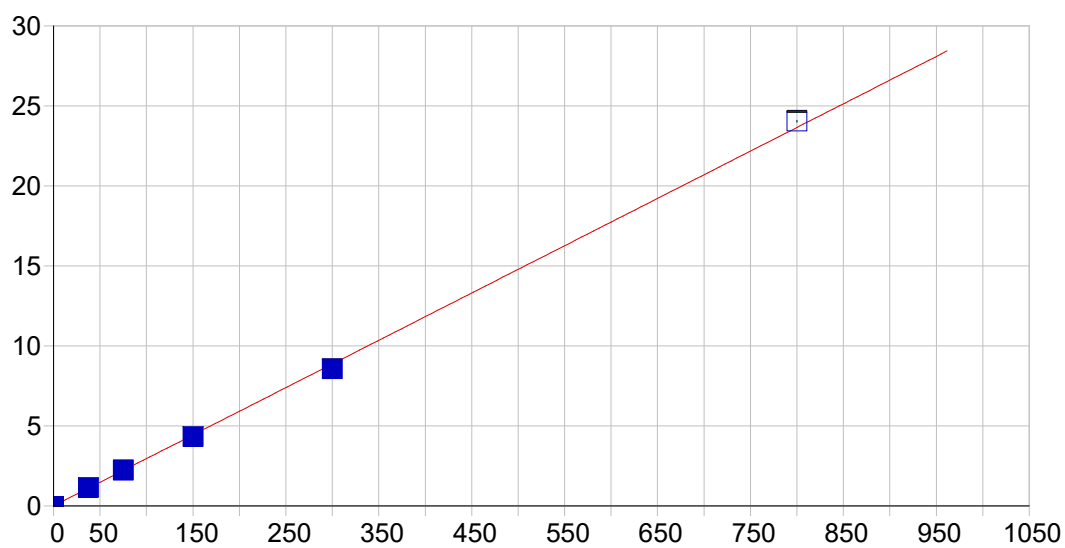


Cu 324.754 {104}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001082	Re-Slope:	1.000000
A1 (Gain):	0.128534	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.003229		
Predicted MQL:	0.010762		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00108	.000	1
S1	.02500	.02890	.004	15.6	.00479	.000	1
S2	3.7500	3.7940	.044	1.17	.48869	.001	1
S3	7.5000	7.5521	.052	.695	.97168	.002	1
S4	15.000	14.931	-.069	-.457	1.9201	.005	1
S5	30.000	29.969	-.031	-.105	3.8526	.012	1

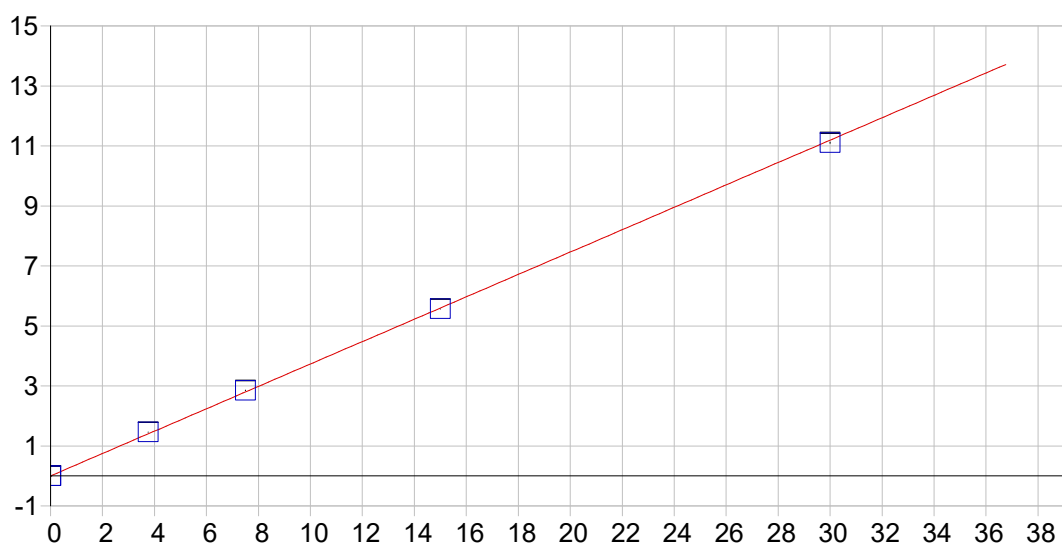


Fe 259.837 {130}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.029567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.000291
 Predicted MDL: 0.008664
 Predicted MQL: 0.028880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.10000	.10441	.004	4.41	.00327	.000	1
S2	37.500	38.412	.912	2.43	1.1361	.004	1
S3	75.000	75.143	.143	.190	2.2224	.011	1
S4	150.00	146.32	-3.68	-2.46	4.3273	.004	1
S5	300.00	289.51	-10.5	-3.50	8.5620	.009	1
S6	800.00	813.12	13.1	1.64	24.042	.066	1

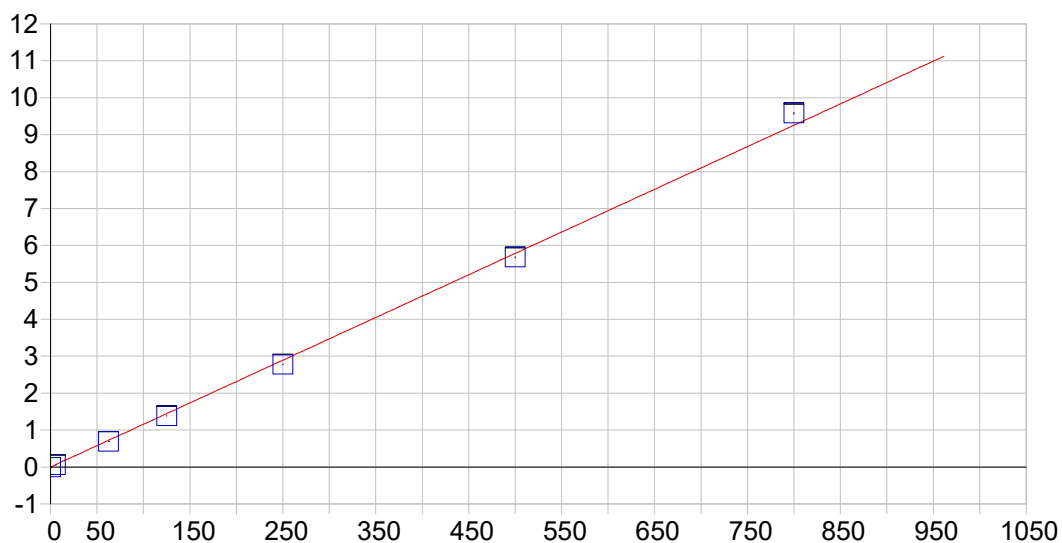


Mn 257.610 {131}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.373085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000202
 Predicted MDL: 0.000611
 Predicted MQL: 0.002036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01500	.01206	-.003	-19.6	.00435	.000	1
S2	3.7500	3.9176	.168	4.47	1.4615	.005	1
S3	7.5000	7.6436	.144	1.91	2.8516	.013	1
S4	15.000	14.921	-.079	-.526	5.5667	.007	1
S5	30.000	29.771	-.229	-.765	11.107	.020	1

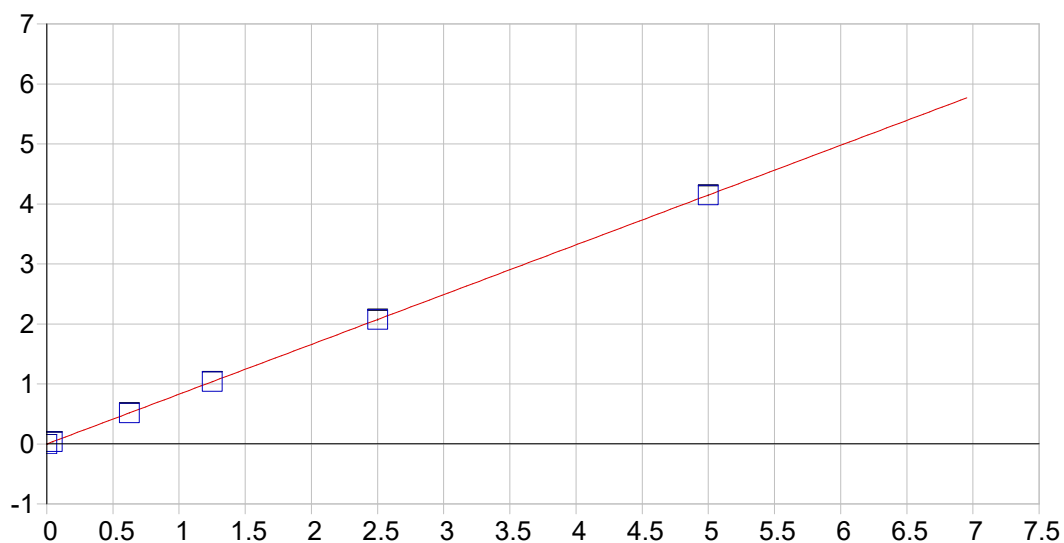


Mg 279.079 {121}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.011569 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999446 Status: OK.
 Std Error of Est: 0.001345
 Predicted MDL: 0.026148
 Predicted MQL: 0.087160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00074	.001	.000	.00007	.000	1
S1	5.0000	4.8328	-.167	-3.34	.05598	.000	1
S2	62.500	59.564	-2.94	-4.70	.68918	.002	1
S3	125.00	119.50	-5.50	-4.40	1.3826	.005	1
S4	250.00	239.93	-10.1	-4.03	2.7760	.009	1
S5	500.00	490.79	-9.21	-1.84	5.6782	.012	1
S6	800.00	827.88	27.9	3.49	9.5783	.025	1

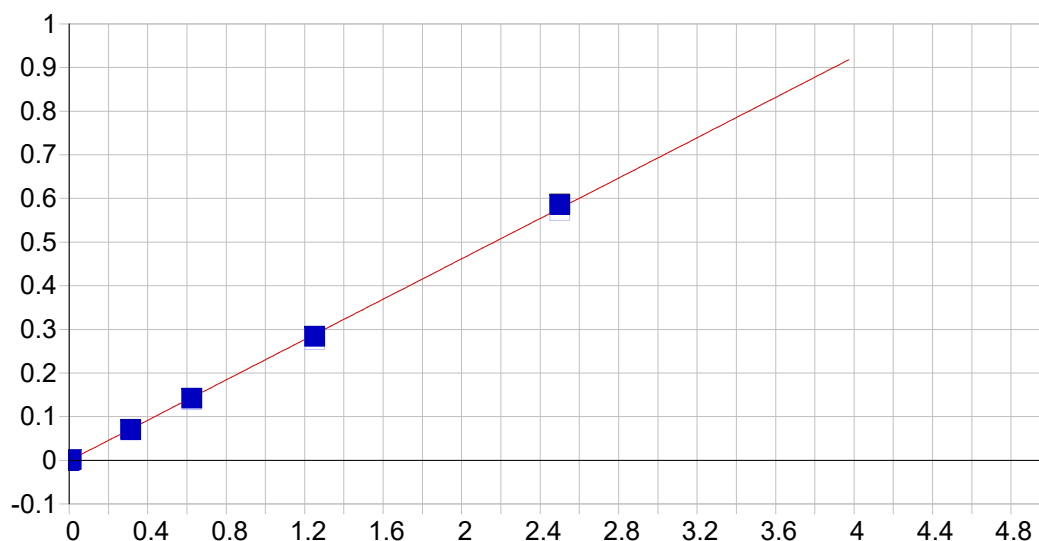


Ni 231.604 {446}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001269	Re-Slope:	1.000000
A1 (Gain):	0.829725	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.000511		
Predicted MQL:	0.001703		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00127	.000	1
S1	.04000	.04145	.001	3.62	.03312	.001	1
S2	.62500	.62464	-.000	-.058	.51701	.001	1
S3	1.2500	1.2537	.004	.294	1.0389	.002	1
S4	2.5000	2.4985	-.002	-.062	2.0718	.009	1
S5	5.0000	4.9968	-.003	-.064	4.1447	.009	1

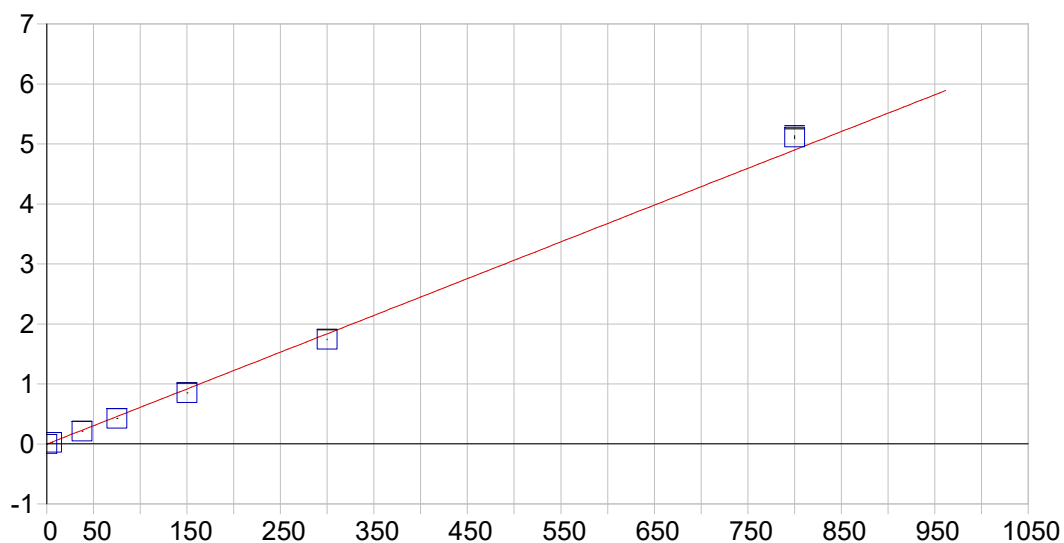


Ag 328.068 {103}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000748	Re-Slope:	1.000000
A1 (Gain):	0.231222	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.000533		
Predicted MQL:	0.001776		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00075	.000	1
S1	.01000	.00984	-.000	-1.64	.00152	.000	1
S2	.31250	.30630	-.006	-1.98	.06834	.000	1
S3	.62500	.61593	-.009	-1.45	.13820	.000	1
S4	1.2500	1.2281	-.022	-1.75	.27628	.001	1
S5	2.5000	2.5373	.037	1.49	.57207	.001	1

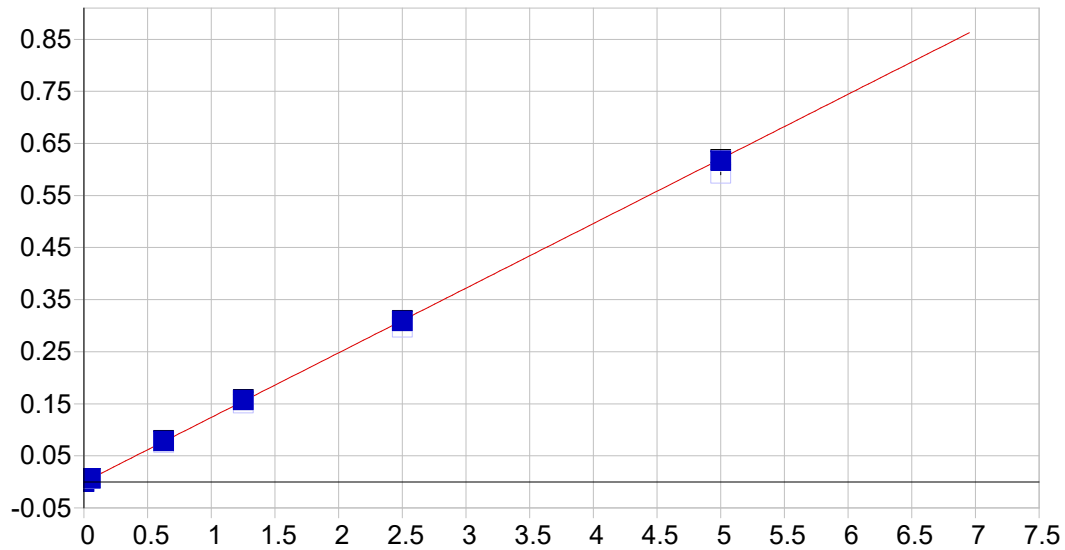


Na 818.326 { 41}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002980	Re-Slope:	1.000000
A1 (Gain):	0.006127	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998667	Status:	OK.
Std Error of Est:	0.000979		
Predicted MDL:	0.242582		
Predicted MQL:	0.808608		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00135	.001	.000	-.00297	.001	1
S1	5.0000	4.7489	-.251	-5.02	.02612	.000	1
S2	37.500	34.917	-2.58	-6.89	.21097	.002	1
S3	75.000	69.761	-5.24	-6.98	.42448	.002	1
S4	150.00	139.08	-10.9	-7.28	.84919	.001	1
S5	300.00	284.44	-15.6	-5.19	1.7399	.006	1
S6	800.00	834.56	34.6	4.32	5.1107	.026	1

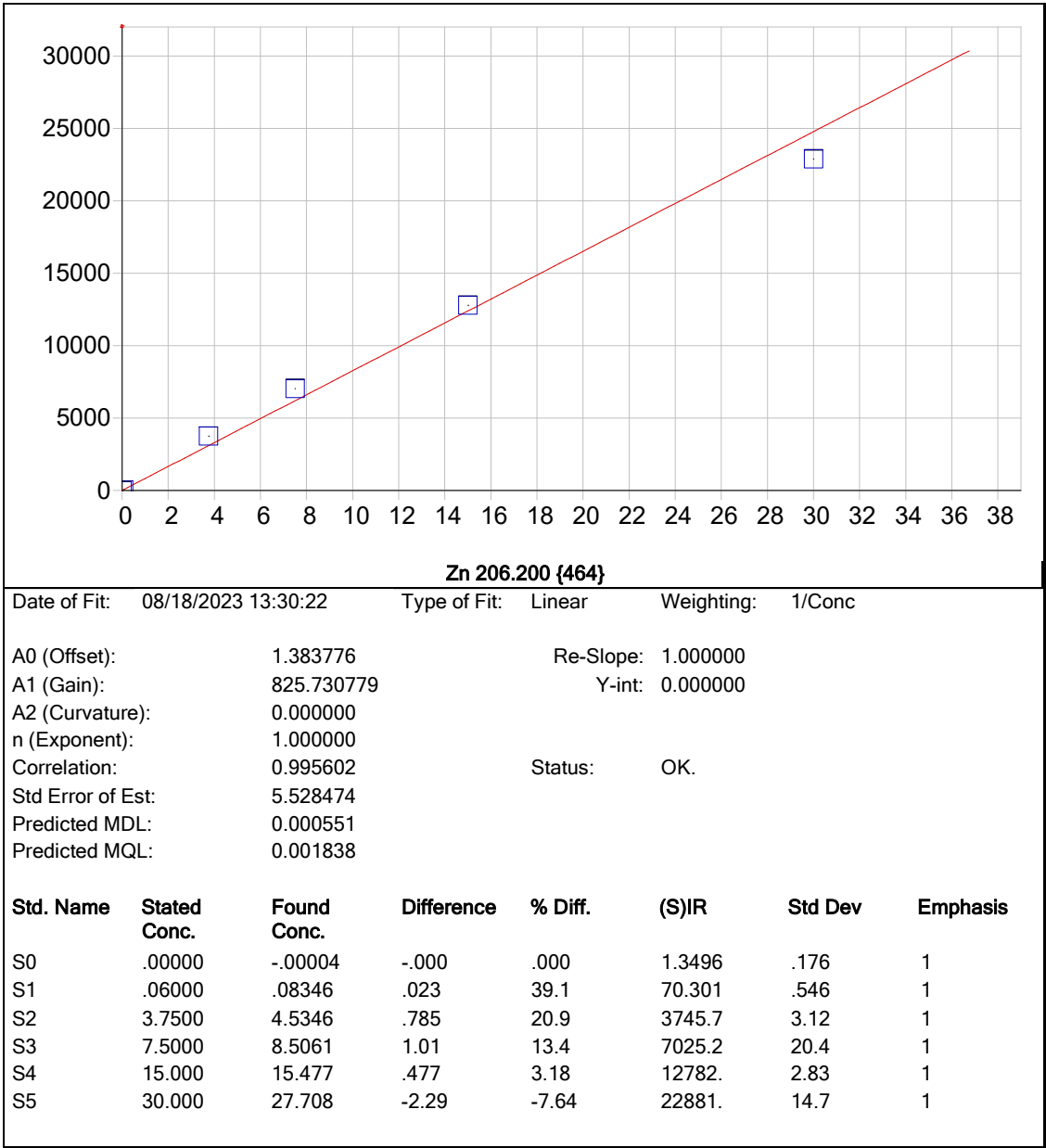


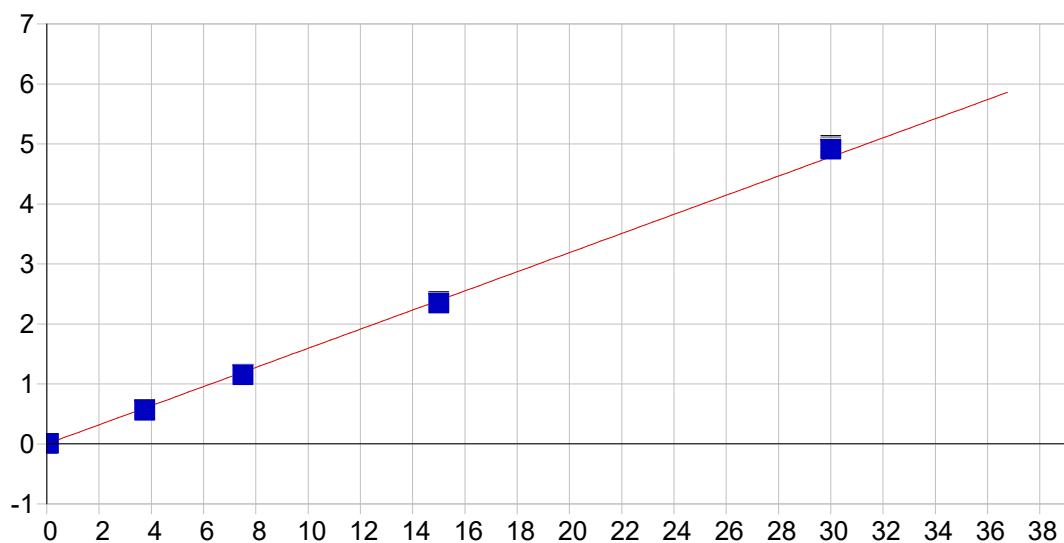
V 292.402 {115}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000379	Re-Slope:	1.000000
A1 (Gain):	0.124136	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.002868		
Predicted MQL:	0.009562		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.05000	.05339	.003	6.78	.00623	.000	1
S2	.62500	.63686	.012	1.90	.07557	.001	1
S3	1.2500	1.2670	.017	1.36	.15068	.002	1
S4	2.5000	2.4931	-.007	-.277	.29666	.001	1
S5	5.0000	4.9745	-.025	-.509	.59226	.002	1



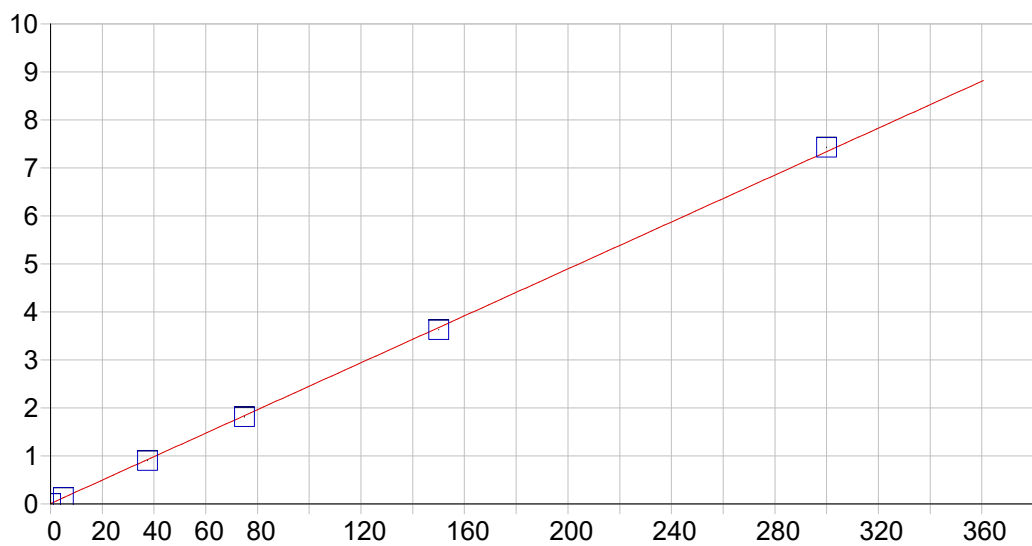


Zn 213.856 {158}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000595 Re-Slope: 1.000000
 A1 (Gain): 0.159434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999533 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.004509
 Predicted MQL: 0.015031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00059	.001	1
S1	.06000	.05897	-.001	-1.71	.00884	.000	1
S2	3.7500	3.5089	-.241	-6.43	.56177	.009	1
S3	7.5000	7.2240	-.276	-3.68	1.1570	.002	1
S4	15.000	14.709	-.291	-1.94	2.3563	.015	1
S5	30.000	30.809	.809	2.70	4.9348	.036	1

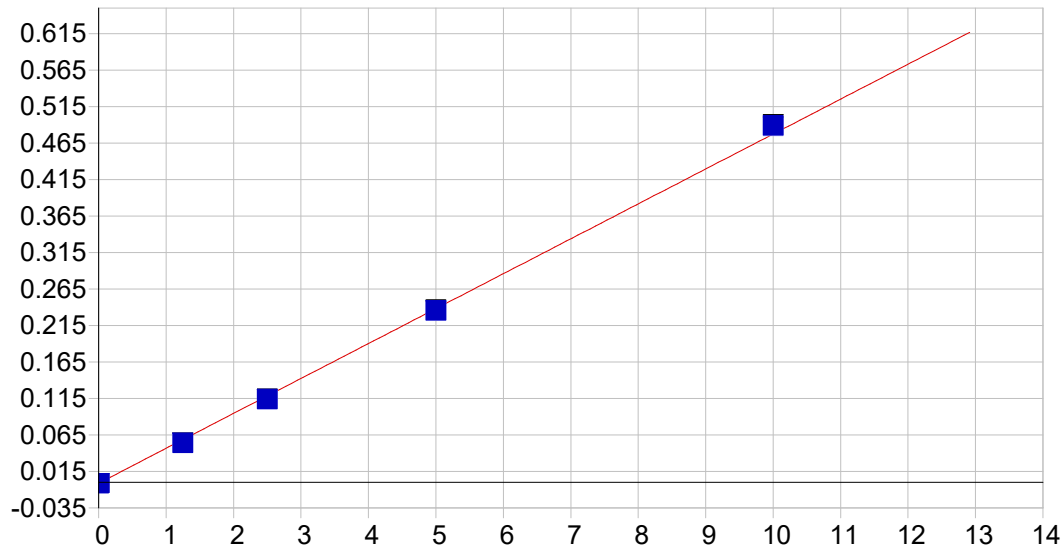


K 769.896 { 44}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007974 Re-Slope: 1.000000
 A1 (Gain): 0.024438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000686
 Predicted MDL: 0.064713
 Predicted MQL: 0.215710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00798	.000	1
S1	5.0000	5.1208	.121	2.42	.13312	.000	1
S2	37.500	36.637	-.863	-2.30	.90331	.002	1
S3	75.000	73.912	-1.09	-1.45	1.8143	.007	1
S4	150.00	148.18	-1.82	-1.21	3.6292	.003	1
S5	300.00	303.65	3.65	1.22	7.4288	.001	1

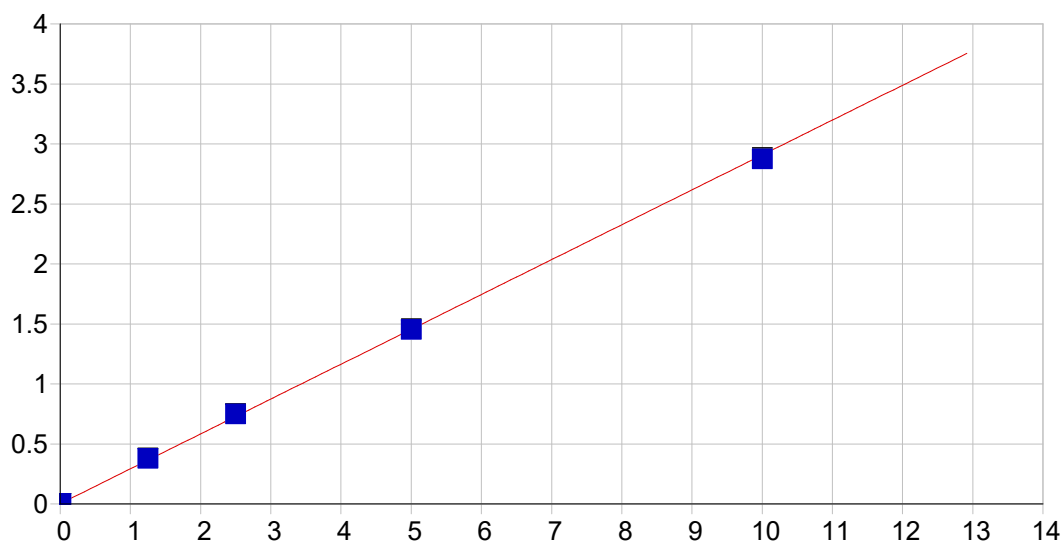


P 177.495 {490}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001186 Re-Slope: 1.000000
 A1 (Gain): 0.047853 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999541 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.004244
 Predicted MQL: 0.014146

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00119	.000	1
S1	.01000	.01067	.001	6.74	-.00067	.000	1
S2	1.2500	1.1551	-.095	-7.59	.05400	.000	1
S3	2.5000	2.4077	-.092	-3.69	.11386	.000	1
S4	5.0000	4.9437	-.056	-1.13	.23503	.001	1
S5	10.000	10.243	.243	2.43	.48827	.001	1

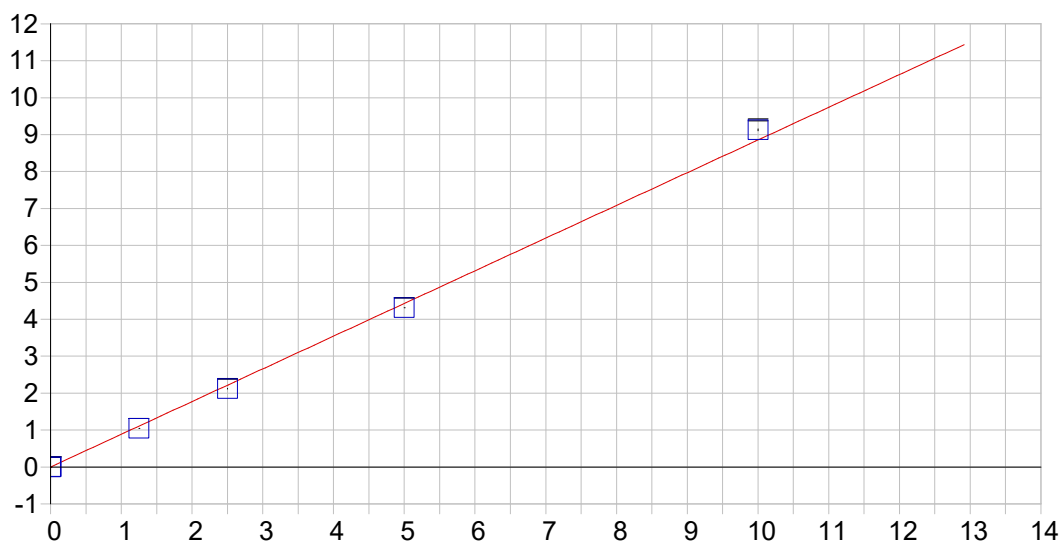


B 249.678 {135}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001883 Re-Slope: 1.000000
 A1 (Gain): 0.290562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001379
 Predicted MQL: 0.004597

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00188	.001	1
S1	.01000	.01330	.003	33.0	.00577	.000	1
S2	1.2500	1.2958	.046	3.67	.37799	.002	1
S3	2.5000	2.5698	.070	2.79	.74775	.002	1
S4	5.0000	4.9940	-.006	-.121	1.4513	.006	1
S5	10.000	9.8871	-.113	-1.13	2.8714	.011	1

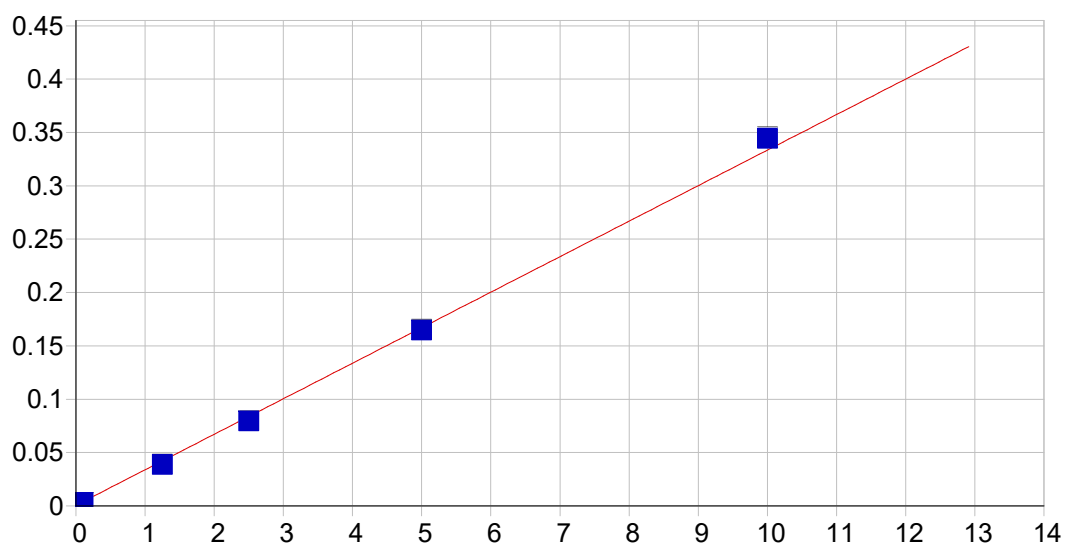


Mo 202.030 {467}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000144	Re-Slope:	1.000000
A1 (Gain):	0.885471	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999416	Status:	OK.
Std Error of Est:	0.000508		
Predicted MDL:	0.000457		
Predicted MQL:	0.001524		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.01000	.00950	-.000	-4.96	.00827	.000	1
S2	1.2500	1.1788	-.071	-5.69	1.0437	.001	1
S3	2.5000	2.3916	-.108	-4.33	2.1176	.008	1
S4	5.0000	4.8685	-.132	-2.63	4.3108	.001	1
S5	10.000	10.312	.312	3.12	9.1304	.028	1

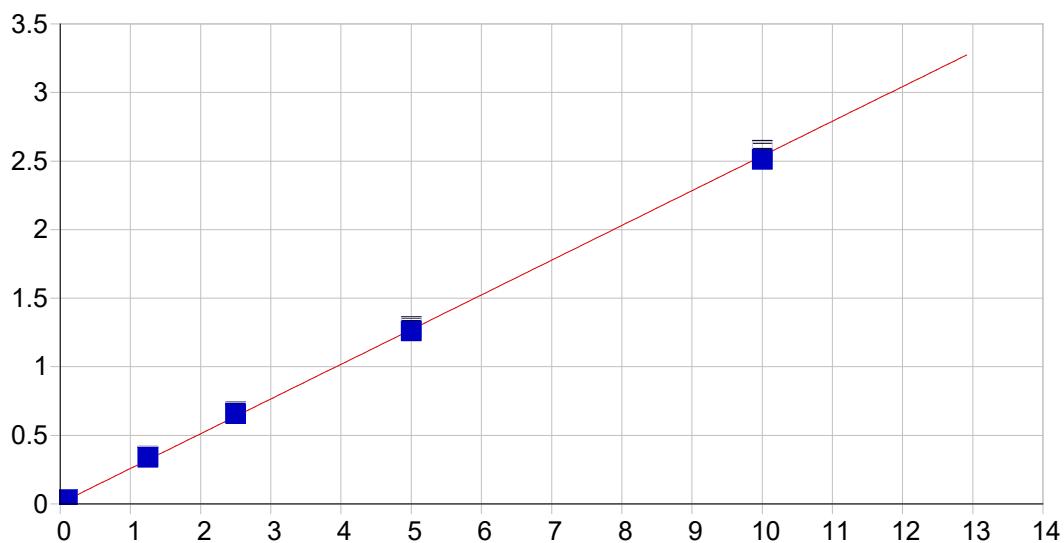


S 182.034 {485}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000592	Re-Slope:	1.000000
A1 (Gain):	0.033289	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999220	Status:	OK.
Std Error of Est:	0.000070		
Predicted MDL:	0.006477		
Predicted MQL:	0.021591		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00059	.000	1
S1	.10000	.08302	-.017	-17.0	.00336	.000	1
S2	1.2500	1.1474	-.103	-8.20	.03892	.000	1
S3	2.5000	2.3701	-.130	-5.19	.07976	.000	1
S4	5.0000	4.9257	-.074	-1.49	.16510	.000	1
S5	10.000	10.324	.324	3.24	.34533	.001	1

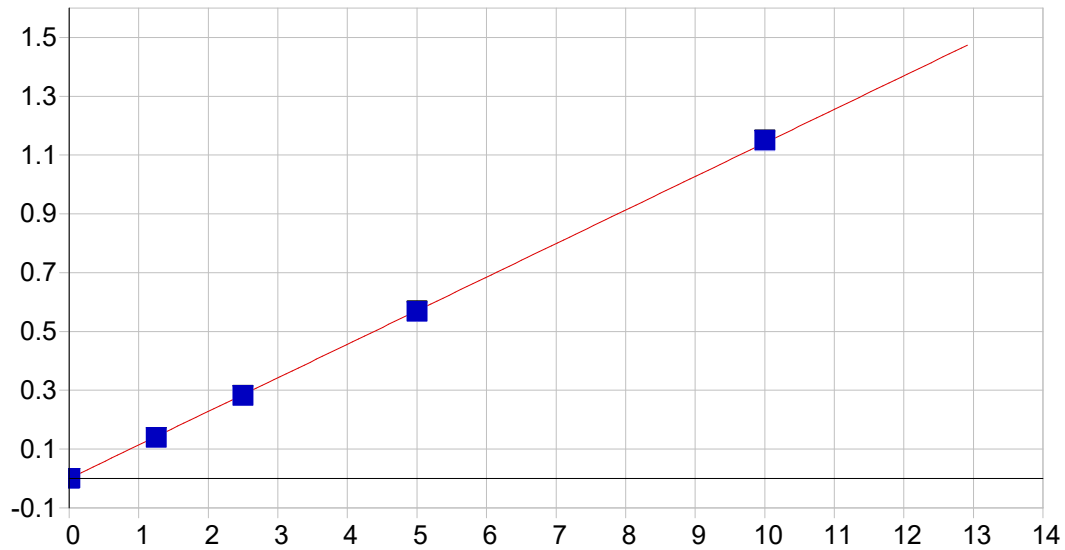


Si 251.611 {134}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005185 Re-Slope: 1.000000
 A1 (Gain): 0.253156 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000268
 Predicted MDL: 0.001527
 Predicted MQL: 0.005089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00518	.000	1
S1	.10000	.10268	.003	2.68	.03154	.000	1
S2	1.2500	1.3147	.065	5.17	.34518	.002	1
S3	2.5000	2.5807	.081	3.23	.67286	.001	1
S4	5.0000	4.9557	-.044	-.886	1.2885	.005	1
S5	10.000	9.8963	-.104	-1.04	2.5680	.010	1

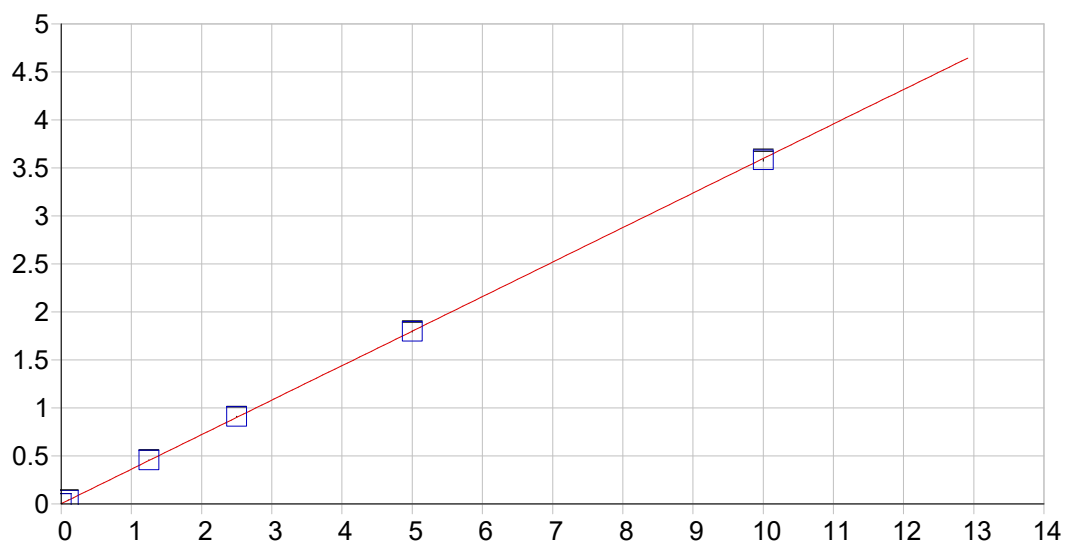


Sn 189.989 {478}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.114124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001844
 Predicted MQL: 0.006148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00700	.00715	.000	2.08	.00082	.000	1
S2	1.2500	1.2187	-.031	-2.50	.13871	.001	1
S3	2.5000	2.4727	-.027	-1.09	.28141	.001	1
S4	5.0000	4.9810	-.019	-.381	.56683	.002	1
S5	10.000	10.077	.077	.775	1.1468	.002	1

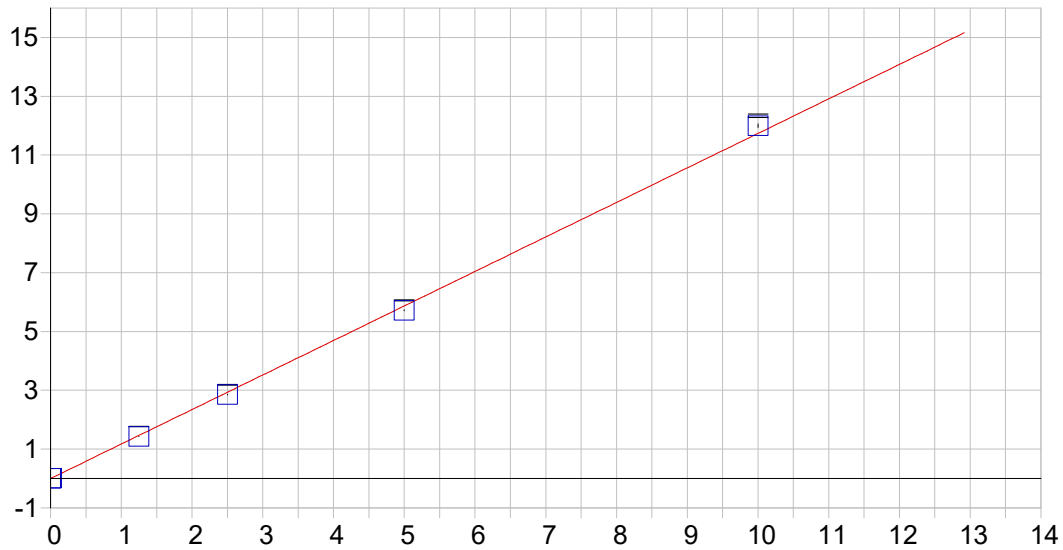


Ti 336.121 {100}

Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002230	Re-Slope:	1.000000
A1 (Gain):	0.359521	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000177		
Predicted MDL:	0.001299		
Predicted MQL:	0.004330		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00223	.000	1
S1	.10000	.10939	.009	9.39	.04156	.000	1
S2	1.2500	1.2657	.016	1.25	.45726	.002	1
S3	2.5000	2.5286	.029	1.14	.91130	.003	1
S4	5.0000	4.9902	-.010	-.196	1.7963	.006	1
S5	10.000	9.9562	-.044	-.438	3.5817	.013	1

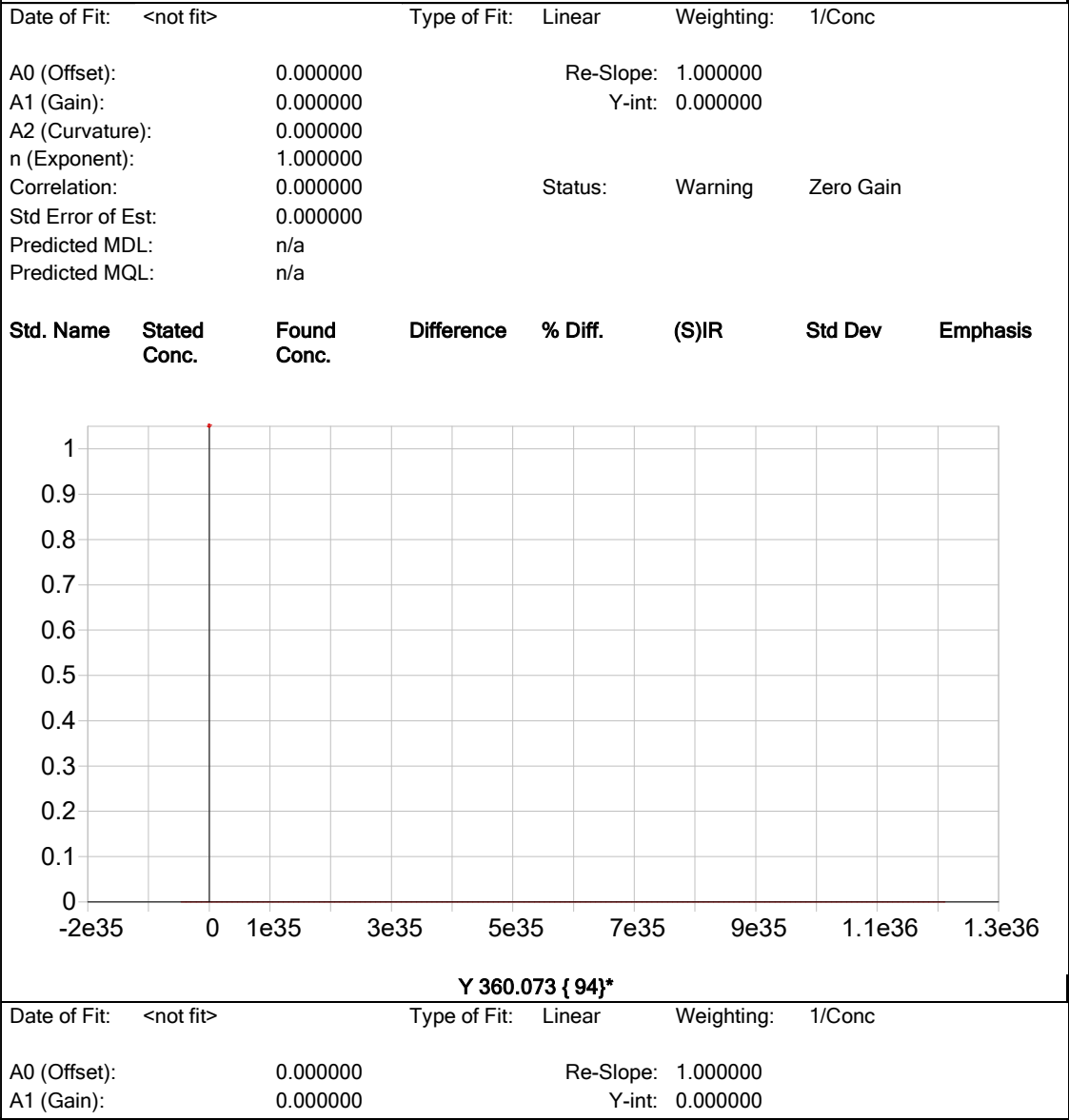
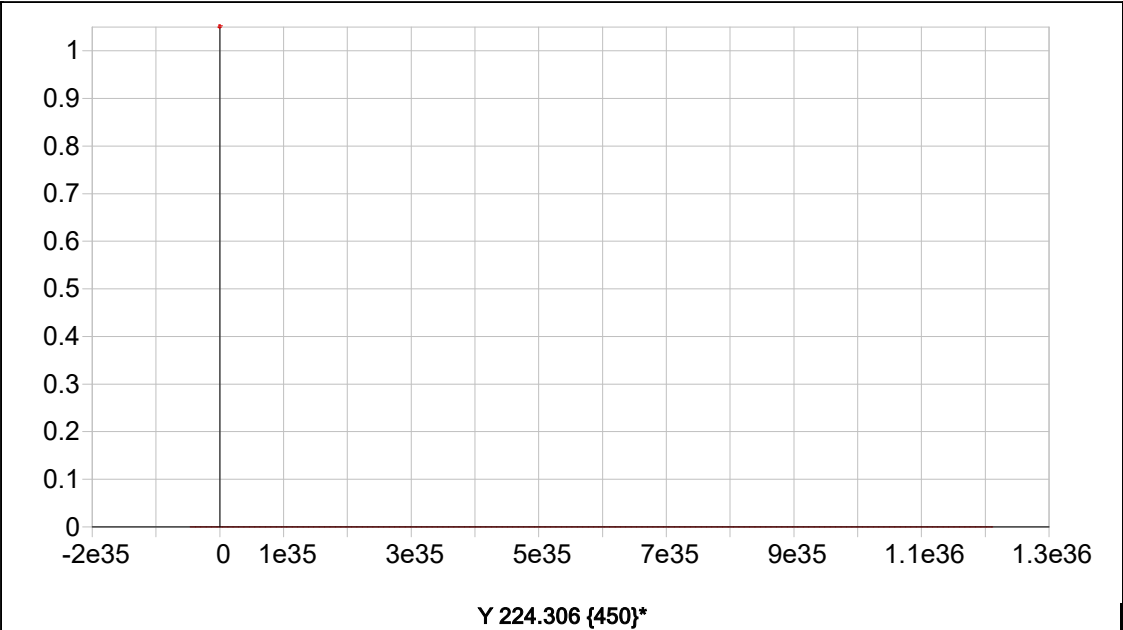


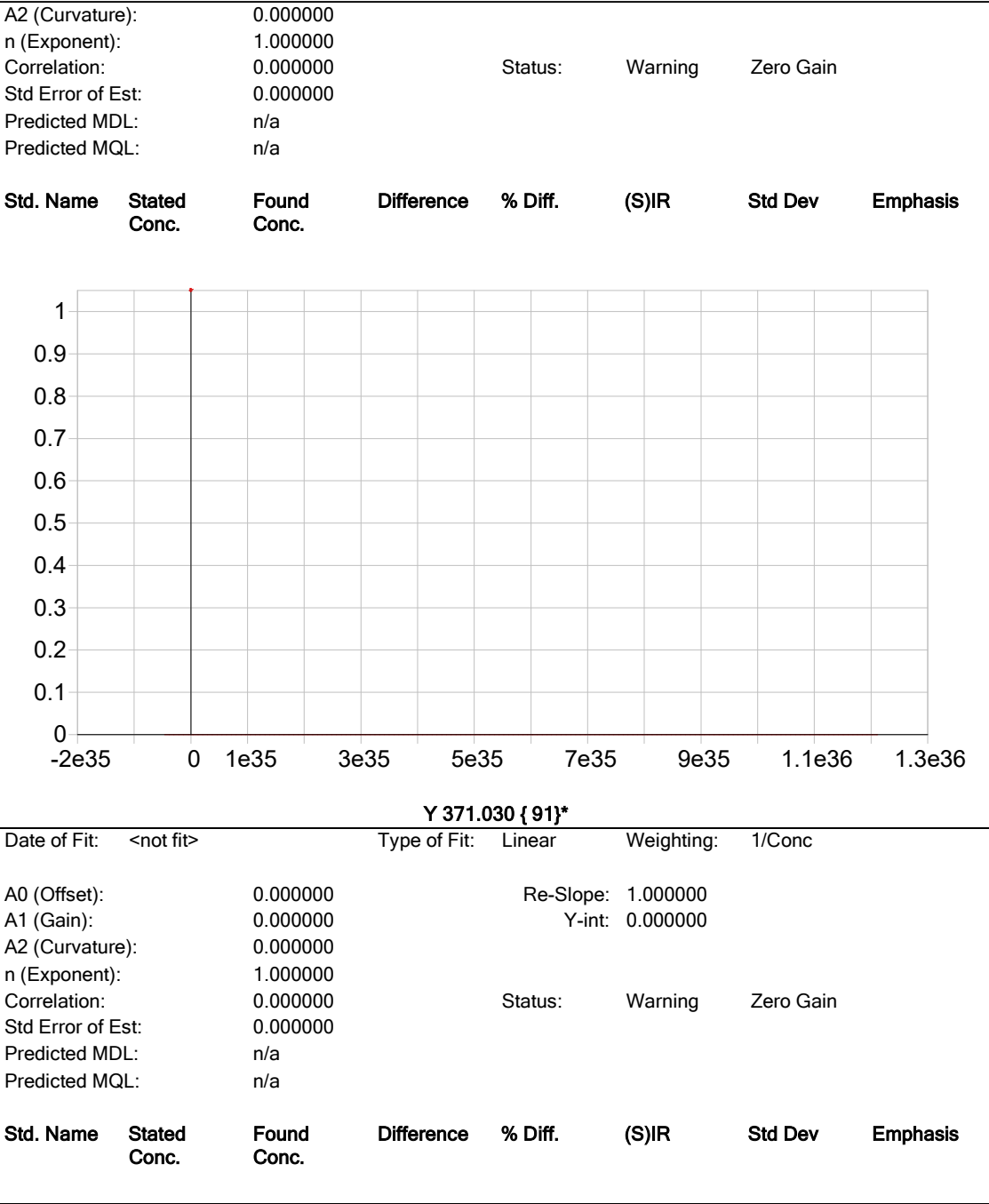
Li 670.784 { 50}

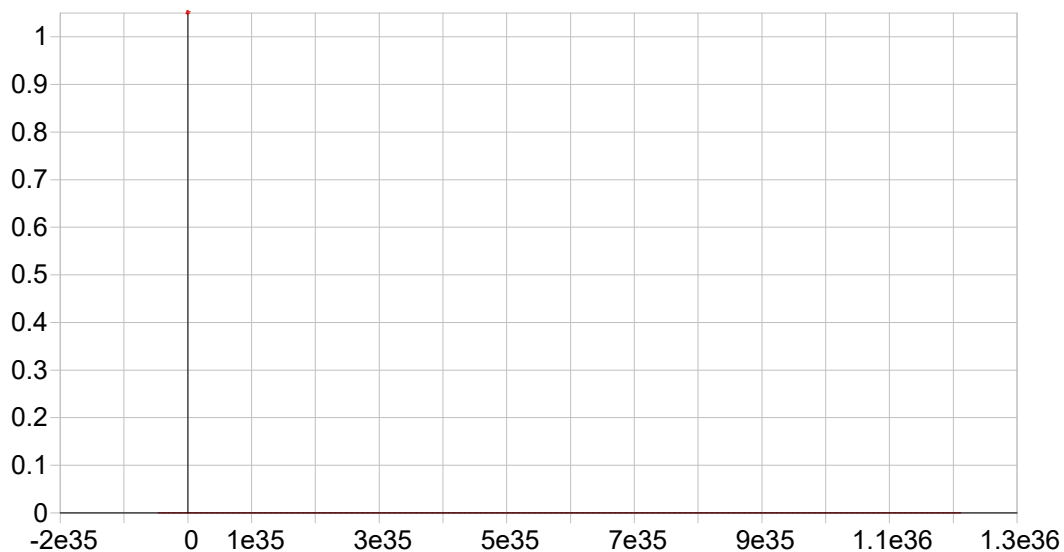
Date of Fit: 08/18/2023 13:30:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001430 Re-Slope: 1.000000
 A1 (Gain): 1.173882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.000578
 Predicted MDL: 0.001490
 Predicted MQL: 0.004966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00143	.001	1
S5	10.000	10.223	.223	2.23	12.000	.057	1
S4	5.0000	4.8735	-.126	-2.53	5.7195	.020	1
S3	2.5000	2.4315	-.068	-2.74	2.8529	.013	1
S2	1.2500	1.2208	-.029	-2.34	1.4317	.009	1
S1	.01500	.01577	.001	5.16	.01709	.000	1







Y 224.306 {150}*

Date of Fit:	<not fit>
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Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset):	0.000000
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Re-Slope: 1.000000

A1 (Gain):	0.000000
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Y-int: 0.000000

A2 (Curvature):	0.000000
-----------------	----------

n (Exponent):	1.000000
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Correlation: 0.000000

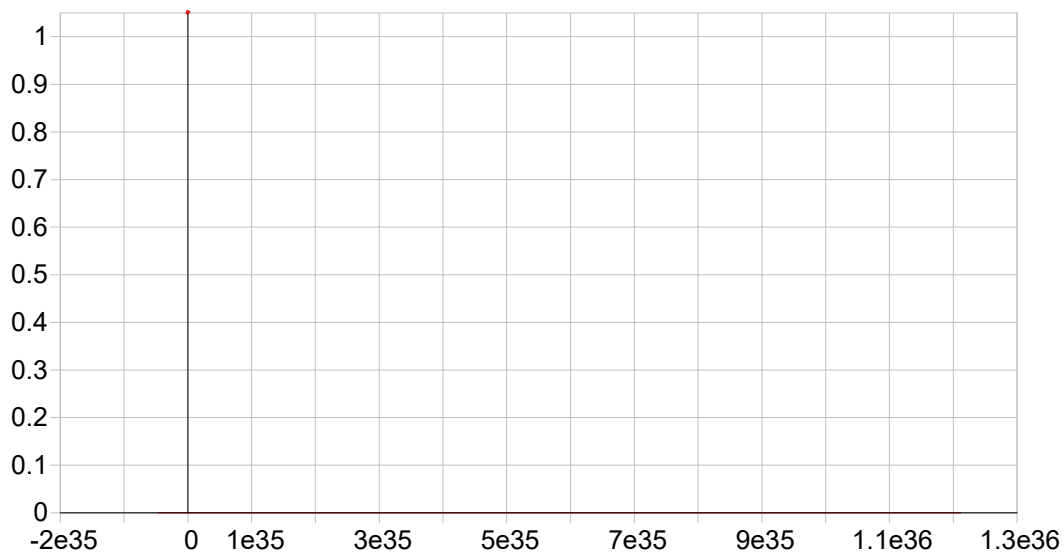
Status: Warning Zero Gain

Std Error of Est:	0.000000
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Predicted MDL:	n/a
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Predicted MQL:	n/a
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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>
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Type of Fit: Linear

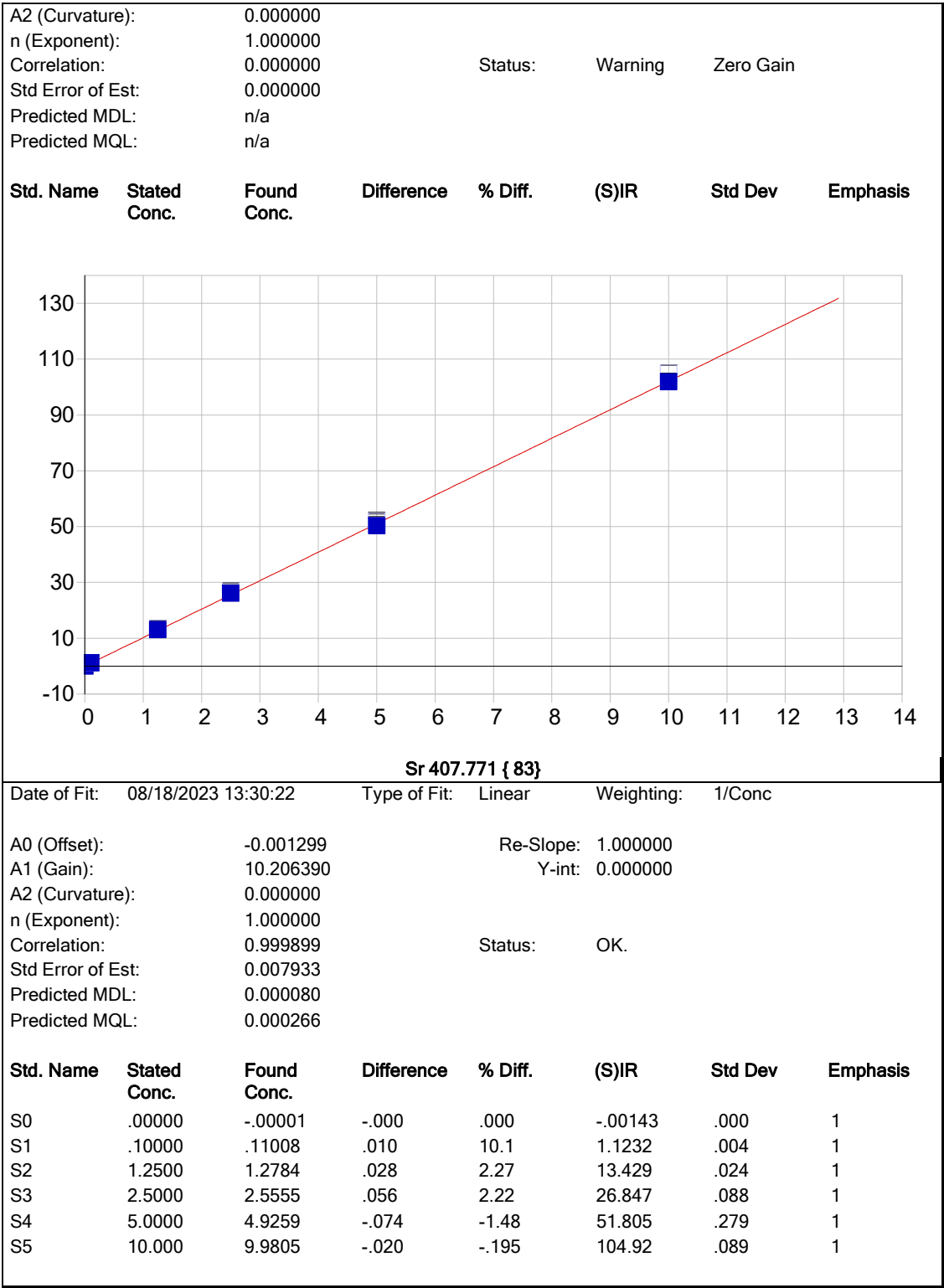
Weighting: 1/Conc

A0 (Offset):	0.000000
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Re-Slope: 1.000000

A1 (Gain):	0.000000
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Y-int: 0.000000



Sample Name: S0 Acquired: 08/17/2023 12:40:40 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00027	-.00022	-.00045	.00007	-.00003	-.00178	.00430	-.00058
Stddev	.00017	.00040	.00017	.00030	.00032	.00030	.00130	.00044
%RSD	62.732	177.26	37.789	435.73	1267.6	16.931	30.369	75.996
#1	-.00035	-.00001	-.00064	.00041	.00033	-.00187	.00409	-.00106
#2	-.00040	-.00068	-.00038	-.00004	-.00027	-.00144	.00311	-.00018
#3	-.00008	.00002	-.00032	-.00016	-.00013	-.00202	.00569	-.00051
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	.00036	.00142	-.00001	-.00086	.00108	.00018	-.00015	.00007
Stddev	.00025	.00042	.00006	.00046	.00033	.00006	.00023	.00014
%RSD	70.152	29.599	653.90	54.312	30.211	31.276	155.30	197.95
#1	.00064	.00116	.00005	-.00103	.00143	.00023	-.00041	.00015
#2	.00015	.00120	-.00001	-.00121	.00103	.00018	-.00007	.00016
#3	.00029	.00191	-.00007	-.00033	.00078	.00012	.00003	-.00009
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	-.00127	-.00075	-.00297	-.00038	-.00059	.00798	-.00119	.00188
Stddev	.00016	.00008	.00081	.00006	.00077	.00031	.00010	.00053
%RSD	12.491	10.400	27.410	16.003	129.90	3.8271	8.2161	28.040
#1	-.00110	-.00080	-.00344	-.00037	-.00002	.00789	-.00114	.00204
#2	-.00129	-.00066	-.00203	-.00044	-.00147	.00831	-.00130	.00232
#3	-.00142	-.00079	-.00345	-.00032	-.00029	.00772	-.00112	.00129
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	-.00014	.00059	.00518	.00004	.00223	-.00143	-.00143	
Stddev	.00015	.00025	.00037	.00015	.00030	.00124	.00037	
%RSD	105.07	42.161	7.1930	369.31	13.280	86.578	25.693	
#1	-.00012	.00048	.00501	-.00012	.00202	-.00141	-.00106	
#2	-.00030	.00042	.00561	.00005	.00257	-.00268	-.00143	
#3	-.00001	.00088	.00493	.00018	.00209	-.00020	-.00180	

Sample Name: S0 Acquired: 08/17/2023 12:40:40 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.5	40024.	6064.9	1117.0	1651.0
Stddev	.6	71.	24.6	4.3	2.6
%RSD	.05334	.17790	.40621	.38113	.15660
#1	1101.9	39942.	6080.7	1112.3	1649.3
#2	1103.0	40072.	6077.4	1120.5	1654.0
#3	1102.7	40058.	6036.5	1118.2	1649.8

Sample Name: S1 Acquired: 08/17/2023 12:44:50 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00015	.00198	.00158	.00211	.01188	.01814	.95609	.02158
Stddev	.00011	.00013	.00044	.00009	.00017	.00056	.00645	.00047
%RSD	72.656	6.8163	28.187	4.5083	1.4632	3.1087	.67471	2.1821

#1	.00024	.00200	.00119	.00218	.01169	.01831	.96105	.02103
#2	.00019	.00211	.00206	.00200	.01193	.01752	.95844	.02183
#3	.00003	.00184	.00148	.00213	.01202	.01861	.94880	.02186

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	.01429	.27732	.00161	.04098	.00479	.00327	.00435	.05598
Stddev	.00014	.00090	.00005	.00072	.00043	.00019	.00031	.00019
%RSD	.98514	.32306	3.0598	1.7691	8.8889	5.8027	7.2350	.33882

#1	.01425	.27628	.00161	.04049	.00441	.00348	.00465	.05615
#2	.01418	.27789	.00165	.04064	.00472	.00320	.00436	.05600
#3	.01445	.27778	.00155	.04181	.00525	.00312	.00403	.05578

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	.03312	.00152	.02612	.00623	.00884	.13312	-.00067	.00577
Stddev	.00054	.00011	.00025	.00035	.00030	.00045	.00003	.00038
%RSD	1.6303	7.5500	.94135	5.6699	3.4140	.33582	5.1164	6.6446

#1	.03297	.00143	.02626	.00603	.00850	.13363	-.00066	.00533
#2	.03267	.00149	.02626	.00602	.00893	.13291	-.00071	.00602
#3	.03372	.00165	.02583	.00664	.00908	.13282	-.00065	.00596

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	.00827	.00336	.03154	.00082	.04156	.01709	1.1232	
Stddev	.00039	.00014	.00011	.00013	.00029	.00038	.0040	
%RSD	4.7086	4.2603	.34331	15.212	.70409	2.2446	.35562	

#1	.00849	.00328	.03141	.00068	.04149	.01751	1.1264	
#2	.00782	.00352	.03162	.00088	.04131	.01677	1.1245	
#3	.00851	.00327	.03158	.00091	.04188	.01698	1.1187	

Sample Name: S1 Acquired: 08/17/2023 12:44:50 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.2	39872.	6087.8	1121.5	1654.4
Stddev	2.0	156.	22.3	9.4	1.0
%RSD	.17785	.39018	.36608	.83707	.05773
#1	1096.1	39721.	6096.6	1111.2	1655.0
#2	1100.0	40032.	6062.5	1129.6	1654.9
#3	1098.4	39861.	6104.4	1123.7	1653.3

Sample Name: S2 Acquired: 08/17/2023 12:48:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04079	.10042	1.1406	.05968	.24075	3.5955	11.661	.53235
Stddev	.00019	.00029	.0013	.00040	.00109	.0040	.056	.00289
%RSD	.46429	.28521	.11763	.67029	.45198	.11274	.48339	.54319
#1	.04083	.10020	1.1420	.05930	.24072	3.5950	11.690	.53556
#2	.04058	.10075	1.1393	.05963	.23967	3.5997	11.698	.53154
#3	.04096	.10032	1.1406	.06010	.24185	3.5917	11.596	.52995
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	1.6126	3.2337	.59593	.50579	.48869	1.1361	1.4615	.68918
Stddev	.0037	.0091	.00103	.00154	.00086	.0042	.0055	.00235
%RSD	.22883	.28016	.17264	.30524	.17532	.36548	.37475	.34139
#1	1.6140	3.2409	.59531	.50679	.48966	1.1377	1.4642	.69185
#2	1.6084	3.2367	.59711	.50401	.48803	1.1393	1.4650	.68832
#3	1.6154	3.2235	.59536	.50656	.48838	1.1315	1.4551	.68739
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	.51701	.06834	.21097	.07557	.56177	.90331	.05400	.37799
Stddev	.00128	.00044	.00162	.00093	.00946	.00211	.00016	.00228
%RSD	.24817	.64220	.76793	1.2324	1.6837	.23376	.30366	.60392
#1	.51719	.06788	.21269	.07577	.55301	.90438	.05404	.38054
#2	.51565	.06838	.21076	.07638	.57180	.90468	.05382	.37729
#3	.51819	.06876	.20947	.07455	.56049	.90088	.05414	.37614
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	1.0437	.03892	.34518	.13871	.45726	1.4317	13.429	
Stddev	.0015	.00009	.00233	.00079	.00157	.0095	.024	
%RSD	.13963	.23969	.67392	.57210	.34270	.66241	.18002	
#1	1.0428	.03893	.34787	.13857	.45884	1.4397	13.450	
#2	1.0429	.03901	.34379	.13799	.45723	1.4341	13.435	
#3	1.0453	.03883	.34389	.13956	.45571	1.4212	13.403	

Sample Name: S2 Acquired: 08/17/2023 12:48:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.2	38573.	5946.8	1063.7	1524.3
Stddev	2.5	134.	40.8	10.7	2.7
%RSD	.23556	.34638	.68633	1.0017	.17569
#1	1048.1	38659.	5900.9	1073.8	1524.3
#2	1043.8	38419.	5960.8	1052.6	1526.9
#3	1043.9	38641.	5978.8	1064.8	1521.6

Sample Name: S3 Acquired: 08/17/2023 12:52:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08234	.20115	2.3080	.11935	.48733	7.2024	23.226	1.0412
Stddev	.00036	.00025	.0014	.00007	.00004	.0098	.099	.0058
%RSD	.44062	.12315	.06076	.06168	.00815	.13599	.42696	.55373

#1	.08194	.20118	2.3094	.11929	.48738	7.2136	23.338	1.0471
#2	.08266	.20137	2.3080	.11943	.48732	7.1980	23.187	1.0409
#3	.08241	.20088	2.3066	.11933	.48730	7.1956	23.151	1.0355

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	3.2259	6.3820	1.1735	1.0231	.97168	2.2224	2.8516	1.3826
Stddev	.0047	.0188	.0014	.0019	.00176	.0109	.0135	.0052
%RSD	.14648	.29405	.12292	.18805	.18125	.49107	.47247	.37747

#1	3.2256	6.4035	1.1721	1.0209	.97251	2.2349	2.8671	1.3886
#2	3.2213	6.3738	1.1750	1.0239	.96966	2.2150	2.8434	1.3804
#3	3.2308	6.3687	1.1733	1.0244	.97287	2.2173	2.8442	1.3789

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	1.0389	.13820	.42448	.15068	1.1570	1.8143	.11386	.74775
Stddev	.0020	.00021	.00155	.00160	.0021	.0075	.00024	.00243
%RSD	.18899	.14937	.36622	1.0601	.18076	.41333	.20657	.32549

#1	1.0369	.13818	.42559	.15157	1.1592	1.8227	.11374	.74912
#2	1.0391	.13842	.42514	.14884	1.1568	1.8118	.11413	.74918
#3	1.0408	.13801	.42270	.15164	1.1550	1.8083	.11370	.74494

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	2.1176	.07976	.67286	.28141	.91130	2.8529	26.847
Stddev	.0082	.00036	.00144	.00103	.00337	.0133	.088
%RSD	.38712	.45007	.21390	.36762	.36964	.46762	.32789

#1	2.1087	.07945	.67392	.28038	.91508	2.8683	26.940
#2	2.1192	.08015	.67344	.28245	.91022	2.8451	26.836
#3	2.1248	.07967	.67122	.28139	.90861	2.8452	26.765

Sample Name: S3 Acquired: 08/17/2023 12:52:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.89	37688.	5936.4	1019.0	1442.9
Stddev	1.07	86.	34.2	5.7	.5
%RSD	.10668	.22732	.57620	.56025	.03479
#1	999.95	37665.	5906.9	1015.1	1442.6
#2	998.88	37617.	5928.4	1016.4	1442.8
#3	997.82	37783.	5973.9	1025.6	1443.5

Sample Name: S4 Acquired: 08/17/2023 12:56:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17026	.39593	4.6135	.24056	1.0067	14.526	46.215	2.0318
Stddev	.00042	.00189	.0157	.00053	.0028	.016	.050	.0051
%RSD	.24425	.47670	.33977	.21935	.28044	.11261	.10730	.24960

#1	.17058	.39507	4.6051	.23996	1.0071	14.545	46.220	2.0309
#2	.16979	.39462	4.6038	.24077	1.0038	14.515	46.163	2.0271
#3	.17039	.39809	4.6316	.24094	1.0094	14.519	46.262	2.0372

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	6.3706	12.621	2.2836	2.0541	1.9201	4.3273	5.5667	2.7760
Stddev	.0256	.012	.0009	.0085	.0053	.0043	.0074	.0094
%RSD	.40195	.09494	.04029	.41254	.27683	.09861	.13325	.33717

#1	6.3550	12.633	2.2846	2.0501	1.9237	4.3314	5.5713	2.7836
#2	6.3567	12.609	2.2832	2.0483	1.9225	4.3277	5.5581	2.7788
#3	6.4002	12.622	2.2829	2.0638	1.9140	4.3229	5.5706	2.7655

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	2.0718	.27628	.84919	.29666	2.3563	3.6292	.23503	1.4513
Stddev	.0088	.00087	.00104	.00097	.0147	.0035	.00088	.0057
%RSD	.42553	.31323	.12275	.32654	.62568	.09557	.37471	.39289

#1	2.0666	.27559	.84865	.29754	2.3591	3.6259	.23474	1.4485
#2	2.0668	.27599	.84854	.29682	2.3693	3.6289	.23434	1.4475
#3	2.0819	.27725	.85040	.29563	2.3403	3.6328	.23602	1.4579

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	4.3108	.16510	1.2885	.56683	1.7963	5.7195	51.805	
Stddev	.0014	.00045	.0046	.00168	.0060	.0198	.279	
%RSD	.03169	.27350	.35449	.29580	.33181	.34674	.53938	

#1	4.3123	.16558	1.2858	.56603	1.8025	5.7264	51.805	
#2	4.3105	.16504	1.2858	.56570	1.7959	5.6971	51.525	
#3	4.3096	.16468	1.2938	.56876	1.7906	5.7350	52.084	

Sample Name: S4 Acquired: 08/17/2023 12:56:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.27	36533.	5854.0	968.83	1342.0
Stddev	.80	95.	10.4	2.88	4.6
%RSD	.08688	.25966	.17707	.29711	.34481
#1	924.90	36452.	5850.7	966.44	1343.7
#2	924.54	36509.	5865.6	968.04	1345.6
#3	923.36	36637.	5845.6	972.03	1336.8

Sample Name: S5 Acquired: 08/17/2023 13:00:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37060	.77666	9.3554	.50585	2.1821	29.967	93.569	4.0739
Stddev	.00170	.00038	.0094	.00196	.0092	.067	.293	.0149
%RSD	.45931	.04872	.10006	.38728	.42245	.22200	.31278	.36584

#1	.36864	.77695	9.3662	.50395	2.1754	30.038	93.741	4.0737
#2	.37172	.77623	9.3512	.50574	2.1783	29.958	93.231	4.0590
#3	.37144	.77680	9.3489	.50786	2.1926	29.906	93.736	4.0888

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	12.637	25.511	4.4694	4.1354	3.8526	8.5620	11.107	5.6782
Stddev	.013	.058	.0090	.0076	.0121	.0086	.020	.0120
%RSD	.10015	.22568	.20184	.18449	.31283	.10013	.17804	.21159

#1	12.651	25.577	4.4775	4.1417	3.8627	8.5717	11.127	5.6883
#2	12.625	25.471	4.4710	4.1269	3.8559	8.5592	11.088	5.6649
#3	12.637	25.486	4.4596	4.1377	3.8393	8.5553	11.105	5.6815

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	4.1447	.57207	1.7399	.59226	4.9348	7.4288	.48827	2.8714
Stddev	.0086	.00106	.0065	.00219	.0363	.0014	.00149	.0107
%RSD	.20700	.18541	.37173	.37001	.73625	.01935	.30530	.37294

#1	4.1516	.57109	1.7474	.59419	4.9071	7.4304	.48829	2.8738
#2	4.1351	.57320	1.7366	.59273	4.9760	7.4284	.48975	2.8597
#3	4.1473	.57192	1.7358	.58988	4.9214	7.4276	.48676	2.8808

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	9.1304	.34533	2.5680	1.1468	3.5817	12.000	104.92	
Stddev	.0282	.00058	.0101	.0015	.0129	.057	.09	
%RSD	.30880	.16927	.39458	.13509	.36084	.47401	.08472	

#1	9.1064	.34585	2.5686	1.1485	3.5965	12.065	104.94	
#2	9.1234	.34543	2.5575	1.1464	3.5761	11.961	105.00	
#3	9.1615	.34470	2.5777	1.1455	3.5725	11.973	104.83	

Sample Name: S5 Acquired: 08/17/2023 13:00:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	815.49	34730.	5609.7	879.54	1225.2
Stddev	2.45	111.	17.4	5.46	1.9
%RSD	.30004	.32046	.31009	.62106	.15746
#1	817.01	34694.	5599.7	885.67	1223.0
#2	816.80	34641.	5629.8	875.19	1226.7
#3	812.67	34855.	5599.6	877.76	1226.0

Sample Name: S6 Acquired: 08/17/2023 13:04:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	84.325	43.729	24.042	9.5783	5.1107
Stddev	.861	.182	.066	.0253	.0261
%RSD	1.0214	.41557	.27418	.26400	.50970

#1	85.169	43.520	24.076	9.5865	5.1046
#2	83.447	43.831	23.966	9.5499	5.0882
#3	84.359	43.838	24.083	9.5984	5.1392

Int. Std.	Y_3710
Units	Cts/S
Avg	5402.5
Stddev	19.3
%RSD	.35662

#1	5385.5
#2	5423.4
#3	5398.7

Sample Name: ICV001 Acquired: 08/17/2023 13:09:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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	.9886834	1.073793	1.004505	1.052585	.9829150	2.474936
Stddev	.0098608	.009378	.001298	.002092	.0049890	.010182
%RSD	.9973704	.8733062	.1291943	.1987451	.5075683	.4114121

#1	.9850719	1.078988	1.003710	1.050500	.9782746	2.465339
#2	.9998408	1.062968	1.006003	1.052570	.9822789	2.473852
#3	.9811374	1.079423	1.003803	1.054684	.9881915	2.485616

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5497354	.5567584	.5342652	10.38497	F .5726247	.5171879
Stddev	.0019408	.0010196	.0007790	.01022	.0004237	.0020136
%RSD	.3530475	.1831235	.1458155	.0983871	.0739945	.3893445

#1	.5519650	.5558113	.5340874	10.38458	.5722031	.5162513
#2	.5488171	.5578376	.5335904	10.39538	.5726205	.5158131
#3	.5484241	.5566265	.5351177	10.37496	.5730504	.5194992

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5397956	F 11.03791	.5658650	5.554413	.5294201	.2538516
Stddev	.0020375	.00238	.0010380	.056040	.0015479	.0003401
%RSD	.3774609	.0215433	.1834395	1.008933	.2923700	.1339662

#1	.5420562	11.03600	.5666435	5.607013	.5292013	.2540882
#2	.5392298	11.03716	.5646865	5.495472	.5279932	.2540047
#3	.5381008	11.04057	.5662650	5.560752	.5310657	.2534619

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.678235	.5371948	.9590909	10.01214	F -.004664	F .0021710
Stddev	.156141	.0019315	.0053765	.01635	.001296	.0008126
%RSD	1.613320	.3595524	.5605799	.1633225	27.79763	37.42827

#1	9.499540	.5388534	.9630899	9.99325	-.004496	.0012342
#2	9.788346	.5350742	.9612038	10.02162	-.003459	.0025936
#3	9.746819	.5376567	.9529789	10.02154	-.006036	.0026851

Sample Name: ICV001 Acquired: 08/17/2023 13:09:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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 .0000298	F -.007814	F .0026554	F -.002468	F .0004022	F .0000897
Stddev	.0002193	.001203	.0002894	.001837	.0002909	.0007782
%RSD	734.9959	15.38905	10.89748	74.40044	72.32623	867.6314

#1	.0002730	-.007849	.0028114	-.004360	.0004312	-.000761
#2	-.000031	-.006595	.0023215	-.002353	.0000979	.000264
#3	-.000153	-.008999	.0028333	-.000692	.0006775	.000766

Elem	Sr4077
Units	ppm
Avg	F -.009676
Stddev	.000038
%RSD	.3883691

#1	-.009633
#2	-.009695
#3	-.009700

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1079.603	39495.39	5988.869	1095.631	1631.832
Stddev	1.918	125.17	5.750	12.209	3.918
%RSD	.1776329	.3169273	.0960048	1.114339	.2401075

#1	1081.297	39369.80	5982.567	1091.189	1632.232
#2	1079.991	39620.14	5990.210	1086.264	1635.535
#3	1077.521	39496.22	5993.830	1109.439	1627.730

Sample Name: ICB001 Acquired: 08/17/2023 13:14:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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	.0074695	.0003710	.0007908	.0034141	-.000560	.0009349	-.000619
Stddev	.0020049	.0030472	.0020050	.0045463	.001993	.0091978	.000155
%RSD	26.84078	821.2347	253.5340	133.1649	355.6295	983.8583	25.03482

#1	.0057795	-.001502	.0003279	.0085297	.001514	-.009673	-.000798
#2	.0096847	.003887	-.000942	-.000164	-.000734	.006686	-.000536
#3	.0069444	-.001272	.002987	.001877	-.002461	.005792	-.000524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0001164	.0014229	.0008697	.0006000	.0024307	-.000503
Stddev	.000033	.0000432	.0020397	.0002623	.0001991	.0013292	.004891
%RSD	103.8550	37.11603	143.3545	30.15540	33.18914	54.68446	972.5033

#1	-.000069	.0000672	-.000919	.0010913	.0004212	.0035664	-.004851
#2	-.000010	.0001483	.002373	.0005802	.0005641	.0009687	.004792
#3	-.000016	.0001336	.002814	.0009376	.0008146	.0027571	-.001450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002668	-.005910	.0003380	-.000327	-.185337	.0021834	-.000823
Stddev	.0004569	.017399	.0002439	.000393	.248408	.0018090	.001630
%RSD	171.2265	294.4057	72.16347	120.2793	134.0301	82.85203	198.0253

#1	-.000051	.010395	.0003626	.000113	-.288632	.0001824	.000213
#2	.000790	-.024229	.0000827	-.000643	.098052	.0037030	.000020
#3	.000061	-.003896	.0005686	-.000450	-.365432	.0026649	-.002702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092669	-.001117	.0089833	.0001410	-.011575	-.003826	.0009656
Stddev	.0180700	.002482	.0016900	.0003368	.003918	.001386	.0006345
%RSD	194.9950	222.1329	18.81290	238.9152	33.84563	36.22406	65.71391

#1	-.004825	-.003667	.0090668	.0004794	-.011373	-.003741	.0012258
#2	.029639	.001291	.0106300	-.000194	-.007762	-.005252	.0002423
#3	.002987	-.000977	.0072530	.000138	-.015589	-.002485	.0014287

Sample Name: ICB001 Acquired: 08/17/2023 13:14:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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	.0010840	.0008001	.0000432
Stddev	.0016772	.0012144	.0000204
%RSD	154.7289	151.7861	47.25322

#1	.0029828	-.000266	.0000434
#2	.0004642	.000544	.0000635
#3	-.000195	.002122	.0000227

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.606	39055.34	5923.247	1091.318	1620.290
Stddev	.246	245.01	42.572	1.308	2.228
%RSD	.0229666	.6273285	.7187231	.1198916	.1375124

#1	1070.844	38810.20	5874.370	1091.854	1617.734
#2	1070.621	39055.60	5952.230	1092.272	1621.307
#3	1070.353	39300.21	5943.140	1089.826	1621.827

Sample Name: ICSA001 Acquired: 08/17/2023 13:18:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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	-.008864	-.000408	.0001135	.0012925	.0035551	275.3086
Stddev	.003454	.004262	.0063839	.0036874	.0035170	1.0639
%RSD	38.96882	1043.485	5622.790	285.2961	98.92774	.3864458

#1	-.005313	-.005284	-.006266	.0019545	.0027956	275.6665
#2	-.009067	.002614	.006502	-.002681	.0073897	276.1474
#3	-.012213	.001445	.000104	.004604	.0004799	274.1119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068039	.0006702	.0043579	272.4477	.0474467	-.000641
Stddev	.0003706	.0001601	.0000629	2.0367	.0002416	.000456
%RSD	5.446871	23.89065	1.443177	.7475619	.5092376	71.07011

#1	.0071762	.0005883	.0044272	271.3137	.0474863	-.000130
#2	.0064350	.0008546	.0043421	274.7990	.0471877	-.000789
#3	.0068003	.0005676	.0043044	271.2303	.0476660	-.001005

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012017	112.9145	.0149174	263.6366	.0004198	.0080827
Stddev	.001659	.6716	.0004121	2.0104	.0004224	.0001644
%RSD	13.80546	.5947633	2.762741	.7625614	100.6155	2.033449

#1	-.013892	113.0337	.0144890	264.3904	.0005778	.0082708
#2	-.010739	113.5185	.0153110	265.1612	-.000059	.0080103
#3	-.011420	112.1913	.0149521	261.3583	.000741	.0079669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516777	.0010775	-.037264	.0505748	.0035259	F -.116202
Stddev	.0943113	.0012025	.003575	.0078222	.0030389	.001864
%RSD	182.4990	111.6065	9.593218	15.46653	86.18866	1.604226

#1	.0456549	-.000191	-.036435	.0420558	.0068696	-.115135
#2	-.039478	.001222	-.041181	.0574335	.0027755	-.118354
#3	.148856	.002201	-.034177	.0522351	.0009324	-.115116

Sample Name: ICSA001 Acquired: 08/17/2023 13:18:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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	-.001645	-.002774	-.006828	-.006489	-.000944	.0014687
Stddev	.000484	.012784	.001725	.001063	.000920	.0017748
%RSD	29.43765	460.8796	25.26131	16.37948	97.44637	120.8465

#1	-.001835	-.009326	-.006808	-.007526	-.000035	.0024395
#2	-.001094	.011958	-.005113	-.005402	-.000922	-.000580
#3	-.002004	-.010953	-.008562	-.006539	-.001875	.002546

Elem	Sr4077
Units	ppm
Avg	.0063972
Stddev	.0009656
%RSD	15.09333

#1	.0069060
#2	.0052837
#3	.0070020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	982.8150	36173.54	5762.290	993.5179	1385.482
Stddev	1.6621	94.49	47.960	5.6601	2.696
%RSD	.1691182	.2612023	.8323036	.5697002	.1945580

#1	981.1077	36245.11	5799.222	999.6803	1388.495
#2	984.4280	36209.08	5708.087	992.3223	1383.299
#3	982.9093	36066.44	5779.561	988.5512	1384.652

Sample Name: ICSAB001 Acquired: 08/17/2023 13:22:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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	.1071200	.1165487	.0561304	.0705534	.6261195	266.9105
Stddev	.0098707	.0009788	.0050506	.0028708	.0036226	.3970
%RSD	9.214624	.8398221	8.997980	4.068967	.5785772	.1487247

#1	.1113819	.1158267	.0619604	.0735813	.6232291	266.5709
#2	.1141438	.1176627	.0530878	.0702081	.6249461	266.8137
#3	.0958344	.1161567	.0533429	.0678709	.6301834	267.3469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5833620	.5687337	1.101892	266.1085	.6216505	.5412669
Stddev	.0019201	.0032805	.002452	.8988	.0016152	.0011489
%RSD	.3291360	.5768025	.2224812	.3377401	.2598323	.2122569

#1	.5821228	.5655628	1.100624	265.2979	.6232157	.5406821
#2	.5823894	.5685246	1.100334	265.9526	.6217465	.5405281
#3	.5855737	.5721138	1.104718	267.0750	.6199894	.5425905

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5356075	110.2047	.5787784	256.6244	1.086789	.2290478
Stddev	.0011225	.2865	.0011616	.6250	.003247	.0014231
%RSD	.2095798	.2599892	.2006997	.2435635	.2987587	.6213212

#1	.5369013	109.8955	.5783609	255.9414	1.083351	.2275892
#2	.5350288	110.2576	.5778833	256.7640	1.087214	.2291217
#3	.5348924	110.4611	.5800911	257.1678	1.089803	.2304325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.140444	.5515086	1.019291	-.053130	-.002670	F -.118196
Stddev	.139210	.0034551	.013693	.007422	.004011	.000849
%RSD	99.12113	.6264888	1.343392	13.96893	150.2521	.7179952

#1	-.299113	.5517086	1.025740	-.045328	.000411	-.117565
#2	-.038802	.5548595	1.003565	-.060102	-.007206	-.117861
#3	-.083419	.5479579	1.028570	-.053960	-.001215	-.119160

Sample Name: ICSAB001 Acquired: 08/17/2023 13:22:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) 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	-.001938	.0014302	-.006490	F -.010831	-.001710	.0018224
Stddev	.000210	.0006932	.000187	.000963	.001421	.0005367
%RSD	10.82675	48.47205	2.877588	8.887504	83.14352	29.45141

#1	-.001708	.0022197	-.006276	-.011009	-.000258	.0020441
#2	-.001988	.0011504	-.006617	-.011692	-.001772	.0022128
#3	-.002118	.0009206	-.006578	-.009792	-.003099	.0012104

Elem	Sr4077
Units	ppm
Avg	.0049510
Stddev	.0004231
%RSD	8.546445

#1	.0049446
#2	.0053773
#3	.0045311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.4231	36248.76	5706.874	996.3676	1385.969
Stddev	2.3030	121.58	27.900	6.9473	2.695
%RSD	.2349016	.3354111	.4888782	.6972622	.1944379

#1	982.1363	36271.21	5738.927	1004.389	1386.116
#2	981.3279	36117.52	5693.649	992.439	1388.587
#3	977.8051	36357.56	5688.045	992.275	1383.204

Sample Name: CCV001 Acquired: 08/17/2023 13:26:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.874248	4.893883	24.72335	4.883554	4.935253	399.0480	10.43318
Stddev	.009427	.010805	.06889	.003070	.014575	.7678	.04793
%RSD	.1933964	.2207942	.2786362	.0628723	.2953230	.1923993	.4594042

#1	4.879004	4.899054	24.67533	4.881912	4.929534	398.9928	10.42877
#2	4.880348	4.881464	24.69244	4.887096	4.924405	399.8419	10.48316
#3	4.863390	4.901131	24.80228	4.881653	4.951820	398.3093	10.38760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080116	2.480547	408.0086	15.32149	2.501115	15.15015	411.4001
Stddev	.0024798	.004955	1.8074	.01855	.004747	.02114	1.1115
%RSD	.4881407	.1997421	.4429807	.1210525	.1898033	.1395276	.2701635

#1	.5104552	2.479016	406.8597	15.33900	2.496985	15.15392	411.8439
#2	.5080824	2.476539	410.0920	15.32343	2.500058	15.12738	412.2210
#3	.5054971	2.486087	407.0742	15.30205	2.506302	15.16915	410.1353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21660	404.1328	2.487907	1.316257	401.9474	2.527753	14.96702
Stddev	.07903	1.2645	.006364	.002322	.8318	.001731	.07779
%RSD	.5193755	.3128857	.2558164	.1763997	.2069397	.0684643	.5197204

#1	15.15176	404.2966	2.482857	1.313584	401.5088	2.529751	15.00802
#2	15.30463	405.3074	2.485808	1.317771	402.9067	2.526719	14.87731
#3	15.19341	402.7944	2.495056	1.317417	401.4268	2.526790	15.01573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1212	5.091167	4.706067	4.845306	4.992061	4.971524	4.996806
Stddev	.1884	.007681	.018124	.012821	.014633	.016864	.008380
%RSD	.1222509	.1508608	.3851194	.2645979	.2931273	.3392071	.1677161

#1	153.9426	5.083013	4.726477	4.840087	5.002265	4.983519	5.001994
#2	154.1029	5.092220	4.699868	4.835919	4.998622	4.978810	4.987138
#3	154.3181	5.098266	4.691855	4.859913	4.975295	4.952242	5.001286

Sample Name: CCV001 Acquired: 08/17/2023 13:26:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.067947	5.227011	4.791778
Stddev	.018897	.036159	.048103
%RSD	.3728808	.6917757	1.003868

#1	5.085684	5.217526	4.739213
#2	5.070086	5.266967	4.802519
#3	5.048071	5.196540	4.833603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	871.5775	34394.51	5546.155	905.9044	1246.675
Stddev	1.5531	90.63	12.405	4.4142	2.122
%RSD	.1781996	.2634924	.2236634	.4872747	.1701998

#1	870.8594	34499.15	5549.320	903.5172	1247.147
#2	873.3598	34342.87	5532.474	910.9982	1248.521
#3	870.5134	34341.50	5556.671	903.1979	1244.356

Sample Name: CCB001 Acquired: 08/17/2023 13:30:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076381	.0027145	.0016902	.0009815	.0030107	.0059444	-.000160
Stddev	.0064357	.0009892	.0007438	.0074295	.0018799	.0063823	.000290
%RSD	84.25754	36.44196	44.00911	756.9286	62.43929	107.3678	180.5999

#1	.0078473	.0035557	.0013061	-.007026	.0043907	.0026098	-.000385
#2	.0139666	.0016247	.0025475	.002321	.0037718	.0019200	-.000262
#3	.0011004	.0029630	.0012169	.007650	.0008696	.0133033	.000166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0001572	.0013468	.0003082	.0001931	.0049619	.0048672
Stddev	.000023	.0000500	.0046856	.0004752	.0003752	.0024256	.0031301
%RSD	334.1247	31.81693	347.9177	154.1850	194.3226	48.88359	64.31069

#1	-.000024	.0001984	.0067570	-.000101	.0001302	.0024672	.0025797
#2	-.000016	.0001715	-.001317	.000197	-.000147	.0051066	.0084345
#3	.000019	.0001016	-.001400	.000829	.000596	.0073119	.0035875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005449	.0057699	-.000193	-.000193	-.249854	.0003110	.0010485
Stddev	.0001439	.0314227	.000341	.000363	.089746	.0012322	.0033380
%RSD	26.39681	544.5965	176.7672	187.4544	35.91949	396.1926	318.3540

#1	.0005663	.0420311	-.000325	-.000006	-.349237	.0005669	.0006060
#2	.0006769	-.011252	.000194	.000037	-.225593	.0013952	.0045858
#3	.0003916	-.013469	-.000448	-.000611	-.174733	-.001029	-.002046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086910	.0017653	.0130111	.0004542	-.008964	-.003193	-.000878
Stddev	.0566305	.0032913	.0002025	.0002692	.003784	.000694	.000516
%RSD	651.6000	186.4443	1.556077	59.27550	42.21816	21.72354	58.80767

#1	.0615727	.0047943	.0129233	.0007035	-.012284	-.003850	-.000675
#2	.0155617	.0022388	.0132426	.0004905	-.004844	-.003262	-.000494
#3	-.051061	-.001737	.0128673	.0001687	-.009764	-.002468	-.001464

Sample Name: CCB001 Acquired: 08/17/2023 13:30:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019366	-.001407	.0000998
Stddev	.0010037	.001017	.0000345
%RSD	51.82439	72.31535	34.59044

#1	.0014156	-.000232	.0000690
#2	.0013007	-.002003	.0000932
#3	.0030937	-.001985	.0001371

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.470	38997.32	5873.563	1084.209	1618.143
Stddev	4.152	40.63	32.042	8.866	2.762
%RSD	.3893345	.1041795	.5455375	.8177258	.1707036

#1	1064.164	39038.38	5910.540	1082.283	1616.091
#2	1071.264	38957.13	5856.200	1076.465	1621.284
#3	1063.983	38996.46	5853.950	1093.880	1617.054

Sample Name: O3181-02 Acquired: 08/17/2023 14:09:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZB77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027921	.0044274	2.037745	.0025027	.0003656	54.44656	1.402739
Stddev	.0081193	.0032339	.032881	.0025622	.0022543	.10664	.006709
%RSD	290.7985	73.04180	1.613605	102.3767	616.5983	.1958632	.4782782

#1	.0020972	.0072524	2.075672	.0044754	-.001492	54.47113	1.403108
#2	-.004957	.0051298	2.017257	.0034258	-.000285	54.53877	1.409256
#3	.011236	.0009001	2.020307	-.000393	.002874	54.32978	1.395853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083272	.0165858	144.0948	.1019223	.0710423	.2988267	33.74165
Stddev	.0000816	.0001089	.3900	.0007994	.0009944	.0039973	.07521
%RSD	.9801699	.6564261	.2706392	.7842931	1.399693	1.337676	.2229007

#1	.0083607	.0167094	144.3628	.1026200	.0719282	.2944864	33.66694
#2	.0082342	.0165039	144.2741	.1020967	.0699668	.2996368	33.81735
#3	.0083868	.0165442	143.6474	.1010501	.0712320	.3023570	33.74066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.639449	15.40643	.1800454	.0040645	1.613473	-.000800	2.280547
Stddev	.018989	.02183	.0023595	.0002430	.049397	.002723	.005305
%RSD	.2860065	.1417233	1.310520	5.979503	3.061550	340.3327	.2325991

#1	6.648451	15.43140	.1827699	.0039639	1.645588	.002141	2.280699
#2	6.652263	15.39093	.1786723	.0043416	1.556592	-.003233	2.275167
#3	6.617633	15.39696	.1786939	.0038878	1.638240	-.001308	2.285773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.881454	.0262316	.0321453	-.001341	6.460355	16.62657	-.006846
Stddev	.044660	.0030891	.0018043	.000090	.113997	.05608	.001146
%RSD	.7593410	11.77626	5.612837	6.690778	1.764565	.3373050	16.73138

#1	5.918339	.0291855	.0323493	-.001272	6.590475	16.67343	-.006035
#2	5.831800	.0264861	.0338388	-.001309	6.378062	16.56443	-.006348
#3	5.894223	.0230231	.0302477	-.001443	6.412529	16.64185	-.008157

Sample Name: O3181-02 Acquired: 08/17/2023 14:09:47 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZB77 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0148173	.0572334	.2411466
Stddev	.0019992	.0011016	.0005493
%RSD	13.49218	1.924668	.2277674

#1	.0165716	.0569898	.2406785
#2	.0126407	.0584363	.2410101
#3	.0152397	.0562740	.2417512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.327	43435.86	6683.270	1213.888	1622.007
Stddev	12.152	136.42	3.657	3.876	18.693
%RSD	1.018365	.3140639	.0547123	.3192881	1.152492

#1	1179.465	43523.45	6685.380	1218.359	1600.447
#2	1198.368	43278.69	6685.382	1211.473	1631.889
#3	1202.147	43505.45	6679.048	1211.832	1633.686

Sample Name: O3181-04 Acquired: 08/17/2023 14:13:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZB80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057008	.0060949	1.320569	.0056216	-.000727	72.65012	1.496193
Stddev	.0026433	.0029912	.004299	.0033369	.003464	.52909	.017000
%RSD	46.36801	49.07638	.3255077	59.35839	476.2106	.7282680	1.136201

#1	.0060341	.0088511	1.315745	.0068736	-.004672	72.86282	1.497399
#2	.0029066	.0029141	1.321971	.0018398	.000673	73.03976	1.512558
#3	.0081617	.0065194	1.323991	.0081514	.001817	72.04779	1.478622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085706	.0111378	27.23391	.0783486	.1168579	.1607691	6.705580
Stddev	.0000677	.0001530	.22384	.0008737	.0005738	.0022594	.048603
%RSD	.7899481	1.373285	.8219156	1.115081	.4910009	1.405358	.7248152

#1	.0085551	.0109700	27.10201	.0782831	.1165146	.1628899	6.660449
#2	.0085120	.0112694	27.49236	.0775096	.1165387	.1610245	6.757036
#3	.0086447	.0111739	27.10737	.0792532	.1175203	.1583929	6.699255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.434340	13.36009	.1985353	.0016395	.8306220	-.004191	1.891011
Stddev	.070842	.02143	.0003390	.0001223	.1071833	.001176	.008430
%RSD	.8399232	.1603895	.1707464	7.458791	12.90398	28.05129	.4457979

#1	8.424477	13.35423	.1985042	.0017632	.7927640	-.005530	1.900703
#2	8.509596	13.38384	.1982129	.0016368	.9515967	-.003717	1.885385
#3	8.368946	13.34220	.1988887	.0015186	.7475052	-.003327	1.886945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.410970	.0013315	.0147386	-.000601	1.254558	18.89322	-.002537
Stddev	.074989	.0014930	.0003946	.000529	.003513	.07917	.001181
%RSD	.8915648	112.1344	2.677091	88.02417	.2799923	.4190473	46.53275

#1	8.325975	.0021619	.0142830	-.000728	1.258593	18.87559	-.001752
#2	8.467795	-.000392	.0149622	-.000020	1.252183	18.97972	-.003895
#3	8.439141	.002225	.0149705	-.001055	1.252898	18.82436	-.001965

Sample Name: O3181-04 Acquired: 08/17/2023 14:13:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZB80 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032950	.0684107	.1093073
Stddev	.0005038	.0006987	.0000489
%RSD	15.28830	1.021349	.0447634

#1	.0036241	.0686313	.1093535
#2	.0027151	.0689724	.1092560
#3	.0035459	.0676283	.1093124

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.766	46519.60	7084.457	1312.337	1677.193
Stddev	2.635	52.63	39.867	3.694	2.637
%RSD	.2042954	.1131385	.5627408	.2814492	.1572147

#1	1290.266	46569.43	7099.730	1315.048	1679.080
#2	1292.115	46464.55	7039.212	1308.130	1678.320
#3	1286.917	46524.83	7114.430	1313.833	1674.180

Sample Name: O3181-07 Acquired: 08/17/2023 14:17:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZB83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012416	.0077211	1.513351	.0099454	-.003189	92.71484	1.712876
Stddev	.0046223	.0063245	.000787	.0079932	.002083	.06790	.005517
%RSD	372.2835	81.91229	.0519877	80.37117	65.30406	.0732322	.3220755

#1	.0031677	.0095573	1.513106	.0066211	-.000799	92.77128	1.707751
#2	.0045894	.0006817	1.512715	.0041507	-.004151	92.63950	1.712163
#3	-.004032	.0129243	1.514231	.0190642	-.004617	92.73376	1.718715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190672	.0221589	82.15127	.1582686	.1116951	.4146651	45.34627
Stddev	.0000936	.0001488	.31138	.0003922	.0003372	.0018526	.01999
%RSD	.4910888	.6715248	.3790326	.2477985	.3018642	.4467655	.0440928

#1	.0191747	.0220202	81.86030	.1586312	.1113459	.4148733	45.33262
#2	.0190235	.0221403	82.11384	.1578523	.1117206	.4127172	45.36922
#3	.0190033	.0223161	82.47968	.1583222	.1120188	.4164048	45.33698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.771774	10.91120	.2882732	.0045882	3.267787	.0003389	3.927393
Stddev	.025838	.05313	.0007658	.0003047	.276120	.0016702	.075137
%RSD	.4476641	.4869466	.2656592	6.640522	8.449743	492.8725	1.913144

#1	5.747043	10.84986	.2877234	.0042699	3.268619	.0013960	3.841415
#2	5.769687	10.94298	.2891480	.0046174	2.991252	-.001587	3.960313
#3	5.798593	10.94076	.2879483	.0048771	3.543489	.001207	3.980450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79087	.1094752	.2067545	-.000047	12.12409	16.85704	-.005266
Stddev	.01321	.0061070	.0010186	.000166	.00932	.09746	.001038
%RSD	.1224437	5.578398	.4926541	351.1494	.0768939	.5781560	19.71842

#1	10.79819	.1145162	.2064949	-.000046	12.12771	16.96723	-.004441
#2	10.77562	.1026843	.2078778	.000118	12.11351	16.82177	-.006432
#3	10.79880	.1112251	.2058908	-.000214	12.13107	16.78213	-.004924

Sample Name: O3181-07 Acquired: 08/17/2023 14:17:57 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZB83 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0135323	.0927067	.7562696
Stddev	.0018996	.0017535	.0008218
%RSD	14.03742	1.891424	.1086583

#1	.0118968	.0907358	.7572147
#2	.0156159	.0932903	.7558701
#3	.0130842	.0940939	.7557240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.684	46176.91	7131.616	1289.329	1636.532
Stddev	3.423	409.66	5.489	12.524	4.658
%RSD	.2681171	.8871567	.0769601	.9713960	.2846042

#1	1279.744	46646.08	7132.429	1303.749	1641.909
#2	1277.320	45890.06	7125.767	1283.064	1633.772
#3	1272.987	45994.59	7136.653	1281.173	1633.914

Sample Name: O3181-20 Acquired: 08/17/2023 14:22:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089485	.0037826	.4536326	.0053179	-.001535	96.45137	.9079941
Stddev	.0072127	.0043593	.0017296	.0053930	.002507	.14721	.0054697
%RSD	80.60192	115.2461	.3812724	101.4118	163.3203	.1526235	.6023982

#1	.0112702	.0016219	.4539200	.0080921	-.002953	96.48023	.9051680
#2	.0008609	.0009257	.4517773	-.000897	-.003013	96.29187	.9045156
#3	.0147144	.0088003	.4552004	.008759	.001360	96.58201	.9142988

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094914	.0049272	34.10628	.1086685	.0856767	.2248030	36.55942
Stddev	.0001616	.0001019	.24964	.0006683	.0003409	.0029701	.21496
%RSD	1.702820	2.067734	.7319391	.6149487	.3979317	1.321191	.5879695

#1	.0094796	.0050064	33.92321	.1088223	.0853261	.2277972	36.38687
#2	.0093359	.0048123	34.00500	.1092464	.0856968	.2218577	36.49119
#3	.0096585	.0049629	34.39065	.1079368	.0860071	.2247540	36.80022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.134867	17.67625	.1881166	.0036188	1.479631	.0031043	1.058157
Stddev	.029715	.08293	.0014237	.0004464	.178540	.0010767	.016481
%RSD	.5786862	.4691450	.7568284	12.33635	12.06652	34.68274	1.557547

#1	5.115193	17.64652	.1876733	.0034819	1.326182	.0019872	1.068843
#2	5.120359	17.61229	.1869672	.0032568	1.675588	.0031905	1.039176
#3	5.169049	17.76995	.1897092	.0041176	1.437122	.0041353	1.066452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.841435	.0244103	.0031217	-.000805	7.677318	26.95437	-.001995
Stddev	.007320	.0014737	.0005554	.000433	.019523	.21113	.001468
%RSD	.1253041	6.037305	17.79128	53.84240	.2542942	.7833024	73.59559

#1	5.837806	.0244988	.0026816	-.001251	7.682670	26.73006	-.003626
#2	5.849860	.0258377	.0029379	-.000385	7.693607	26.98381	-.001581
#3	5.836639	.0228943	.0037457	-.000779	7.655677	27.14923	-.000778

Sample Name: O3181-20 Acquired: 08/17/2023 14:22:00 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZBA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0130039	.0881181	.0866738
Stddev	.0009870	.0012107	.0000912
%RSD	7.589760	1.373987	.1052084

#1	.0130935	.0874037	.0867580
#2	.0139430	.0874345	.0865770
#3	.0119752	.0895160	.0866863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.911	44758.95	6958.977	1254.600	1656.049
Stddev	1.245	188.45	46.698	10.005	3.393
%RSD	.0999558	.4210427	.6710500	.7975007	.2048930

#1	1247.044	44564.76	6994.559	1245.263	1658.329
#2	1244.578	44941.09	6976.274	1265.161	1657.669
#3	1246.110	44771.01	6906.098	1253.376	1652.150

Sample Name: O3182-01 Acquired: 08/17/2023 14:26:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080402	.0039922	.4008651	.0116034	-.002458	60.57870	.8060512
Stddev	.0065886	.0052701	.0030173	.0019494	.002052	.13773	.0027649
%RSD	81.94582	132.0080	.7526861	16.80008	83.49669	.2273631	.3430193

#1	.0024892	.0099904	.4041211	.0105757	-.002051	60.73300	.8084071
#2	.0063102	.0018818	.4003106	.0103829	-.000639	60.53494	.8030072
#3	.0153212	.0001044	.3981635	.0138516	-.004682	60.46816	.8067391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060669	.0053752	15.16450	.1348018	.0581826	.8301654	15.56084
Stddev	.0000812	.0001032	.04945	.0006929	.0003970	.0022613	.34714
%RSD	1.338280	1.920639	.3261077	.5139900	.6823893	.2723930	2.230880

#1	.0061479	.0054918	15.21914	.1354398	.0577731	.8276244	15.90275
#2	.0059856	.0052954	15.12283	.1340647	.0585659	.8309151	15.57108
#3	.0060671	.0053384	15.15152	.1349008	.0582087	.8319566	15.20869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.271337	12.08659	.1260054	.0017493	.4825041	.0068101	1.181026
Stddev	.009399	.04792	.0002002	.0003229	.1195415	.0022062	.007776
%RSD	.4137909	.3964913	.1588611	18.45578	24.77523	32.39669	.6584347

#1	2.281826	12.12934	.1260060	.0018176	.6191735	.0093361	1.172395
#2	2.268504	12.03479	.1262053	.0020326	.4309409	.0052606	1.183196
#3	2.263681	12.09564	.1258050	.0013978	.3973979	.0058337	1.187487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.713454	.1776450	-.009631	-.000370	2.035938	20.78610	-.001347
Stddev	.048320	.0178643	.001046	.000135	.015758	.14692	.002187
%RSD	1.780753	10.05618	10.86461	36.51699	.7740029	.7068185	162.4509

#1	2.704926	.1982045	-.009548	-.000515	2.022892	20.94280	-.002599
#2	2.669966	.1659113	-.008629	-.000345	2.053446	20.76407	.001179
#3	2.765470	.1688192	-.010716	-.000249	2.031475	20.65145	-.002620

Sample Name: O3182-01 Acquired: 08/17/2023 14:26:05 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZBC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0270814	.0576773	.0441886
Stddev	.0035795	.0005260	.0003154
%RSD	13.21747	.9119738	.7137811

#1	.0233053	.0582843	.0438267
#2	.0275140	.0573940	.0444050
#3	.0304250	.0573537	.0443341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1205.021	43540.98	6668.313	1219.742	1688.935
Stddev	2.910	72.28	13.142	4.226	2.390
%RSD	.2414550	.1660074	.1970822	.3464831	.1415182

#1	1203.135	43621.72	6654.153	1224.621	1691.435
#2	1208.372	43482.29	6670.666	1217.364	1688.698
#3	1203.557	43518.95	6680.120	1217.239	1686.672

Sample Name: O3182-08 Acquired: 08/17/2023 14:30:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001433	.0036376	.5665500	.0074601	-.008161	58.61854	1.460618
Stddev	.004376	.0026946	.0038772	.0058848	.002342	.19025	.008450
%RSD	305.2832	74.07826	.6843606	78.88321	28.69699	.3245502	.5785084

#1	-.005737	.0010312	.5620776	.0095455	-.009837	58.51775	1.453591
#2	-.001575	.0034689	.5686103	.0008166	-.005485	58.83798	1.469994
#3	.003012	.0064126	.5689622	.0120182	-.009160	58.49991	1.458270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065783	.0337900	41.63790	1.141635	.0856554	1.963506	9.875698
Stddev	.0001236	.0001979	.19174	.001931	.0001573	.005947	.163568
%RSD	1.878646	.5857885	.4604933	.1691673	.1836824	.3028710	1.656265

#1	.0064487	.0337006	41.50915	1.143569	.0854793	1.966708	9.703048
#2	.0066948	.0340168	41.85826	1.141631	.0857051	1.967165	9.895703
#3	.0065915	.0336525	41.54628	1.139706	.0857819	1.956644	10.02834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.718065	13.39777	.8794386	.0030239	.6938853	-.002602	4.362614
Stddev	.009265	.04863	.0004909	.0004344	.1135560	.001829	.050807
%RSD	.2491891	.3629765	.0558238	14.36416	16.36523	70.28966	1.164599

#1	3.712632	13.39824	.8797373	.0034213	.6547835	-.000881	4.406390
#2	3.728763	13.44616	.8788720	.0030903	.8218255	-.002404	4.374550
#3	3.712801	13.34890	.8797065	.0025602	.6050469	-.004523	4.306902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.285656	.0176488	.0200674	-.000267	3.640891	18.37131	-.002366
Stddev	.050891	.0029890	.0011613	.000121	.027512	.13680	.000663
%RSD	.6985028	16.93605	5.786967	45.41235	.7556258	.7446288	28.02937

#1	7.249210	.0208422	.0188225	-.000194	3.610301	18.25074	-.002786
#2	7.343799	.0149182	.0202583	-.000407	3.648764	18.34320	-.001602
#3	7.263958	.0171859	.0211214	-.000200	3.663608	18.51997	-.002711

Sample Name: O3182-08 Acquired: 08/17/2023 14:30:11 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZBD6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0092153	.0676057	.1496220
Stddev	.0008360	.0010169	.0006196
%RSD	9.071887	1.504138	.4141140

#1	.0084246	.0666108	.1498618
#2	.0091312	.0675631	.1500859
#3	.0100902	.0686432	.1489183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.422	44596.73	6830.552	1245.782	1669.575
Stddev	2.888	173.82	19.711	8.131	5.590
%RSD	.2349145	.3897560	.2885767	.6526977	.3348229

#1	1231.927	44447.63	6848.395	1236.461	1674.510
#2	1230.076	44554.92	6833.869	1249.471	1670.711
#3	1226.263	44787.64	6809.393	1251.416	1663.505

Sample Name: O3182-09 Acquired: 08/17/2023 14:34:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002401	.0078854	.9446257	.0096721	-.001741	53.64784	1.070776
Stddev	.002399	.0011949	.0035848	.0030741	.003682	.16760	.001648
%RSD	99.89955	15.15342	.3794972	31.78341	211.5469	.3124134	.1539379

#1	.000125	.0086036	.9406565	.0115818	-.005762	53.62959	1.070414
#2	-.002679	.0085466	.9455929	.0113086	.001466	53.49010	1.069340
#3	-.004648	.0065060	.9476277	.0061259	-.000927	53.82381	1.072576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068805	.0205983	33.96831	.2176945	.0833847	.4361197	2.033649
Stddev	.0000513	.0000321	.15257	.0009028	.0003043	.0038423	.004988
%RSD	.7456653	.1558172	.4491642	.4147009	.3649045	.8810084	.2452654

#1	.0069089	.0206341	34.04947	.2174387	.0835261	.4341667	2.030445
#2	.0069113	.0205889	33.79231	.2169472	.0835927	.4336461	2.039396
#3	.0068212	.0205720	34.06316	.2186976	.0830355	.4405461	2.031106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823285	12.34676	.7206832	.0016681	1.337893	-.003428	4.278919
Stddev	.026165	.06371	.0012234	.0003398	.040822	.001937	.062743
%RSD	.5424665	.5159799	.1697481	20.37132	3.051198	56.51924	1.466332

#1	4.845288	12.29497	.7208488	.0012997	1.341847	-.004092	4.232669
#2	4.794353	12.32741	.7218153	.0019692	1.295237	-.001245	4.253749
#3	4.830213	12.41789	.7193855	.0017354	1.376593	-.004945	4.350339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.581718	.0160138	.0382791	-.000685	1.349430	19.00394	-.003819
Stddev	.029219	.0022616	.0013522	.000146	.011386	.11568	.001468
%RSD	.5234854	14.12313	3.532583	21.35643	.8437915	.6086921	38.45074

#1	5.579505	.0157460	.0398341	-.000848	1.338544	19.13203	-.003544
#2	5.611981	.0183973	.0373790	-.000566	1.361258	18.90710	-.005405
#3	5.553668	.0138979	.0376243	-.000641	1.348487	18.97268	-.002508

Sample Name: O3182-09 Acquired: 08/17/2023 14:34:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026220	.0751785	.1217937
Stddev	.0006825	.0012258	.0004821
%RSD	26.02963	1.630573	.3958198

#1	.0034034	.0764813	.1212611
#2	.0021424	.0740478	.1219199
#3	.0023203	.0750063	.1222002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1221.426	44228.62	6824.288	1235.694	1675.031
Stddev	1.463	206.68	26.394	9.790	2.697
%RSD	.1197723	.4673075	.3867709	.7922337	.1609914

#1	1223.049	44441.28	6810.660	1243.125	1678.021
#2	1220.208	44216.10	6854.711	1239.354	1672.782
#3	1221.022	44028.48	6807.494	1224.601	1674.291

Sample Name: O3182-14 Acquired: 08/17/2023 14:38:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066070	.0066270	.2373244	.0130777	-.001039	56.09876	1.524202
Stddev	.0058657	.0020077	.0030955	.0037086	.001204	.11552	.005032
%RSD	88.78013	30.29580	1.304338	28.35845	115.9352	.2059233	.3301613

#1	.0119247	.0067672	.2365442	.0102349	-.001715	56.22508	1.529896
#2	.0003152	.0045529	.2407354	.0172727	-.001753	55.99848	1.522361
#3	.0075811	.0085610	.2346937	.0117256	.000352	56.07272	1.520350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058702	.0097401	99.48968	.0688800	.0764627	.1013859	1.842462
Stddev	.0001118	.0002162	.21240	.0007162	.0004678	.0026821	.017549
%RSD	1.904123	2.220117	.2134866	1.039853	.6117398	2.645443	.9524879

#1	.0058915	.0097091	99.70124	.0682537	.0759645	.1000035	1.859856
#2	.0057493	.0095409	99.49133	.0687254	.0768925	.0996771	1.842767
#3	.0059698	.0099701	99.27646	.0696610	.0765310	.1044772	1.824762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.018406	51.50813	.2240940	.0008852	.9291527	-.002369	1.579660
Stddev	.006869	.22564	.0007027	.0000548	.0212443	.001493	.022477
%RSD	.1709354	.4380749	.3135704	6.190216	2.286415	63.00230	1.422898

#1	4.026027	51.67642	.2233386	.0008826	.9092628	-.003331	1.553897
#2	4.016496	51.59624	.2247283	.0008318	.9515320	-.003127	1.589817
#3	4.012694	51.25172	.2242153	.0009413	.9266632	-.000650	1.595267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.932820	.0031706	.0166571	-.000536	1.032893	26.17514	-.007789
Stddev	.044711	.0031892	.0004626	.000203	.009890	.17843	.001323
%RSD	.7536207	100.5862	2.776993	37.95590	.9575295	.6816618	16.97941

#1	5.882729	.0005555	.0166241	-.000758	1.022510	26.33660	-.006269
#2	5.947039	.0022328	.0171353	-.000490	1.042203	26.20525	-.008426
#3	5.968692	.0067235	.0162119	-.000359	1.033967	25.98358	-.008673

Sample Name: O3182-14 Acquired: 08/17/2023 14:38:15 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZBE2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001123	.0538382	.1312235
Stddev	.000505	.0006036	.0001450
%RSD	44.94296	1.121100	.1105100

#1	-.000675	.0543169	.1312966
#2	-.001024	.0540375	.1310564
#3	-.001670	.0531602	.1313174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.390	43326.71	6747.246	1208.002	1608.483
Stddev	2.870	191.22	28.209	5.165	1.609
%RSD	.2403299	.4413416	.4180804	.4275623	.1000628

#1	1197.073	43400.85	6714.865	1203.660	1609.992
#2	1191.363	43469.77	6766.497	1213.714	1606.789
#3	1194.735	43109.53	6760.375	1206.632	1608.669

Sample Name: O3182-17 Acquired: 08/17/2023 14:42:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090563	.0027693	.1448059	.0050204	-.000809	49.46896	1.053027
Stddev	.0130632	.0005686	.0038011	.0019074	.000465	.19279	.007049
%RSD	144.2449	20.53225	2.624975	37.99247	57.48301	.3897143	.6694147

#1	-.005842	.0026572	.1491950	.0066086	-.001336	49.43579	1.049286
#2	.018551	.0022652	.1426215	.0055479	-.000458	49.67618	1.061158
#3	.014459	.0033857	.1426011	.0029048	-.000632	49.29491	1.048636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052201	.0131523	60.06611	.0527733	.0796135	.1209701	1.298687
Stddev	.0001075	.0001521	.23824	.0009524	.0002102	.0009201	.017664
%RSD	2.059512	1.156600	.3966325	1.804753	.2640929	.7605649	1.360145

#1	.0052784	.0129770	59.91539	.0519370	.0796323	.1219829	1.295740
#2	.0052858	.0132504	60.34078	.0538100	.0793945	.1207413	1.282682
#3	.0050960	.0132294	59.94218	.0525730	.0798137	.1201860	1.317639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.410789	35.79872	.2066690	.0009715	.7611024	-.000871	.9075872
Stddev	.015980	.16567	.0004792	.0003822	.0877526	.000658	.0044834
%RSD	.3622944	.4627942	.2318558	39.33825	11.52968	75.45218	.4939914

#1	4.397885	35.65388	.2061596	.0006168	.6600810	-.001329	.9124608
#2	4.428664	35.97937	.2071107	.0013763	.8047923	-.001168	.9066623
#3	4.405819	35.76292	.2067368	.0009215	.8184340	-.000118	.9036383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.434960	.0076609	.0135827	-.000739	.4166563	23.65041	-.003611
Stddev	.021133	.0057446	.0010182	.000363	.0027280	.02532	.001602
%RSD	.4765023	74.98671	7.496401	49.06980	.6547274	.1070600	44.37737

#1	4.444818	.0139926	.0133125	-.000749	.4140334	23.67407	-.001827
#2	4.449362	.0062076	.0127268	-.000372	.4194784	23.62371	-.004076
#3	4.410699	.0027825	.0147087	-.001097	.4164571	23.65346	-.004929

Sample Name: O3182-17 Acquired: 08/17/2023 14:42:17 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZBE5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006968	.0513363	.0898583
Stddev	.0007421	.0012031	.0003314
%RSD	106.5080	2.343616	.3687487

#1	.0009711	.0517357	.0897164
#2	.0012626	.0522889	.0896216
#3	-.000143	.0499842	.0902370

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1214.357	43830.51	6761.297	1226.483	1644.614
Stddev	1.988	80.80	16.975	1.110	2.865
%RSD	.1637288	.1843448	.2510557	.0904659	.1741951

#1	1213.345	43775.81	6765.845	1226.579	1641.351
#2	1216.647	43792.40	6742.512	1225.329	1645.774
#3	1213.078	43923.32	6775.535	1227.542	1646.717

Sample Name: O3185-13 Acquired: 08/17/2023 14:46:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349193	.0150450	.0266573	.0278736	.0024814	28.69384
Stddev	.0066501	.0023897	.0012157	.0125627	.0004051	.01471
%RSD	19.04415	15.88355	4.560273	45.07041	16.32571	.0512731

#1	.0415270	.0123737	.0252572	.0242929	.0020172	28.68043
#2	.0282276	.0169797	.0274448	.0174900	.0026634	28.70958
#3	.0350032	.0157814	.0272699	.0418380	.0027636	28.69150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2302314	.0017174	.0078683	F 4328.592	.1043816	.0135986
Stddev	.0010235	.0000908	.0002515	34.739	.0009373	.0009193
%RSD	.4445481	5.285635	3.196535	.8025509	.8979957	6.760610

#1	.2308569	.0017626	.0080929	4358.990	.1054228	.0129474
#2	.2290503	.0016129	.0079155	4290.726	.1036049	.0131981
#3	.2307871	.0017766	.0075965	4336.061	.1041170	.0146502

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336359	33.32719	1.088042	421.4396	.1179259	-.000558
Stddev	.0018820	.07581	.003955	.6266	.0007860	.000342
%RSD	5.595215	.2274664	.3634970	.1486908	.6665011	61.37940

#1	.0321714	33.41395	1.090433	422.1619	.1177720	-.000949
#2	.0329777	33.29389	1.083477	421.1147	.1172283	-.000412
#3	.0357586	33.27373	1.090216	421.0421	.1187775	-.000313

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.157418	.1185361	.5661363	7.676627	5.651357	.0840260
Stddev	.113295	.0045929	.0055136	.050605	.013373	.0005386
%RSD	2.725141	3.874673	.9738940	.6592070	.2366397	.6409815

#1	4.214688	.1218445	.5610428	7.668759	5.658473	.0843744
#2	4.026920	.1132922	.5653751	7.630416	5.635930	.0834057
#3	4.230645	.1204715	.5719909	7.730704	5.659667	.0842980

Sample Name: O3185-13 Acquired: 08/17/2023 14:46:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBK1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068822	16.91655	16.21374	-.016459	-.042322	.4110177
Stddev	.0002837	.03776	.06872	.003508	.001026	.0010648
%RSD	4.121961	.2232371	.4238424	21.31379	2.424379	.2590666

#1	.0068125	16.87353	16.14158	-.017056	-.041141	.4116051
#2	.0071943	16.93187	16.22123	-.012691	-.042836	.4097885
#3	.0066399	16.94425	16.27840	-.019630	-.042990	.4116593

Elem	Sr4077
Units	ppm
Avg	8.642337
Stddev	.027481
%RSD	.3179820

#1	8.613458
#2	8.645388
#3	8.668165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.6483	33163.08	5567.377	887.1712	1089.778
Stddev	2.5057	81.76	10.832	8.6000	.887
%RSD	.2816456	.2465534	.1945685	.9693766	.0813978

#1	888.7029	33087.97	5568.944	877.8021	1090.135
#2	892.4891	33250.18	5577.341	894.7063	1090.431
#3	887.7529	33151.10	5555.847	889.0052	1088.768

Sample Name: O3185-19 Acquired: 08/17/2023 14:50:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EZBK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279599	-.005222	.1534209	.0024008	.0022770	55.67915	.6533955
Stddev	.0065474	.001554	.0019100	.0027893	.0004464	.10373	.0001558
%RSD	23.41712	29.76528	1.244951	116.1850	19.60484	.1863084	.0238404

#1	.0342730	-.003635	.1512338	.0027299	.0019604	55.61237	.6532421
#2	.0212009	-.005288	.1542680	-.000539	.0027876	55.62643	.6533910
#3	.0284058	-.006742	.1547608	.005011	.0020830	55.79866	.6535535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040187	.0051555	39.02666	.0523814	.0405357	.0561438	104.7060
Stddev	.0000799	.0000490	.04528	.0002019	.0002466	.0019745	.3188
%RSD	1.987972	.9509250	.1160351	.3854872	.6084316	3.516918	.3044894

#1	.0039949	.0051000	39.07189	.0522806	.0405224	.0541520	104.4501
#2	.0039534	.0051733	39.02678	.0522497	.0402961	.0581006	104.6049
#3	.0041078	.0051931	38.98132	.0526139	.0407888	.0561789	105.0631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.822453	10.53692	.0703628	.0087305	.5596387	.1326755	.2630405
Stddev	.008516	.05430	.0007096	.0002664	.1674362	.0014556	.0057014
%RSD	.3017364	.5153210	1.008507	3.051274	29.91862	1.097086	2.167490

#1	2.827085	10.47610	.0695570	.0089015	.6718439	.1339210	.2625833
#2	2.812625	10.58052	.0706371	.0084236	.6398900	.1310754	.2689568
#3	2.827651	10.55413	.0708943	.0088665	.3671823	.1330300	.2575816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.622373	.8459050	-.105021	.0005555	.4719741	31.52104	-.001639
Stddev	.067694	.0033578	.002638	.0005179	.0046979	.21344	.000645
%RSD	2.581399	.3969420	2.511910	93.24156	.9953744	.6771252	39.38069

#1	2.590099	.8488219	-.102453	.0010961	.4755092	31.43661	-.001690
#2	2.576855	.8466586	-.104886	.0005067	.4666432	31.36274	-.000969
#3	2.700164	.8422345	-.107724	.0000637	.4737698	31.76378	-.002257

Sample Name: O3185-19 Acquired: 08/17/2023 14:50:40 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EZBK7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0730215	.0502553	.2571853
Stddev	.0013576	.0012192	.0006998
%RSD	1.859160	2.425943	.2720919

#1	.0718117	.0491750	.2567841
#2	.0727630	.0500139	.2567784
#3	.0744897	.0515772	.2579933

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.499	42425.68	6557.855	1188.829	1657.917
Stddev	3.841	139.68	30.900	2.568	4.957
%RSD	.3281380	.3292250	.4711837	.2160430	.2989617

#1	1174.647	42554.44	6584.348	1189.860	1662.605
#2	1169.782	42277.18	6565.305	1185.905	1658.416
#3	1167.067	42445.41	6523.911	1190.721	1652.730

Sample Name: CCV002 Acquired: 08/17/2023 14:54:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.939467	4.954620	24.94647	4.974136	5.031665	406.9118	10.75965
Stddev	.016875	.008949	.05553	.014931	.008305	1.3945	.04602
%RSD	.3416317	.1806129	.2225807	.3001706	.1650488	.3427048	.4277170

#1	4.957650	4.953661	24.92829	4.990634	5.036581	407.8026	10.79737
#2	4.924310	4.946189	24.90232	4.970220	5.036337	405.3047	10.70837
#3	4.936441	4.964009	25.00881	4.961553	5.022077	407.6281	10.77321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5059718	2.493605	410.8058	15.34184	2.527170	15.25153	417.1072
Stddev	.0039843	.004029	1.7739	.02939	.006693	.02517	2.5096
%RSD	.7874579	.1615738	.4318216	.1915707	.2648448	.1650117	.6016570

#1	.5104536	2.491941	412.2305	15.37377	2.525642	15.23602	419.3059
#2	.5028312	2.490675	408.8188	15.31592	2.521373	15.23799	414.3732
#3	.5046304	2.498200	411.3679	15.33583	2.534495	15.28056	417.6426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23400	405.2661	2.500829	1.335061	407.9684	2.539880	14.76878
Stddev	.07793	2.0140	.005541	.004871	1.7042	.006777	.14384
%RSD	.5115471	.4969470	.2215780	.3648514	.4177207	.2668302	.9739305

#1	15.31432	407.1078	2.497986	1.340662	409.2499	2.536682	14.62530
#2	15.15870	403.1155	2.497286	1.331814	406.0344	2.535293	14.91298
#3	15.22896	405.5750	2.507214	1.332707	408.6209	2.547664	14.76805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.0546	5.278380	4.713441	4.902653	5.043992	4.984964	5.040133
Stddev	.3753	.022047	.050457	.000155	.017221	.042809	.014758
%RSD	.2404730	.4176879	1.070496	.0031583	.3414243	.8587631	.2928006

#1	156.0637	5.277773	4.771670	4.902568	5.033791	5.034338	5.025797
#2	155.6748	5.256643	4.686042	4.902559	5.063875	4.962341	5.039325
#3	156.4252	5.300725	4.682611	4.902832	5.034309	4.958212	5.055279

Sample Name: CCV002 Acquired: 08/17/2023 14:54:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.122811	5.380682	4.768668
Stddev	.015256	.013667	.049626
%RSD	.2977971	.2540079	1.040664

#1	5.129133	5.390596	4.806476
#2	5.105411	5.365091	4.712473
#3	5.133890	5.386359	4.787056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	848.4075	33440.29	5446.771	880.1126	1215.790
Stddev	.8549	100.59	43.501	4.1799	3.588
%RSD	.1007670	.3008036	.7986566	.4749226	.2951090

#1	847.7083	33350.55	5398.035	881.2450	1217.344
#2	849.3606	33549.02	5481.672	875.4832	1218.339
#3	848.1537	33421.31	5460.605	883.6095	1211.687

Sample Name: CCB002 Acquired: 08/17/2023 14:58:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044896	.0026499	-.000566	.0063571	.0009708	.0148848
Stddev	.0020570	.0033631	.002309	.0028071	.0010305	.0047929
%RSD	45.81633	126.9123	407.7890	44.15648	106.1513	32.20012

#1	.0046803	.0060845	-.003145	.0085056	.0010467	.0095476
#2	.0023439	.0025021	.001310	.0031810	-.000096	.0162852
#3	.0064446	-.000637	.000137	.0073845	.001961	.0188215

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000870	-.000131	.0000147	.0078499	.0007598	.0001955
Stddev	.0004204	.000035	.0000016	.0011357	.0008249	.0001962
%RSD	483.3234	26.62239	10.81336	14.46706	108.5754	100.3205

#1	-.000141	-.000096	.0000165	.0091079	.0016940	.0001395
#2	-.000170	-.000166	.0000140	.0069004	.0004535	.0004136
#3	.000572	-.000131	.0000136	.0075413	.0001318	.0000335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044714	F .1071457	.0009215	-.030572	.0001881	.0000027
Stddev	.0019917	.0133642	.0002151	.008050	.0003010	.0000569
%RSD	44.54242	12.47297	23.33598	26.33250	160.0790	2073.891

#1	.0063585	.1210428	.0006854	-.025022	.0004343	-.000063
#2	.0046662	.1060071	.0011062	-.039805	-.000148	.000038
#3	.0023895	.0943871	.0009731	-.026889	.000277	.000033

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.310925	-.000585	-.004918	-.058901	.0011748	.0105357
Stddev	.069974	.000938	.000323	.056087	.0033512	.0004843
%RSD	22.50509	160.4965	6.572743	95.22313	285.2536	4.596700

#1	-.274842	.000162	-.005264	-.045391	.0039583	.0106823
#2	-.266358	-.001638	-.004865	-.010802	-.002545	.0099950
#3	-.391575	-.000278	-.004624	-.120509	.002111	.0109297

Sample Name: CCB002 Acquired: 08/17/2023 14:58:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v401) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006342	-.012799	-.001420	-.001000	.0013726	.0043072
Stddev	.0002354	.002203	.000525	.001552	.0004236	.0011099
%RSD	37.10927	17.21051	36.98254	155.3017	30.85887	25.76823

#1	.0008906	-.014086	-.000836	.000181	.0008847	.0041910
#2	.0005842	-.010256	-.001572	-.000422	.0015868	.0032599
#3	.0004279	-.014056	-.001852	-.002758	.0016463	.0054705

Elem	Sr4077
Units	ppm
Avg	-.000057
Stddev	.000028
%RSD	48.68803

#1	-.000041
#2	-.000089
#3	-.000041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.898	38047.77	5733.853	1061.384	1591.557
Stddev	2.409	102.46	52.816	2.129	3.563
%RSD	.2294365	.2693030	.9211331	.2005498	.2238664

#1	1047.141	37986.99	5710.290	1059.820	1591.588
#2	1050.955	38166.07	5794.350	1060.523	1595.104
#3	1051.597	37990.26	5696.920	1063.808	1587.978