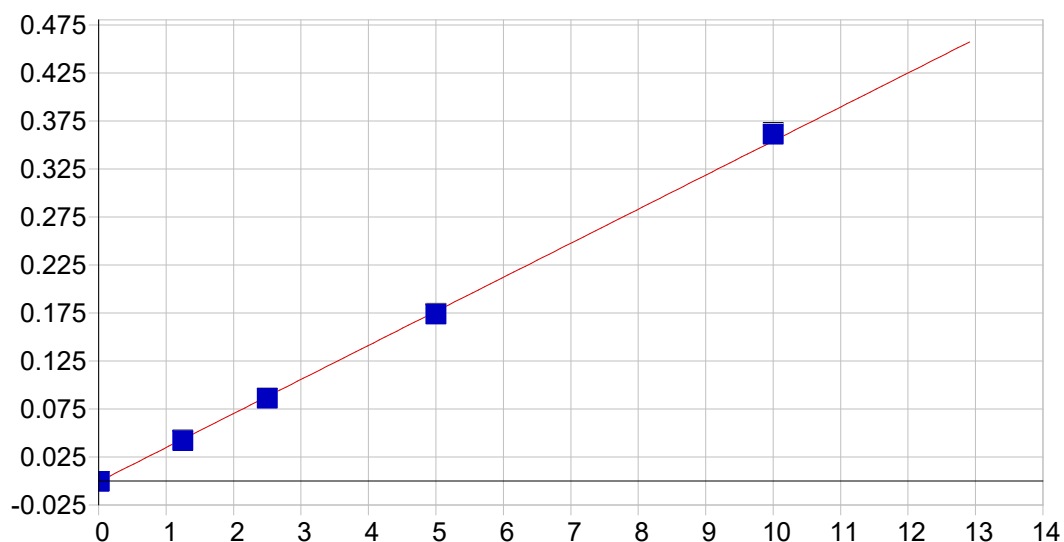


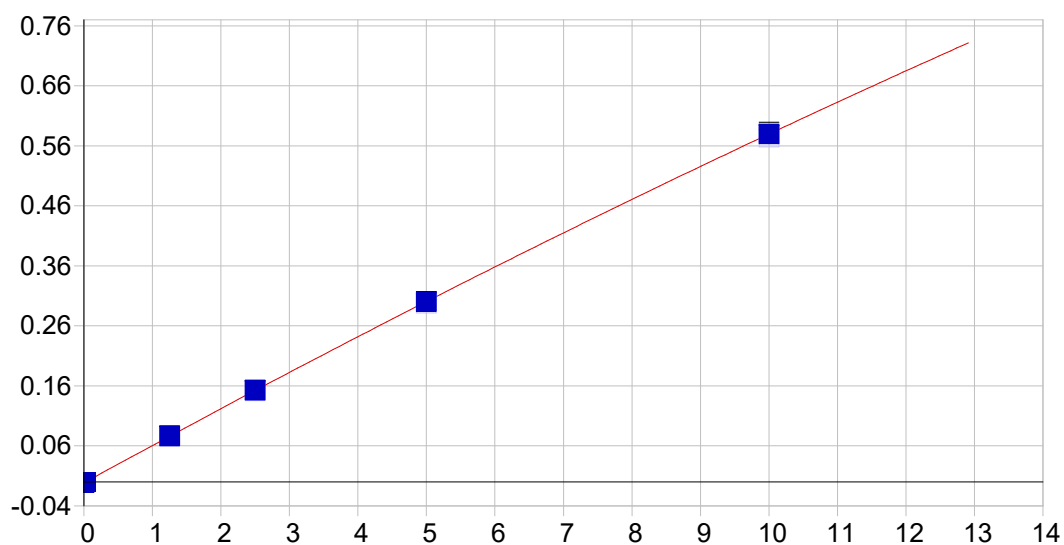


As 189.042 {479}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000709	Re-Slope:	1.000000
A1 (Gain):	0.035464	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999766	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.005665		
Predicted MQL:	0.018882		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.000	1
S1	.01000	.01065	.001	6.51	-.00033	.000	1
S2	1.2500	1.2016	-.048	-3.87	.04202	.001	1
S3	2.5000	2.4401	-.060	-2.40	.08606	.000	1
S4	5.0000	4.9107	-.089	-1.79	.17391	.001	1
S5	10.000	10.197	.197	1.97	.36184	.001	1

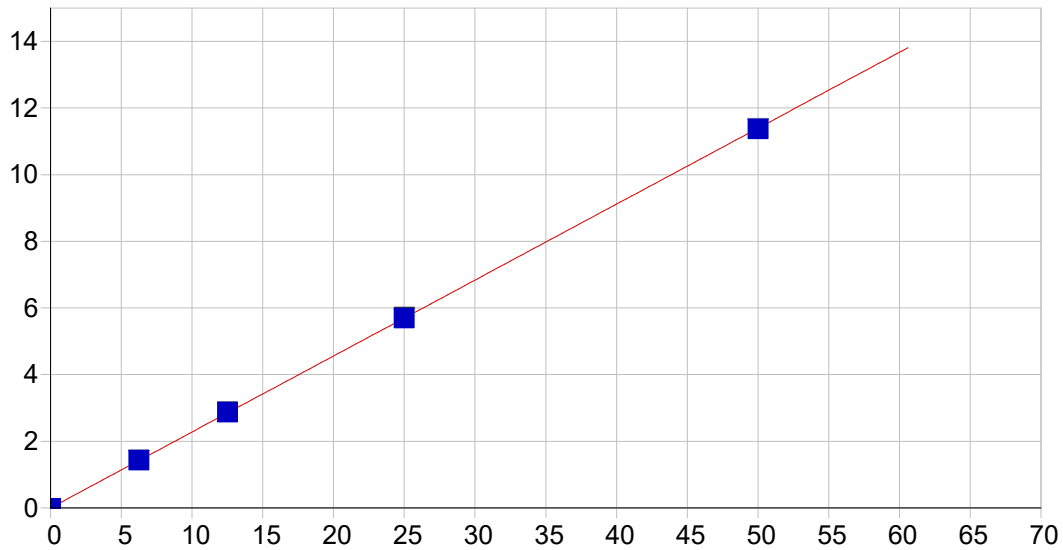


TI 190.856 {477}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001577 Re-Slope: 1.000000
 A1 (Gain): 0.062710 Y-int: 0.000000
 A2 (Curvature): -0.000459
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.003464
 Predicted MQL: 0.011545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00158	.000	1
S1	.02500	.02316	-.002	-7.34	-.00020	.000	1
S2	1.2500	1.2512	.001	.094	.07545	.000	1
S3	2.5000	2.5044	.004	.175	.15117	.000	1
S4	5.0000	4.9948	-.005	-.104	.29735	.000	1
S5	10.000	10.001	.001	.014	.57403	.003	1

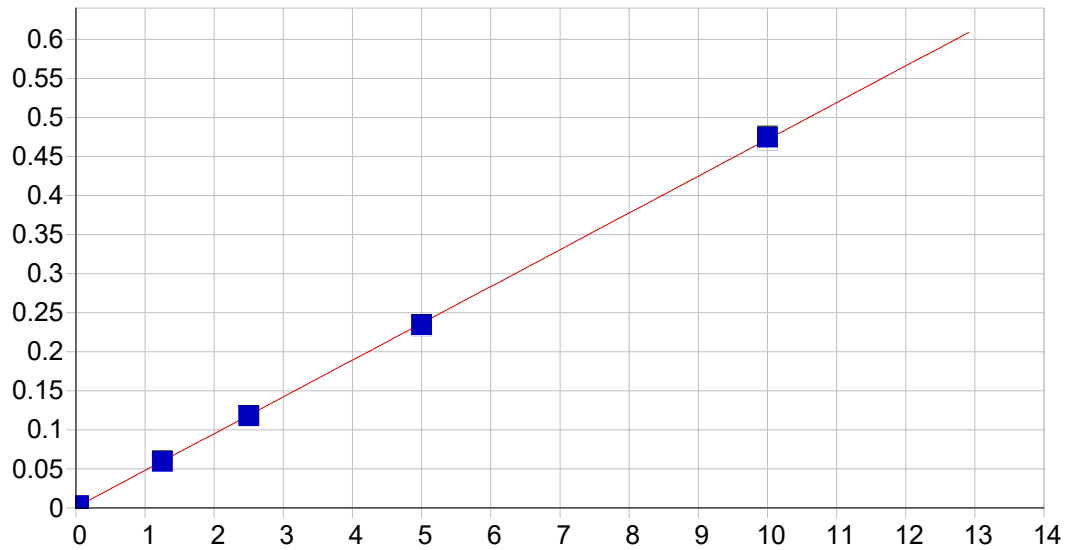


Pb 220.353 {453}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001106	Re-Slope:	1.000000
A1 (Gain):	0.227886	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.001994		
Predicted MQL:	0.006645		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00111	.000	1
S1	.01000	.01122	.001	12.2	.00367	.000	1
S2	6.2500	6.2548	.005	.077	1.4271	.001	1
S3	12.500	12.593	.093	.748	2.8723	.002	1
S4	25.000	24.991	-.009	-.035	5.6988	.021	1
S5	50.000	49.909	-.091	-.182	11.380	.010	1

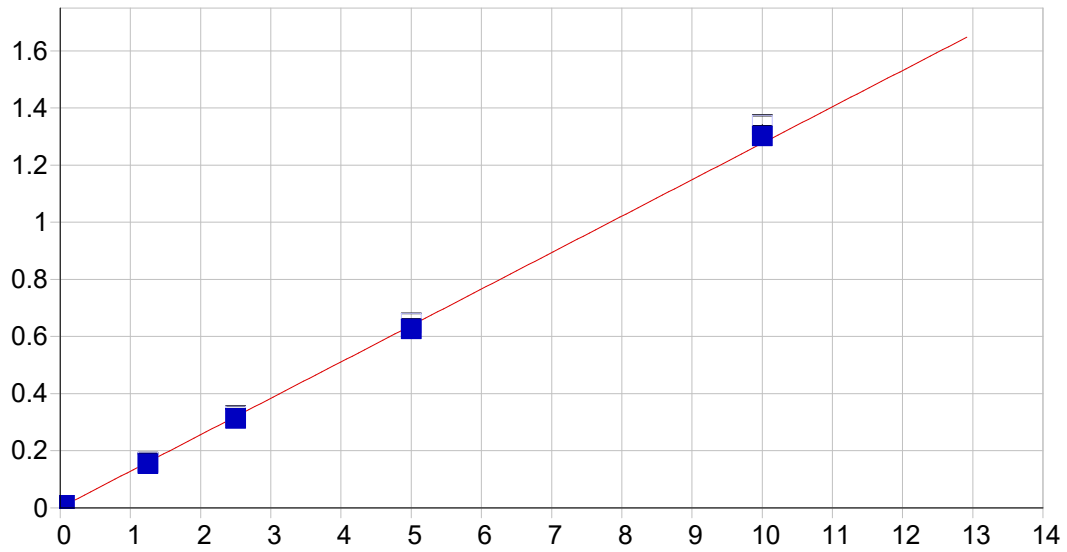


Se 196.090 {472}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000986 Re-Slope: 1.000000
 A1 (Gain): 0.047079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.005246
 Predicted MQL: 0.017488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00099	.000	1
S1	.03500	.03574	.001	2.12	.00267	.000	1
S2	1.2500	1.2436	-.006	-.510	.05898	.000	1
S3	2.5000	2.4872	-.013	-.512	.11698	.000	1
S4	5.0000	4.9595	-.041	-.811	.23227	.000	1
S5	10.000	10.059	.059	.590	.47015	.001	1

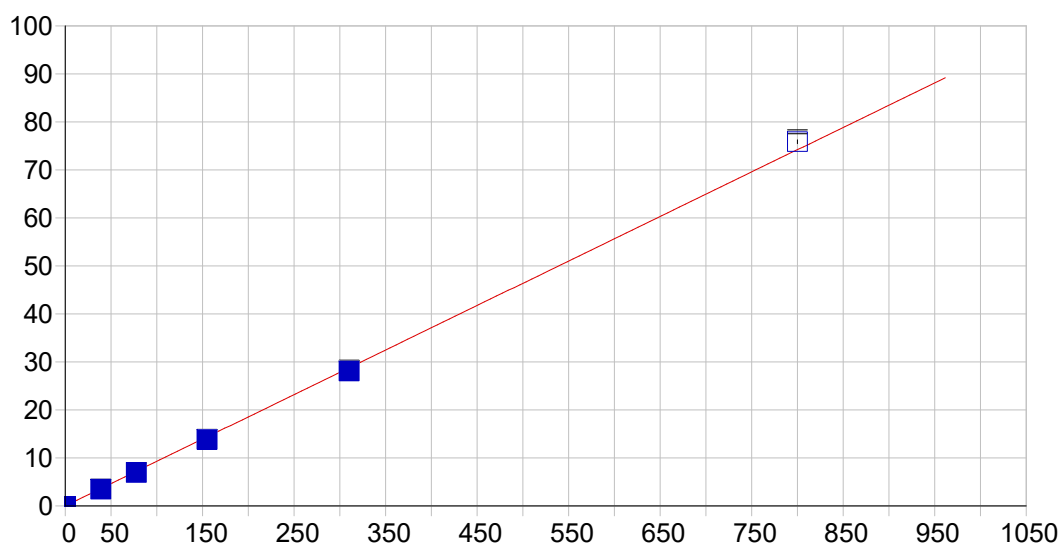


Sb 206.833 {463}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000963	Re-Slope:	1.000000
A1 (Gain):	0.127551	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999789	Status:	OK.
Std Error of Est:	0.000111		
Predicted MDL:	0.002458		
Predicted MQL:	0.008194		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00096	.000	1
S1	.06000	.05905	-.001	-1.59	.00849	.000	1
S2	1.2500	1.2077	-.042	-3.38	.15988	.001	1
S3	2.5000	2.4408	-.059	-2.37	.32203	.001	1
S4	5.0000	4.9066	-.093	-1.87	.64627	.001	1
S5	10.000	10.196	.196	1.96	1.3404	.002	1

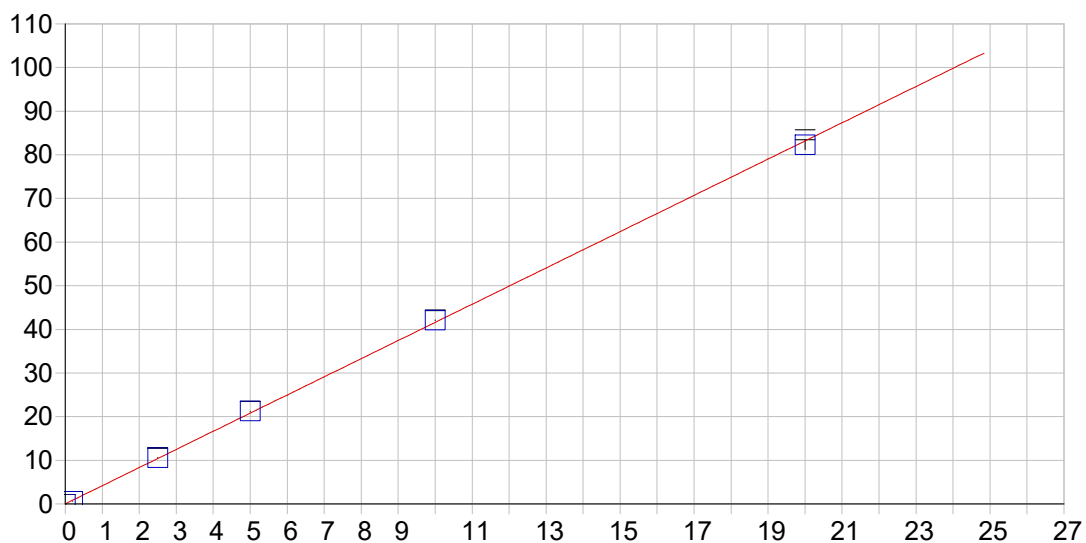


AI 396.152 { 85}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004032 Re-Slope: 1.000000
 A1 (Gain): 0.092762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.001538
 Predicted MDL: 0.011096
 Predicted MQL: 0.036987

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00403	.000	1
S1	.20000	.19510	-.005	-2.45	.02216	.001	1
S2	38.750	37.020	-1.73	-4.46	3.4419	.016	1
S3	77.500	74.575	-2.93	-3.77	6.9293	.026	1
S4	155.00	149.05	-5.95	-3.84	13.845	.036	1
S5	310.00	302.78	-7.22	-2.33	28.121	.146	1
S6	800.00	817.85	17.8	2.23	75.869	.418	1

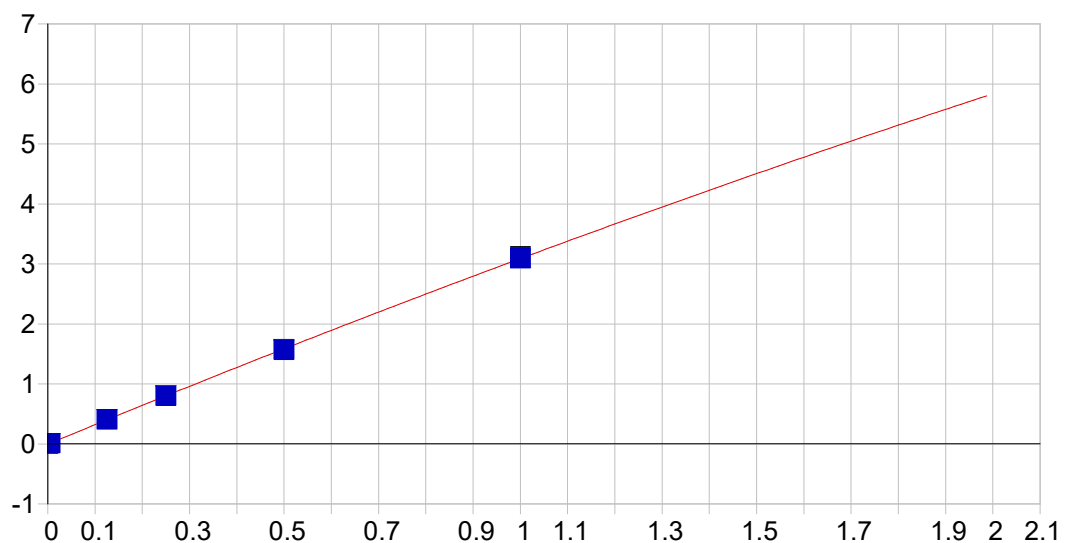


Ba 493.409 { 68}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012168 Re-Slope: 1.000000
 A1 (Gain): 4.158593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999727 Status: OK.
 Std Error of Est: 0.010335
 Predicted MDL: 0.000772
 Predicted MQL: 0.002572

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.01236	.003	1
S1	.20000	.14681	-.053	-26.6	.62268	.005	1
S2	2.5000	2.5389	.039	1.56	10.570	.068	1
S3	5.0000	5.1040	.104	2.08	21.237	.032	1
S4	10.000	10.121	.121	1.21	42.102	.051	1
S5	20.000	19.789	-.211	-1.05	82.308	1.14	1

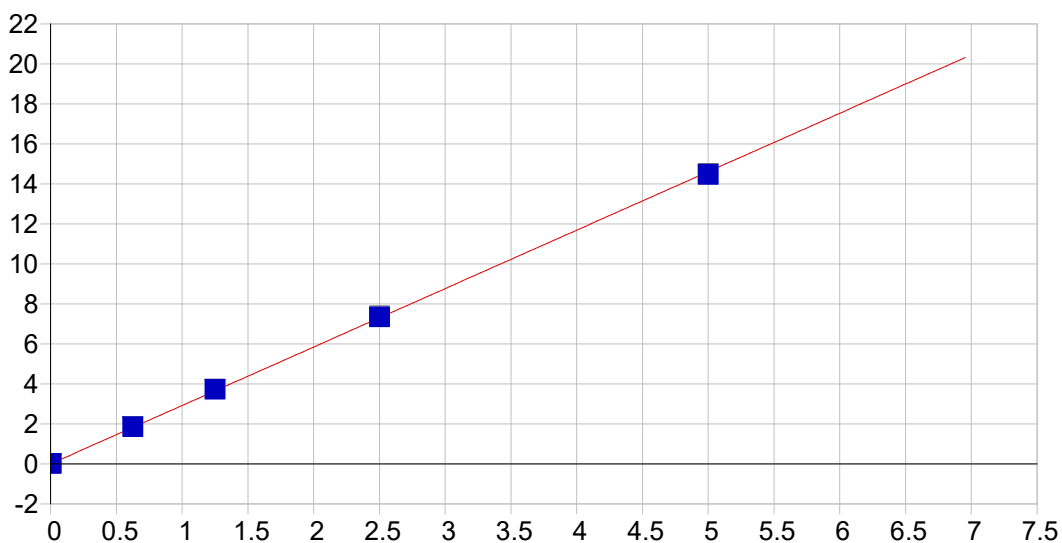


Be 234.861 {144}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.004647 Re-Slope: 1.000000
 A1 (Gain): 3.266464 Y-int: 0.000000
 A2 (Curvature): -0.173429
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.000111
 Predicted MQL: 0.000370

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00465	.000	1
S1	.00500	.00528	.000	5.50	.01257	.000	1
S2	.12500	.12670	.002	1.36	.40538	.004	1
S3	.25000	.25120	.001	.480	.80284	.001	1
S4	.50000	.49447	-.006	-1.11	1.5639	.007	1
S5	1.0000	1.0024	.002	.237	3.0869	.026	1

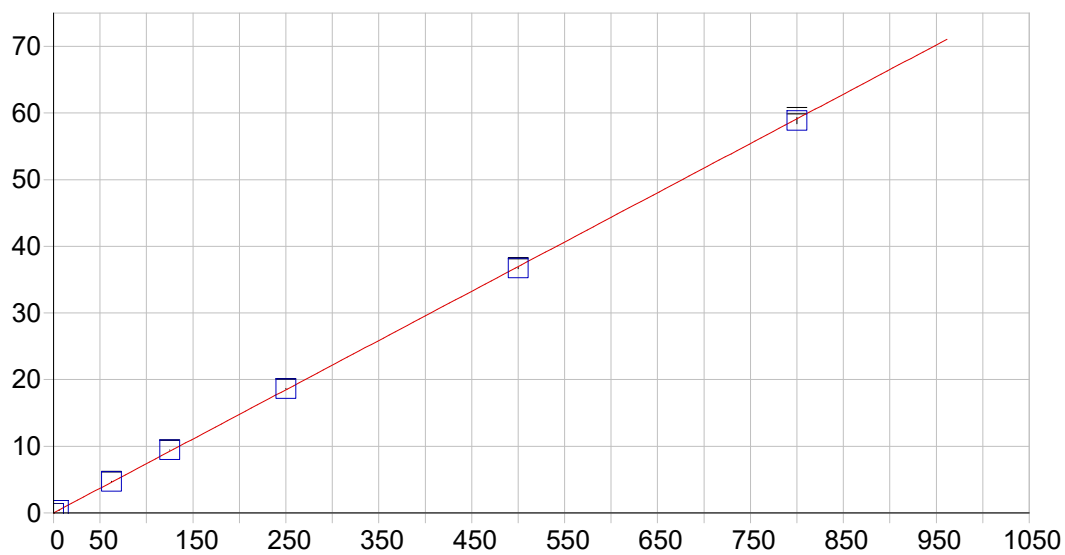


Cd 214.438 {457}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001279 Re-Slope: 1.000000
 A1 (Gain): 2.922421 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000283
 Predicted MDL: 0.000112
 Predicted MQL: 0.000375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00128	.000	1
S1	.00500	.00510	.000	2.05	.01364	.000	1
S2	.62500	.63674	.012	1.88	1.8632	.007	1
S3	1.2500	1.2741	.024	1.93	3.7295	.003	1
S4	2.5000	2.5136	.014	.544	7.3589	.029	1
S5	5.0000	4.9504	-.050	-.991	14.495	.016	1

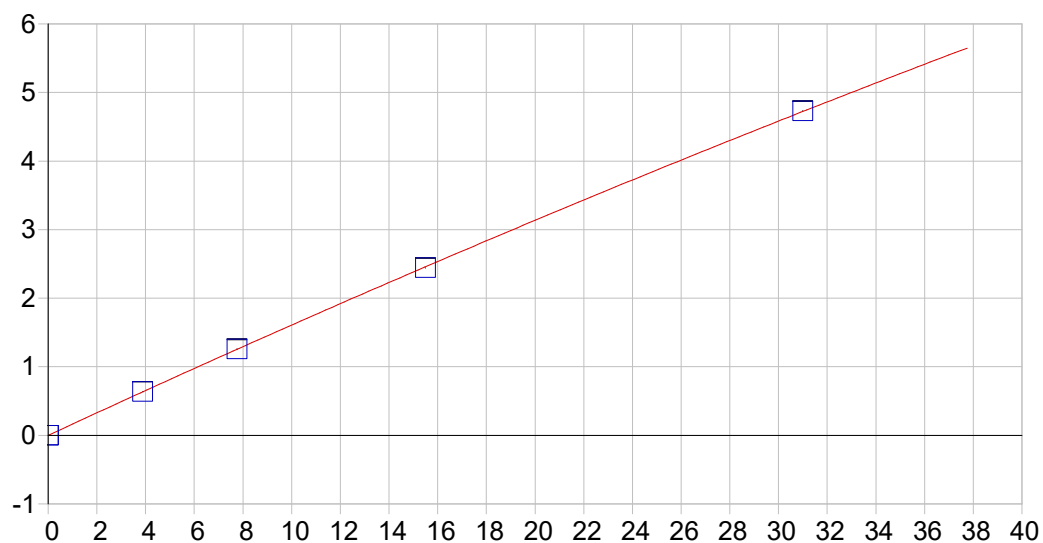


Ca 373.690 { 90}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001236 Re-Slope: 1.000000
 A1 (Gain): 0.073907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.002422
 Predicted MDL: 0.012623
 Predicted MQL: 0.042076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00053	-.001	.000	.00120	.000	1
S1	5.0000	5.3372	.337	6.74	.39570	.003	1
S2	62.500	63.694	1.19	1.91	4.7086	.032	1
S3	125.00	127.73	2.73	2.19	9.4416	.010	1
S4	250.00	252.05	2.05	.820	18.630	.048	1
S5	500.00	497.07	-2.93	-.586	36.738	.086	1
S6	800.00	796.62	-3.38	-.423	58.877	.487	1

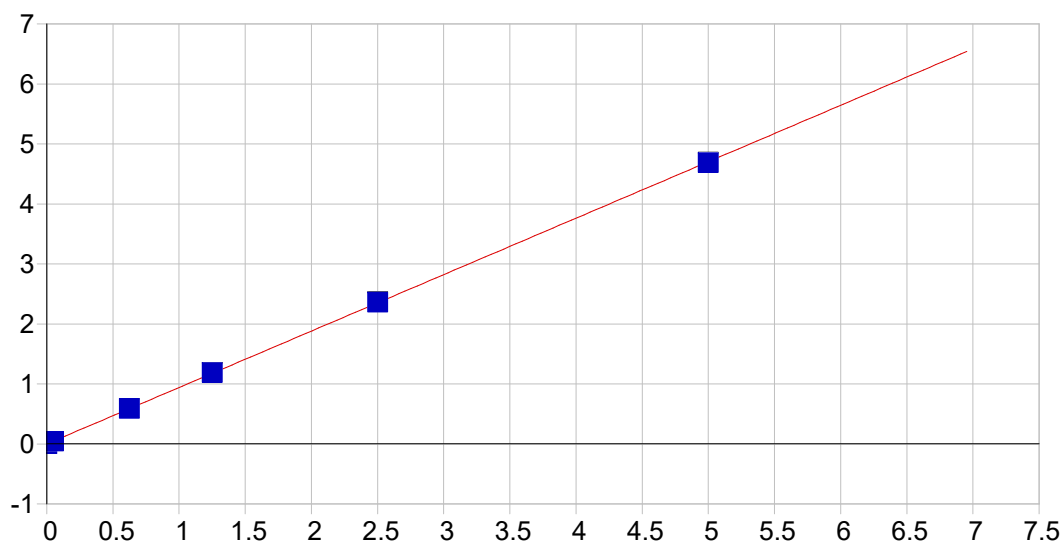


Cr 267.716 {126}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.164906 Y-int: 0.000000
 A2 (Curvature): -0.000405
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000613
 Predicted MQL: 0.002042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01062	.001	6.16	.00174	.000	1
S2	3.8750	3.9111	.036	.931	.63876	.001	1
S3	7.7500	7.7726	.023	.292	1.2573	.006	1
S4	15.500	15.396	-.104	-.669	2.4429	.003	1
S5	31.000	31.045	.045	.145	4.7291	.005	1

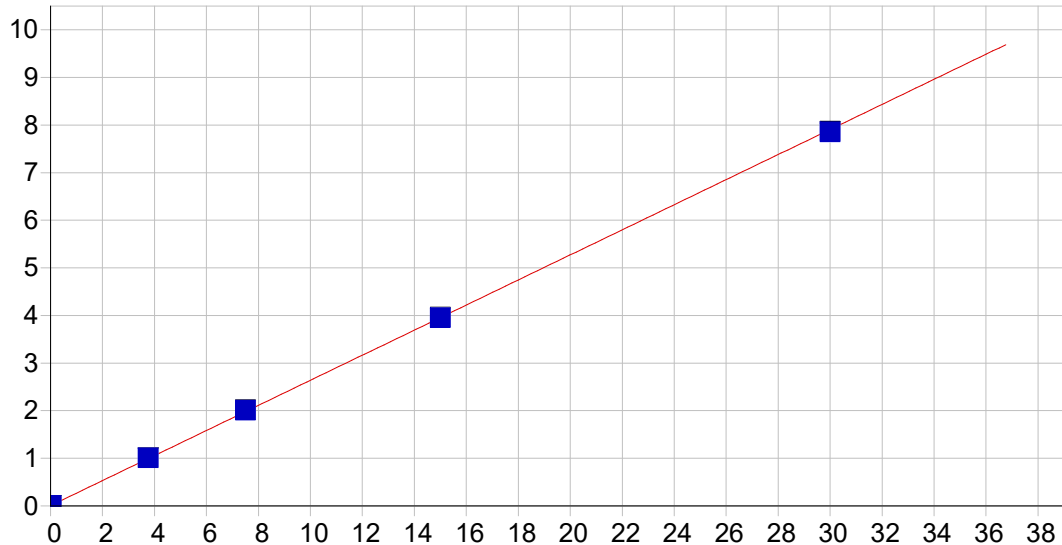


Co 228.616 {448}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000766 Re-Slope: 1.000000
 A1 (Gain): 0.940719 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000328
 Predicted MQL: 0.001093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.05000	.04847	-.002	-3.05	.04499	.000	1
S2	.62500	.62514	.000	.023	.58820	.001	1
S3	1.2500	1.2606	.011	.848	1.1869	.001	1
S4	2.5000	2.5103	.010	.410	2.3642	.009	1
S5	5.0000	4.9805	-.019	-.389	4.6916	.006	1

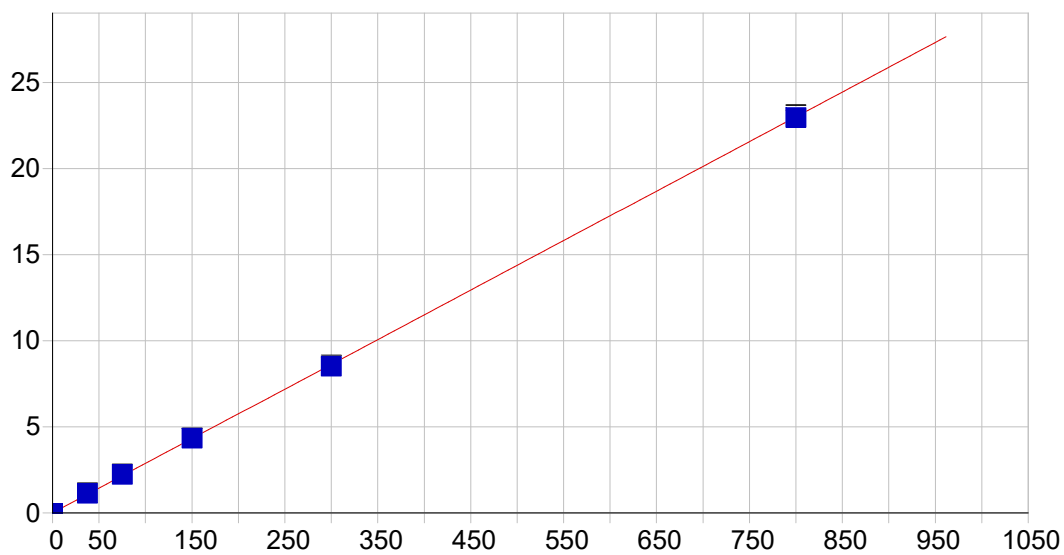


Cu 324.754 {104}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003363	Re-Slope:	1.000000
A1 (Gain):	0.263445	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	0.002438		
Predicted MQL:	0.008128		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00336	.000	1
S1	.02500	.02418	-.001	-3.26	.00972	.000	1
S2	3.7500	3.8195	.069	1.85	1.0082	.006	1
S3	7.5000	7.6229	.123	1.64	2.0089	.002	1
S4	15.000	15.002	.002	.014	3.9503	.008	1
S5	30.000	29.806	-.194	-.646	7.8450	.018	1

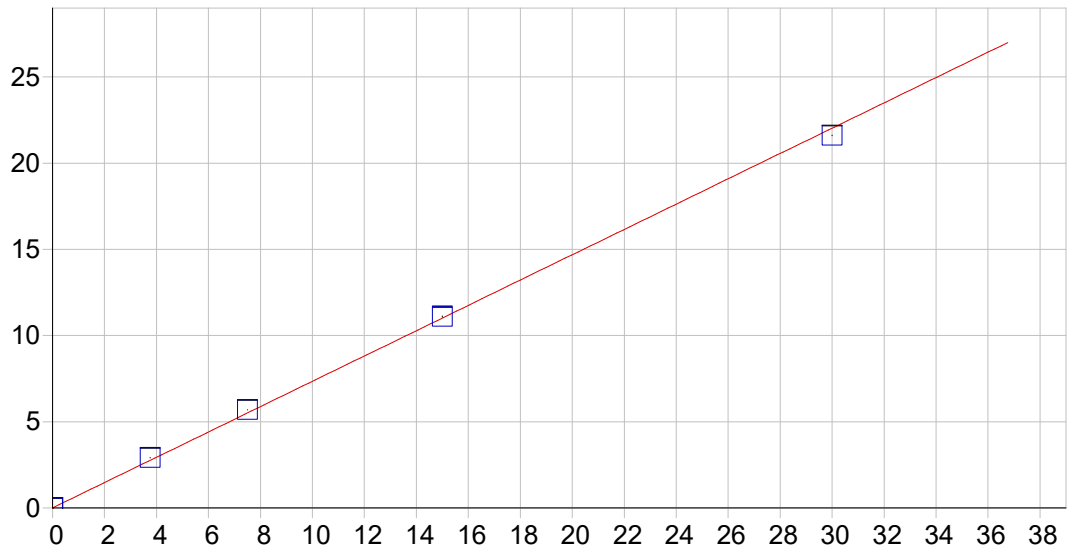


Fe 259.837 {130}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000534 Re-Slope: 1.000000
 A1 (Gain): 0.028748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.009697
 Predicted MQL: 0.032324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00053	.000	1
S1	.10000	.09791	-.002	-2.09	.00336	.000	1
S2	37.500	39.616	2.12	5.64	1.1407	.005	1
S3	75.000	77.777	2.78	3.70	2.2390	.015	1
S4	150.00	150.79	.788	.525	4.3404	.007	1
S5	300.00	296.02	-3.98	-1.33	8.5206	.061	1
S6	800.00	798.30	-1.70	-.212	22.966	.155	1

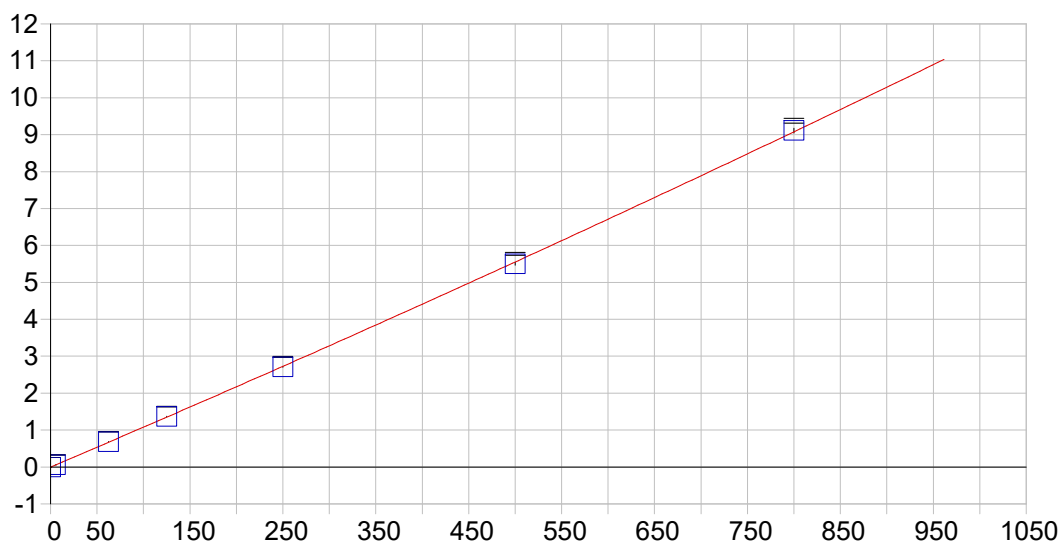


Mn 257.610 {131}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000962 Re-Slope: 1.000000
 A1 (Gain): 0.734357 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709 Status: OK.
 Std Error of Est: 0.000630
 Predicted MDL: 0.000436
 Predicted MQL: 0.001452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00096	.000	1
S1	.01500	.01678	.002	11.9	.01328	.000	1
S2	3.7500	3.9590	.209	5.57	2.9082	.018	1
S3	7.5000	7.7551	.255	3.40	5.6960	.007	1
S4	15.000	15.117	.117	.782	11.102	.038	1
S5	30.000	29.417	-.583	-1.94	21.603	.020	1

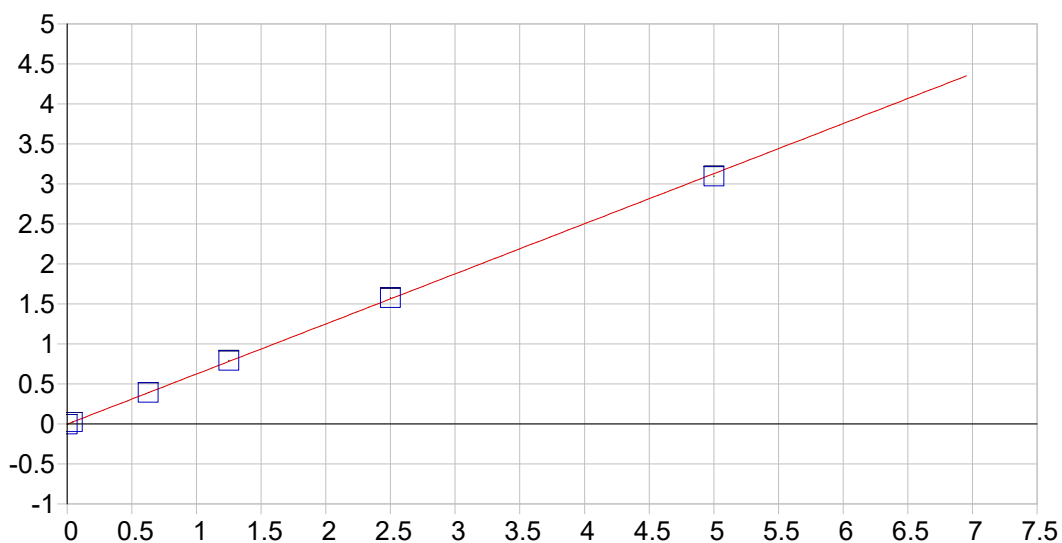


Mg 279.079 {121}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000236 Re-Slope: 1.000000
 A1 (Gain): 0.010700 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: Warning Positive Curvature
 Std Error of Est: 0.000376
 Predicted MDL: 0.031337
 Predicted MQL: 0.104455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00054	-.001	.000	-.00024	.000	1
S1	5.0000	5.4519	.452	9.04	.05812	.001	1
S2	62.500	63.541	1.04	1.66	.68293	.003	1
S3	125.00	126.47	1.47	1.17	1.3660	.008	1
S4	250.00	248.76	-1.24	-.495	2.7117	.012	1
S5	500.00	495.54	-4.46	-.892	5.5010	.040	1
S6	800.00	802.75	2.75	.343	9.1110	.064	1

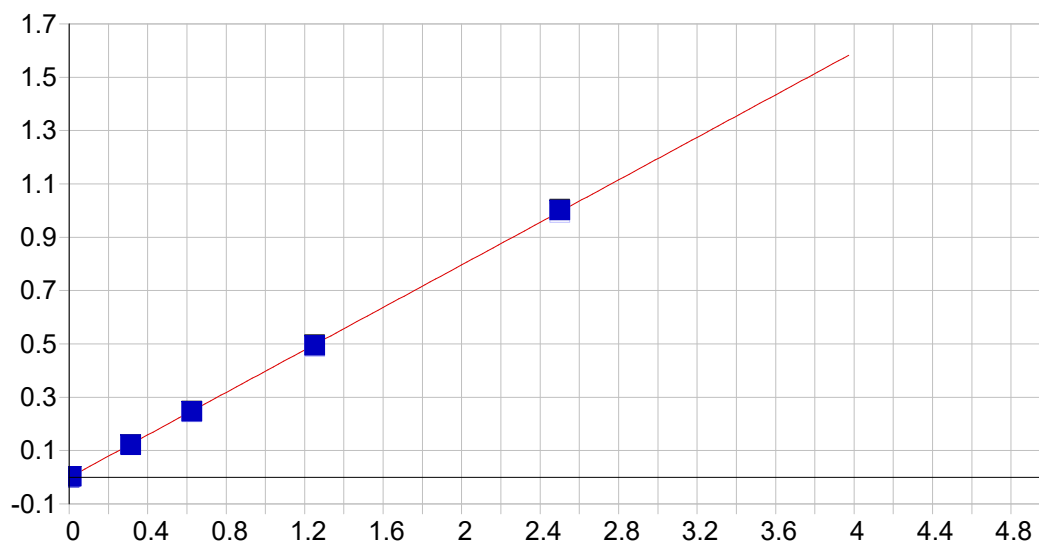


Ni 231.604 {446}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002261	Re-Slope:	1.000000
A1 (Gain):	0.626021	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000173		
Predicted MDL:	0.000573		
Predicted MQL:	0.001911		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00226	.000	1
S1	.04000	.04309	.003	7.72	.02471	.000	1
S2	.62500	.63102	.006	.963	.39277	.001	1
S3	1.2500	1.2696	.020	1.57	.79253	.003	1
S4	2.5000	2.5210	.021	.838	1.5759	.005	1
S5	5.0000	4.9503	-.050	-.993	3.0968	.005	1

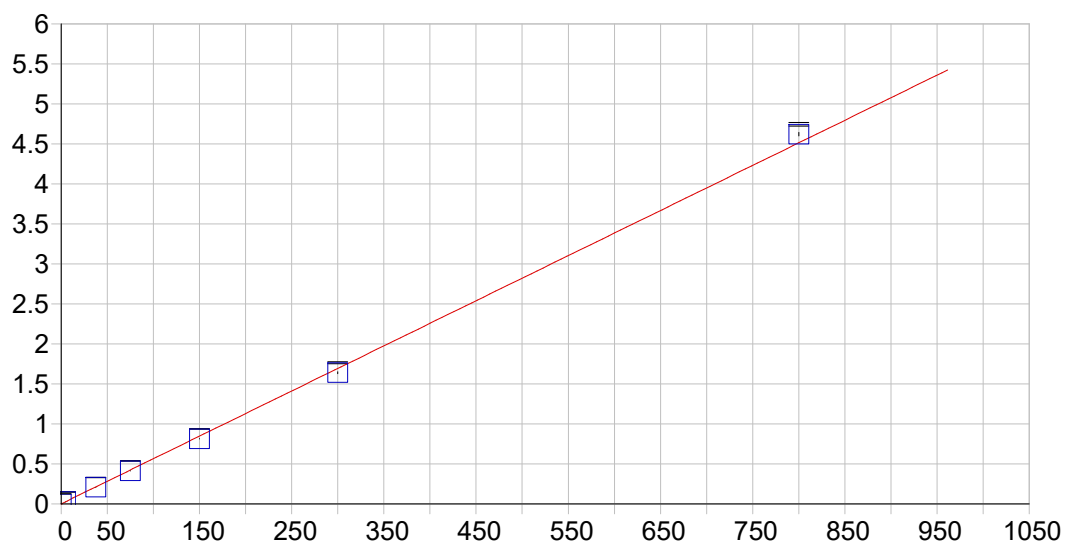


Ag 328.068 {103}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000789	Re-Slope:	1.000000
A1 (Gain):	0.398521	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.000480		
Predicted MQL:	0.001599		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.01000	.00975	-.000	-2.51	.00307	.000	1
S2	.31250	.30792	-.005	-1.46	.12060	.000	1
S3	.62500	.62085	-.004	-.663	.24398	.001	1
S4	1.2500	1.2424	-.008	-.611	.48902	.002	1
S5	2.5000	2.5166	.017	.664	.99153	.003	1

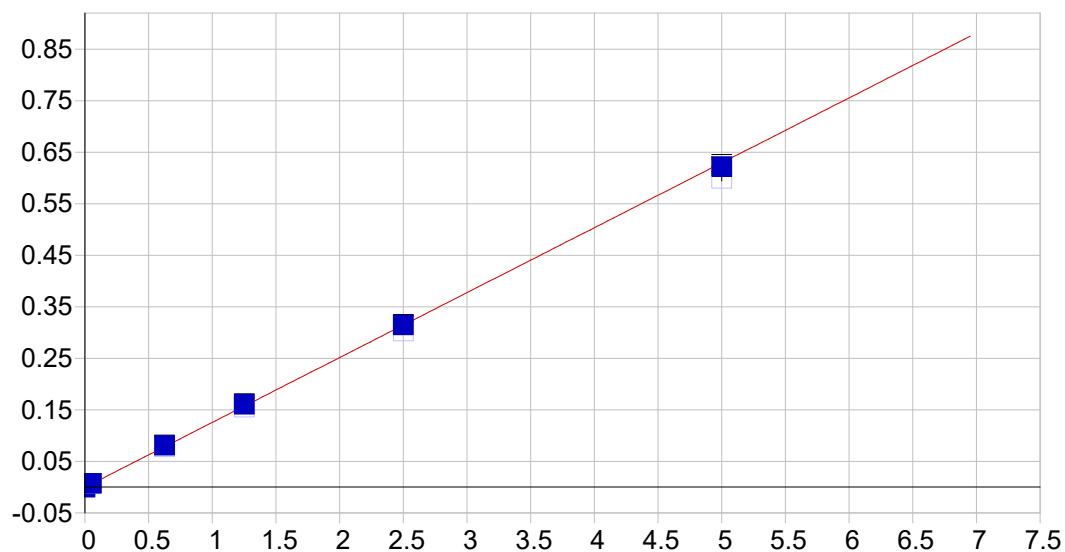


Na 818.326 { 41}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001304	Re-Slope:	1.000000
A1 (Gain):	0.005640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999591	Status:	OK.
Std Error of Est:	0.000499		
Predicted MDL:	0.314145		
Predicted MQL:	1.047149		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00104	.001	.000	.00131	.001	1
S1	5.0000	4.4820	-.518	-10.4	.02658	.002	1
S2	37.500	36.356	-1.14	-3.05	.20636	.001	1
S3	75.000	72.931	-2.07	-2.76	.41266	.002	1
S4	150.00	144.02	-5.98	-3.99	.81364	.003	1
S5	300.00	290.74	-9.26	-3.09	1.6412	.011	1
S6	800.00	818.97	19.0	2.37	4.6206	.022	1

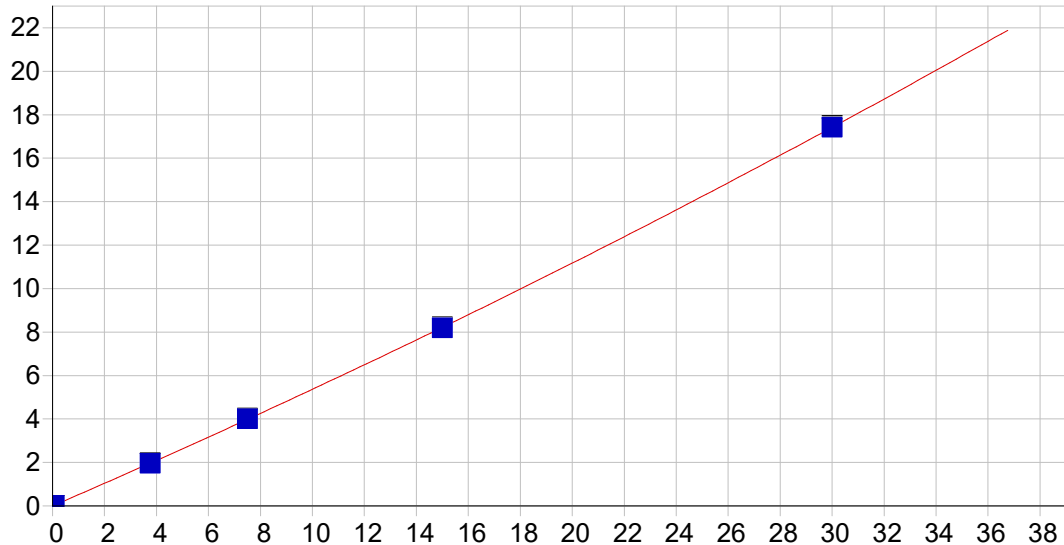


V 292.402 {115}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000397	Re-Slope:	1.000000
A1 (Gain):	0.125957	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999798	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.003289		
Predicted MQL:	0.010964		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00040	.000	1
S1	.05000	.05839	.008	16.8	.00694	.000	1
S2	.62500	.64672	.022	3.48	.07817	.000	1
S3	1.2500	1.2788	.029	2.31	.15489	.001	1
S4	2.5000	2.5004	.000	.017	.30296	.001	1
S5	5.0000	4.9403	-.060	-1.19	.59870	.005	1

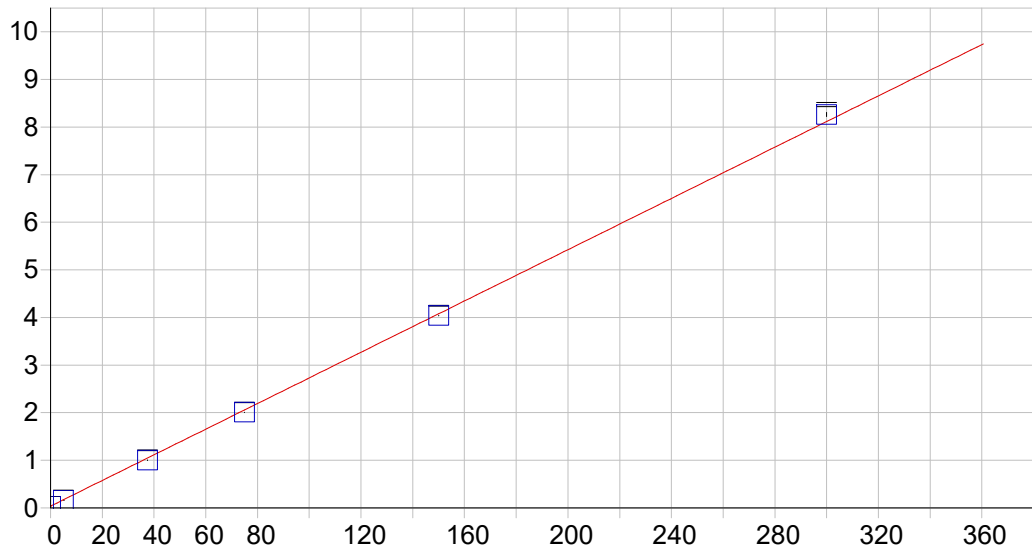


Zn 213.856 {158}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000652 Re-Slope: 1.000000
 A1 (Gain): 0.514669 Y-int: 0.000000
 A2 (Curvature): 0.002199
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: Warning Positive Curvature
 Std Error of Est: 0.000087
 Predicted MDL: 0.002012
 Predicted MQL: 0.006706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.06000	.05988	-.000	-.194	.03158	.000	1
S2	3.7500	3.7497	-.000	-.009	1.9629	.010	1
S3	7.5000	7.5272	.027	.363	4.0023	.029	1
S4	15.000	14.962	-.038	-.252	8.1994	.037	1
S5	30.000	30.011	.011	.037	17.439	.060	1

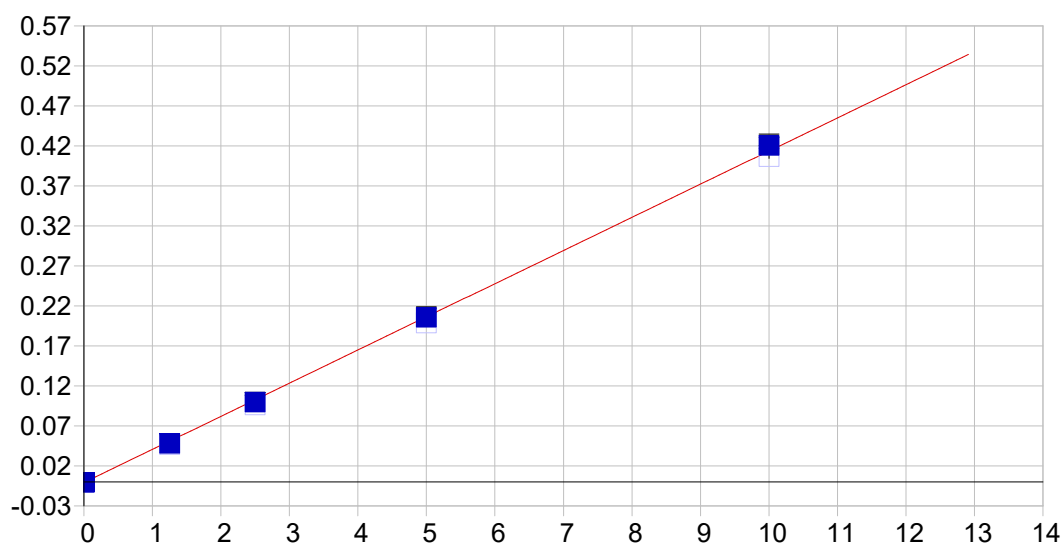


K 769.896 { 44}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.038394	Re-Slope:	1.000000
A1 (Gain):	0.026928	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999754	Status:	OK.
Std Error of Est:	0.001232		
Predicted MDL:	0.067621		
Predicted MQL:	0.225404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	.03842	.002	1
S1	5.0000	4.5393	-.461	-9.21	.16063	.000	1
S2	37.500	35.787	-1.71	-4.57	1.0021	.006	1
S3	75.000	73.122	-1.88	-2.50	2.0074	.004	1
S4	150.00	148.61	-1.39	-.926	4.0402	.008	1
S5	300.00	305.44	5.44	1.81	8.2633	.043	1

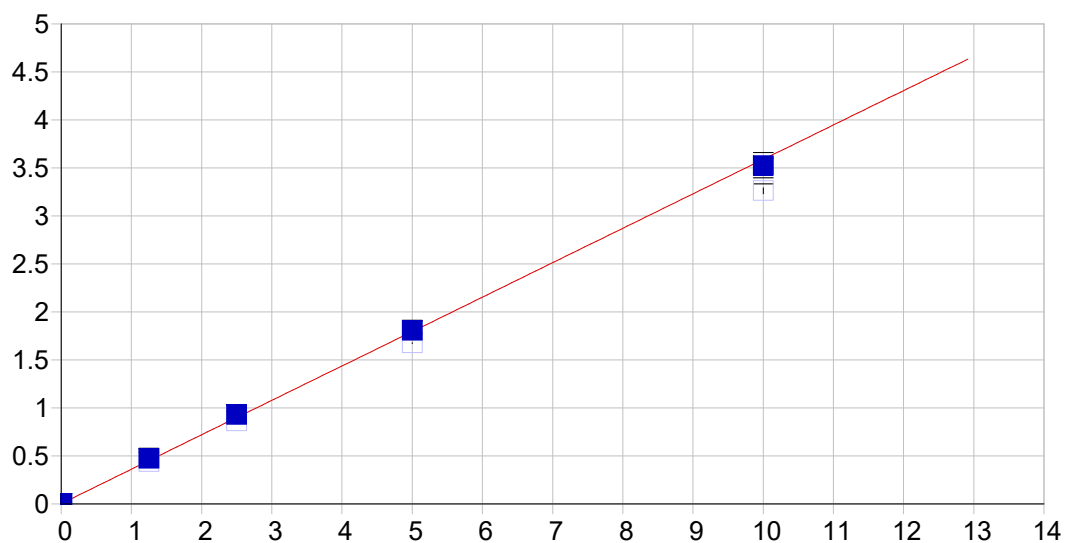


P 177.495 {490}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000868 Re-Slope: 1.000000
 A1 (Gain): 0.041443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003743
 Predicted MQL: 0.012475

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00087	.000	1
S1	.01000	.01074	.001	7.41	-.00043	.000	1
S2	1.2500	1.1812	-.069	-5.51	.04631	.000	1
S3	2.5000	2.4223	-.078	-3.11	.09597	.000	1
S4	5.0000	4.9803	-.020	-.394	.19843	.001	1
S5	10.000	10.166	.166	1.66	.40622	.002	1

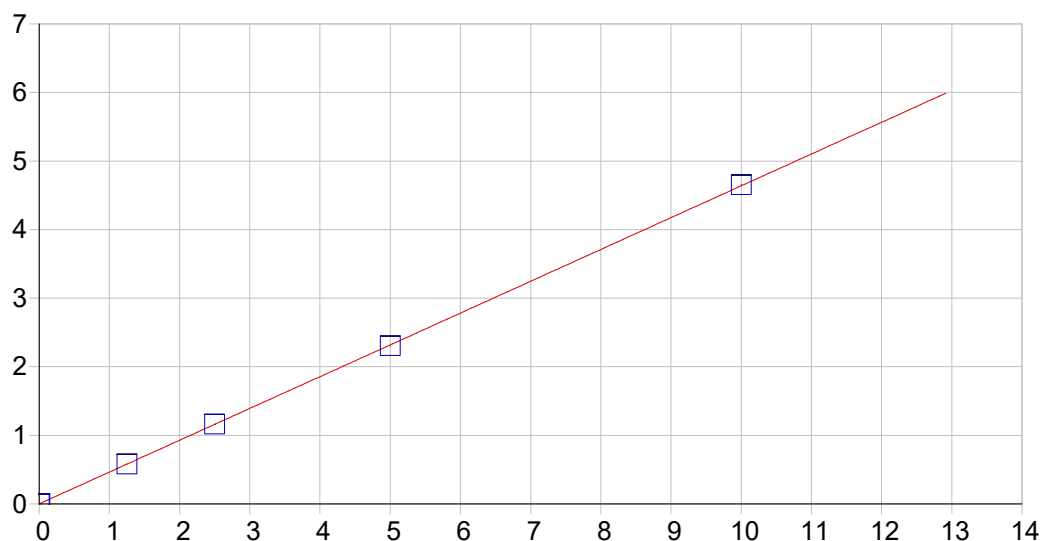


B 249.678 {135}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002759 Re-Slope: 1.000000
 A1 (Gain): 0.358539 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.001201
 Predicted MQL: 0.004004

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00276	.000	1
S1	.01000	.01075	.001	7.54	.00656	.001	1
S2	1.2500	1.3082	.058	4.66	.43903	.006	1
S3	2.5000	2.5858	.086	3.43	.86429	.002	1
S4	5.0000	5.0324	.032	.647	1.6759	.005	1
S5	10.000	9.8228	-.177	-1.77	3.2623	.032	1

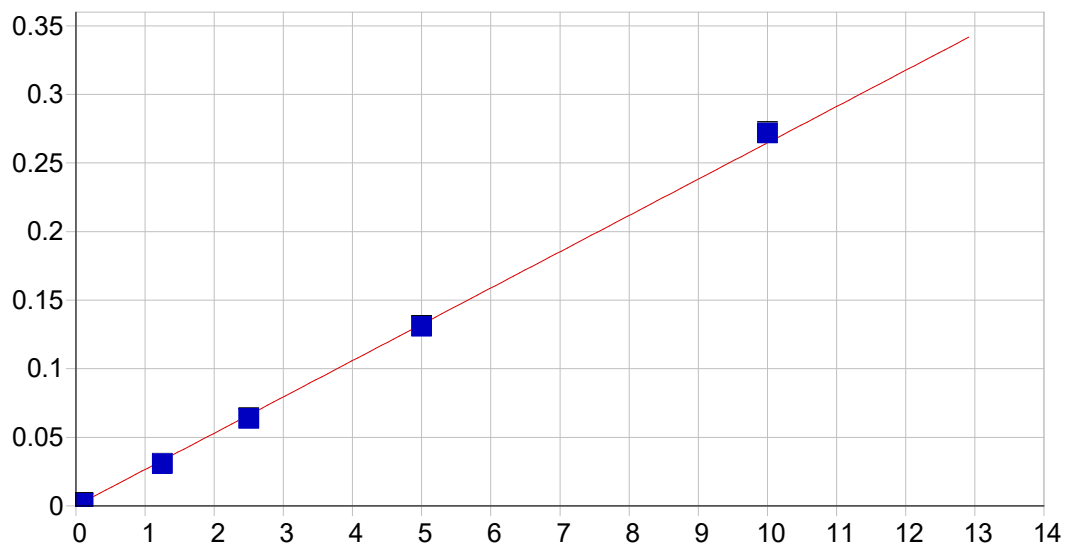


Mo 202.030 {467}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000643	Re-Slope:	1.000000
A1 (Gain):	0.463730	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.000526		
Predicted MQL:	0.001753		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.01000	.01059	.001	5.93	.00556	.000	1
S2	1.2500	1.2507	.001	.060	.58065	.000	1
S3	2.5000	2.5032	.003	.130	1.1615	.001	1
S4	5.0000	4.9658	-.034	-.684	2.3034	.001	1
S5	10.000	10.030	.030	.296	4.6517	.005	1

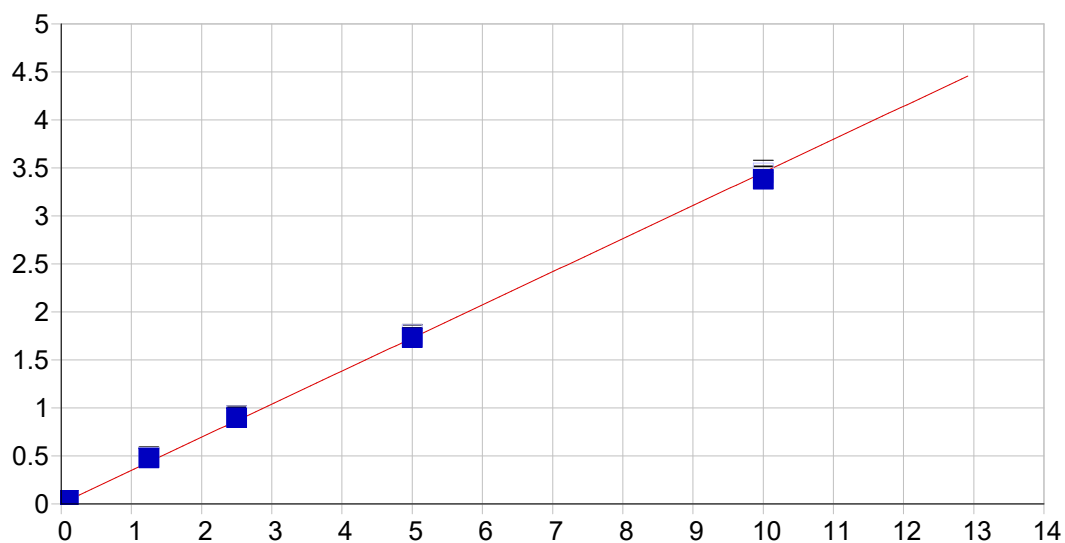


S 182.034 {485}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.026458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999325 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.006489
 Predicted MQL: 0.021628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00010	.000	1
S1	.10000	.07342	-.027	-26.6	.00204	.000	1
S2	1.2500	1.1601	-.090	-7.19	.03079	.000	1
S3	2.5000	2.3993	-.101	-4.03	.06357	.001	1
S4	5.0000	4.9471	-.053	-1.06	.13097	.000	1
S5	10.000	10.270	.270	2.70	.27179	.001	1

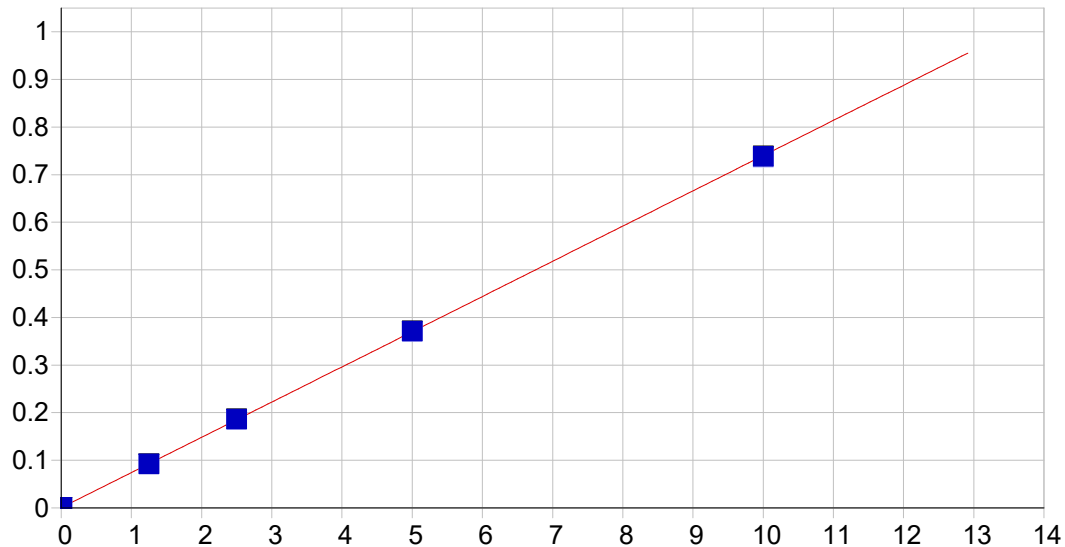


Si 251.611 {134}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004839 Re-Slope: 1.000000
 A1 (Gain): 0.344779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999530 Status: OK.
 Std Error of Est: 0.000573
 Predicted MDL: 0.001312
 Predicted MQL: 0.004373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00483	.000	1
S1	.10000	.10285	.003	2.85	.04068	.000	1
S2	1.2500	1.3651	.115	9.21	.48389	.005	1
S3	2.5000	2.5912	.091	3.65	.91506	.003	1
S4	5.0000	5.0014	.001	.029	1.7628	.004	1
S5	10.000	9.7894	-.211	-2.11	3.4473	.030	1

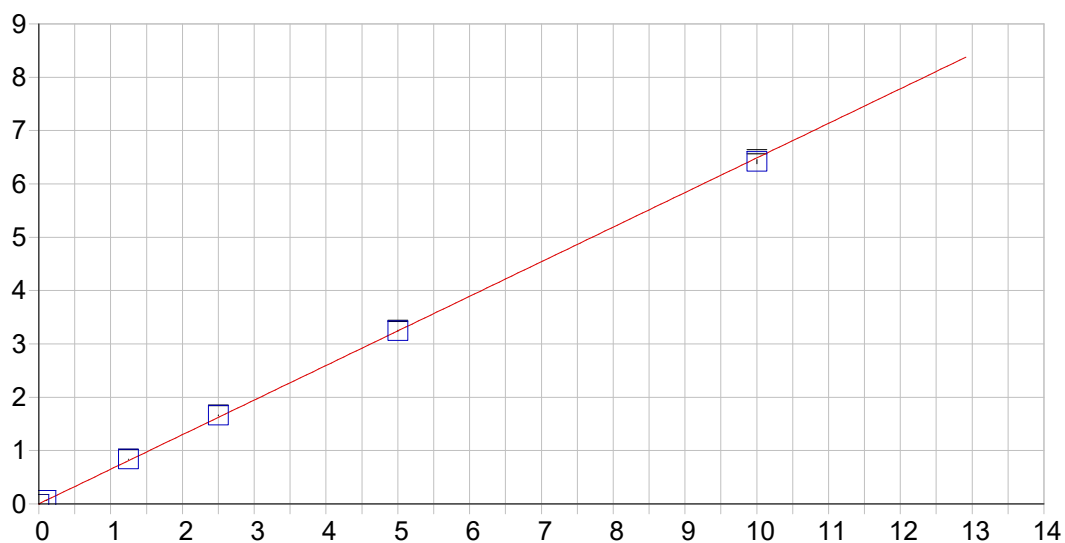


Sn 189.989 {478}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000340	Re-Slope:	1.000000
A1 (Gain):	0.073963	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.001973		
Predicted MQL:	0.006576		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.00700	.00621	-.001	-11.3	.00078	.000	1
S2	1.2500	1.2420	-.008	-.641	.09195	.000	1
S3	2.5000	2.5144	.014	.577	.18581	.000	1
S4	5.0000	5.0159	.016	.319	.37033	.000	1
S5	10.000	9.9784	-.022	-.216	.73636	.001	1

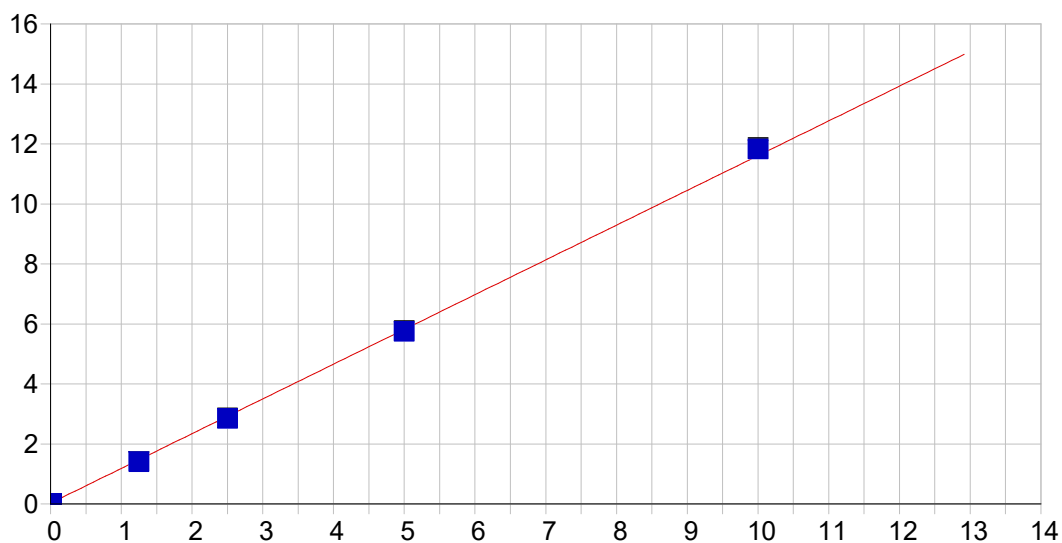


Ti 336.121 {100}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001086	Re-Slope:	1.000000
A1 (Gain):	0.648580	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.000494		
Predicted MDL:	0.001119		
Predicted MQL:	0.003729		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00108	.001	1
S1	.10000	.10366	.004	3.66	.06832	.000	1
S2	1.2500	1.2894	.039	3.15	.83736	.003	1
S3	2.5000	2.5589	.059	2.36	1.6607	.007	1
S4	5.0000	5.0030	.003	.061	3.2460	.009	1
S5	10.000	9.8950	-.105	-1.05	6.4188	.038	1

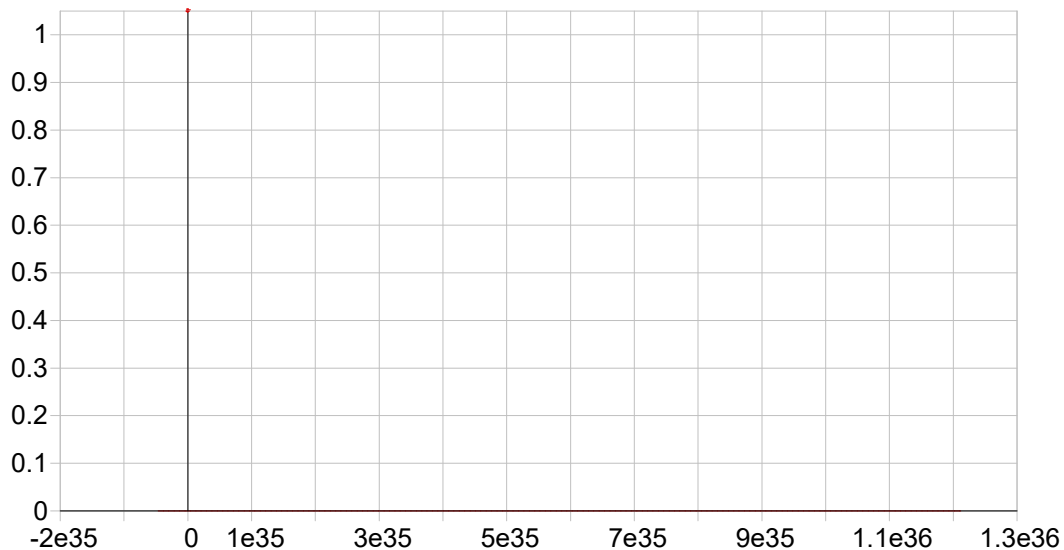


Li 670.784 { 50}

Date of Fit: 04/13/2021 14:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025248 Re-Slope: 1.000000
 A1 (Gain): 1.158328 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000588
 Predicted MDL: 0.001626
 Predicted MQL: 0.005421

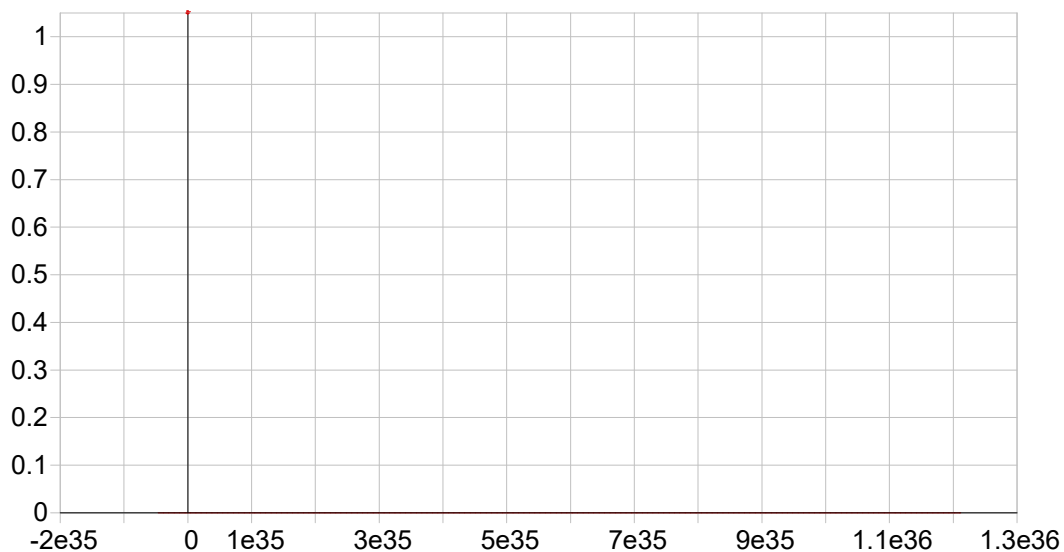
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02526	.002	1
S5	10.000	10.190	.190	1.90	11.816	.043	1
S4	5.0000	4.9425	-.057	-1.15	5.7440	.017	1
S3	2.5000	2.4337	-.066	-2.65	2.8412	.013	1
S2	1.2500	1.1904	-.060	-4.77	1.4025	.007	1
S1	.01500	.00874	-.006	-41.7	.03528	.001	1



**Y 224.306 {450}*
 100**

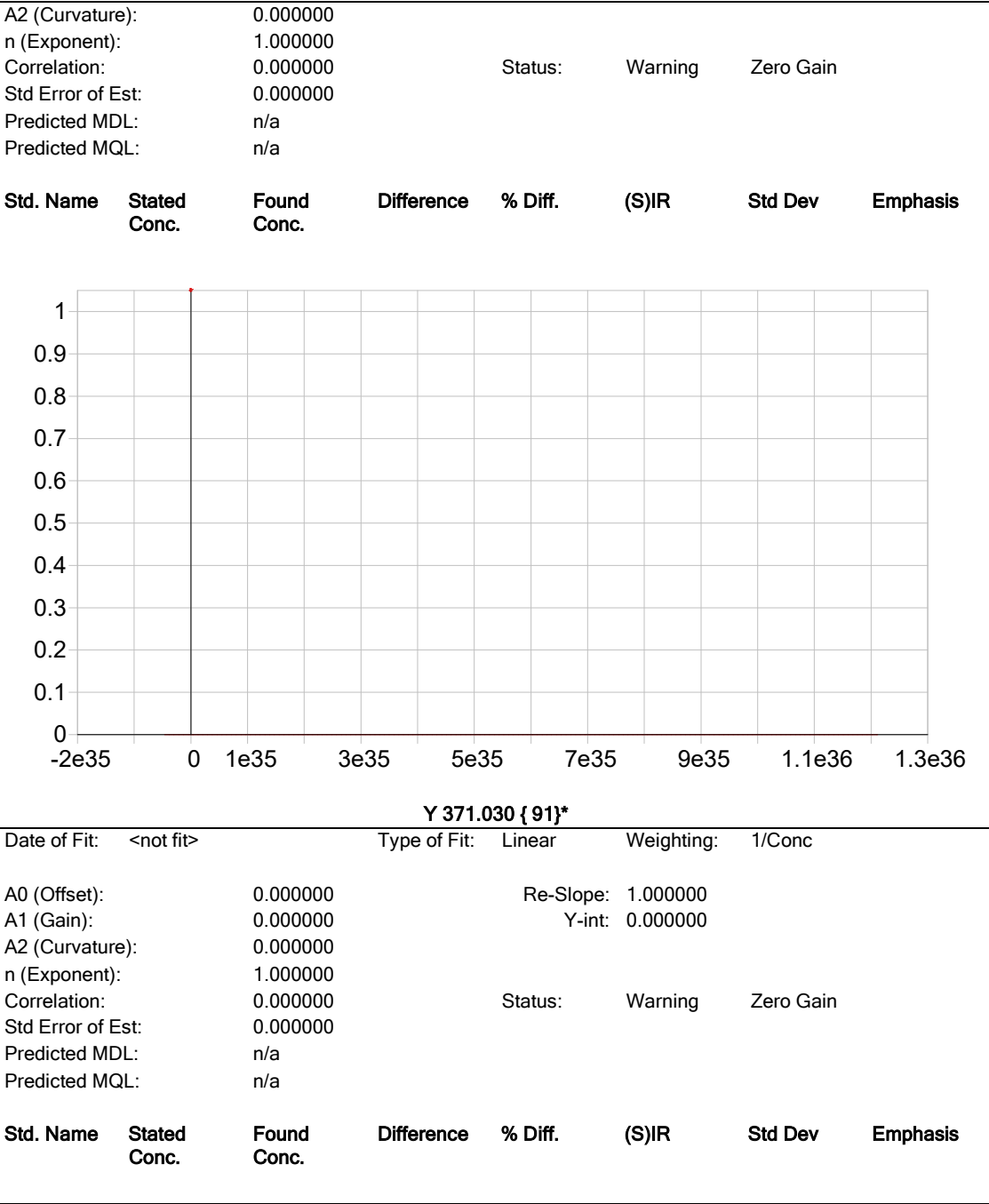
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

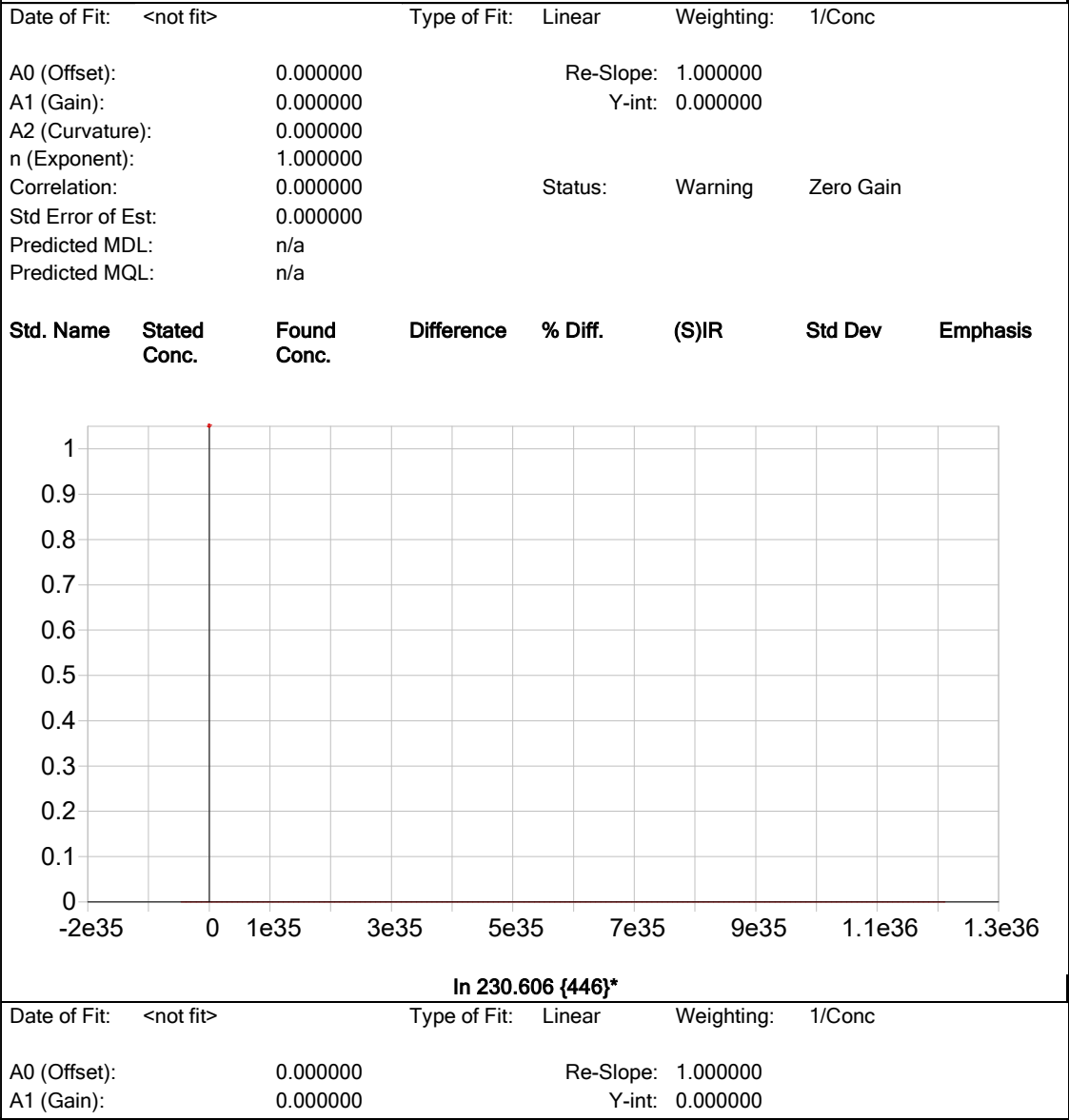
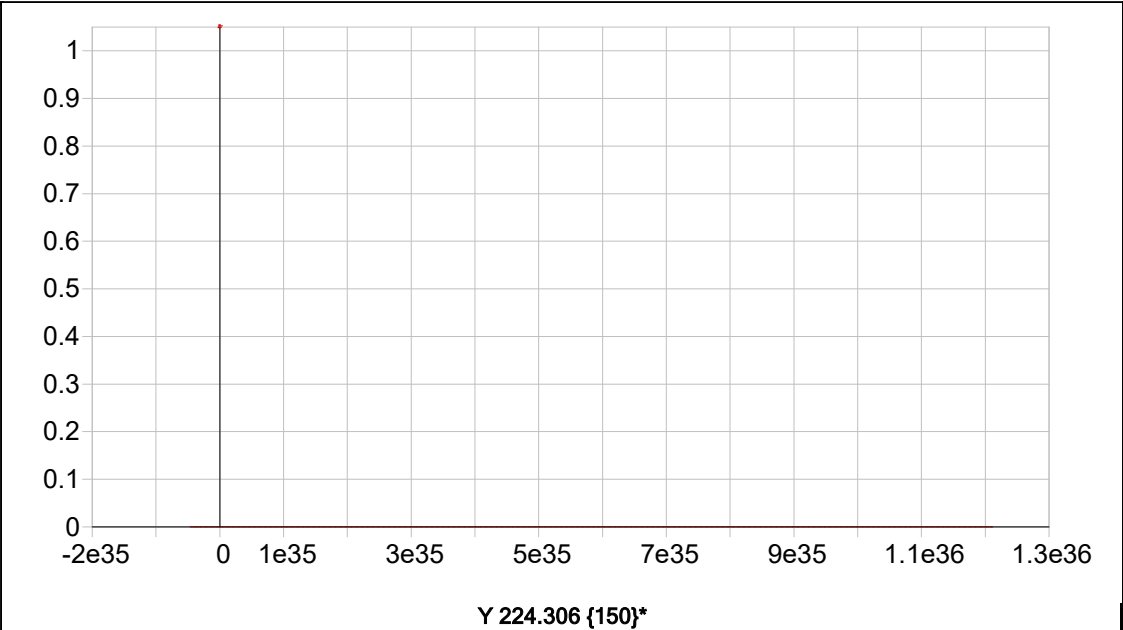
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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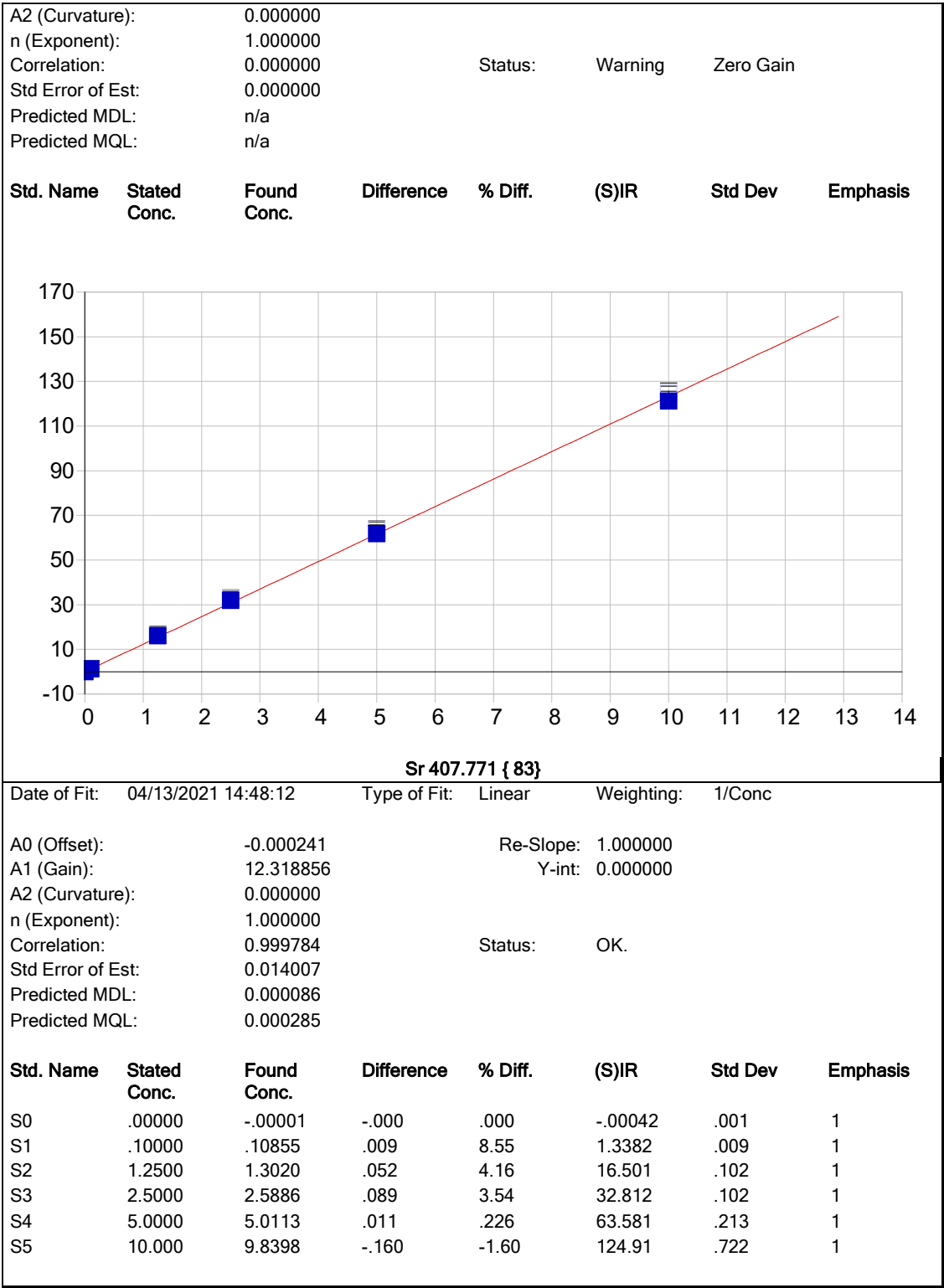


Y 360.073 { 94}*

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







Sample Name: S0 Acquired: 04/13/2021 11:46:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 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	-.00071	-.00158	.00111	.00099	.00096	.00403	.01236	-.00465
Stddev	.00026	.00006	.00013	.00022	.00018	.00018	.00308	.00045
%RSD	37.197	3.8170	11.982	22.310	18.430	4.3732	24.908	9.7242
#1	-.00042	-.00164	.00101	.00113	.00079	.00403	.00952	-.00425
#2	-.00078	-.00157	.00105	.00110	.00095	.00386	.01192	-.00455
#3	-.00093	-.00152	.00126	.00073	.00115	.00421	.01563	-.00514
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	-.00128	.00120	-.00001	-.00077	.00336	.00053	.00096	-.00024
Stddev	.00023	.00033	.00009	.00017	.00049	.00005	.00012	.00027
%RSD	18.310	27.792	1198.0	21.676	14.542	9.7834	12.669	113.17
#1	-.00155	.00101	.00003	-.00078	.00393	.00059	.00104	-.00030
#2	-.00119	.00158	.00005	-.00092	.00304	.00050	.00082	-.00048
#3	-.00111	.00100	-.00011	-.00059	.00313	.00051	.00102	.00006
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	-.00226	-.00079	.00131	-.00040	.00065	.03842	-.00087	.00276
Stddev	.00034	.00012	.00078	.00005	.00029	.00175	.00005	.00039
%RSD	15.131	14.759	59.391	12.446	43.807	4.5500	6.0593	14.149
#1	-.00202	-.00072	.00219	-.00040	.00090	.03677	-.00087	.00260
#2	-.00211	-.00072	.00103	-.00035	.00072	.03822	-.00081	.00320
#3	-.00266	-.00092	.00071	-.00045	.00034	.04025	-.00092	.00247
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	.00064	.00010	.00483	.00034	.00108	.02526	-.00042	
Stddev	.00013	.00001	.00036	.00006	.00056	.00161	.00117	
%RSD	19.903	8.6733	7.4243	18.334	51.575	6.3939	276.37	
#1	.00053	.00011	.00522	.00027	.00088	.02570	-.00104	
#2	.00062	.00010	.00478	.00039	.00171	.02346	.00093	
#3	.00078	.00009	.00450	.00035	.00065	.02660	-.00116	

Sample Name: S0 Acquired: 04/13/2021 11:46:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 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	1856.2	30398.	5994.6	1035.2	2298.7
Stddev	2.8	59.	87.8	2.0	5.0
%RSD	.15029	.19436	1.4652	.19184	.21968
#1	1853.7	30331.	6022.0	1033.4	2293.3
#2	1859.2	30442.	6065.5	1035.0	2299.5
#3	1855.7	30422.	5896.3	1037.3	2303.2

Sample Name: S1 Acquired: 04/13/2021 11:50:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00033	-.00020	.00367	.00267	.00849	.02216	.62268	.01257
Stddev	.00011	.00023	.00027	.00001	.00015	.00080	.00459	.00020
%RSD	34.213	118.86	7.4890	.29358	1.7379	3.6045	.73650	1.5909
#1	-.00021	.00007	.00344	.00266	.00863	.02279	.61823	.01280
#2	-.00043	-.00032	.00397	.00266	.00834	.02126	.62242	.01249
#3	-.00035	-.00034	.00358	.00268	.00852	.02243	.62739	.01242
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	.01364	.39570	.00174	.04499	.00972	.00336	.01328	.05812
Stddev	.00011	.00317	.00010	.00011	.00027	.00014	.00044	.00082
%RSD	.80507	.80064	5.8868	.24374	2.7689	4.1663	3.3047	1.4138
#1	.01352	.39532	.00186	.04499	.00945	.00324	.01283	.05887
#2	.01371	.39273	.00171	.04489	.00972	.00333	.01371	.05724
#3	.01370	.39903	.00166	.04511	.00999	.00351	.01331	.05826
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	.02471	.00307	.02658	.00694	.03158	.16063	-.00043	.00656
Stddev	.00029	.00013	.00163	.00029	.00035	.00033	.00011	.00056
%RSD	1.1897	4.1976	6.1419	4.2133	1.1238	.20821	25.174	8.5027
#1	.02455	.00318	.02538	.00717	.03140	.16102	-.00054	.00662
#2	.02505	.00293	.02593	.00661	.03199	.16046	-.00032	.00709
#3	.02454	.00310	.02844	.00704	.03135	.16041	-.00044	.00598
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	.00556	.00204	.04068	.00078	.06832	.03528	1.3382	
Stddev	.00011	.00020	.00049	.00013	.00039	.00127	.0095	
%RSD	2.0438	9.7616	1.2152	16.698	.57555	3.6071	.70615	
#1	.00562	.00223	.04077	.00090	.06844	.03498	1.3387	
#2	.00562	.00205	.04014	.00081	.06788	.03418	1.3284	
#3	.00542	.00184	.04112	.00064	.06864	.03667	1.3473	

Sample Name: S1 Acquired: 04/13/2021 11:50:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.9	30498.	6056.2	1046.3	2291.0
Stddev	2.9	108.	44.1	2.5	.4
%RSD	.15572	.35277	.72785	.23514	.01704
#1	1851.0	30621.	6040.9	1047.0	2291.4
#2	1847.2	30420.	6105.8	1043.6	2290.8
#3	1845.3	30452.	6021.8	1048.4	2290.7

Sample Name: S2 Acquired: 04/13/2021 11:55:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04202	.07545	1.4271	.05898	.15988	3.4419	10.570	.40538
Stddev	.00056	.00036	.0014	.00049	.00080	.0162	.068	.00377
%RSD	1.3270	.47177	.10134	.83254	.50201	.46919	.64084	.93098

#1	.04195	.07504	1.4282	.05937	.16028	3.4600	10.648	.40974
#2	.04150	.07562	1.4255	.05843	.16040	3.4365	10.522	.40326
#3	.04261	.07569	1.4278	.05916	.15895	3.4291	10.542	.40315

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	1.8632	4.7086	.63876	.58820	1.0082	1.1407	2.9082	.68293
Stddev	.0071	.0317	.00098	.00086	.0060	.0049	.0176	.00317
%RSD	.38236	.67354	.15349	.14645	.59804	.42816	.60552	.46451

#1	1.8550	4.7453	.63824	.58740	1.0147	1.1463	2.9286	.68646
#2	1.8665	4.6904	.63814	.58911	1.0072	1.1376	2.8972	.68031
#3	1.8680	4.6903	.63989	.58809	1.0028	1.1381	2.8990	.68202

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	.39277	.12060	.20636	.07817	1.9629	1.0021	.04631	.43903
Stddev	.00095	.00026	.00119	.00040	.0096	.0064	.00011	.00556
%RSD	.24164	.21317	.57745	.50937	.48790	.63968	.22687	1.2673

#1	.39248	.12034	.20756	.07851	1.9558	1.0094	.04619	.44537
#2	.39383	.12062	.20635	.07773	1.9738	.99910	.04639	.43675
#3	.39200	.12085	.20518	.07826	1.9592	.99771	.04634	.43497

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	.58065	.03079	.48389	.09195	.83736	1.4025	16.501
Stddev	.00036	.00026	.00520	.00041	.00325	.0065	.102
%RSD	.06169	.83436	1.0739	.44483	.38829	.46645	.61871

#1	.58106	.03049	.48989	.09148	.84086	1.4094	16.618
#2	.58045	.03091	.48095	.09216	.83444	1.4019	16.454
#3	.58043	.03096	.48083	.09221	.83678	1.3963	16.431

Sample Name: S2 Acquired: 04/13/2021 11:55:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.1	29764.	6011.0	1002.1	2109.9
Stddev	1.4	60.	55.2	7.4	2.7
%RSD	.07744	.20142	.91798	.73398	.12753
#1	1775.8	29717.	5950.8	1000.6	2112.3
#2	1777.6	29743.	6023.0	995.68	2107.0
#3	1774.9	29831.	6059.2	1010.1	2110.4

Sample Name: S3 Acquired: 04/13/2021 11:58:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08606	.15117	2.8723	.11698	.32203	6.9293	21.237	.80284
Stddev	.00017	.00039	.0024	.00031	.00145	.0258	.032	.00109
%RSD	.20111	.26005	.08290	.26876	.44969	.37188	.14833	.13605

#1	.08625	.15162	2.8738	.11730	.32116	6.9268	21.246	.80264
#2	.08591	.15098	2.8695	.11696	.32123	6.9562	21.203	.80401
#3	.08601	.15090	2.8735	.11667	.32370	6.9048	21.264	.80186

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	3.7295	9.4416	1.2573	1.1869	2.0089	2.2390	5.6960	1.3660
Stddev	.0030	.0102	.0057	.0012	.0018	.0152	.0073	.0085
%RSD	.08026	.10818	.45724	.10455	.09101	.68075	.12736	.62062

#1	3.7266	9.4524	1.2636	1.1871	2.0107	2.2341	5.6915	1.3640
#2	3.7293	9.4401	1.2525	1.1855	2.0070	2.2561	5.6921	1.3752
#3	3.7325	9.4322	1.2557	1.1880	2.0090	2.2268	5.7043	1.3586

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	.79253	.24398	.41266	.15489	4.0023	2.0074	.09597	.86429
Stddev	.00300	.00125	.00200	.00077	.0292	.0040	.00015	.00150
%RSD	.37907	.51114	.48535	.49799	.72874	.20008	.15608	.17384

#1	.79133	.24542	.41209	.15560	4.0277	2.0047	.09597	.86257
#2	.79031	.24321	.41488	.15499	4.0086	2.0056	.09611	.86497
#3	.79595	.24332	.41100	.15407	3.9705	2.0120	.09581	.86533

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	1.1615	.06357	.91506	.18581	1.6607	2.8412	32.812
Stddev	.0015	.00055	.00293	.00036	.0068	.0126	.102
%RSD	.12712	.86485	.32071	.19434	.40728	.44178	.31088

#1	1.1614	.06371	.91331	.18594	1.6610	2.8452	32.788
#2	1.1600	.06296	.91844	.18609	1.6674	2.8513	32.924
#3	1.1630	.06404	.91342	.18540	1.6539	2.8271	32.724

Sample Name: S3 Acquired: 04/13/2021 11:58:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.6	29000.	5954.3	955.55	1994.1
Stddev	3.0	175.	24.1	6.84	2.4
%RSD	.17535	.60249	.40477	.71542	.11891
#1	1707.9	28803.	5934.6	947.67	1991.7
#2	1713.0	29057.	5947.1	959.20	1996.5
#3	1707.8	29138.	5981.2	959.80	1994.2

Sample Name: S4 Acquired: 04/13/2021 12:02:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17391	.29735	5.6988	.23227	.64627	13.845	42.102	1.5639
Stddev	.00065	.00047	.0213	.00021	.00082	.036	.051	.0067
%RSD	.37587	.15748	.37314	.08949	.12757	.26184	.12149	.42656

#1	.17359	.29757	5.6879	.23207	.64722	13.812	42.043	1.5563
#2	.17466	.29681	5.6853	.23248	.64576	13.840	42.135	1.5669
#3	.17348	.29767	5.7233	.23226	.64583	13.884	42.128	1.5685

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3589	18.630	2.4429	2.3642	3.9503	4.3404	11.102	2.7117
Stddev	.0293	.048	.0027	.0090	.0084	.0075	.038	.0120
%RSD	.39756	.25943	.10939	.38054	.21371	.17220	.34486	.44188

#1	7.3377	18.574	2.4458	2.3594	3.9405	4.3376	11.059	2.7115
#2	7.3468	18.654	2.4406	2.3586	3.9547	4.3348	11.131	2.6998
#3	7.3923	18.661	2.4423	2.3746	3.9556	4.3489	11.117	2.7237

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	1.5759	.48902	.81364	.30296	8.1994	4.0402	.19843	1.6759
Stddev	.0050	.00202	.00348	.00137	.0374	.0078	.00075	.0046
%RSD	.31611	.41223	.42755	.45202	.45598	.19304	.38016	.27480

#1	1.5776	.49104	.81131	.30278	8.1632	4.0312	.19866	1.6706
#2	1.5703	.48902	.81196	.30169	8.1972	4.0445	.19904	1.6781
#3	1.5798	.48701	.81764	.30441	8.2379	4.0449	.19759	1.6790

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	2.3034	.13097	1.7628	.37033	3.2460	5.7440	63.581
Stddev	.0008	.00049	.0043	.00033	.0092	.0168	.213
%RSD	.03536	.37217	.24597	.08797	.28216	.29203	.33518

#1	2.3040	.13137	1.7603	.36997	3.2398	5.7344	63.408
#2	2.3025	.13043	1.7679	.37062	3.2416	5.7343	63.819
#3	2.3038	.13112	1.7604	.37039	3.2565	5.7634	63.517

Sample Name: S4 Acquired: 04/13/2021 12:02:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.8	28195.	5907.6	898.61	1863.3
Stddev	.9	53.	8.7	2.85	4.7
%RSD	.05570	.18674	.14744	.31703	.25016
#1	1624.3	28228.	5916.4	901.87	1864.0
#2	1625.9	28222.	5899.0	896.58	1867.6
#3	1624.3	28134.	5907.5	897.39	1858.4

Sample Name: S5 Acquired: 04/13/2021 12:06:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.36184	.57403	11.380	.47015	1.3404	28.121	82.308	3.0869
Stddev	.00096	.00283	.010	.00149	.0022	.146	1.142	.0259
%RSD	.26665	.49314	.08976	.31693	.16126	.51996	1.3873	.83974

#1	.36217	.57708	11.370	.46905	1.3411	28.037	82.807	3.0874
#2	.36260	.57149	11.380	.47185	1.3380	28.036	81.001	3.0607
#3	.36076	.57352	11.390	.46955	1.3421	28.290	83.114	3.1125

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	14.495	36.738	4.7291	4.6916	7.8450	8.5206	21.603	5.5010
Stddev	.016	.086	.0047	.0065	.0182	.0608	.020	.0399
%RSD	.10957	.23333	.09983	.13809	.23240	.71377	.09154	.72483

#1	14.482	36.677	4.7328	4.6876	7.8427	8.4959	21.588	5.4847
#2	14.513	36.701	4.7307	4.6881	7.8280	8.4760	21.597	5.4718
#3	14.490	36.836	4.7238	4.6991	7.8643	8.5899	21.626	5.5464

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	3.0968	.99153	1.6412	.59870	17.439	8.2633	.40622	3.2623
Stddev	.0045	.00289	.0115	.00453	.060	.0426	.00197	.0319
%RSD	.14648	.29119	.69912	.75601	.34274	.51520	.48522	.97824

#1	3.0939	.98876	1.6334	.59595	17.454	8.2634	.40832	3.2531
#2	3.0944	.99452	1.6358	.59622	17.373	8.2207	.40593	3.2360
#3	3.1020	.99131	1.6543	.60392	17.490	8.3058	.40441	3.2978

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	4.6517	.27179	3.4473	.73636	6.4188	11.816	124.91
Stddev	.0046	.00101	.0304	.00102	.0384	.043	.72
%RSD	.09866	.37122	.88132	.13910	.59800	.36651	.57782

#1	4.6519	.27167	3.4335	.73552	6.3963	11.779	125.04
#2	4.6561	.27085	3.4262	.73750	6.3969	11.804	124.13
#3	4.6470	.27286	3.4821	.73605	6.4631	11.864	125.56

Sample Name: S5 Acquired: 04/13/2021 12:06:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.9	27105.	5786.0	810.79	1719.6
Stddev	4.7	121.	31.0	4.28	3.7
%RSD	.31137	.44558	.53500	.52772	.21755
#1	1495.3	26969.	5785.1	806.71	1721.7
#2	1488.7	27150.	5817.4	815.24	1715.3
#3	1497.7	27198.	5755.5	810.42	1721.8

Sample Name: S6 Acquired: 04/13/2021 12:10:52 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75.869	58.877	22.966	9.1110	4.6206
Stddev	.418	.487	.155	.0641	.0224
%RSD	.55088	.82742	.67601	.70328	.48442

#1	75.422	59.422	22.797	9.0449	4.5972
#2	76.250	58.724	23.103	9.1728	4.6418
#3	75.935	58.485	22.997	9.1154	4.6227

Int. Std.	Y_3710
Units	Cts/S
Avg	5643.2
Stddev	25.9
%RSD	.45908

#1	5648.5
#2	5615.0
#3	5666.0

Sample Name: ICV Acquired: 04/13/2021 12:15:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.005783	1.040269	.9987128	1.035397	.9691583	2.489015
Stddev	.002288	.006111	.0034236	.008324	.0069326	.013305
%RSD	.2274668	.5874052	.3428063	.8039751	.7153198	.5345557

#1	1.008421	1.046133	.9961423	1.035285	.9752432	2.503912
#2	1.004575	1.033939	.9973971	1.043777	.9616113	2.478312
#3	1.004352	1.040736	1.002599	1.027130	.9706205	2.484823

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5284177	.5499128	.5193123	10.21467	.5405362	.5128311
Stddev	.0013927	.0020435	.0007137	.03163	.0010428	.0017284
%RSD	.2635607	.3716081	.1374307	.3096528	.1929288	.3370339

#1	.5289197	.5520629	.5190395	10.22215	.5407826	.5108358
#2	.5294898	.5496797	.5201222	10.24188	.5414338	.5137914
#3	.5268436	.5479958	.5187753	10.17996	.5393922	.5138661

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5417246	10.89520	.5382036	5.961205	.5270453	.2457346
Stddev	.0023453	.08590	.0029975	.039107	.0027776	.0007693
%RSD	.4329326	.7884409	.5569367	.6560178	.5270100	.3130588

#1	.5410635	10.97130	.5415114	5.977512	.5249392	.2460840
#2	.5443296	10.80205	.5374318	5.916583	.5260035	.2462671
#3	.5397809	10.91226	.5356674	5.989518	.5301931	.2448526

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.695940	.5502962	.9950877	9.445315	F .0087698	F .0115389
Stddev	.282325	.0059228	.0063461	.046125	.0025108	.0010377
%RSD	2.911789	1.076298	.6377413	.4883399	28.63008	8.992796

#1	9.436650	.5545835	.9880042	9.498550	.0115452	.0107744
#2	9.654461	.5527672	.9970046	9.417271	.0081083	.0111221
#3	9.996711	.5435380	1.000254	9.420122	.0066560	.0127201

Sample Name: ICV Acquired: 04/13/2021 12:15:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0010474	F -.004147	F .0029135	F .0018837	F -.000585	F .0160893
Stddev	.0002619	.004322	.0014689	.0003983	.000374	.0012195
%RSD	25.00448	104.2167	50.41610	21.14447	63.88465	7.579529

#1	.0012968	.000634	.0025564	.0018532	-.000242	.0150090
#2	.0010707	-.007777	.0045280	.0022964	-.000530	.0158471
#3	.0007746	-.005300	.0016561	.0015015	-.000983	.0174117

Elem	Sr4077
Units	ppm
Avg	F -.009457
Stddev	.000078
%RSD	.8198803

#1	-.009544
#2	-.009395
#3	-.009432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.372	30272.77	5971.690	1028.013	2244.522
Stddev	3.353	51.15	20.082	1.887	3.345
%RSD	.1849281	.1689762	.3362883	.1835773	.1490266

#1	1811.037	30217.78	5952.042	1026.111	2246.074
#2	1811.865	30281.61	5970.848	1029.886	2240.683
#3	1817.215	30318.93	5992.180	1028.041	2246.808

Sample Name: ICB Acquired: 04/13/2021 12:19:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031794	-.003286	-.000303	.0073285	.0011581	-.007362	-.000306
Stddev	.0022626	.002574	.001925	.0009813	.0009450	.010095	.000487
%RSD	71.16336	78.32478	634.9473	13.38963	81.59677	137.1126	159.0202

#1	.0011756	-.001489	-.001611	.0084582	.0022435	.003269	.000252
#2	.0027295	-.002134	.001908	.0066876	.0005184	-.016818	-.000645
#3	.0056332	-.006234	-.001206	.0068397	.0007124	-.008538	-.000525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	-.000030	.0023002	.0006700	-.000382	.0038284	.0050693
Stddev	.000053	.000077	.0049178	.0004238	.000317	.0010234	.0032872
%RSD	73.36243	256.1870	213.7962	63.24686	83.00973	26.73232	64.84499

#1	-.000080	.000009	-.002997	.0011115	-.000018	.0028521	.0059651
#2	-.000121	-.000119	.003178	.0002666	-.000534	.0048932	.0014271
#3	-.000016	.000019	.006720	.0006319	-.000596	.0037400	.0078157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000120	.0054042	-.000297	.0002639	-.282333	.0014687	.0006176
Stddev	.000404	.0247236	.000230	.0002056	.232990	.0013237	.0009253
%RSD	336.6785	457.4865	77.39104	77.91038	82.52285	90.12437	149.8303

#1	-.000287	-.022444	-.000543	.0003623	-.410734	.0010470	.0002848
#2	-.000415	.024772	-.000261	.0004019	-.013392	.0029519	.0016632
#3	.000341	.013884	-.000088	.0000276	-.422875	.0004073	-.000095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1279309	.0011863	.0076182	.0008030	-.003152	-.000912	.0013978
Stddev	.0341348	.0003164	.0009107	.0006640	.003698	.000454	.0015828
%RSD	26.68220	26.66738	11.95432	82.68855	117.3548	49.80557	113.2300

#1	.1657170	.0008415	.0086432	.0000631	-.005506	-.000465	.0022106
#2	.1187508	.0014631	.0073094	.0013469	-.005060	-.000898	-.000426
#3	.0993249	.0012543	.0069021	.0009990	.001111	-.001373	.002409

Sample Name: ICB Acquired: 04/13/2021 12:19:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007280	.0047175	-.000098
Stddev	.0010467	.0005486	.000033
%RSD	143.7723	11.62868	33.35109

#1	.0010332	.0040842	-.000063
#2	.0015883	.0050219	-.000128
#3	-.000437	.0050465	-.000104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.703	30656.49	6048.149	1038.401	2309.335
Stddev	2.329	186.18	31.861	5.458	5.650
%RSD	.1264623	.6072957	.5267940	.5255767	.2446790

#1	1844.040	30446.45	6020.275	1034.318	2312.632
#2	1841.688	30801.18	6082.881	1044.600	2312.562
#3	1839.381	30721.85	6041.292	1036.286	2302.810

Sample Name: ICSA Acquired: 04/13/2021 12:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000824	-.009033	.0037208	.0295371	.0045078	246.7834
Stddev	.009826	.000580	.0019201	.0051495	.0053350	.7877
%RSD	1192.620	6.420856	51.60435	17.43391	118.3523	.3192034

#1	-.010604	-.009616	.0046487	.0307079	.0105021	246.7637
#2	-.000916	-.008456	.0015130	.0239030	.0002804	246.0057
#3	.009048	-.009027	.0050007	.0340003	.0027407	247.5808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059718	.0012866	-.002035	250.1498	.0587732	-.001390
Stddev	.0004849	.0000740	.000192	.8256	.0005892	.000718
%RSD	8.120197	5.749141	9.449024	.3300316	1.002443	51.67110

#1	.0063471	.0012103	-.002149	250.0434	.0594388	-.001700
#2	.0061440	.0012917	-.001813	249.3825	.0585623	-.000569
#3	.0054243	.0013579	-.002143	251.0234	.0583185	-.001900

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079447	102.3758	.0147793	251.0720	-.002197	.0037180
Stddev	.0026007	.3967	.0002109	.9156	.000266	.0001043
%RSD	32.73522	.3874778	1.427165	.3646641	12.08734	2.806278

#1	.0090292	102.5339	.0146274	251.0650	-.002392	.0037941
#2	.0049773	101.9244	.0146903	250.1600	-.002303	.0037609
#3	.0098277	102.6690	.0150201	251.9911	-.001894	.0035991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.230580	.0033823	.0101130	-.153930	.0000701	F -.010114
Stddev	.181075	.0019603	.0005188	.066219	.0007776	.000808
%RSD	78.53007	57.95912	5.130564	43.01899	1108.857	7.986188

#1	-.359436	.0030725	.0099825	-.084742	.0007899	-.010930
#2	-.308754	.0054791	.0106846	-.160335	-.000755	-.009315
#3	-.023551	.0015953	.0096718	-.216715	.000175	-.010097

Sample Name: ICSA Acquired: 04/13/2021 12:23:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.012398	-.004950	.0041621	-.000599	.0056889
Stddev	.000568	.009657	.001560	.0015172	.000994	.0012873
%RSD	1587.083	77.88738	31.50925	36.45226	165.8985	22.62798

#1	.000367	-.016815	-.004377	.0051792	-.001405	.0071034
#2	-.000686	-.019057	-.006716	.0024182	-.000905	.0045860
#3	.000211	-.001323	-.003758	.0048889	.000512	.0053772

Elem	Sr4077
Units	ppm
Avg	.0057171
Stddev	.0005206
%RSD	9.105657

#1	.0052968
#2	.0062994
#3	.0055550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.030	28255.52	5826.548	963.5772	1933.750
Stddev	2.591	120.53	10.919	8.1192	1.425
%RSD	.1535163	.4265663	.1874003	.8426088	.0737012

#1	1687.315	28192.90	5832.577	957.5457	1935.371
#2	1690.904	28179.20	5833.122	960.3772	1932.694
#3	1685.871	28394.47	5813.944	972.8088	1933.185

Sample Name: ICSAB Acquired: 04/13/2021 12:27:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0923867	.0931162	.0556829	.0809590	.5777222	246.4254
Stddev	.0059736	.0025024	.0011450	.0039110	.0019725	1.6853
%RSD	6.465860	2.687439	2.056246	4.830837	.3414213	.6839106

#1	.0933161	.0905358	.0554403	.0851119	.5799230	246.1145
#2	.0978411	.0932801	.0569298	.0804190	.5771296	244.9172
#3	.0860029	.0955326	.0546787	.0773460	.5761139	248.2445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126040	.5237088	1.003834	250.2778	.5563182	.4971141
Stddev	.0035638	.0045850	.000787	1.8805	.0041285	.0008348
%RSD	.6952448	.8754910	.0784050	.7513656	.7421116	.1679290

#1	.5131505	.5218290	1.002949	249.5073	.5534008	.4978277
#2	.5087985	.5203624	1.004454	248.9050	.5610421	.4961961
#3	.5158631	.5289350	1.004101	252.4212	.5545119	.4973184

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5090143	101.9634	.5172079	249.9670	.9960817	.2016039
Stddev	.0004693	.6764	.0033876	1.7726	.0021127	.0007198
%RSD	.0922017	.6633511	.6549736	.7091177	.2121053	.3570615

#1	.5093361	101.9157	.5152888	250.2518	.9948790	.2018399
#2	.5084758	101.3121	.5152156	248.0693	.9948449	.2007956
#3	.5092310	102.6623	.5211193	251.5799	.9985212	.2021760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.151242	.5197949	1.000560	-.286326	.0047834	F -.014711
Stddev	.305781	.0057161	.003681	.029102	.0018060	.000192
%RSD	202.1798	1.099676	.3678863	10.16399	37.75554	1.305286

#1	-.228694	.5190828	1.003705	-.315851	.0029086	-.014688
#2	.185817	.5144682	1.001463	-.285461	.0049299	-.014532
#3	-.410849	.5258336	.996511	-.257666	.0065116	-.014914

Sample Name: ICSAB Acquired: 04/13/2021 12:27:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000760	-.005166	-.003289	.0059884	-.002193	.0025513
Stddev	.0003784	.005830	.000892	.0007409	.000133	.0011228
%RSD	498.0494	112.8558	27.13003	12.37281	6.066485	44.01069

#1	-.000137	-.010609	-.003717	.0067049	-.002339	.0025542
#2	-.000148	-.005873	-.002263	.0052253	-.002163	.0014270
#3	.000513	.000986	-.003887	.0060350	-.002078	.0036727

Elem	Sr4077
Units	ppm
Avg	.0061270
Stddev	.0002995
%RSD	4.887784

#1	.0059805
#2	.0064716
#3	.0059291

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.420	28424.04	5863.126	964.0408	1943.303
Stddev	3.222	89.14	40.765	.1612	2.868
%RSD	.1901576	.3135974	.6952744	.0167175	.1475749

#1	1693.831	28513.26	5858.315	963.8726	1940.531
#2	1697.896	28334.99	5906.083	964.1938	1946.258
#3	1691.533	28423.87	5824.980	964.0559	1943.120

Sample Name: CCV048 Acquired: 04/13/2021 12:31:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.881494	4.810490	24.45613	5.005858	4.909187	404.4638	10.15491
Stddev	.004833	.025237	.04148	.012304	.010404	5.0975	.06232
%RSD	.0990088	.5246236	.1696243	.2457918	.2119274	1.260311	.6136970

#1	4.885412	4.795206	24.41802	5.019674	4.919935	408.6770	10.22609
#2	4.882977	4.796645	24.45006	5.001817	4.899165	398.7975	10.11014
#3	4.876093	4.839619	24.50032	4.996082	4.908460	405.9168	10.12850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5055720	2.472227	400.2774	15.14730	2.477831	15.27031	412.2753
Stddev	.0032386	.005029	1.4182	.03852	.002702	.07796	1.5080
%RSD	.6405753	.2034011	.3543005	.2543198	.1090383	.5105174	.3657663

#1	.5093037	2.472571	401.8437	15.14476	2.476877	15.35806	414.0104
#2	.5034961	2.467036	399.0804	15.18703	2.475735	15.20904	411.5344
#3	.5039162	2.477075	399.9082	15.11012	2.480880	15.24383	411.2811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93368	407.4098	2.444562	1.272245	402.1115	2.544266	15.49175
Stddev	.06164	1.2361	.008419	.006928	1.7932	.002577	.04258
%RSD	.4127841	.3034164	.3444079	.5445408	.4459392	.1012952	.2748693

#1	15.00430	408.7806	2.437505	1.279740	404.1174	2.546971	15.46182
#2	14.89064	407.0691	2.442301	1.266077	401.5532	2.541840	15.54050
#3	14.90610	406.3797	2.453881	1.270917	400.6639	2.543987	15.47294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.4587	5.081464	5.007839	4.884099	5.105484	5.035482	4.983983
Stddev	1.1945	.027392	.033343	.008888	.028633	.034069	.017197
%RSD	.7634807	.5390616	.6658159	.1819859	.5608356	.6765720	.3450464

#1	157.7993	5.051072	5.046244	4.890574	5.100890	5.073344	4.979344
#2	155.5072	5.089073	4.990994	4.873965	5.079425	5.007302	4.969581
#3	156.0697	5.104247	4.986279	4.887758	5.136136	5.025801	5.003024

Sample Name: CCV048 Acquired: 04/13/2021 12:31:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.092297	5.173829	4.892690
Stddev	.022805	.022364	.023859
%RSD	.4478285	.4322507	.4876442

#1	5.118629	5.197830	4.870086
#2	5.078944	5.153576	4.890353
#3	5.079318	5.170081	4.917632

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.888	27164.84	5764.314	861.0243	1765.622
Stddev	2.252	97.49	37.815	3.3133	3.267
%RSD	.1436200	.3588939	.6560250	.3848033	.1850345

#1	1566.627	27120.84	5722.771	857.4589	1767.153
#2	1570.488	27097.11	5796.733	861.6056	1767.842
#3	1566.550	27276.58	5773.438	864.0084	1761.870

Sample Name: CCB048 Acquired: 04/13/2021 12:36:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040591	.0036169	.0020319	.0015420	-.002150	.0001952	-.001345
Stddev	.0024641	.0014559	.0022746	.0010597	.001396	.0096808	.000539
%RSD	60.70650	40.25130	111.9456	68.72205	64.92462	4959.335	40.09037

#1	.0062075	.0052530	.0012722	.0026478	-.001680	-.007936	-.001937
#2	.0013693	.0024643	.0002344	.0005355	-.001049	.010904	-.001218
#3	.0046005	.0031335	.0045892	.0014425	-.003720	-.002383	-.000881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000039	.0122010	.0004719	-.000048	.0042104	.0092845
Stddev	.000077	.0000834	.0088141	.0002695	.000176	.0020533	.0048596
%RSD	349.3495	2134.967	72.24054	57.09690	364.9545	48.76732	52.34067

#1	-.000021	.0000449	.0206245	.0003727	-.000252	.0059807	.0040130
#2	-.000099	-.000092	.0129362	.0002661	.000049	.0046911	.0102548
#3	.000054	.000059	.0030424	.0007769	.000058	.0019594	.0135857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001771	.0173758	.0000435	-.000016	-.445745	.0016510	.0013240
Stddev	.0003792	.0253601	.0004817	.000184	.129820	.0002839	.0015411
%RSD	214.1419	145.9510	1106.597	1146.892	29.12417	17.19710	116.3960

#1	.0003910	.0063101	.0005818	-.000170	-.548350	.0016701	.0000532
#2	.0004010	-.000571	-.000347	-.000065	-.299800	.0019249	.0008806
#3	-.000261	.046388	-.000104	.000188	-.489087	.0013580	.0030383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0841118	.0029242	.0092544	.0010888	-.006730	.0002010	.0032174
Stddev	.0213901	.0027060	.0005971	.0002024	.000896	.0046700	.0008845
%RSD	25.43060	92.53531	6.451866	18.58794	13.31597	2323.460	27.49193

#1	.1085109	.0013427	.0099353	.0010609	-.006799	-.001852	.0022041
#2	.0752362	.0013813	.0090078	.0009019	-.007589	-.003091	.0036132
#3	.0685882	.0060487	.0088201	.0013037	-.005801	.005546	.0038348

Sample Name: CCB048 Acquired: 04/13/2021 12:36:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000300	.0041123	.0000161
Stddev	.000605	.0008310	.0000493
%RSD	201.9370	20.20647	307.0214

#1	.000149	.0048696	.0000647
#2	-.000060	.0042439	.0000174
#3	-.000988	.0032234	-.000034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.094	30177.41	6004.621	1024.209	2274.183
Stddev	5.175	75.32	17.798	5.136	4.721
%RSD	.2851259	.2495771	.2964120	.5014839	.2075799

#1	1818.032	30220.15	6023.759	1027.632	2277.431
#2	1809.119	30090.45	5988.565	1018.303	2268.768
#3	1818.132	30221.64	6001.538	1026.692	2276.351

Sample Name: PB135497BL Acquired: 04/13/2021 12:40:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS497 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020502	-.000336	-.000333	.0013961	.0001596	-.002157	-.000880
Stddev	.0022444	.002723	.000558	.0013852	.0004519	.006829	.000096
%RSD	109.4722	810.1596	167.9532	99.22006	283.2338	316.5888	10.94259

#1	.0046395	.001668	.000168	.0001531	-.000354	-.006965	-.000987
#2	.0006592	-.003437	-.000935	.0028893	.000334	.005660	-.000853
#3	.0008521	.000760	-.000230	.0011458	.000498	-.005167	-.000800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000569	-.000041	-.006255	.0001516	.0000543	.0053171	.0013568
Stddev	.0001220	.000120	.005457	.0004916	.0001248	.0009371	.0037100
%RSD	214.3919	288.9444	87.24483	324.2502	229.7771	17.62498	273.4330

#1	-.000083	.000090	-.004598	-.000347	.0000117	.0063802	.0021396
#2	.000137	-.000145	-.012349	.000166	-.000044	.0049610	.0046129
#3	.000117	-.000069	-.001819	.000636	.000195	.0046103	-.002682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000177	-.000379	-.000291	.0001340	-.213135	.0025747	.0008345
Stddev	.000479	.034371	.000099	.0003992	.109217	.0031853	.0017153
%RSD	270.9510	9078.825	34.12818	297.8790	51.24315	123.7139	205.5434

#1	-.000184	.000180	-.000197	.0002454	-.118015	.0042683	.0008500
#2	.000306	.033710	-.000281	.0004657	-.332406	-.001100	-.000888
#3	-.000653	-.035026	-.000395	-.000309	-.188984	.004555	.002542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043459	.0049179	.0043446	.0000362	-.003648	-.000898	.0001296
Stddev	.0428931	.0026209	.0005686	.0002027	.002953	.001384	.0011406
%RSD	986.9727	53.29357	13.08854	560.0859	80.93358	154.0654	880.2725

#1	.0291140	.0062609	.0048973	-.000095	-.000272	-.001074	-.001132
#2	-.045183	.0065951	.0037612	.000270	-.005747	.000565	.001089
#3	.029107	.0018977	.0043754	-.000066	-.004926	-.002185	.000432

Sample Name: PB135497BL Acquired: 04/13/2021 12:40:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS497 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001172	-.000364	-.000100
Stddev	.0005275	.000426	.000020
%RSD	450.2109	116.9859	19.91734

#1	.0007261	-.000735	-.000104
#2	-.000201	-.000459	-.000079
#3	-.000174	.000101	-.000119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.120	30434.11	5974.706	1031.526	2277.550
Stddev	5.174	220.37	28.263	2.592	7.054
%RSD	.2850371	.7240785	.4730496	.2512621	.3097110

#1	1814.854	30650.17	5955.580	1032.728	2272.512
#2	1820.421	30209.67	5961.368	1028.552	2285.611
#3	1810.084	30442.48	6007.170	1033.300	2274.526

Sample Name: PB135497BS Acquired: 04/13/2021 12:44:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS497 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210048	.0485005	.0199893	.0718613	.1136722	.3775518	.2816023
Stddev	.0021624	.0024093	.0025260	.0076035	.0013065	.0146082	.0013845
%RSD	10.29474	4.967588	12.63652	10.58081	1.149335	3.869183	.4916399

#1	.0212433	.0511161	.0204310	.0698369	.1151806	.3747228	.2806405
#2	.0230380	.0463720	.0172717	.0802721	.1129402	.3645650	.2809774
#3	.0187330	.0480133	.0222653	.0654748	.1128959	.3933675	.2831891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106422	.0099251	10.25769	.0200278	.0949694	.0518664	.2060851
Stddev	.0001251	.0000706	.03603	.0003593	.0001783	.0012698	.0127038
%RSD	1.175403	.7117765	.3512232	1.793904	.1877465	2.448224	6.164334

#1	.0107262	.0098519	10.21974	.0199184	.0950631	.0511105	.1914993
#2	.0104984	.0099930	10.29142	.0204290	.0950813	.0511564	.2147292
#3	.0107020	.0099303	10.26192	.0197359	.0947638	.0533324	.2120269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320881	10.75883	.0831708	.0191410	9.163168	.1081052	.1171888
Stddev	.0004165	.01928	.0006859	.0002851	.217771	.0025529	.0031968
%RSD	1.298038	.1791648	.8247358	1.489691	2.376590	2.361527	2.727927

#1	.0317578	10.74740	.0825305	.0188654	9.414169	.1101537	.1141977
#2	.0325560	10.74800	.0838947	.0194348	9.050830	.1052452	.1205577
#3	.0319506	10.78108	.0830871	.0191229	9.024506	.1089169	.1168110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.965031	.0216070	.0229257	.0208786	.1495784	.2021646	.0141719
Stddev	.070702	.0030485	.0002836	.0004910	.0038870	.0027840	.0006413
%RSD	.7886464	14.10880	1.237089	2.351607	2.598645	1.377103	4.525282

#1	8.897366	.0204291	.0229219	.0214442	.1511294	.2053779	.0146116
#2	9.038423	.0250687	.0226441	.0205619	.1524504	.2006391	.0144680
#3	8.959304	.0193233	.0232112	.0206298	.1451553	.2004767	.0134360

Sample Name: PB135497BS Acquired: 04/13/2021 12:44:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS497 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2052523	.0246346	.2130842
Stddev	.0008465	.0007097	.0001453
%RSD	.4124400	2.880775	.0682058

#1	.2042902	.0245457	.2130188
#2	.2055835	.0253845	.2129832
#3	.2058832	.0239736	.2132508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.872	30071.81	5990.267	1025.768	2244.403
Stddev	2.085	399.46	24.578	15.871	2.324
%RSD	.1154793	1.328364	.4102939	1.547192	.1035327

#1	1807.142	30333.40	5971.838	1037.655	2241.770
#2	1807.008	29612.00	6018.172	1007.745	2245.270
#3	1803.465	30270.02	5980.791	1031.903	2246.169

Sample Name: PB135498BL Acquired: 04/13/2021 12:49:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW498 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025148	.0022722	.0001455	.0014870	-.002651	-.012785	-.000991
Stddev	.0037325	.0067415	.0008649	.0050232	.000910	.004407	.000855
%RSD	148.4206	296.6932	594.2932	337.8097	34.32582	34.46658	86.31418

#1	.0068074	-.005200	-.000811	.0000470	-.002054	-.017854	-.001025
#2	.0000336	.007898	.000376	-.002659	-.002200	-.009867	-.001829
#3	.0007035	.004119	.000872	.007073	-.003698	-.010635	-.000119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000743	.0000051	.0038003	.0001491	.0001640	.0008385	.0024547
Stddev	.0001273	.0000343	.0045842	.0001185	.0000880	.0007784	.0061668
%RSD	171.3589	678.2843	120.6268	79.45834	53.66271	92.84189	251.2313

#1	.0001295	.0000175	.0060727	.0002217	.0000875	.0000845	.0002767
#2	-.000071	-.000034	-.001476	.0000124	.0001443	.0007916	-.002328
#3	.000165	.000031	.006804	.0002132	.0002602	.0016392	.009415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000313	-.001115	.0001666	.0002511	-.424282	.0012967	.0017238
Stddev	.000343	.023153	.0004301	.0004118	.184572	.0026897	.0014294
%RSD	109.7046	2076.439	258.2531	164.0280	43.50225	207.4172	82.92357

#1	-.000040	-.006890	-.000274	.0002648	-.529459	-.001261	.0010924
#2	-.000698	.024379	.000585	.0006558	-.211162	.004101	.0033602
#3	-.000200	-.020834	.000189	-.000167	-.532225	.001050	.0007188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343215	.0037414	.0004337	-.000062	-.004224	-.001576	.0010412
Stddev	.0368282	.0022176	.0002030	.000297	.001478	.000542	.0015235
%RSD	107.3034	59.27056	46.81836	477.2097	34.98743	34.41863	146.3193

#1	.0280157	.0060564	.0005510	-.000259	-.004431	-.002186	.0016124
#2	.0010534	.0016361	.0001992	.000280	-.005588	-.001395	.0021966
#3	.0738955	.0035319	.0005508	-.000207	-.002654	-.001147	-.000685

Sample Name: PB135498BL Acquired: 04/13/2021 12:49:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW498 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000235	-.004149	-.000024
Stddev	.0003253	.001257	.000100
%RSD	1384.015	30.30053	418.6181

#1	.0000515	-.002858	.000017
#2	.0003339	-.004218	-.000138
#3	-.000315	-.005369	.000049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.014	30313.02	5996.546	1031.608	2271.259
Stddev	1.583	72.22	14.928	6.172	3.438
%RSD	.0873367	.2382313	.2489505	.5983293	.1513823

#1	1813.854	30232.22	6005.036	1029.709	2272.145
#2	1811.188	30371.28	6005.294	1038.507	2274.167
#3	1814.001	30335.55	5979.309	1026.609	2267.464

Sample Name: PB135498BS Acquired: 04/13/2021 12:53:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS498 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224687	.0466296	.0200709	.0718185	.1125328	.3692262	.2871274
Stddev	.0031958	.0032996	.0012468	.0022261	.0006627	.0083731	.0049209
%RSD	14.22317	7.076193	6.211750	3.099681	.5888783	2.267749	1.713835

#1	.0254770	.0474877	.0190209	.0700708	.1120242	.3788381	.2884970
#2	.0228153	.0494153	.0197429	.0710598	.1122920	.3635161	.2816668
#3	.0191137	.0429857	.0214488	.0743248	.1132822	.3653244	.2912183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103700	.0097731	10.19623	.0204506	.0946579	.0489601	.2058480
Stddev	.0001573	.0000901	.13338	.0001767	.0005776	.0025573	.0048518
%RSD	1.516798	.9223354	1.308124	.8642166	.6102110	5.223152	2.356958

#1	.0105275	.0097856	10.25062	.0203514	.0952930	.0502674	.2092318
#2	.0102129	.0096774	10.04425	.0206547	.0945165	.0505996	.2002894
#3	.0103697	.0098564	10.29383	.0203458	.0941641	.0460135	.2080229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318269	10.59153	.0818037	.0184741	8.969195	.1052191	.1159407
Stddev	.0007702	.10068	.0005963	.0003658	.156583	.0031920	.0025775
%RSD	2.420123	.9505605	.7289928	1.979848	1.745790	3.033640	2.223086

#1	.0322055	10.52289	.0824842	.0183694	9.070269	.1084697	.1168654
#2	.0309406	10.54460	.0813720	.0181720	9.048490	.1020892	.1130284
#3	.0323345	10.70711	.0815551	.0188807	8.788825	.1050983	.1179281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.842424	.0223522	.0206396	.0214131	.1465084	.2010351	.0128797
Stddev	.106575	.0031377	.0011080	.0004869	.0089887	.0041281	.0011079
%RSD	1.205272	14.03750	5.368483	2.273848	6.135243	2.053432	8.602324

#1	8.908140	.0195652	.0218128	.0211366	.1568336	.2009754	.0141393
#2	8.719459	.0217408	.0196109	.0219754	.1404300	.1969372	.0120559
#3	8.899674	.0257506	.0204952	.0211275	.1422616	.2051927	.0124438

Sample Name: PB135498BS Acquired: 04/13/2021 12:53:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS498 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2031931	.0211244	.2113962
Stddev	.0023045	.0007556	.0024831
%RSD	1.134169	3.576680	1.174644

#1	.2028600	.0205290	.2128993
#2	.2010733	.0208700	.2085300
#3	.2056461	.0219744	.2127593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.002	30050.16	6045.541	1024.823	2242.255
Stddev	4.916	109.51	69.612	5.520	8.373
%RSD	.2721924	.3644178	1.151462	.5386691	.3734335

#1	1801.048	30138.29	6011.715	1023.695	2234.258
#2	1810.879	29927.57	6125.602	1019.953	2250.960
#3	1806.079	30084.63	5999.305	1030.820	2241.548

Sample Name: M1904-13 Acquired: 04/13/2021 13:43:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3248 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1970599	.2331590	.0518278	.0610080	.0905154	35.94741	.0738087
Stddev	.0080847	.0044847	.0013882	.0052413	.0044877	.07870	.0011196
%RSD	4.102646	1.923460	2.678586	8.591096	4.957970	.2189267	1.516856

#1	.2060601	.2359095	.0526773	.0551746	.0917882	35.93283	.0749194
#2	.1947069	.2279839	.0502258	.0625286	.0942292	36.03238	.0738262
#3	.1904128	.2355837	.0525804	.0653209	.0855287	35.87703	.0726805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2022014	.1502165	10.83241	.0592928	.0091018	.4982861	50.27166
Stddev	.0020698	.0007516	.06462	.0008803	.0001839	.0018547	.06420
%RSD	1.023619	.5003541	.5965812	1.484727	2.020947	.3722121	.1277024

#1	.2044008	.1502954	10.90490	.0595667	.0091248	.4983282	50.22968
#2	.2002918	.1494285	10.81152	.0600036	.0089075	.4964108	50.34556
#3	.2019116	.1509255	10.78082	.0583081	.0092732	.5001194	50.23973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3664284	3.965018	.3101537	.2272041	8.238003	1.785828	.5429751
Stddev	.0006832	.031022	.0003181	.0015093	.328975	.011911	.0039914
%RSD	.1864515	.7823834	.1025517	.6642793	3.993389	.6669877	.7351006

#1	.3671394	3.971970	.3105119	.2289433	8.423090	1.774504	.5398314
#2	.3663689	3.991974	.3100444	.2262378	8.432743	1.798250	.5416283
#3	.3657769	3.931110	.3099046	.2264313	7.858175	1.784730	.5474658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.51383	.1572373	-.002066	.0093646	.7965625	6.534398	.0023415
Stddev	.11676	.0032780	.000323	.0004441	.0108186	.023226	.0012518
%RSD	.1334224	2.084768	15.65743	4.742278	1.358161	.3554446	53.46396

#1	87.53240	.1536954	-.002437	.0096922	.8086172	6.560061	.0015205
#2	87.62019	.1578519	-.001846	.0095424	.7876970	6.514820	.0037823
#3	87.38889	.1601645	-.001914	.0088591	.7933733	6.528312	.0017217

Sample Name: M1904-13 Acquired: 04/13/2021 13:43:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X3248 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6380610	-.001069	-.021917
Stddev	.0031226	.001780	.000119
%RSD	.4893842	166.5419	.5414823

#1	.6381806	-.000619	-.021835
#2	.6411221	-.003031	-.021864
#3	.6348804	.000443	-.022054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.498	30885.15	6270.847	1044.848	2191.271
Stddev	6.305	165.81	18.209	4.614	7.784
%RSD	.3401596	.5368525	.2903825	.4415897	.3552448

#1	1855.327	30720.04	6250.121	1041.673	2189.743
#2	1858.686	30883.75	6278.138	1042.731	2199.707
#3	1846.481	31051.65	6284.280	1050.141	2184.365

Sample Name: M1904-01 Acquired: 04/13/2021 13:51:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3244 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447501	.0294358	.0182236	.0904042	.1378308	.0282240	.6286521
Stddev	.0063977	.0021235	.0017615	.0013319	.0012753	.0104298	.0015297
%RSD	14.29641	7.214122	9.666034	1.473232	.9252684	36.95360	.2433311

#1	.0381579	.0269842	.0188841	.0918125	.1390739	.0234752	.6291091
#2	.0451587	.0307011	.0162274	.0902351	.1378929	.0401832	.6299012
#3	.0509336	.0306222	.0195594	.0891649	.1365255	.0210137	.6269459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235452	.0253404	-.002558	.0000787	.1823484	-.000029	.3652403
Stddev	.0003541	.0001246	.006616	.0003481	.0000953	.002139	.0010851
%RSD	1.503706	.4918291	258.6235	442.2805	.0522511	7301.029	.2970901

#1	.0232807	.0254796	.005041	.0003631	.1822405	.002222	.3646578
#2	.0239474	.0252392	-.007037	-.000310	.1824211	-.002034	.3664922
#3	.0234075	.0253024	-.005677	.000183	.1823835	-.000276	.3645708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885740	12.73794	-.000272	.0344652	-.463744	.0028590	.1330707
Stddev	.0001651	.06507	.000384	.0000729	.232812	.0024766	.0032498
%RSD	.1864268	.5108716	141.2488	.2116300	50.20278	86.62423	2.442150

#1	.0887384	12.70898	-.000071	.0344363	-.376219	.0029056	.1344485
#2	.0885755	12.69237	-.000030	.0344112	-.727634	.0003594	.1293590
#3	.0884081	12.81247	-.000716	.0345482	-.287379	.0053120	.1354046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.18201	.0031956	-.004030	.0000669	-.001241	-.001096	-.000403
Stddev	.14068	.0036036	.001249	.0000890	.002113	.001074	.000956
%RSD	.8693523	112.7660	31.00332	133.1034	170.3200	97.96715	236.9425

#1	16.15337	.0069305	-.005006	.0001425	-.001879	-.001379	-.001035
#2	16.33480	-.000260	-.004462	.0000894	.001118	-.002001	-.000871
#3	16.05785	.002917	-.002622	-.000031	-.002962	.000091	.000696

Sample Name: M1904-01 Acquired: 04/13/2021 13:51:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X3244 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002082	-.007093	-.000202
Stddev	.0015323	.000304	.000022
%RSD	735.8329	4.282432	11.11111

#1	-.001049	-.007192	-.000192
#2	.001915	-.007334	-.000228
#3	-.000241	-.006751	-.000186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.499	29837.42	6031.559	1012.151	2221.232
Stddev	1.177	28.21	1.480	4.214	3.433
%RSD	.0660827	.0945623	.0245454	.4163101	.1545669

#1	1780.377	29849.39	6031.290	1007.431	2217.271
#2	1782.725	29857.67	6030.232	1015.534	2223.350
#3	1781.396	29805.19	6033.156	1013.488	2223.076

Sample Name: M1904-02 Acquired: 04/13/2021 13:58:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3244D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449674	.0317065	.0171022	.0920253	.1404351	.0003768	.6489803
Stddev	.0020851	.0026602	.0001480	.0026408	.0011898	.0037436	.0012260
%RSD	4.636871	8.390133	.8651961	2.869675	.8472569	993.5395	.1889050

#1	.0473094	.0287314	.0170643	.0920784	.1399404	-.002647	.6497758
#2	.0442798	.0325318	.0172654	.0946392	.1417924	-.000786	.6495966
#3	.0433129	.0338562	.0169768	.0893583	.1395724	.004564	.6475684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243834	.0259394	-.008714	-.000069	.1859055	-.000166	.3710544
Stddev	.0002037	.0001304	.015631	.000590	.0003221	.001229	.0053608
%RSD	.8355372	.5028094	179.3740	857.7332	.1732368	740.4085	1.444750

#1	.0244041	.0260778	.008292	-.000660	.1860515	.001223	.3703557
#2	.0241701	.0258189	-.022454	-.000068	.1855363	-.001114	.3660772
#3	.0245760	.0259214	-.011980	.000521	.1861286	-.000607	.3767303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0901355	13.03843	-.000223	.0354573	-.320718	.0000236	.1326588
Stddev	.0002044	.03479	.000529	.0001330	.240528	.0040277	.0016701
%RSD	.2267813	.2668210	236.8233	.3749999	74.99656	17053.64	1.258951

#1	.0899033	13.05299	.000184	.0353346	-.334185	-.003625	.1317217
#2	.0902152	13.06357	-.000033	.0355986	-.554229	-.000650	.1316676
#3	.0902881	12.99873	-.000821	.0354387	-.073740	.004346	.1345870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.62389	.0018572	-.004688	-.000122	-.003345	-.002443	-.000308
Stddev	.04701	.0019353	.000616	.000168	.002210	.001181	.001828
%RSD	.2827749	104.2028	13.13888	137.9852	66.08841	48.34760	593.7787

#1	16.62981	.0040031	-.004631	-.000133	-.000813	-.001082	.000340
#2	16.66766	.0002444	-.005331	.000051	-.004892	-.003201	-.002372
#3	16.57420	.0013241	-.004103	-.000284	-.004329	-.003046	.001108

Sample Name: M1904-02 Acquired: 04/13/2021 13:58:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X3244D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000432	-.008082	-.000118
Stddev	.001080	.001183	.000063
%RSD	249.6722	14.63760	53.31264

#1	-.001106	-.006733	-.000057
#2	-.001004	-.008572	-.000182
#3	.000813	-.008942	-.000113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.402	29802.04	5991.514	1011.062	2222.207
Stddev	6.555	65.42	29.710	1.099	1.819
%RSD	.3688056	.2195215	.4958707	.1087449	.0818638

#1	1771.824	29855.46	5960.977	1010.943	2223.254
#2	1784.622	29821.58	6020.321	1010.026	2223.261
#3	1775.761	29729.07	5993.244	1012.216	2220.107

Sample Name: M1904-01LX5 Acquired: 04/13/2021 14:02:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X3244L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127184	.0044486	.0068873	.0216004	.0268445	-.007420	.1280196
Stddev	.0037261	.0007929	.0006129	.0038898	.0025219	.002132	.0005585
%RSD	29.29685	17.82251	8.898730	18.00788	9.394664	28.73907	.4362327

#1	.0104588	.0036945	.0074721	.0171128	.0247617	-.005123	.1277169
#2	.0106774	.0052752	.0069402	.0236809	.0261233	-.009338	.1276777
#3	.0170191	.0043760	.0062497	.0240075	.0296485	-.007799	.1286640

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048397	.0051649	-.002473	-.000020	.0367575	-.001552	.0819537
Stddev	.0000747	.0001418	.002496	.000164	.0005391	.000605	.0091721
%RSD	1.543101	2.745918	100.9311	814.7326	1.466752	38.96301	11.19180

#1	.0047582	.0050014	-.000739	-.000093	.0361366	-.002249	.0725012
#2	.0048559	.0052394	-.005334	.000168	.0370281	-.001248	.0908170
#3	.0049049	.0052540	-.001346	-.000135	.0371077	-.001160	.0825428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181379	2.597459	.0002302	.0071977	-.449964	.0022000	.0263005
Stddev	.0002267	.025328	.0008018	.0000887	.217228	.0019515	.0008572
%RSD	1.249967	.9751235	348.3258	1.232403	48.27689	88.70011	3.259404

#1	.0179013	2.612363	-.000279	.0072325	-.658408	.0009031	.0263306
#2	.0181592	2.611800	-.000184	.0070969	-.224905	.0012528	.0254286
#3	.0183532	2.568214	.001154	.0072638	-.466578	.0044443	.0271422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.248252	.0018769	-.005193	-.000196	-.008891	-.001047	.0013211
Stddev	.043389	.0029124	.000948	.000746	.001104	.001280	.0011634
%RSD	1.335771	155.1735	18.25446	379.9976	12.41343	122.2657	88.06207

#1	3.294693	.0047725	-.004978	-.000220	-.009918	-.002166	.0000519
#2	3.208750	-.001052	-.004370	.000561	-.007724	-.001323	.0023368
#3	3.241314	.001910	-.006229	-.000931	-.009031	.000349	.0015745

Sample Name: M1904-01LX5 Acquired: 04/13/2021 14:02:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X3244L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000394	-.008180	-.000070
Stddev	.000937	.001398	.000087
%RSD	237.5253	17.09507	123.8672

#1	.000125	-.009761	.000027
#2	-.001476	-.007106	-.000097
#3	.000167	-.007673	-.000140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.853	29931.57	6001.522	1013.580	2248.028
Stddev	2.154	35.43	24.796	2.904	1.588
%RSD	.1204775	.1183686	.4131698	.2864615	.0706588

#1	1786.541	29949.89	6012.475	1016.653	2247.860
#2	1790.339	29954.08	5973.135	1013.206	2249.693
#3	1786.679	29890.73	6018.955	1010.882	2246.530

Sample Name: CCV049 Acquired: 04/13/2021 14:13:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025410	4.945295	24.95915	5.172630	5.054665	405.1277	10.17163
Stddev	.022938	.004342	.10365	.012371	.018371	4.2070	.03104
%RSD	.4564457	.0878092	.4152831	.2391661	.3634560	1.038441	.3051142

#1	5.014717	4.940623	24.86498	5.174621	5.042427	409.9831	10.20739
#2	5.051742	4.949208	24.94225	5.159383	5.045779	402.5671	10.15573
#3	5.009770	4.946054	25.07021	5.183884	5.075791	402.8328	10.15177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5051855	2.531093	403.0868	15.29251	2.539657	15.37449	413.9165
Stddev	.0005315	.002839	.5573	.02521	.013304	.04363	1.7750
%RSD	.1052091	.1121749	.1382470	.1648786	.5238318	.2837608	.4288288

#1	.5056037	2.528098	403.6308	15.32107	2.527613	15.42486	415.5323
#2	.5053653	2.531436	403.1124	15.28317	2.537421	15.34878	414.2007
#3	.5045874	2.533746	402.5172	15.27331	2.553937	15.34982	412.0166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01262	407.8764	2.478744	1.291969	404.3298	2.555338	15.81133
Stddev	.01376	1.6758	.016046	.003794	1.1853	.016280	.08312
%RSD	.0916893	.4108510	.6473533	.2936251	.2931449	.6370831	.5256737

#1	15.01495	408.9104	2.462519	1.289787	405.5329	2.564861	15.84260
#2	15.02507	408.7758	2.479108	1.289771	404.2934	2.536540	15.87427
#3	14.99783	405.9429	2.494605	1.296350	403.1632	2.564611	15.71711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.3212	5.323422	5.001079	5.043777	5.340761	5.013105	5.091879
Stddev	.8040	.010469	.015942	.011613	.008084	.015873	.019361
%RSD	.5143084	.1966662	.3187640	.2302468	.1513734	.3166251	.3802416

#1	157.2317	5.315973	5.009897	5.036445	5.346219	5.016394	5.070245
#2	156.0229	5.335393	5.010665	5.037719	5.344591	5.027075	5.097816
#3	155.7090	5.318902	4.982677	5.057166	5.331473	4.995845	5.107577

Sample Name: CCV049 Acquired: 04/13/2021 14:13:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.148895	5.213687	4.956762
Stddev	.008183	.018880	.005931
%RSD	.1589331	.3621182	.1196457

#1	5.158137	5.232985	4.952638
#2	5.145979	5.212822	4.954089
#3	5.142569	5.195255	4.963558

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.122	26706.96	5744.980	845.4620	1712.164
Stddev	2.707	151.07	16.241	4.4106	3.775
%RSD	.1784593	.5656739	.2826991	.5216806	.2205024

#1	1515.861	26534.13	5726.705	840.4224	1716.216
#2	1520.230	26772.87	5750.472	847.3454	1711.530
#3	1515.276	26813.88	5757.763	848.6183	1708.745

Sample Name: CCB049 Acquired: 04/13/2021 14:17:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030617	.0016060	.0009350	.0033608	-.002353	.0059623	-.001614
Stddev	.0032027	.0008843	.0006780	.0050011	.001136	.0049831	.000466
%RSD	104.6045	55.05947	72.51329	148.8090	48.28463	83.57778	28.88650

#1	.0059114	.0008724	.0017178	.0088793	-.002713	.0104073	-.001467
#2	-.000404	.0025879	.0005578	-.000872	-.001080	.0069041	-.002136
#3	.003678	.0013578	.0005295	.002075	-.003265	.0005754	-.001240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001868	.0000069	.0115386	.0009583	.0003901	.0041113	.0135579
Stddev	.0000982	.0000857	.0086953	.0002831	.0003279	.0021816	.0079627
%RSD	52.54045	1249.140	75.35818	29.53630	84.05319	53.06375	58.73087

#1	.0002588	.0000611	.0015275	.0012321	.0007363	.0065802	.0145925
#2	.0000750	.0000515	.0172084	.0006668	.0000844	.0033101	.0051285
#3	.0002267	-.000092	.0158798	.0009760	.0003495	.0024436	.0209528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000848	.0136475	.0001444	.0003550	-.572449	-.000108	-.002422
Stddev	.0000623	.0192993	.0001879	.0002379	.138838	.000272	.002769
%RSD	73.51252	141.4129	130.1640	66.99122	24.25328	251.3201	114.3188

#1	.0001161	.0353434	.0003005	.0003179	-.447176	-.000081	-.005066
#2	.0001254	-.001608	-.000064	.0006093	-.548448	.000149	-.002658
#3	.0000130	.007207	.000197	.0001379	-.721722	-.000393	.000457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777645	-.001911	.0094395	.0013669	-.006989	-.000461	.0028553
Stddev	.1062571	.001978	.0010827	.0007239	.001057	.001622	.0013187
%RSD	136.6397	103.5210	11.46994	52.96206	15.12603	351.7260	46.18452

#1	-.000089	-.002746	.0097762	.0016642	-.007241	.000979	.0024228
#2	.198817	.000348	.0103138	.0018949	-.005828	-.002218	.0043360
#3	.034565	-.003336	.0082285	.0005416	-.007897	-.000145	.0018072

Sample Name: CCB049 Acquired: 04/13/2021 14:17:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000019	.0014533	.0000942
Stddev	.0011085	.0010545	.0000509
%RSD	59058.24	72.56341	54.04790

#1	-.000456	.0023575	.0000903
#2	.001266	.0002949	.0000453
#3	-.000804	.0017074	.0001469

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.151	29887.83	5980.169	1012.396	2244.790
Stddev	4.469	99.59	38.592	1.452	7.724
%RSD	.2499126	.3332040	.6453413	.1434476	.3440885

#1	1787.312	29856.95	5943.686	1010.728	2238.306
#2	1784.161	29999.20	5976.249	1013.079	2242.729
#3	1792.980	29807.34	6020.572	1013.380	2253.336

Sample Name: CCV050 Acquired: 04/13/2021 16:03:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.047823	4.926636	25.18472	5.269473	5.087791	407.1333	10.17772
Stddev	.002653	.013721	.01130	.017763	.005122	4.1181	.02822
%RSD	.0525498	.2785094	.0448834	.3370931	.1006785	1.011497	.2772714

#1	5.045459	4.940109	25.19421	5.257817	5.086239	410.0786	10.19786
#2	5.050692	4.912680	25.18774	5.260686	5.093509	402.4276	10.18984
#3	5.047318	4.927120	25.17221	5.289917	5.083623	408.8939	10.14547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5017341	2.553484	405.3955	15.33873	2.567360	15.34834	411.9397
Stddev	.0028031	.001433	.3053	.14532	.000831	.02173	1.3381
%RSD	.5586756	.0561294	.0753142	.9474105	.0323621	.1415969	.3248398

#1	.5037114	2.552090	405.2378	15.35051	2.567880	15.32838	412.8254
#2	.5029646	2.554953	405.2013	15.18788	2.566401	15.37149	410.4003
#3	.4985263	2.553409	405.7475	15.47780	2.567798	15.34516	412.5933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06187	404.2215	2.494957	1.308968	402.0670	2.546265	15.95094
Stddev	.01847	1.3248	.002229	.010950	.5373	.003525	.27133
%RSD	.1226165	.3277442	.0893289	.8365262	.1336285	.1384508	1.701014

#1	15.05135	404.9087	2.497155	1.308169	402.6266	2.544304	15.83328
#2	15.08319	402.6942	2.492699	1.298439	401.5553	2.544155	15.75831
#3	15.05105	405.0614	2.495015	1.320295	402.0189	2.550334	16.26124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.2754	5.344880	4.986328	5.086544	5.384544	4.974804	5.118926
Stddev	.1938	.012411	.017591	.005122	.026422	.026039	.013048
%RSD	.1247971	.2322057	.3527928	.1006883	.4906996	.5234181	.2548913

#1	155.1791	5.351762	5.005136	5.088495	5.358152	5.001763	5.131263
#2	155.4985	5.330552	4.983568	5.080734	5.384484	4.972853	5.105268
#3	155.1487	5.352325	4.970279	5.090403	5.410995	4.949794	5.120247

Sample Name: CCV050 Acquired: 04/13/2021 16:03:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.136588	5.221692	5.020189
Stddev	.006538	.004363	.049952
%RSD	.1272920	.0835548	.9950306

#1	5.140635	5.223967	5.068776
#2	5.129045	5.224447	4.968975
#3	5.140085	5.216662	5.022815

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1508.736	26487.61	5768.865	838.1554	1698.832
Stddev	2.952	300.31	32.518	12.5586	3.592
%RSD	.1956623	1.133770	.5636864	1.498360	.2114688

#1	1505.547	26491.44	5736.407	842.8636	1694.958
#2	1509.289	26785.99	5801.443	847.6795	1699.483
#3	1511.373	26185.40	5768.745	823.9230	1702.053

Sample Name: CCB050 Acquired: 04/13/2021 16:12:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066699	.0035997	.0012046	.0026067	-.002508	-.007467	-.001775
Stddev	.0073989	.0016946	.0018202	.0014081	.001114	.012001	.000158
%RSD	110.9287	47.07435	151.1017	54.02014	44.39854	160.7223	8.878771

#1	.0152131	.0019144	.0033060	.0029035	-.001390	-.020919	-.001598
#2	.0024642	.0035815	.0001872	.0038428	-.003617	.002144	-.001826
#3	.0023325	.0053033	.0001206	.0010738	-.002517	-.003626	-.001900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000151	.0000007	.0425033	.0000491	-.000139	.0007418	.0061563
Stddev	.0000802	.0000689	.0287277	.0003227	.000156	.0024799	.0123457
%RSD	532.2376	9682.129	67.58935	657.3305	111.7220	334.3070	200.5373

#1	-.000067	-.000044	.0756541	.0003478	.000038	.0022474	.0198156
#2	.000093	-.000033	.0269525	-.000293	-.000255	-.002120	.0028601
#3	.000019	.000080	.0249032	.000093	-.000201	.002099	-.004207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000093	.0237648	.0000953	.0000846	-.318292	.0008066	.0013829
Stddev	.000537	.0200963	.0006628	.0001377	.271932	.0003630	.0020594
%RSD	575.7523	84.56310	695.6598	162.7535	85.43465	44.99908	148.9192

#1	-.000706	.0467248	.0001304	-.000052	-.411259	.0007251	.0016359
#2	.000296	.0151979	-.000584	.000224	-.012069	.0012034	.0033040
#3	.000130	.0093716	.000740	.000082	-.531549	.0004913	-.000791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012730	.0032161	.0011463	-.000091	-.002458	-.000741	-.000627
Stddev	.022658	.0029564	.0002768	.000067	.005877	.000927	.000413
%RSD	177.9853	91.92457	24.14996	74.24731	239.1466	125.0843	65.88081

#1	-.007320	.0060227	.0010804	-.000110	.003025	-.000154	-.001050
#2	-.037603	.0001298	.0009084	-.000016	-.001736	-.000260	-.000225
#3	.006733	.0034957	.0014502	-.000146	-.008662	-.001809	-.000605

Sample Name: CCB050 Acquired: 04/13/2021 16:12:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000680	-.003428	-.000057
Stddev	.0001367	.000842	.000078
%RSD	201.2028	24.57003	136.7768

#1	.0001749	-.002461	-.000033
#2	-.000086	-.004004	-.000145
#3	.000115	-.003818	.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.333	29883.01	6050.903	1008.715	2233.379
Stddev	3.586	106.41	29.177	4.638	5.864
%RSD	.2003961	.3560937	.4821938	.4597916	.2625505

#1	1787.042	29762.11	6083.940	1003.566	2226.820
#2	1787.491	29924.43	6040.102	1010.015	2235.202
#3	1793.465	29962.48	6028.666	1012.565	2238.115

Sample Name: M1904-13LX5 Acquired: 04/13/2021 16:29:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3248L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0412325	.0509960	.0101017	.0180770	.0161538	7.300202	.0135689
Stddev	.0054673	.0025664	.0008550	.0050279	.0013981	.009183	.0007524
%RSD	13.25963	5.032481	8.463746	27.81380	8.654763	.1257972	5.545391

#1	.0371020	.0507811	.0103163	.0235965	.0170035	7.309790	.0139147
#2	.0391632	.0536630	.0108290	.0137580	.0169177	7.291485	.0127057
#3	.0474324	.0485438	.0091599	.0168764	.0145402	7.299332	.0140863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416342	.0300989	2.228324	.0126840	.0020259	.1024257	10.23505
Stddev	.0001424	.0000586	.005676	.0005837	.0004568	.0011740	.02679
%RSD	.3420102	.1945675	.2547355	4.602043	22.54804	1.146181	.2617922

#1	.0416831	.0300810	2.232377	.0131387	.0015820	.1035176	10.22042
#2	.0414737	.0301643	2.230758	.0128875	.0024946	.1011840	10.21876
#3	.0417456	.0300514	2.221836	.0120257	.0020012	.1025755	10.26598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755354	.8004965	.0628042	.0468481	1.555345	.3626318	.1119514
Stddev	.0006571	.0114963	.0008280	.0001444	.421983	.0012684	.0019733
%RSD	.8698907	1.436145	1.318326	.3083017	27.13114	.3497639	1.762637

#1	.0762894	.7906352	.0618884	.0468451	1.847907	.3615006	.1116294
#2	.0752316	.8131233	.0634997	.0467052	1.746518	.3623918	.1140660
#3	.0750851	.7977311	.0630246	.0469940	1.071610	.3640030	.1101590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.16821	.0293029	-.003439	.0020584	.1583765	1.350445	-.000614
Stddev	.03152	.0016700	.000830	.0001707	.0033307	.011786	.001367
%RSD	.1835741	5.699119	24.12675	8.294026	2.103034	.8727789	222.6439

#1	17.13184	.0311381	-.002783	.0021968	.1611893	1.352535	-.002152
#2	17.18527	.0288981	-.004371	.0018676	.1592417	1.337753	.000465
#3	17.18753	.0278725	-.003162	.0021106	.1546986	1.361046	-.000156

Sample Name: M1904-13LX5 Acquired: 04/13/2021 16:29:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X3248L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1294914	-.004236	-.004309
Stddev	.0007155	.000909	.000066
%RSD	.5525645	21.45096	1.532274

#1	.1287204	-.003406	-.004281
#2	.1301342	-.005207	-.004261
#3	.1296197	-.004096	-.004384

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.331	30070.97	6115.932	1022.398	2228.730
Stddev	2.715	49.32	27.700	1.818	.341
%RSD	.1506595	.1640162	.4529107	.1778607	.0153156

#1	1800.495	30110.91	6108.107	1024.336	2228.385
#2	1805.450	30015.85	6146.702	1020.729	2228.738
#3	1801.048	30086.16	6092.987	1022.130	2229.068

Sample Name: M1939-08A Acquired: 04/13/2021 16:33:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4869724	-.010785	5.572924	.0348898	.0112798	17.31589
Stddev	.0140446	.001355	.008511	.0054288	.0034214	.32192
%RSD	2.884063	12.56456	.1527259	15.55970	30.33180	1.859130

#1	.4922323	-.012316	5.563434	.0411541	.0084260	16.94428
#2	.4710571	-.010296	5.575455	.0319583	.0103409	17.50976
#3	.4976278	-.009741	5.579883	.0315571	.0150727	17.49363

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.59074	.0052035	.1174537	F 1228.962	.1426613	.0809009
Stddev	.28130	.0001270	.0003878	18.648	.0005694	.0001720
%RSD	1.695520	2.439722	.3302105	1.517374	.3991628	.2126285

#1	16.37384	.0052137	.1170468	1207.655	.1420970	.0808006
#2	16.48979	.0053250	.1174953	1242.310	.1432357	.0810995
#3	16.90858	.0050717	.1178191	1236.921	.1426513	.0808025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2755575	192.8693	5.875103	664.5903	.1307372	.0077789
Stddev	.0059050	3.2872	.124379	10.2303	.0009539	.0003728
%RSD	2.142921	1.704363	2.117054	1.539332	.7296674	4.792059

#1	.2688027	189.1522	5.732716	652.9593	.1296571	.0076481
#2	.2781294	194.0620	5.962563	668.6176	.1314644	.0074891
#3	.2797404	195.3936	5.930032	672.1941	.1310900	.0081994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.249484	.2521789	16.43961	1.520277	3.292666	-.003388
Stddev	.415971	.0060462	.11433	.032156	.006910	.001198
%RSD	18.49185	2.397571	.6954420	2.115148	.2098732	35.37758

#1	2.227578	.2452619	16.37129	1.505791	3.286770	-.004215
#2	1.844898	.2564576	16.37594	1.497912	3.300270	-.003935
#3	2.675975	.2548172	16.57160	1.557128	3.290957	-.002013

Sample Name: M1939-08A Acquired: 04/13/2021 16:33:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117393	66.71765	8.551837	.0398000	.3910713	.0316538
Stddev	.0009791	.28843	.124530	.0012459	.0096309	.0010505
%RSD	8.340658	.4323177	1.456184	3.130341	2.462708	3.318660

#1	.0107155	66.39901	8.408336	.0411019	.3799706	.0309938
#2	.0118357	66.79304	8.631557	.0396791	.3972002	.0311025
#3	.0126667	66.96090	8.615617	.0386189	.3960433	.0328652

Elem	Sr4077
Units	ppm
Avg	.4725822
Stddev	.0108454
%RSD	2.294931

#1	.4600629
#2	.4791124
#3	.4785715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.939	27552.25	6055.253	909.5227	1711.894
Stddev	3.935	56.64	83.079	4.1085	6.567
%RSD	.2467354	.2055859	1.372011	.4517203	.3835987

#1	1599.286	27521.77	6151.135	909.8011	1719.058
#2	1593.911	27617.61	6009.967	913.4849	1710.463
#3	1591.620	27517.38	6004.656	905.2821	1706.161

Sample Name: M1904-14 Acquired: 04/13/2021 16:52:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3248D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2099529	.2726356	.0510726	.0663988	.0901671	36.89842	.0711970
Stddev	.0034277	.0028031	.0018519	.0023686	.0005374	.10134	.0001895
%RSD	1.632628	1.028144	3.626077	3.567266	.5960649	.2746360	.2661189

#1	.2121617	.2710882	.0519985	.0681959	.0895523	36.84336	.0709841
#2	.2116929	.2709473	.0522790	.0672857	.0905478	37.01537	.0712596
#3	.2060041	.2758713	.0489403	.0637147	.0904013	36.83653	.0713472

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2108288	.1583583	11.47792	.0621724	.0104883	.5140346	51.47867
Stddev	.0007119	.0003728	.05817	.0006722	.0000928	.0025116	.26430
%RSD	.3376607	.2353875	.5067796	1.081158	.8850365	.4886137	.5134191

#1	.2115617	.1587804	11.41739	.0623364	.0104190	.5129701	51.38068
#2	.2101399	.1580745	11.53339	.0627474	.0105938	.5169032	51.77797
#3	.2107849	.1582199	11.48298	.0614334	.0104523	.5122305	51.27736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4015991	4.075514	.3242331	.2374368	8.823006	1.894193	.5705470
Stddev	.0004854	.040858	.0017513	.0010838	.124331	.009961	.0073516
%RSD	.1208589	1.002513	.5401425	.4564512	1.409172	.5258753	1.288519

#1	.4020355	4.039778	.3251470	.2372779	8.932986	1.886260	.5669473
#2	.4010764	4.066707	.3222138	.2385913	8.847932	1.905372	.5790047
#3	.4016855	4.120057	.3253384	.2364413	8.688100	1.890946	.5656889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.11481	.1554221	-.002988	.0098046	.8179536	6.590253	.0034493
Stddev	.02364	.0024470	.000589	.0006152	.0063932	.008189	.0008985
%RSD	.0259506	1.574449	19.69294	6.274866	.7816147	.1242551	26.05001

#1	91.09636	.1551216	-.002802	.0095365	.8176278	6.594291	.0031023
#2	91.14146	.1580055	-.002515	.0093690	.8245035	6.595639	.0044696
#3	91.10659	.1531392	-.003648	.0105084	.8117294	6.580830	.0027760

Sample Name: M1904-14 Acquired: 04/13/2021 16:52:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3248D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6259527	-.001245	-.024901
Stddev	.0043167	.000497	.000190
%RSD	.6896211	39.94908	.7646019

#1	.6235204	-.001406	-.024761
#2	.6309367	-.001641	-.025118
#3	.6234011	-.000687	-.024825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.740	30875.45	6345.419	1048.488	2170.216
Stddev	6.045	125.98	17.234	3.057	3.816
%RSD	.3280315	.4080394	.2715971	.2915948	.1758361

#1	1839.977	30930.23	6361.725	1050.954	2167.048
#2	1849.672	30964.77	6327.387	1049.444	2174.453
#3	1838.569	30731.35	6347.144	1045.067	2169.148

Sample Name: M1904-03 Acquired: 04/13/2021 17:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3244S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925317	.0826621	.0373634	.2015642	.2498459	2.102285	2.904866
Stddev	.0035213	.0065158	.0015466	.0051490	.0014440	.011937	.002670
%RSD	3.805449	7.882465	4.139422	2.554494	.5779560	.5678040	.0919171

#1	.0897821	.0785237	.0391474	.1971721	.2512983	2.090095	2.903589
#2	.0913124	.0901729	.0363993	.2072307	.2498292	2.113952	2.907934
#3	.0965005	.0792897	.0365437	.2002898	.2484104	2.102807	2.903074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780735	.0824689	-.028308	.2313888	.7450678	.2843621	1.524692
Stddev	.0006268	.0005076	.012883	.0013902	.0037648	.0035349	.003522
%RSD	.8028730	.6154906	45.50935	.6008193	.5053019	1.243105	.2309652

#1	.0781273	.0829510	-.038083	.2302853	.7461245	.2861121	1.528550
#2	.0774215	.0825165	-.013709	.2309309	.7481915	.2866806	1.521650
#3	.0786716	.0819392	-.033131	.2329502	.7408876	.2802935	1.523876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6589656	12.46254	.5552929	.0909864	-.396578	.5863326	.7035755
Stddev	.0024353	.08990	.0014629	.0009156	.171636	.0021617	.0111184
%RSD	.3695582	.7213243	.2634400	1.006355	43.27936	.3686879	1.580276

#1	.6595451	12.35980	.5557593	.0899461	-.447604	.5854062	.6907556
#2	.6610588	12.50108	.5564657	.0916700	-.205215	.5888032	.7105831
#3	.6562928	12.52675	.5536537	.0913430	-.536915	.5847885	.7093877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.10584	.0017402	-.005421	-.000131	-.001134	-.000510	.0000841
Stddev	.06924	.0020585	.000548	.000378	.002234	.000527	.0010898
%RSD	.4298844	118.2899	10.10775	287.9293	197.0139	103.3194	1295.359

#1	16.12052	-.000160	-.004810	.000304	-.000264	-.000248	-.000941
#2	16.03044	.001453	-.005583	-.000375	-.003673	-.000165	.001228
#3	16.16655	.003927	-.005869	-.000322	.000534	-.001116	-.000035

Sample Name: M1904-03 Acquired: 04/13/2021 17:03:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3244S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001413	-.007921	-.001202
Stddev	.000754	.001539	.000058
%RSD	53.35919	19.43162	4.788684

#1	-.001518	-.006732	-.001149
#2	-.002108	-.009660	-.001192
#3	-.000612	-.007371	-.001263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.191	29483.78	6129.145	995.0623	2200.512
Stddev	13.001	72.33	14.066	6.2978	13.077
%RSD	.7344293	.2453184	.2295015	.6329033	.5942722

#1	1756.456	29549.49	6121.810	1001.649	2189.504
#2	1771.810	29406.28	6120.262	989.100	2197.064
#3	1782.306	29495.56	6145.363	994.438	2214.967

Sample Name: M1904-15 Acquired: 04/13/2021 17:07:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3248S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2752627	.3334114	.0935924	.2799018	.3000374	39.43516	4.546782
Stddev	.0072914	.0076350	.0020552	.0069183	.0012841	.02166	.002113
%RSD	2.648886	2.289961	2.195954	2.471676	.4279858	.0549263	.0464797

#1	.2716344	.3246907	.0912832	.2845053	.3003019	39.41213	4.546693
#2	.2704972	.3388918	.0942732	.2719460	.3011686	39.45512	4.548939
#3	.2836564	.3366518	.0952209	.2832541	.2986416	39.43822	4.544715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3089118	.2646874	10.65971	.5140309	1.151298	1.048808	51.03252
Stddev	.0025690	.0005393	.04732	.0003749	.004344	.003996	.11750
%RSD	.8316213	.2037604	.4439412	.0729252	.3772765	.3810084	.2302360

#1	.3092526	.2640794	10.69257	.5144636	1.146854	1.044794	50.92959
#2	.3112935	.2651083	10.68110	.5138254	1.155533	1.052785	51.16053
#3	.3061895	.2648745	10.60547	.5138038	1.151507	1.048845	51.00745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.490599	3.858231	1.433714	.3326609	8.165824	2.921198	1.662505
Stddev	.002717	.025662	.003769	.0010476	.124129	.004592	.008499
%RSD	.1822907	.6651290	.2629024	.3149200	1.520110	.1572050	.5112311

#1	1.488395	3.872821	1.429839	.3333322	8.260789	2.917187	1.653357
#2	1.489768	3.873272	1.433934	.3314537	8.211316	2.926207	1.664003
#3	1.493635	3.828600	1.437368	.3331966	8.025367	2.920198	1.670156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	84.86255	.1630737	-.003461	.0090707	.7988991	6.459293	.0015933
Stddev	.19736	.0031145	.001555	.0001598	.0041819	.028026	.0006865
%RSD	.2325612	1.909907	44.93528	1.761231	.5234523	.4338943	43.09074

#1	84.63549	.1636649	-.003082	.0090076	.7988400	6.470860	.0023856
#2	84.99282	.1597059	-.005171	.0089521	.7947470	6.479684	.0011762
#3	84.95936	.1658502	-.002131	.0092523	.8031101	6.427334	.0012179

Sample Name: M1904-15 Acquired: 04/13/2021 17:07:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X3248S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6222275	-.001574	-.022632
Stddev	.0011926	.000930	.000039
%RSD	.1916697	59.05180	.1745022

#1	.6233919	-.000901	-.022587
#2	.6222821	-.002635	-.022655
#3	.6210085	-.001187	-.022655

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.777	30655.38	6338.321	1040.339	2167.336
Stddev	6.851	59.49	31.953	3.945	6.898
%RSD	.3731913	.1940476	.5041209	.3792323	.3182917

#1	1838.104	30637.68	6313.230	1035.932	2172.542
#2	1841.161	30721.70	6327.440	1043.543	2169.955
#3	1828.066	30606.75	6374.293	1041.543	2159.512

Sample Name: CCV051 Acquired: 04/13/2021 17:26:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042713	4.845458	24.86396	5.263189	5.025809	401.6155	9.998584
Stddev	.040662	.015339	.07764	.024928	.006845	1.9432	.031134
%RSD	.8063555	.3165638	.3122580	.4736327	.1362020	.4838442	.3113838

#1	5.072208	4.854600	24.94810	5.285288	5.025929	403.7549	10.01992
#2	4.996328	4.827749	24.84869	5.236166	5.018904	401.1317	10.01297
#3	5.059604	4.854024	24.79508	5.268113	5.032593	399.9599	9.96286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4884072	2.533396	398.8372	15.12928	2.539788	15.09785	405.3691
Stddev	.0012532	.006635	.5317	.01893	.004620	.00841	.1421
%RSD	.2565836	.2618831	.1333052	.1251151	.1818955	.0556799	.0350566

#1	.4884475	2.540661	398.2812	15.15023	2.545098	15.09579	405.4965
#2	.4896398	2.531868	399.3406	15.12422	2.537584	15.10710	405.2158
#3	.4871344	2.527659	398.8898	15.11340	2.536684	15.09067	405.3948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83626	396.7514	2.437333	1.298269	394.5989	2.519145	15.98601
Stddev	.01064	.0680	.002044	.004994	.3156	.002342	.07401
%RSD	.0717037	.0171290	.0838690	.3846911	.0799870	.0929554	.4629553

#1	14.82409	396.7600	2.439092	1.302850	394.7317	2.521750	16.00556
#2	14.84380	396.6795	2.437816	1.292945	394.8264	2.518467	15.90419
#3	14.84089	396.8146	2.435091	1.299013	394.2386	2.517216	16.04828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7361	5.269325	4.877903	5.042104	5.364147	4.851040	5.057412
Stddev	.1808	.025698	.011130	.005009	.013518	.011481	.021207
%RSD	.1191841	.4876857	.2281684	.0993425	.2520094	.2366753	.4193208

#1	151.9280	5.282701	4.881202	5.047022	5.370249	4.851281	5.080190
#2	151.7116	5.239698	4.887011	5.037009	5.348654	4.862398	5.053806
#3	151.5688	5.285576	4.865497	5.042282	5.373539	4.839440	5.038239

Sample Name: CCV051 Acquired: 04/13/2021 17:26:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.082061	5.140332	5.021187
Stddev	.004733	.002350	.031590
%RSD	.0931297	.0457157	.6291372

#1	5.087523	5.142773	5.025823
#2	5.079507	5.138085	5.050203
#3	5.079154	5.140139	4.987535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.772	26480.37	5820.509	832.9130	1702.289
Stddev	2.935	62.94	11.364	3.6671	4.436
%RSD	.1949317	.2376770	.1952352	.4402769	.2606188

#1	1503.309	26426.40	5810.253	829.6814	1697.223
#2	1509.020	26465.21	5818.548	836.8985	1704.166
#3	1504.988	26549.51	5832.726	832.1592	1705.480

Sample Name: CCB051 Acquired: 04/13/2021 17:30:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053097	.0016754	.0022927	-.001669	-.002327	-.004791	-.002823
Stddev	.0055127	.0033712	.0008620	.007319	.001232	.012106	.000235
%RSD	103.8232	201.2143	37.59804	438.6509	52.94131	252.6829	8.317494

#1	-.000284	.0051655	.0032744	.005785	-.003303	.007565	-.002736
#2	.010738	.0014236	.0019445	-.008846	-.002735	-.005308	-.002644
#3	.005475	-.001563	.0016593	-.001945	-.000943	-.016630	-.003089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001322	.0000325	.0053907	.0001609	.0000507	.0051836	.0066828
Stddev	.0000460	.0000555	.0045234	.0003051	.0002535	.0017621	.0127454
%RSD	34.81574	171.0155	83.91231	189.6367	499.7684	33.99381	190.7197

#1	.0000967	-.000025	.0100481	-.000105	-.000127	.0059093	.0197632
#2	.0001842	.000037	.0051096	.000094	.000341	.0064670	.0059840
#3	.0001157	.000085	.0010143	.000494	-.000061	.0031745	-.005699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001324	.0210240	.0001317	.0003429	-.214109	.0026778	.0008431
Stddev	.0002912	.0391827	.0005580	.0000790	.173180	.0039195	.0011164
%RSD	219.9317	186.3719	423.6959	23.04433	80.88386	146.3723	132.4154

#1	.0000125	-.004295	.0001466	.0004314	-.345376	-.001681	.0021167
#2	-.000080	.066157	.0006821	.0002794	-.017831	.005913	.0000331
#3	.000464	.001210	-.000434	.0003179	-.279119	.003801	.0003796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583897	-.000143	.0092359	.0013596	-.009217	-.001233	.0014304
Stddev	.0596140	.000668	.0009023	.0001937	.005114	.000821	.0011057
%RSD	102.0969	466.8545	9.769161	14.24510	55.48299	66.61908	77.29860

#1	.0081303	.000099	.0087650	.0015718	-.014432	-.000396	.0026612
#2	.0427844	.000370	.0102762	.0013147	-.004210	-.002038	.0011087
#3	.1242542	-.000898	.0086665	.0011923	-.009011	-.001265	.0005212

Sample Name: CCB051 Acquired: 04/13/2021 17:30:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1470) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005350	-.000591	.0001066
Stddev	.0005887	.000633	.0000901
%RSD	110.0337	107.0706	84.55137

#1	.0004944	-.000931	.0002003
#2	.0011430	-.000981	.0000206
#3	-.000032	.000139	.0000988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.624	29664.14	6060.860	1004.754	2219.034
Stddev	7.269	126.11	38.670	.981	9.878
%RSD	.4096111	.4251257	.6380247	.0975991	.4451698

#1	1777.151	29628.76	6023.049	1004.520	2217.546
#2	1766.429	29804.16	6059.196	1005.830	2209.984
#3	1780.292	29559.50	6100.335	1003.911	2229.572