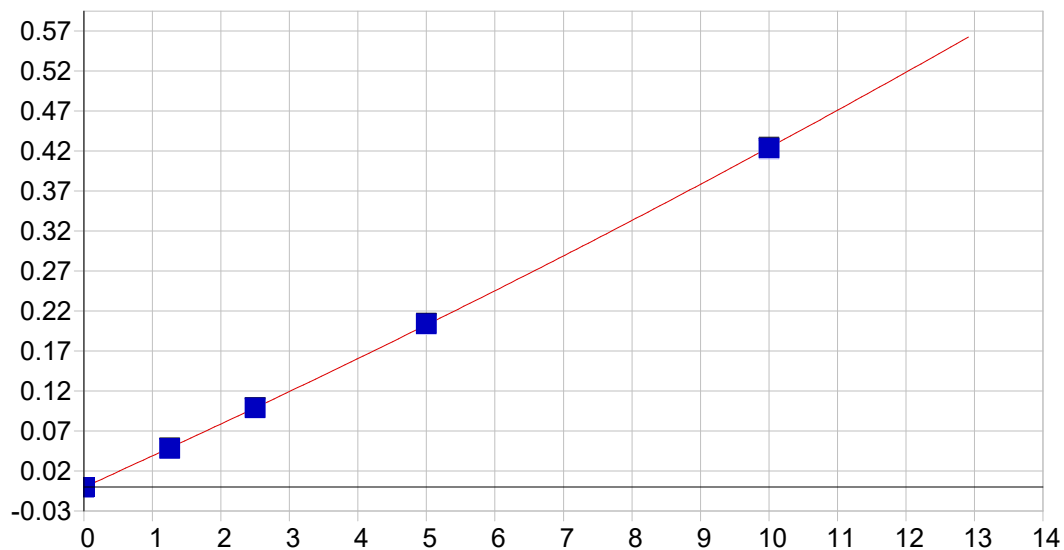


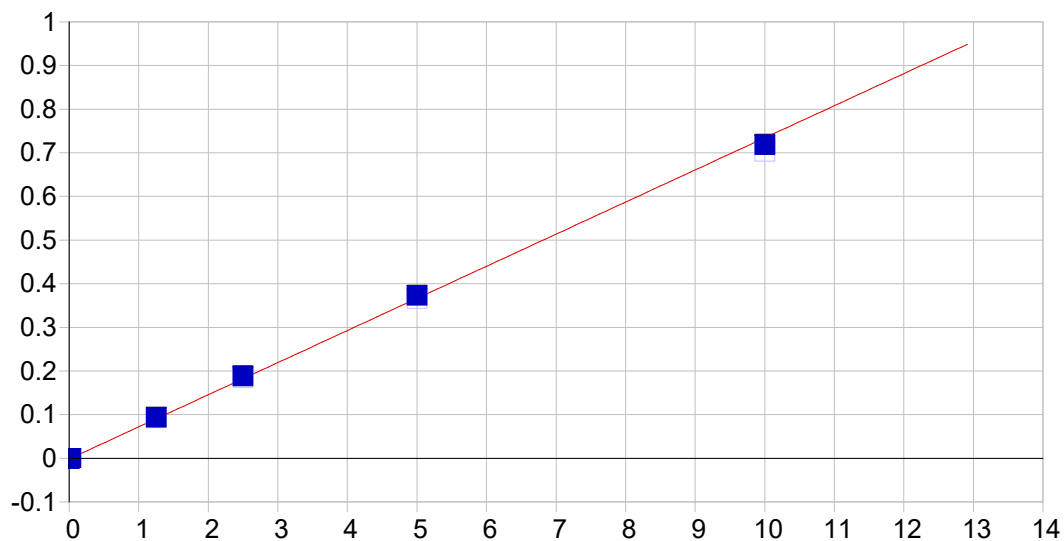


As 189.042 {479}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	-0.000567	Re-Slope:	1.000000
A1 (Gain):	0.039079	Y-int:	0.000000
A2 (Curvature):	0.000450		
n (Exponent):	0.990000		
Correlation:	0.999970	Status:	Warning Positive Curvature
Std Error of Est:	0.000008		
Predicted MDL:	0.006008		
Predicted MQL:	0.020028		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.01000	.01266	.003	26.6	-.00005	.000	1
S2	1.2500	1.2336	-.016	-1.31	.04799	.000	1
S3	2.5000	2.4934	-.007	-.262	.09828	.001	1
S4	5.0000	5.0313	.031	.627	.20302	.001	1
S5	10.000	9.9888	-.011	-.112	.42197	.001	1

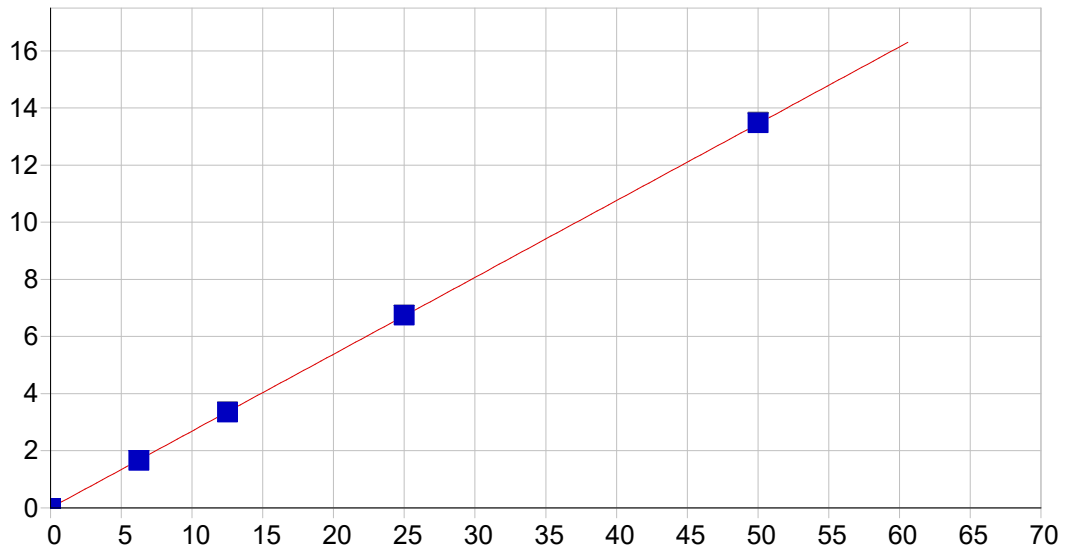


TI 190.856 {477}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001549	Re-Slope:	1.000000
A1 (Gain):	0.073592	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999673	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.003562		
Predicted MQL:	0.011875		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00155	.000	1
S1	.02500	.03105	.006	24.2	.00056	.000	1
S2	1.2500	1.2954	.045	3.63	.09189	.000	1
S3	2.5000	2.5769	.077	3.08	.18430	.001	1
S4	5.0000	5.0890	.089	1.78	.36539	.001	1
S5	10.000	9.7830	-.217	-2.17	.70325	.002	1

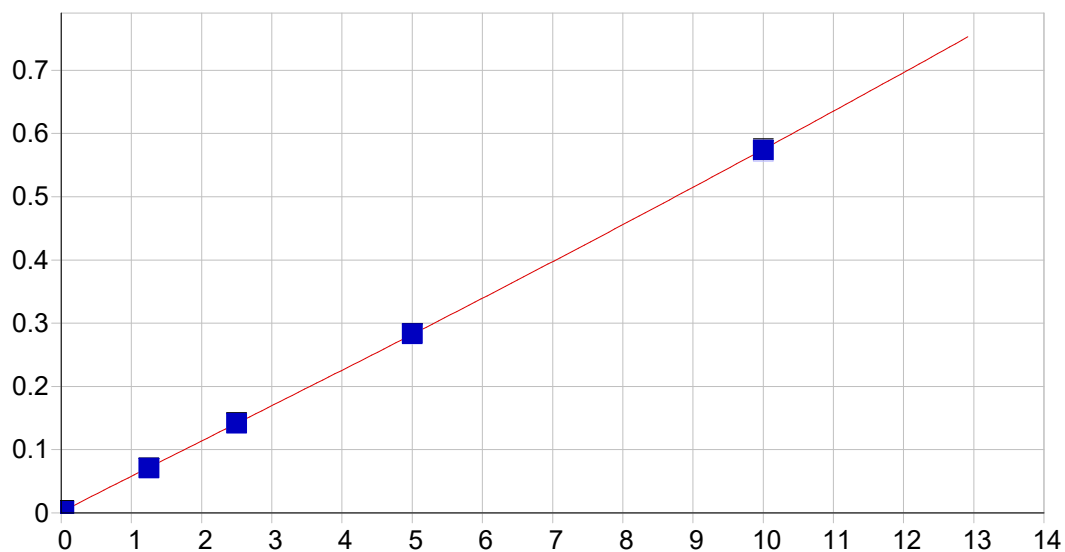


Pb 220.353 {453}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001003	Re-Slope:	1.000000
A1 (Gain):	0.268978	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.002024		
Predicted MQL:	0.006747		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00100	.000	1
S1	.01000	.01267	.003	26.7	.00441	.001	1
S2	6.2500	6.1522	-.098	-1.56	1.6561	.003	1
S3	12.500	12.445	-.055	-.436	3.3492	.005	1
S4	25.000	25.057	.057	.229	6.7421	.006	1
S5	50.000	50.092	.092	.185	13.477	.020	1

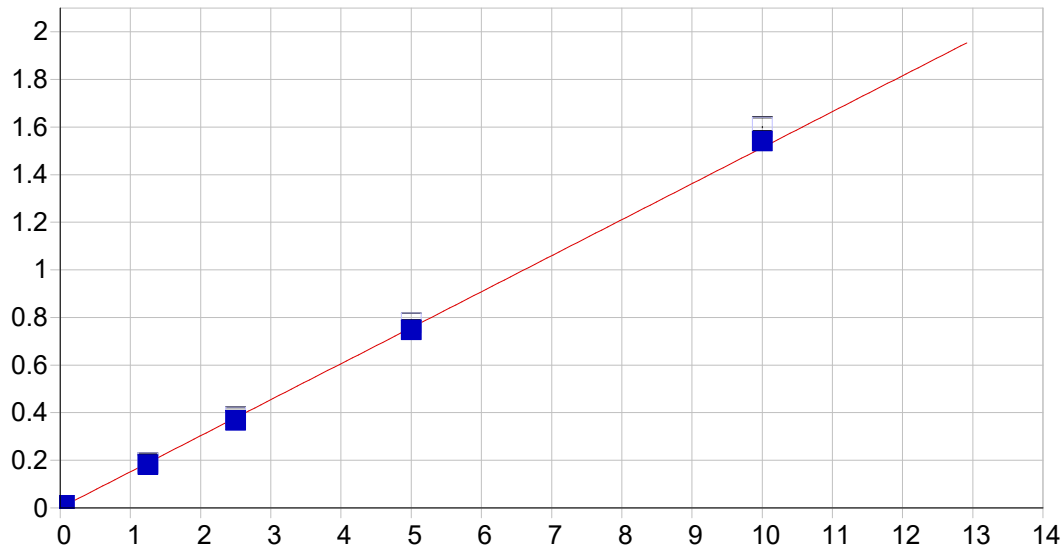


Se 196.090 {472}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000898	Re-Slope:	1.000000
A1 (Gain):	0.056541	Y-int:	0.000000
A2 (Curvature):	0.000529		
n (Exponent):	0.970000		
Correlation:	0.999981	Status:	Warning Positive Curvature
Std Error of Est:	0.000015		
Predicted MDL:	0.004840		
Predicted MQL:	0.016133		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.03500	.03767	.003	7.62	.00325	.000	1
S2	1.2500	1.2292	-.021	-1.67	.07042	.000	1
S3	2.5000	2.5055	.005	.219	.14118	.001	1
S4	5.0000	5.0227	.023	.453	.28223	.000	1
S5	10.000	9.9902	-.010	-.098	.57138	.002	1

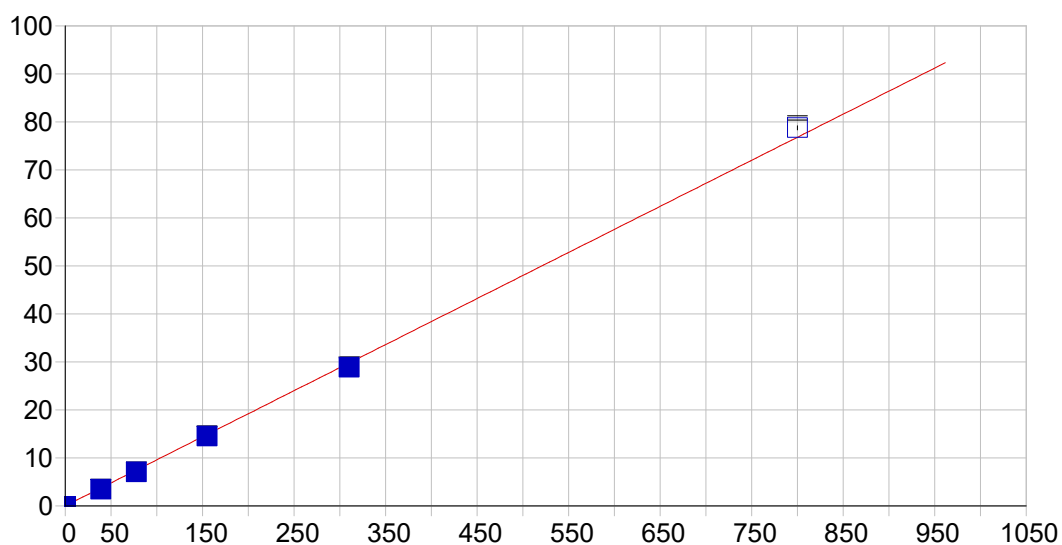


Sb 206.833 {463}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000614 Re-Slope: 1.000000
 A1 (Gain): 0.151268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.002313
 Predicted MQL: 0.007711

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.06000	.06833	.008	13.9	.01095	.000	1
S2	1.2500	1.1978	-.052	-4.18	.18910	.000	1
S3	2.5000	2.4223	-.078	-3.11	.38164	.002	1
S4	5.0000	4.9381	-.062	-1.24	.77680	.001	1
S5	10.000	10.184	.184	1.84	1.5995	.003	1

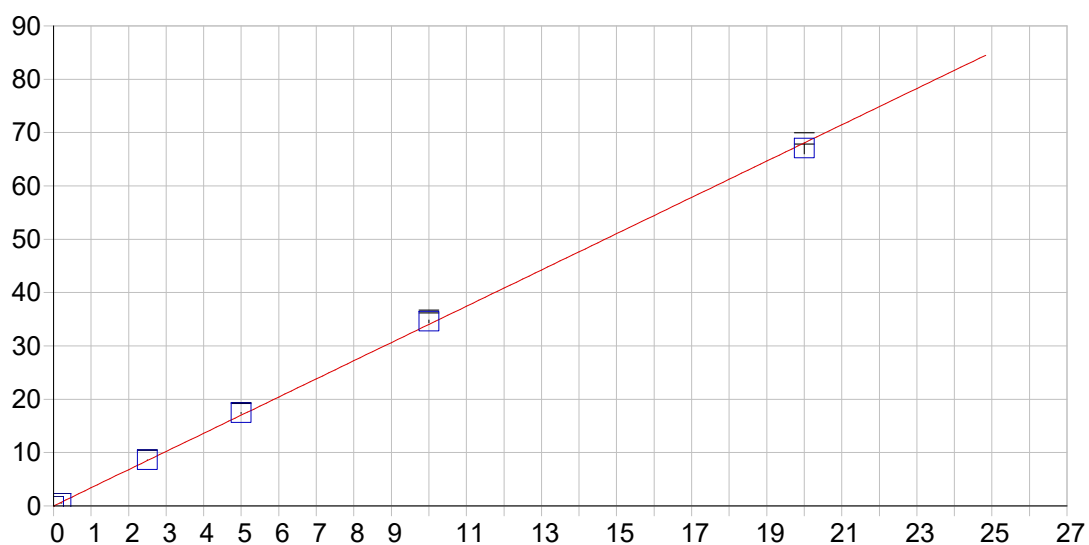


AI 396.152 { 85}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002828 Re-Slope: 1.000000
 A1 (Gain): 0.096011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999512 Status: OK.
 Std Error of Est: 0.001866
 Predicted MDL: 0.009146
 Predicted MQL: 0.030487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00283	.001	1
S1	.20000	.21415	.014	7.07	.02342	.000	1
S2	38.750	35.800	-2.95	-7.61	3.4440	.016	1
S3	77.500	73.296	-4.20	-5.42	7.0480	.035	1
S4	155.00	151.06	-3.94	-2.54	14.522	.059	1
S5	310.00	300.72	-9.28	-2.99	28.907	.115	1
S6	800.00	820.38	20.4	2.55	78.769	.458	1

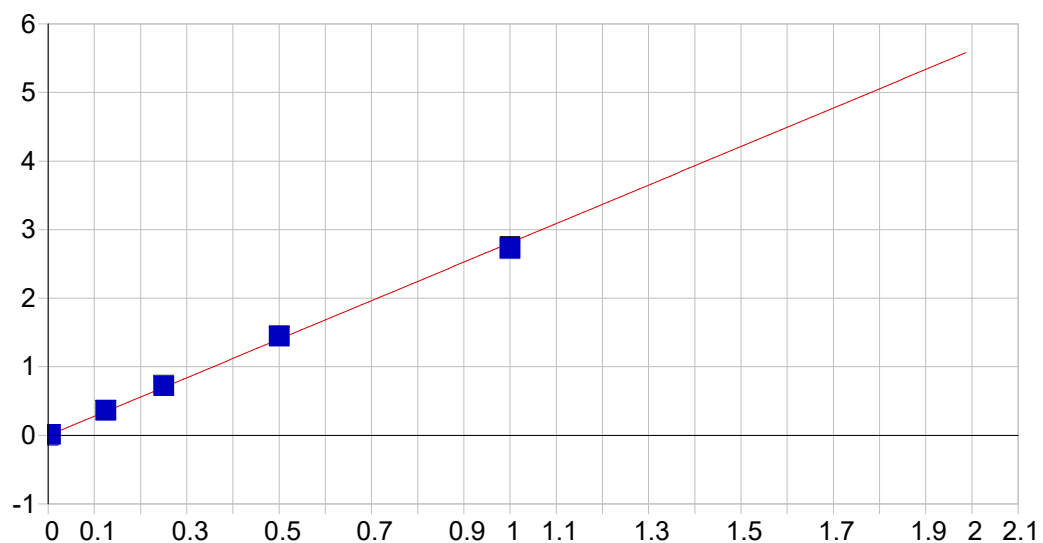


Ba 493.409 { 68}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001685 Re-Slope: 1.000000
 A1 (Gain): 3.402735 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781 Status: OK.
 Std Error of Est: 0.007576
 Predicted MDL: 0.000689
 Predicted MQL: 0.002296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00177	.001	1
S1	.20000	.16540	-.035	-17.3	.56451	.002	1
S2	2.5000	2.5333	.033	1.33	8.6217	.028	1
S3	5.0000	5.1237	.124	2.47	17.436	.074	1
S4	10.000	10.168	.168	1.68	34.602	.263	1
S5	20.000	19.709	-.291	-1.45	67.068	1.05	1

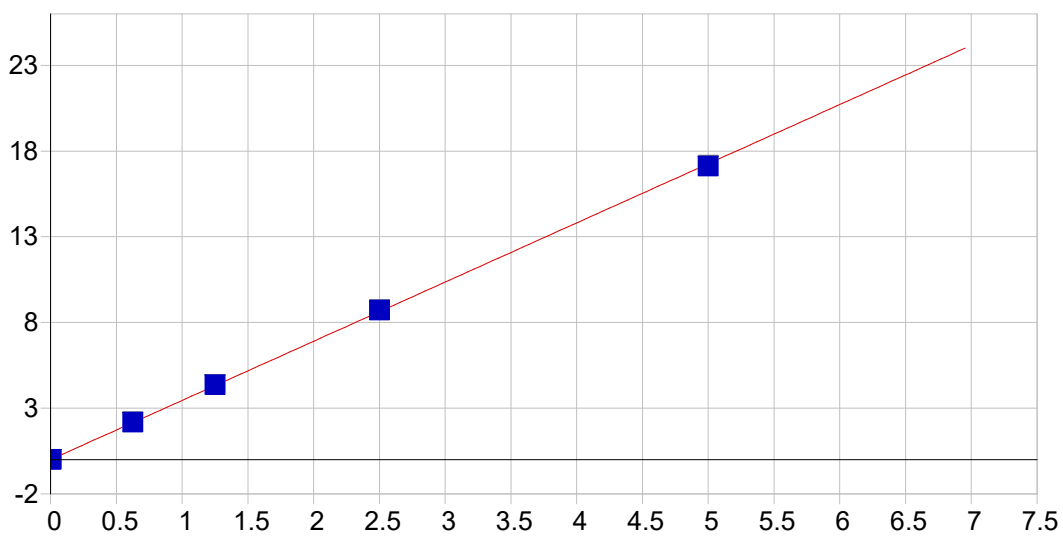


Be 234.861 {144}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002704	Re-Slope:	1.000000
A1 (Gain):	2.809571	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999448	Status:	OK.
Std Error of Est:	0.000349		
Predicted MDL:	0.000107		
Predicted MQL:	0.000357		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00271	.000	1
S1	.00500	.00605	.001	20.9	.01428	.000	1
S2	.12500	.13014	.005	4.11	.36183	.002	1
S3	.25000	.25815	.008	3.26	.72036	.007	1
S4	.50000	.51547	.015	3.09	1.4411	.005	1
S5	1.0000	.97020	-.030	-2.98	2.7143	.027	1

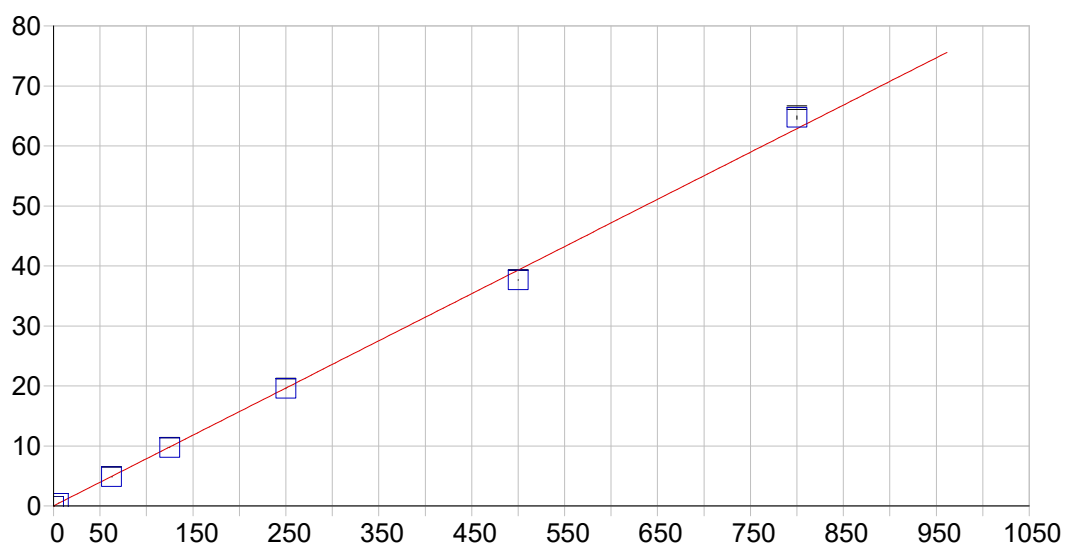


Cd 214.438 {457}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000625 Re-Slope: 1.000000
 A1 (Gain): 3.452494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000283
 Predicted MDL: 0.000112
 Predicted MQL: 0.000373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00063	.000	1
S1	.00500	.00586	.001	17.3	.01963	.001	1
S2	.62500	.63018	.005	.829	2.1781	.006	1
S3	1.2500	1.2619	.012	.951	4.3621	.015	1
S4	2.5000	2.5243	.024	.972	8.7268	.010	1
S5	5.0000	4.9578	-.042	-.845	17.140	.023	1

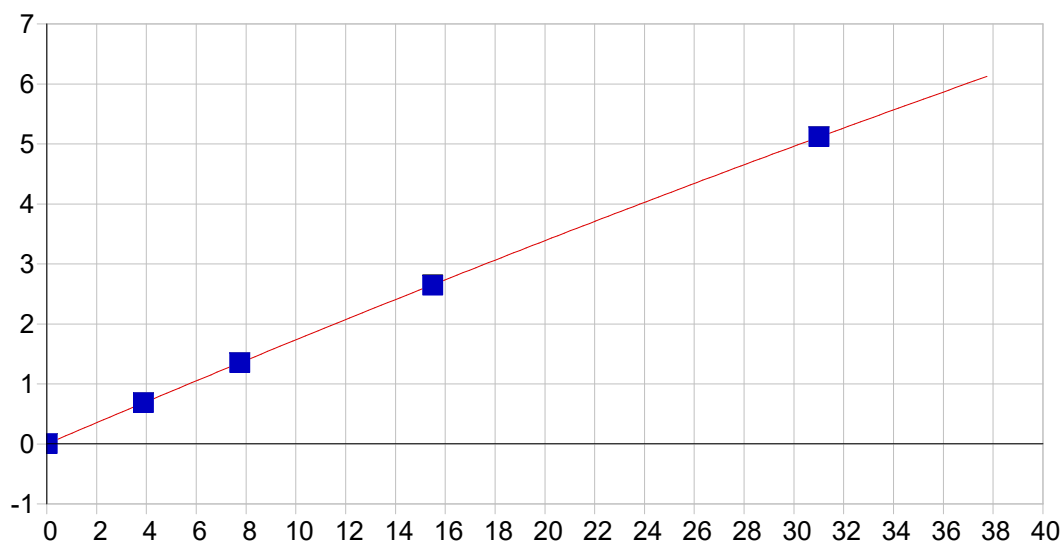


Ca 373.690 { 90}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001331	Re-Slope:	1.000000
A1 (Gain):	0.078603	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999512	Status:	OK.
Std Error of Est:	0.008577		
Predicted MDL:	0.010845		
Predicted MQL:	0.036150		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	.00129	.001	1
S1	5.0000	5.7475	.747	14.9	.45310	.003	1
S2	62.500	61.695	-.805	-1.29	4.8507	.009	1
S3	125.00	123.66	-1.34	-1.08	9.7210	.030	1
S4	250.00	248.99	-1.01	-.403	19.573	.064	1
S5	500.00	479.03	-21.0	-4.19	37.655	.063	1
S6	800.00	823.38	23.4	2.92	64.721	.298	1

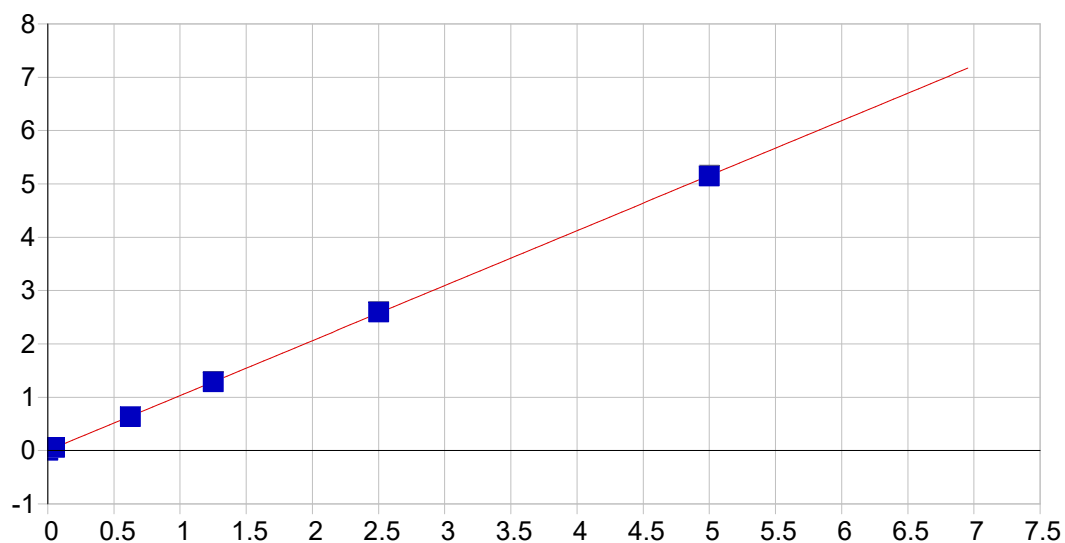


Cr 267.716 {126}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.177469 Y-int: 0.000000
 A2 (Curvature): -0.000404
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000634
 Predicted MQL: 0.002115

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01233	.002	23.3	.00219	.000	1
S2	3.8750	3.9056	.031	.789	.68721	.001	1
S3	7.7500	7.7513	.001	.017	1.3518	.002	1
S4	15.500	15.436	-.064	-.410	2.6441	.006	1
S5	31.000	31.030	.030	.096	5.1195	.004	1

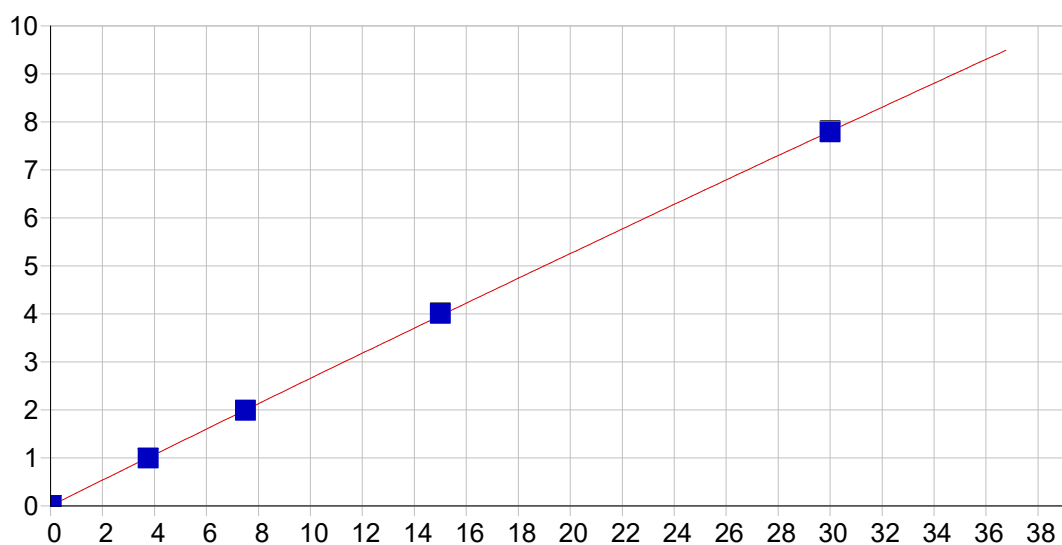


Co 228.616 {448}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000507	Re-Slope:	1.000000
A1 (Gain):	1.031136	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000320		
Predicted MDL:	0.000352		
Predicted MQL:	0.001175		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00051	.000	1
S1	.05000	.05703	.007	14.1	.05847	.000	1
S2	.62500	.61558	-.009	-1.51	.63531	.001	1
S3	1.2500	1.2471	-.003	-.232	1.2876	.003	1
S4	2.5000	2.5172	.017	.690	2.5994	.003	1
S5	5.0000	4.9880	-.012	-.239	5.1514	.010	1

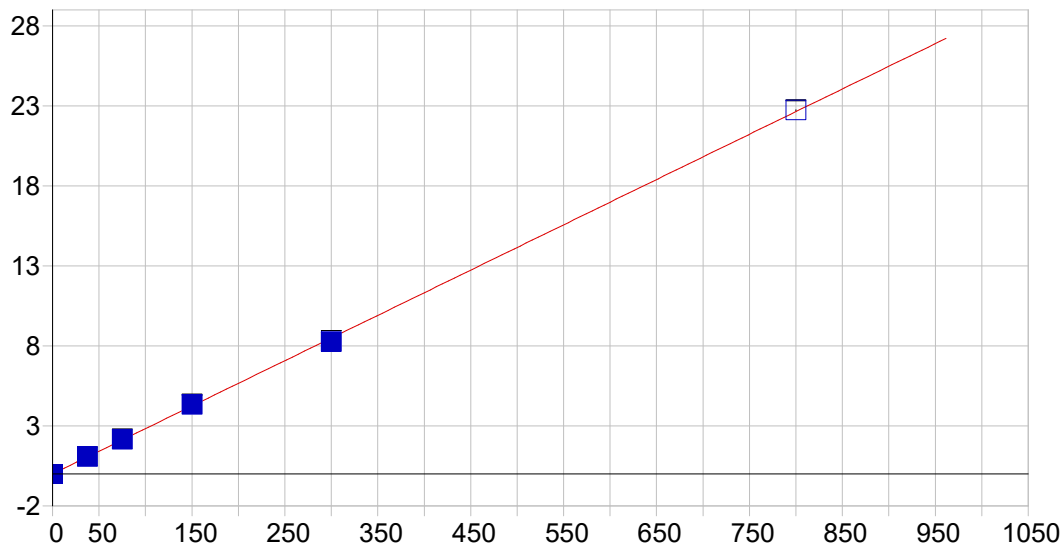


Cu 324.754 {104}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002194 Re-Slope: 1.000000
 A1 (Gain): 0.268272 Y-int: 0.000000
 A2 (Curvature): -0.000275
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.002074
 Predicted MQL: 0.006915

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00219	.000	1
S1	.02500	.02922	.004	16.9	.01003	.000	1
S2	3.7500	3.6975	-.052	-1.40	.99106	.003	1
S3	7.5000	7.4557	-.044	-.591	1.9884	.003	1
S4	15.000	15.153	.153	1.02	4.0068	.012	1
S5	30.000	29.940	-.060	-.201	7.7928	.020	1

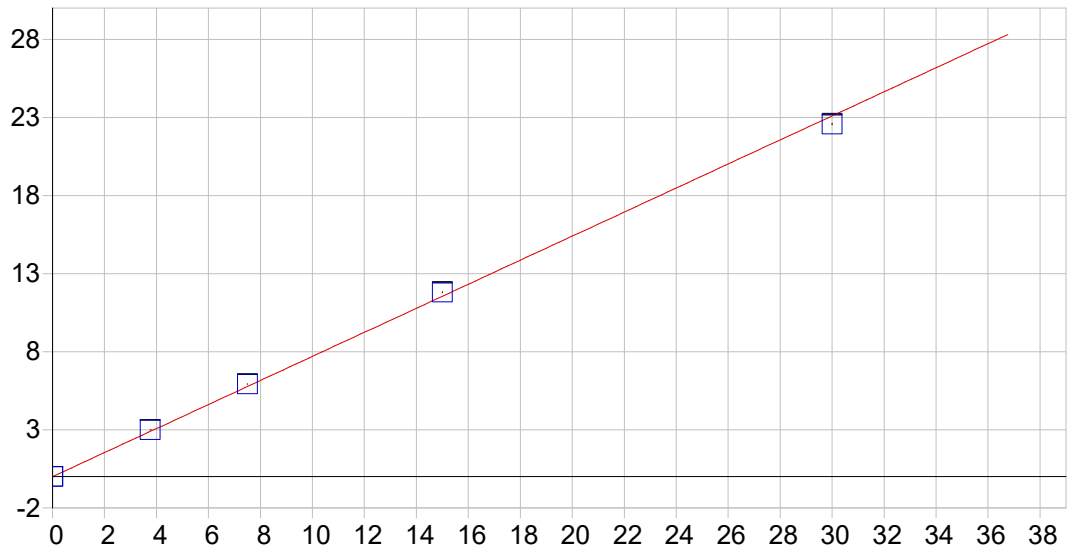


Fe 259.837 {130}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000043	Re-Slope:	1.000000
A1 (Gain):	0.028306	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999886	Status:	OK.
Std Error of Est:	0.000187		
Predicted MDL:	0.008368		
Predicted MQL:	0.027892		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00004	.000	1
S1	.10000	.11940	.019	19.4	.00343	.000	1
S2	37.500	37.976	.476	1.27	1.0756	.007	1
S3	75.000	76.310	1.31	1.75	2.1612	.022	1
S4	150.00	153.04	3.04	2.02	4.3341	.030	1
S5	300.00	292.15	-7.85	-2.62	8.2741	.062	1
S6	800.00	803.01	3.01	.376	22.730	.027	1

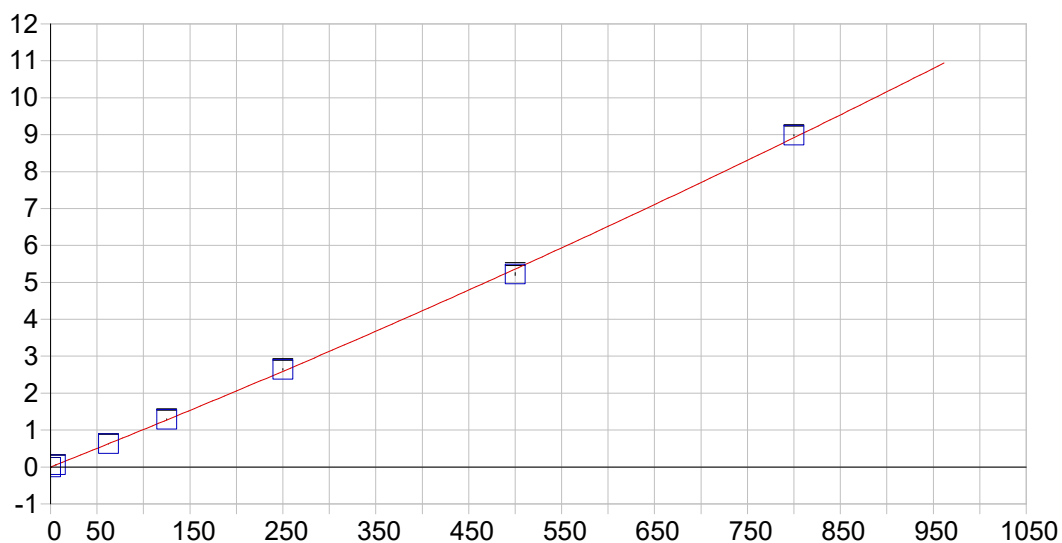


Mn 257.610 {131}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000073	Re-Slope:	1.000000
A1 (Gain):	0.769938	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999690	Status:	OK.
Std Error of Est:	0.000682		
Predicted MDL:	0.000367		
Predicted MQL:	0.001222		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01500	.01893	.004	26.2	.01465	.000	1
S2	3.7500	3.8996	.150	3.99	3.0025	.005	1
S3	7.5000	7.6922	.192	2.56	5.9226	.018	1
S4	15.000	15.336	.336	2.24	11.808	.032	1
S5	30.000	29.318	-.682	-2.27	22.573	.045	1

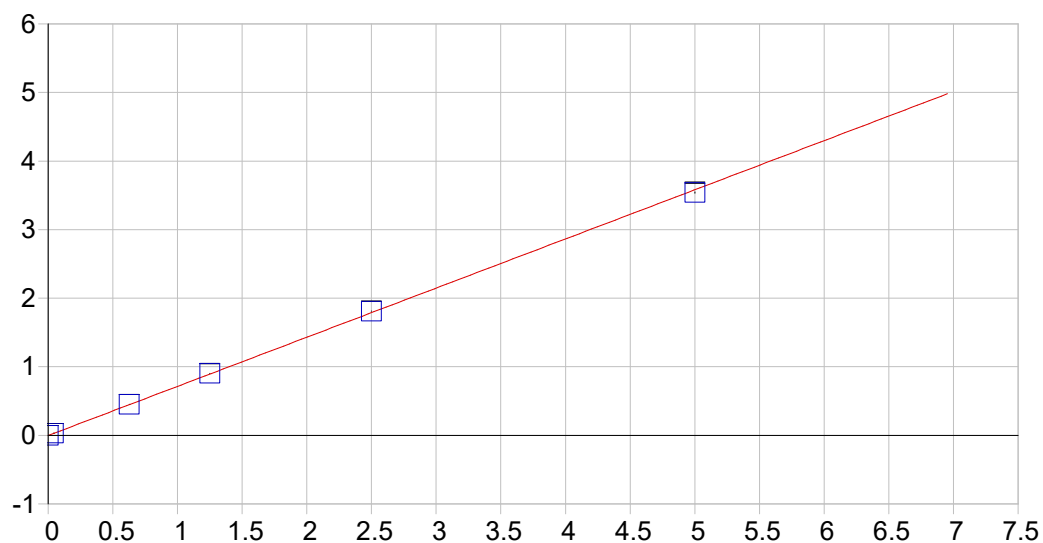


Mg 279.079 {121}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000203 Re-Slope: 1.000000
 A1 (Gain): 0.010005 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: Warning Positive Curvature
 Std Error of Est: 0.000745
 Predicted MDL: 0.028297
 Predicted MQL: 0.094323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00072	-.001	.000	-.00021	.000	1
S1	5.0000	5.6818	.682	13.6	.05669	.001	1
S2	62.500	62.185	-.315	-.503	.62749	.004	1
S3	125.00	126.27	1.27	1.02	1.2859	.016	1
S4	250.00	254.83	4.83	1.93	2.6421	.021	1
S5	500.00	488.19	-11.8	-2.36	5.2248	.040	1
S6	800.00	805.39	5.39	.673	8.9848	.017	1

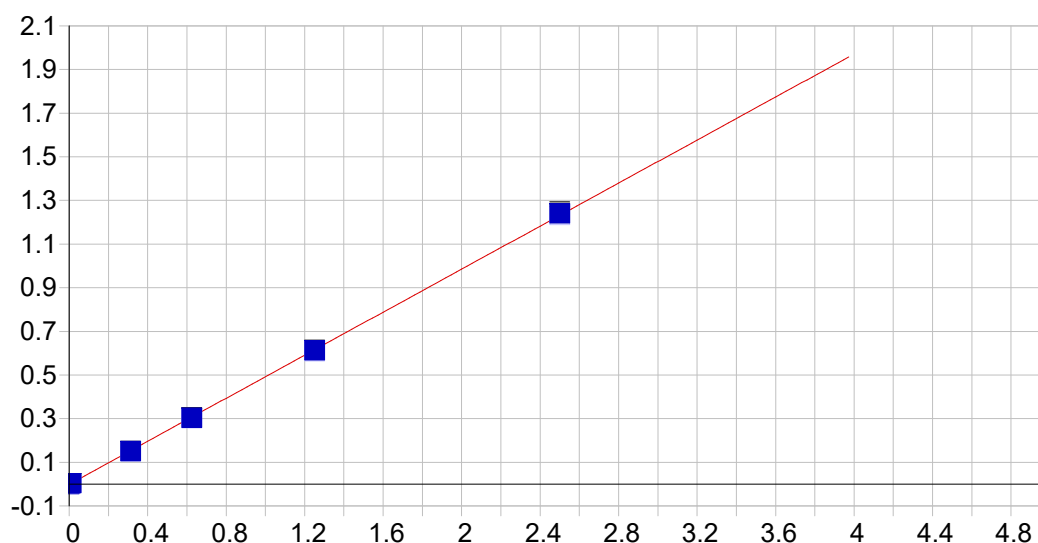


Ni 231.604 {446}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002188 Re-Slope: 1.000000
 A1 (Gain): 0.716665 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000311
 Predicted MDL: 0.000589
 Predicted MQL: 0.001963

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00219	.000	1
S1	.04000	.04882	.009	22.0	.03280	.000	1
S2	.62500	.63195	.007	1.11	.45071	.001	1
S3	1.2500	1.2620	.012	.963	.90227	.001	1
S4	2.5000	2.5296	.030	1.19	1.8107	.003	1
S5	5.0000	4.9426	-.057	-1.15	3.5400	.008	1

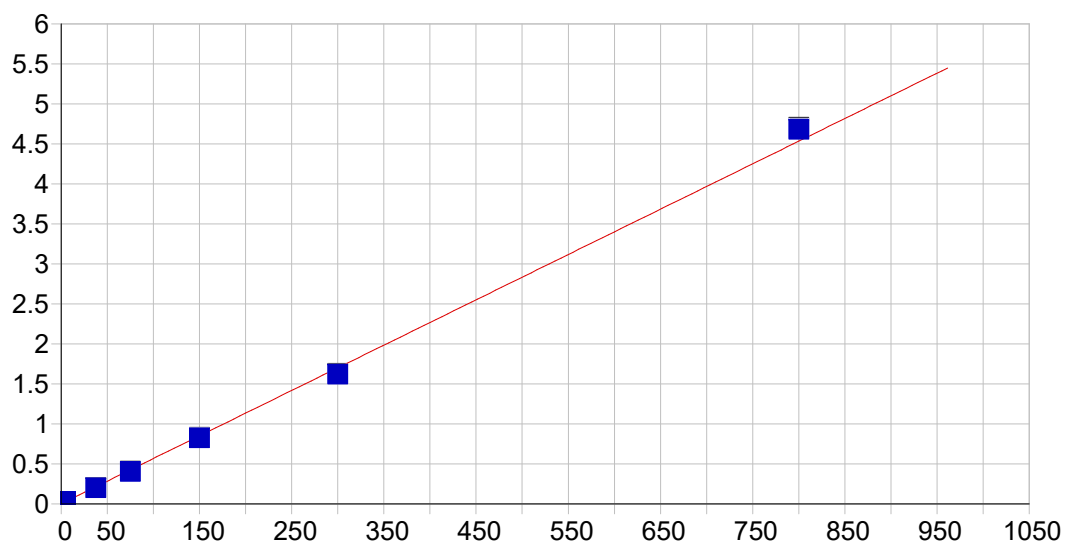


Ag 328.068 {103}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000900	Re-Slope:	1.000000
A1 (Gain):	0.493014	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.000450		
Predicted MQL:	0.001499		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00090	.000	1
S1	.01000	.01122	.001	12.2	.00460	.000	1
S2	.31250	.30683	-.006	-1.81	.14937	.000	1
S3	.62500	.61708	-.008	-1.27	.30132	.001	1
S4	1.2500	1.2439	-.006	-.489	.60835	.002	1
S5	2.5000	2.5185	.018	.739	1.2327	.007	1

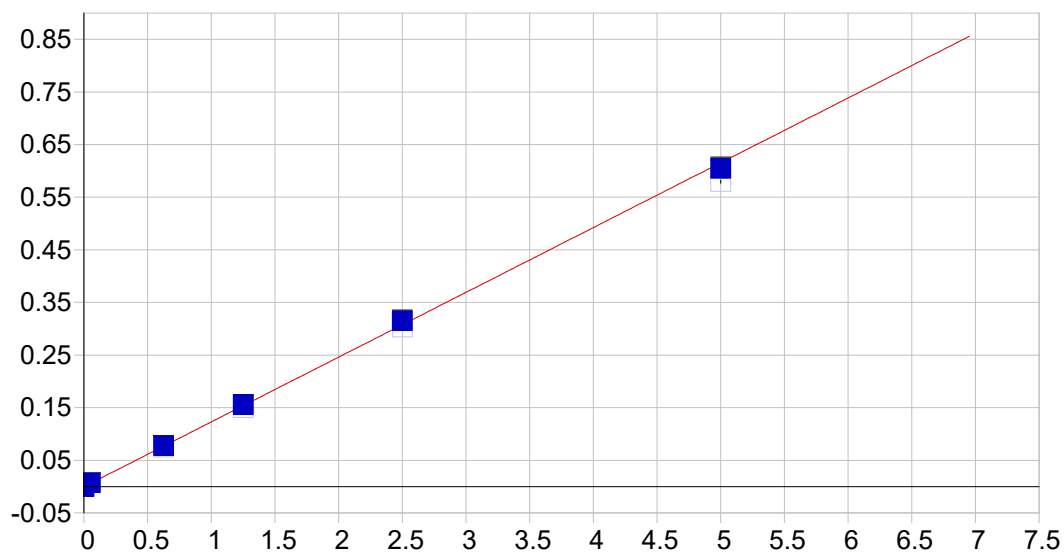


Na 818.326 { 41}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001175 Re-Slope: 1.000000
 A1 (Gain): 0.005666 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999249 Status: OK.
 Std Error of Est: 0.000682
 Predicted MDL: 0.276196
 Predicted MQL: 0.920655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	.00118	.001	1
S1	5.0000	5.1748	.175	3.50	.03050	.001	1
S2	37.500	34.894	-2.61	-6.95	.19965	.002	1
S3	75.000	71.060	-3.94	-5.25	.40534	.003	1
S4	150.00	145.08	-4.92	-3.28	.82629	.007	1
S5	300.00	285.60	-14.4	-4.80	1.6255	.006	1
S6	800.00	825.69	25.7	3.21	4.6959	.011	1

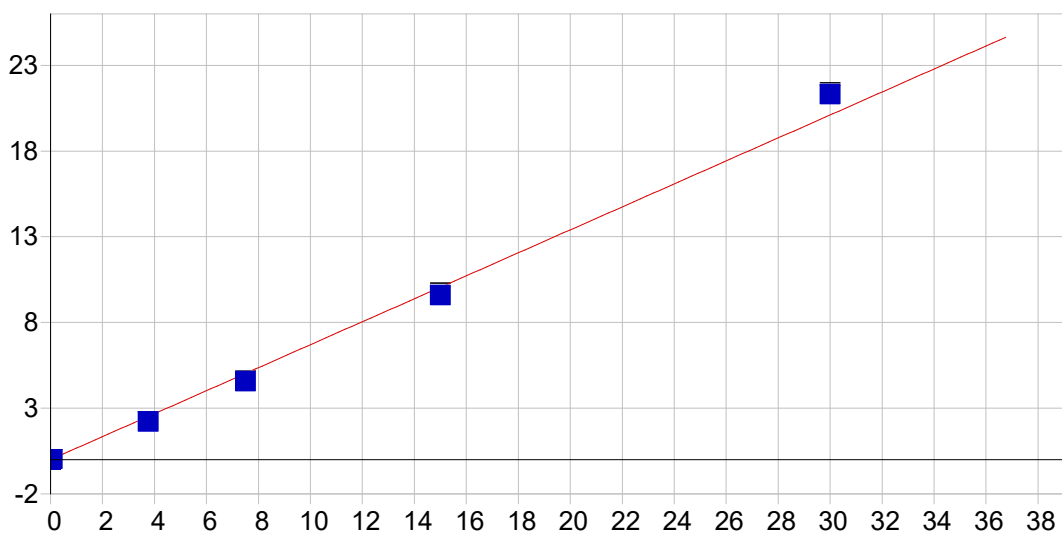


V 292.402 {115}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000249	Re-Slope:	1.000000
A1 (Gain):	0.123143	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999708	Status:	OK.
Std Error of Est:	0.000076		
Predicted MDL:	0.002844		
Predicted MQL:	0.009482		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00025	.000	1
S1	.05000	.05918	.009	18.4	.00702	.000	1
S2	.62500	.63170	.007	1.07	.07448	.000	1
S3	1.2500	1.2668	.017	1.34	.14962	.001	1
S4	2.5000	2.5590	.059	2.36	.30263	.002	1
S5	5.0000	4.9079	-.092	-1.84	.57962	.003	1

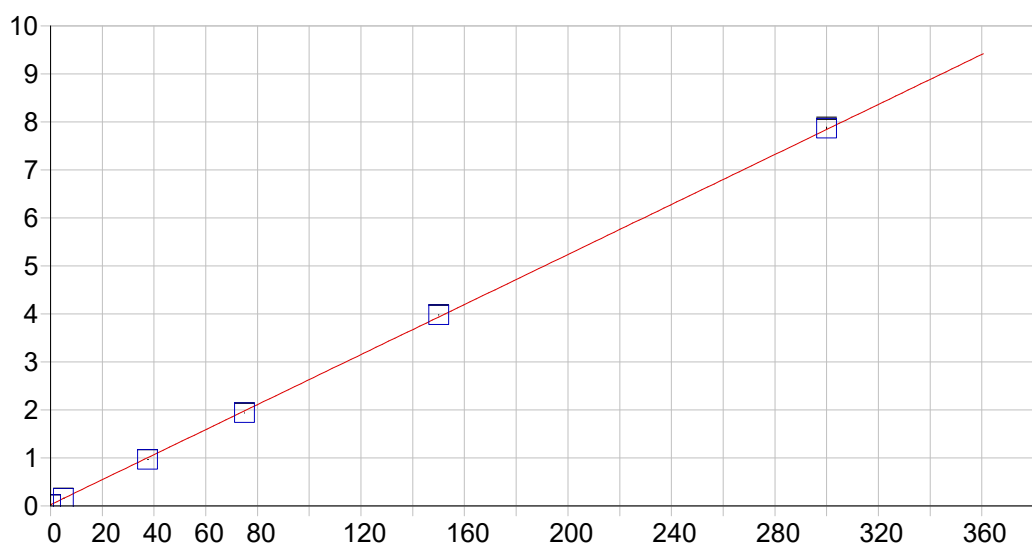


Zn 213.856 {158}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000172 Re-Slope: 1.000000
 A1 (Gain): 0.670162 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997771 Status: OK.
 Std Error of Est: 0.003192
 Predicted MDL: 0.001740
 Predicted MQL: 0.005801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00018	.001	1
S1	.06000	.06030	.000	.492	.04070	.001	1
S2	3.7500	3.2965	-.454	-12.1	2.2113	.013	1
S3	7.5000	6.8318	-.668	-8.91	4.5825	.021	1
S4	15.000	14.325	-.675	-4.50	9.6081	.113	1
S5	30.000	31.796	1.80	5.99	21.324	.088	1

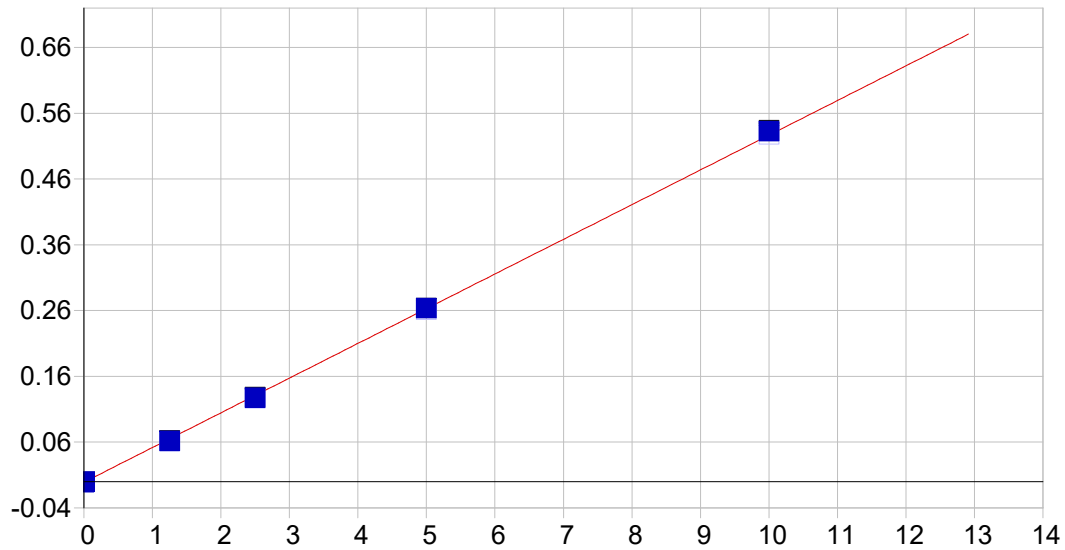


K 769.896 { 44 }

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.026427	Re-Slope:	1.000000
A1 (Gain):	0.026054	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999900	Status:	OK.
Std Error of Est:	0.000759		
Predicted MDL:	0.060777		
Predicted MQL:	0.202591		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.02643	.001	1
S1	5.0000	5.1965	.197	3.93	.16182	.001	1
S2	37.500	36.164	-1.34	-3.56	.96863	.000	1
S3	75.000	73.383	-1.62	-2.16	1.9383	.004	1
S4	150.00	151.71	1.71	1.14	3.9789	.009	1
S5	300.00	301.05	1.05	.350	7.8699	.022	1

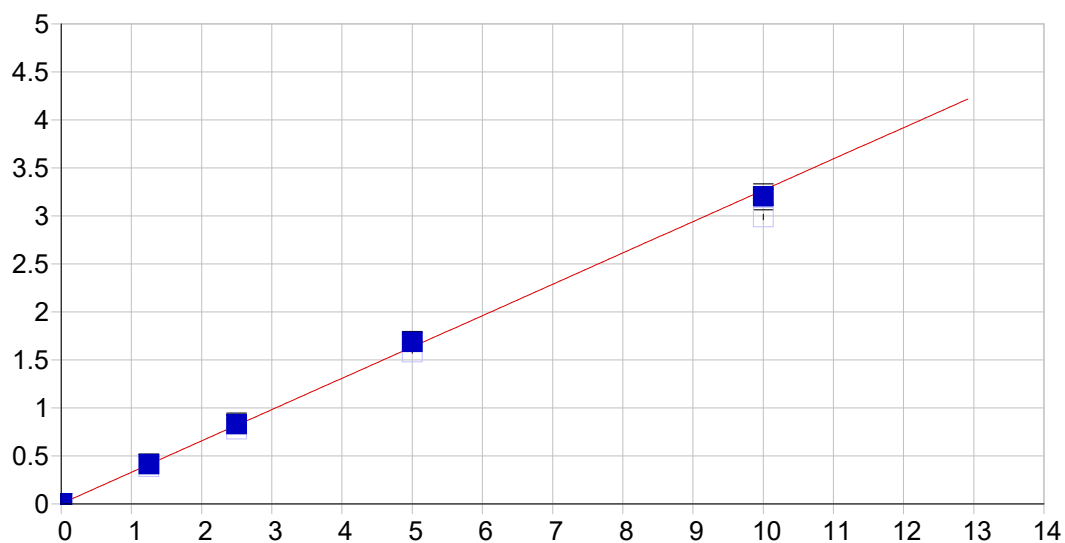


P 177.495 {490}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000941	Re-Slope:	1.000000
A1 (Gain):	0.052760	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999754	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.003658		
Predicted MQL:	0.012194		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00094	.000	1
S1	.01000	.01530	.005	53.0	-.00013	.000	1
S2	1.2500	1.1870	-.063	-5.04	.06107	.000	1
S3	2.5000	2.4335	-.067	-2.66	.12622	.001	1
S4	5.0000	5.0110	.011	.220	.26099	.000	1
S5	10.000	10.113	.113	1.13	.52773	.001	1

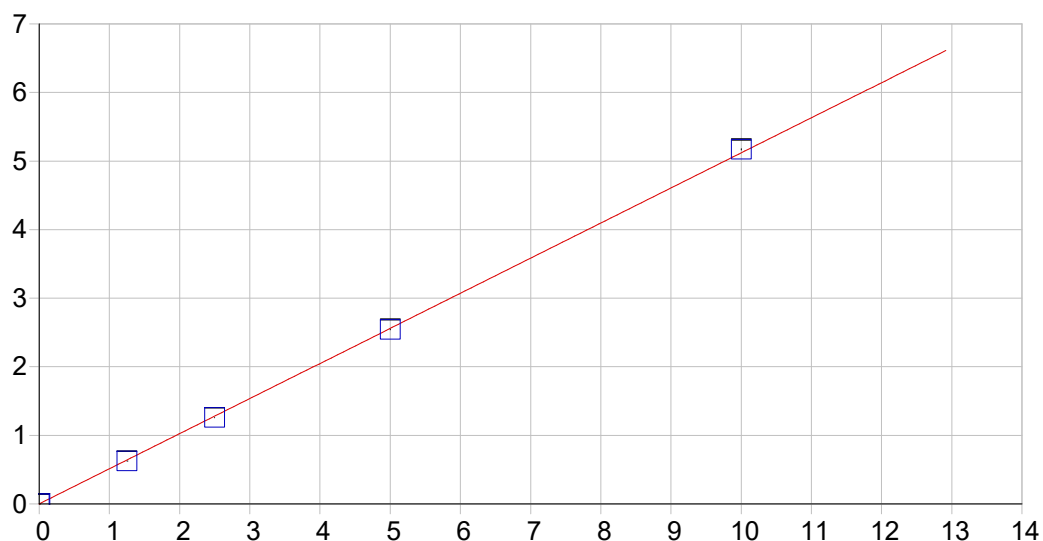


B 249.678 {135}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003178 Re-Slope: 1.000000
 A1 (Gain): 0.326356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.001151
 Predicted MQL: 0.003835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00318	.000	1
S1	.01000	.00837	-.002	-16.3	.00589	.000	1
S2	1.2500	1.2538	.004	.303	.38551	.003	1
S3	2.5000	2.5382	.038	1.53	.77781	.010	1
S4	5.0000	5.1568	.157	3.14	1.5787	.007	1
S5	10.000	9.8030	-.197	-1.97	2.9876	.029	1

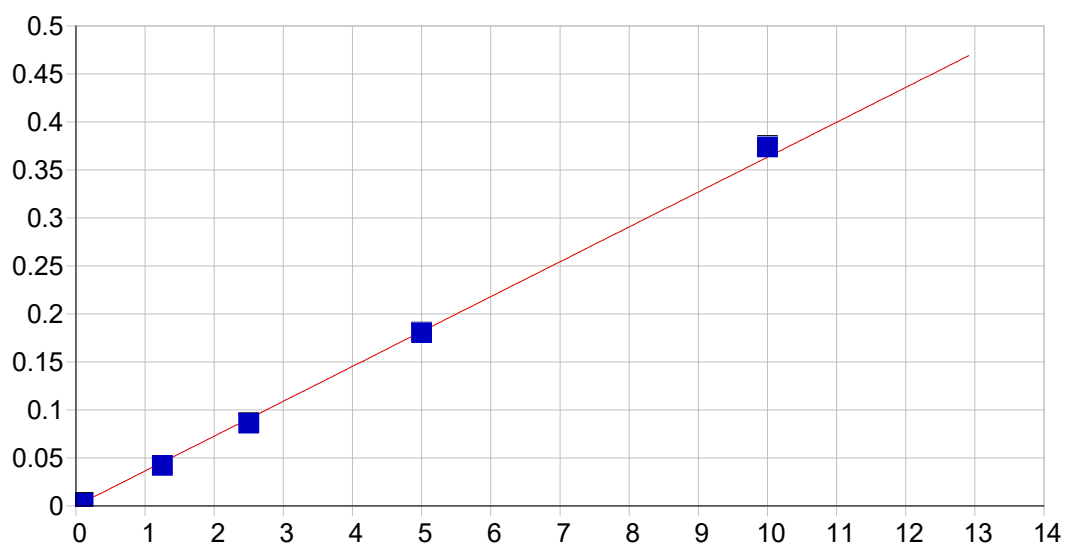


Mo 202.030 {467}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000702	Re-Slope:	1.000000
A1 (Gain):	0.511865	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000527		
Predicted MQL:	0.001758		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.01000	.01193	.002	19.3	.00681	.000	1
S2	1.2500	1.2219	-.028	-2.25	.62613	.001	1
S3	2.5000	2.4575	-.043	-1.70	1.2586	.004	1
S4	5.0000	4.9705	-.029	-.590	2.5449	.006	1
S5	10.000	10.098	.098	.982	5.1696	.011	1

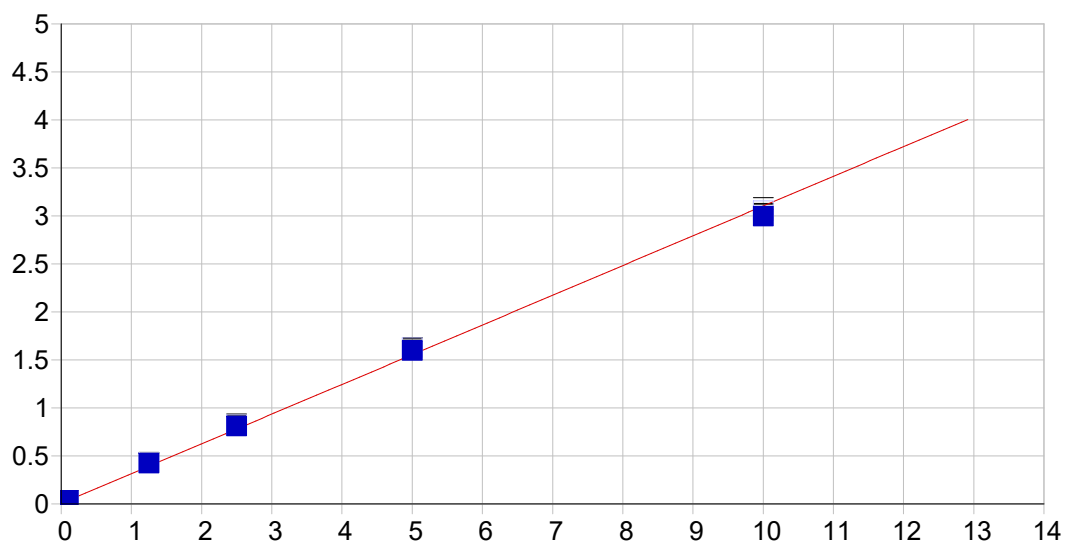


S 182.034 {485}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.036318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999318 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.005854
 Predicted MQL: 0.019513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00007	.000	1
S1	.10000	.08462	-.015	-15.4	.00314	.000	1
S2	1.2500	1.1508	-.099	-7.94	.04196	.000	1
S3	2.5000	2.3662	-.134	-5.35	.08619	.001	1
S4	5.0000	4.9627	-.037	-.746	.18068	.000	1
S5	10.000	10.286	.286	2.86	.37438	.001	1

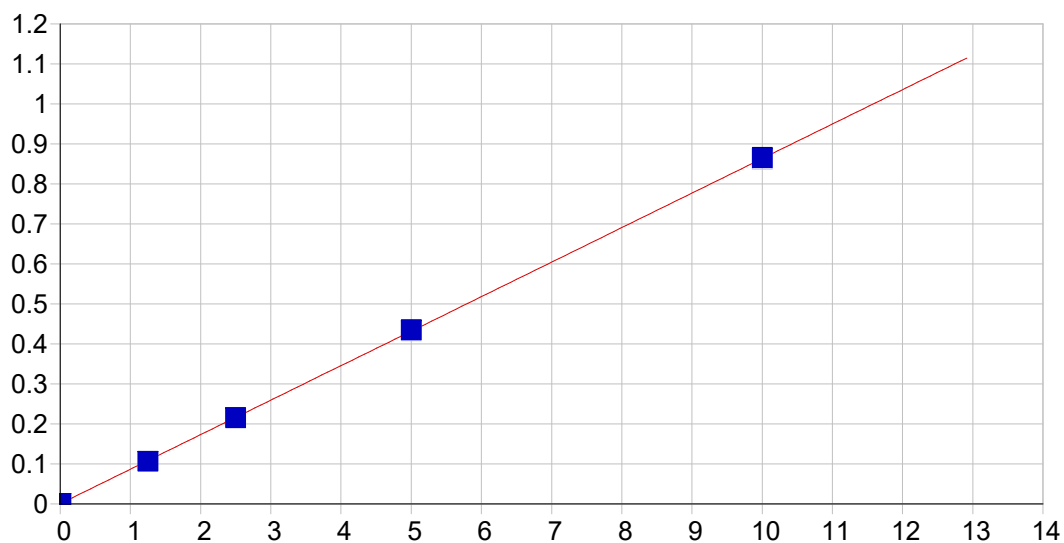


Si 251.611 {134}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005968 Re-Slope: 1.000000
 A1 (Gain): 0.309636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999259 Status: OK.
 Std Error of Est: 0.000646
 Predicted MDL: 0.001271
 Predicted MQL: 0.004236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00596	.001	1
S1	.10000	.11255	.013	12.5	.04123	.000	1
S2	1.2500	1.3508	.101	8.06	.43146	.001	1
S3	2.5000	2.5949	.095	3.80	.82393	.008	1
S4	5.0000	5.1375	.137	2.75	1.6257	.006	1
S5	10.000	9.6544	-.346	-3.46	3.0533	.032	1

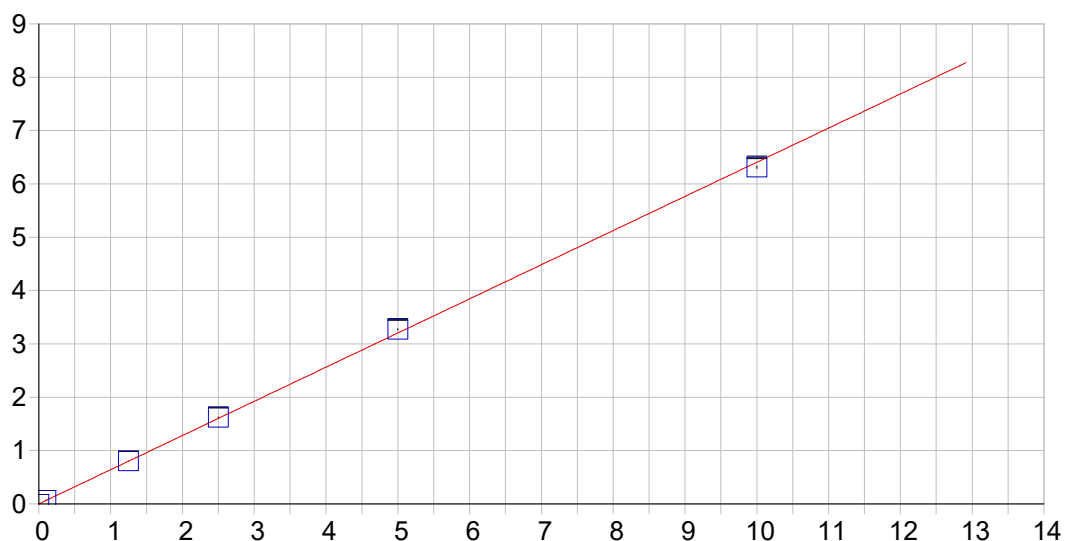


Sn 189.989 {478}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000
 A1 (Gain): 0.086277 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002063
 Predicted MQL: 0.006875

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.00700	.00577	-.001	-17.6	.00096	.000	1
S2	1.2500	1.2237	-.026	-2.11	.10559	.000	1
S3	2.5000	2.4839	-.016	-.643	.21384	.000	1
S4	5.0000	5.0280	.028	.560	.43238	.001	1
S5	10.000	10.016	.016	.156	.86077	.002	1

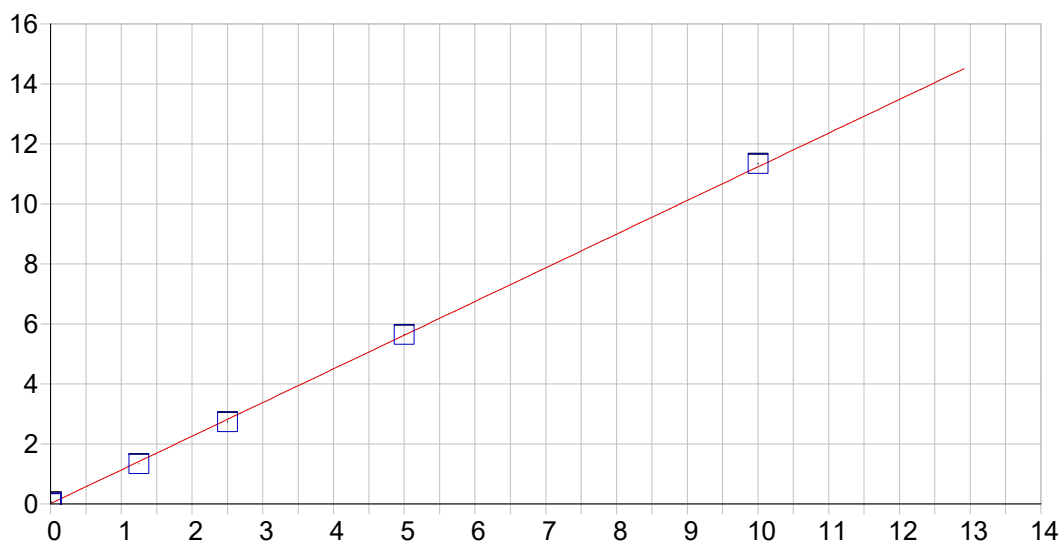


Ti 336.121 {100}

Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001272	Re-Slope:	1.000000
A1 (Gain):	0.640486	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999847	Status:	OK.
Std Error of Est:	0.000595		
Predicted MDL:	0.000966		
Predicted MQL:	0.003220		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00126	.000	1
S1	.10000	.10993	.010	9.93	.07168	.001	1
S2	1.2500	1.2487	-.001	-.104	.80105	.004	1
S3	2.5000	2.5314	.031	1.25	1.6226	.008	1
S4	5.0000	5.1060	.106	2.12	3.2716	.015	1
S5	10.000	9.8540	-.146	-1.46	6.3126	.024	1

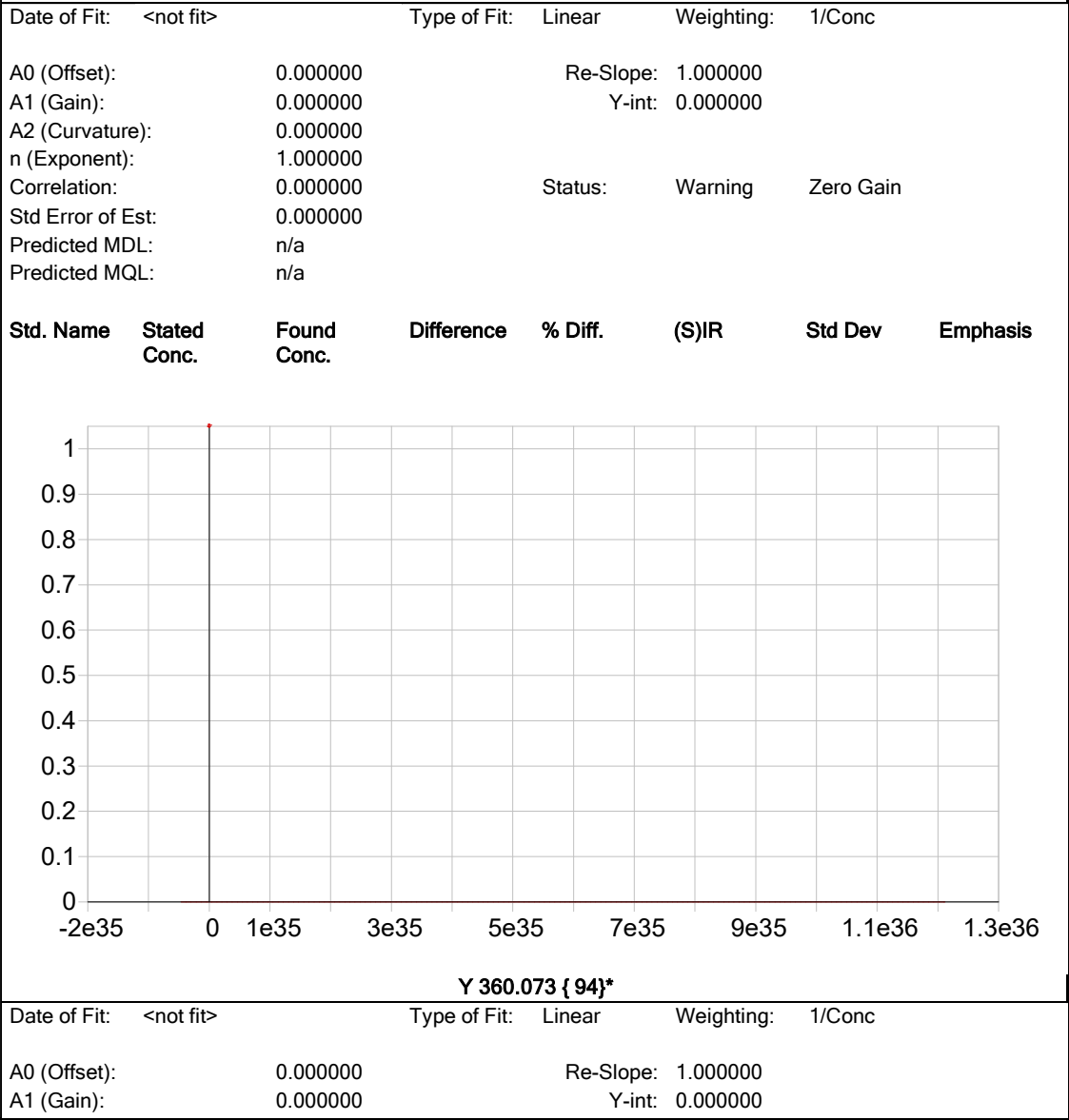
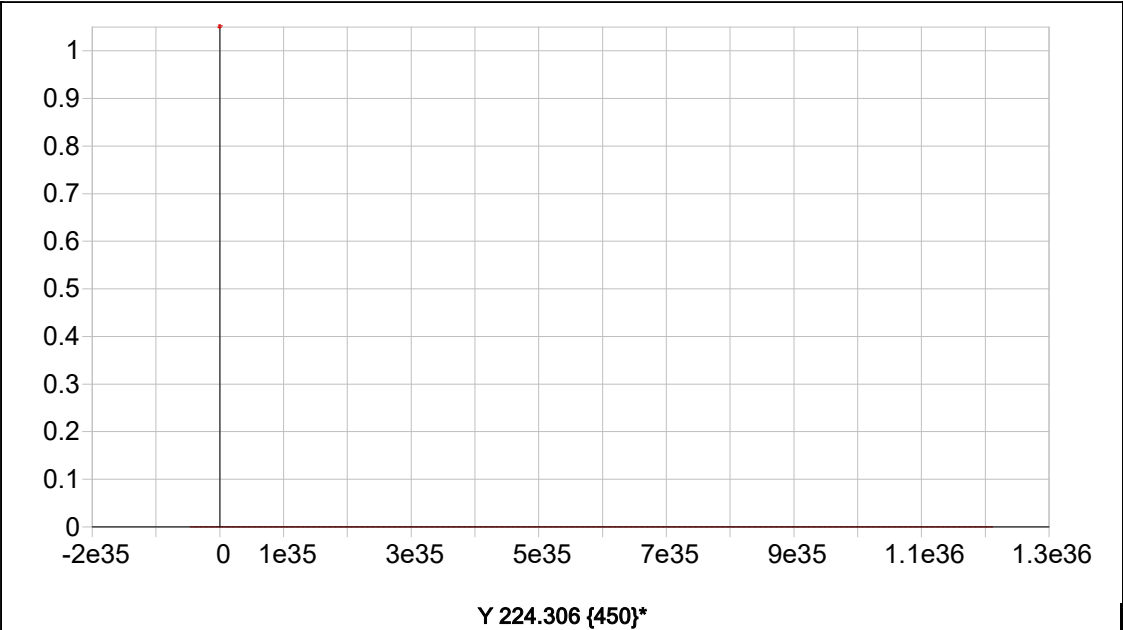


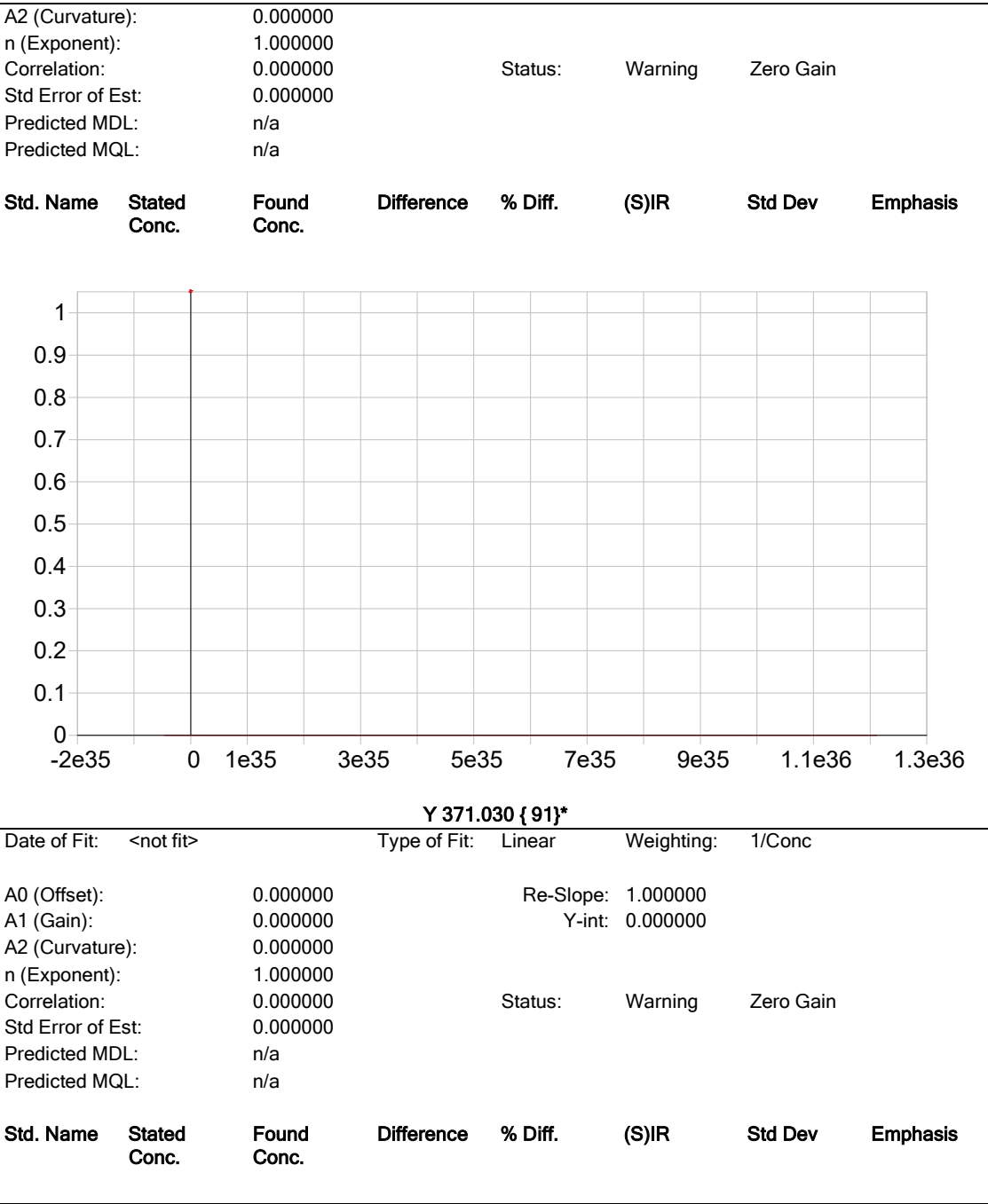
Li 670.784 { 50}

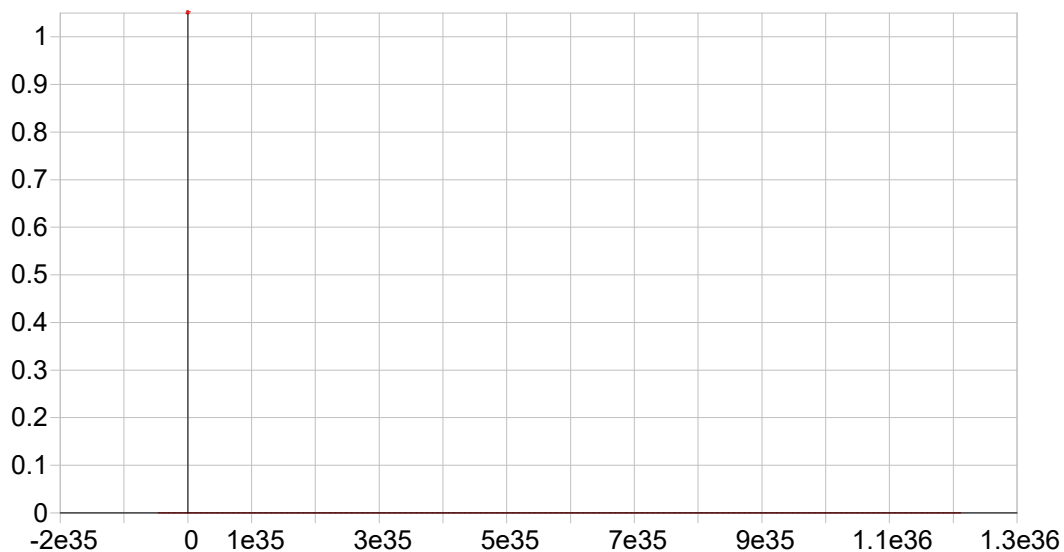
Date of Fit: 12/04/2020 12:05:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011032 Re-Slope: 1.000000
 A1 (Gain): 1.122602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997467 Status: OK.
 Std Error of Est: 0.001644
 Predicted MDL: 0.001446
 Predicted MQL: 0.004820

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01099	.002	1
S5	10.000	10.094	.094	.945	11.343	.017	1
S4	5.0000	5.0145	.015	.291	5.6404	.012	1
S3	2.5000	2.4229	-.077	-3.08	2.7310	.006	1
S2	1.2500	1.1817	-.068	-5.46	1.3376	.007	1
S1	.01500	.05139	.036	243.	.06872	.001	1







Y 224.306 {150}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

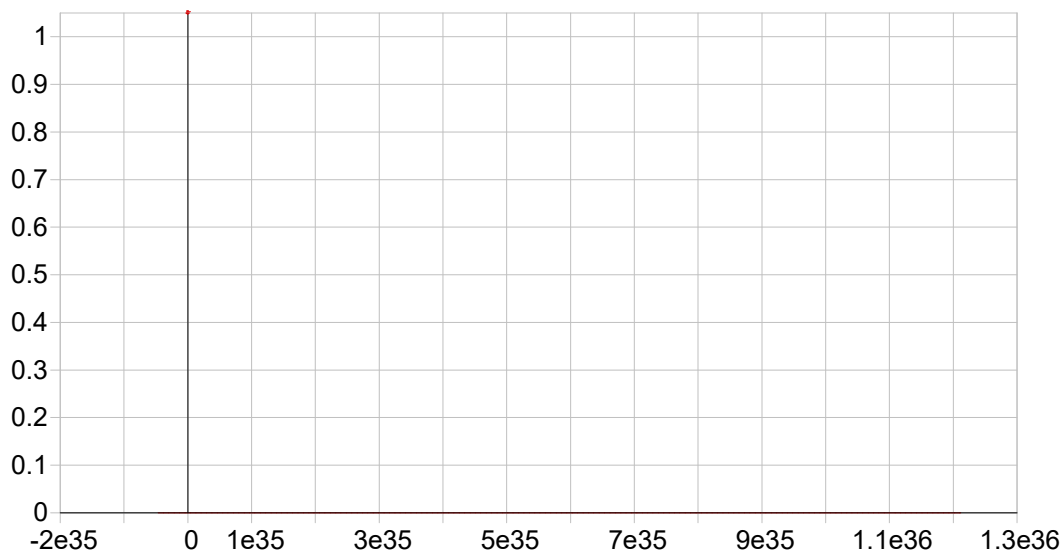
A0 (Offset):	0.000000
A1 (Gain):	0.000000
A2 (Curvature):	0.000000
n (Exponent):	1.000000
Correlation:	0.000000
Std Error of Est:	0.000000
Predicted MDL:	n/a
Predicted MQL:	n/a

Re-Slope: 1.000000

Y-int: 0.000000

Status: Warning Zero Gain

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



In 230.606 {446}^{*}

Date of Fit:	<not fit>
--------------	-----------

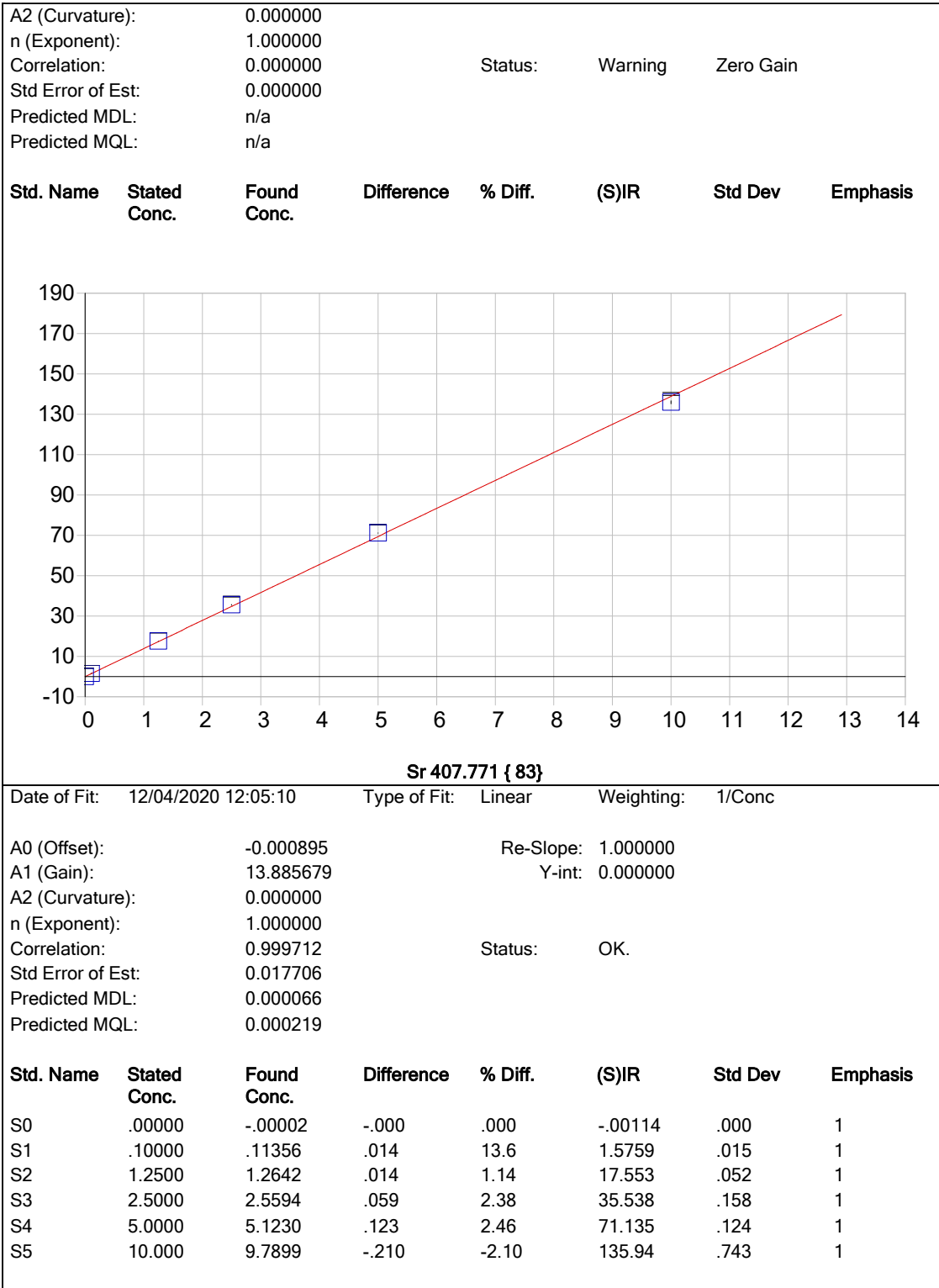
Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset):	0.000000
A1 (Gain):	0.000000

Re-Slope: 1.000000

Y-int: 0.000000



Sample Name: S0 Acquired: 12/04/2020 11:11:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	-.00057	-.00155	.00100	.00090	.00061	.00283	.00177	-.00271
Stddev	.00014	.00036	.00049	.00022	.00035	.00051	.00058	.00021
%RSD	24.658	23.474	48.564	24.431	56.555	18.180	32.593	7.7920

#1	-.00057	-.00134	.00068	.00075	.00092	.00340	.00121	-.00287
#2	-.00043	-.00134	.00077	.00115	.00024	.00269	.00175	-.00278
#3	-.00071	-.00197	.00156	.00079	.00068	.00240	.00237	-.00247

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	-.00063	.00129	.00001	-.00051	.00219	.00004	.00007	-.00021
Stddev	.00021	.00062	.00004	.00009	.00015	.00020	.00022	.00014
%RSD	34.189	47.976	721.75	16.876	6.6911	474.42	309.64	67.256

#1	-.00049	.00193	.00005	-.00061	.00205	-.00019	.00019	-.00037
#2	-.00088	.00123	-.00003	-.00050	.00219	.00018	-.00018	-.00011
#3	-.00052	.00070	-.00001	-.00044	.00234	.00014	.00020	-.00015

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	-.00219	-.00090	.00118	-.00025	.00018	.02643	-.00094	.00318
Stddev	.00027	.00007	.00107	.00033	.00057	.00119	.00018	.00019
%RSD	12.217	7.8372	91.136	131.79	316.54	4.4942	18.837	5.8926

#1	-.00190	-.00090	.00069	-.00063	-.00026	.02618	-.00110	.00320
#2	-.00243	-.00083	.00043	-.00001	-.00003	.02772	-.00098	.00335
#3	-.00225	-.00097	.00241	-.00012	.00082	.02538	-.00075	.00298

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	.00070	.00007	.00596	.00050	.00126	.01099	-.00114	
Stddev	.00013	.00003	.00054	.00007	.00018	.00245	.00046	
%RSD	18.296	43.846	9.0443	14.375	14.301	22.278	40.442	

#1	.00083	.00004	.00658	.00053	.00122	.01090	-.00061	
#2	.00071	.00006	.00560	.00054	.00146	.00859	-.00138	
#3	.00057	.00010	.00570	.00041	.00111	.01349	-.00142	

Sample Name: S0 Acquired: 12/04/2020 11:11:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	1614.4	26544.	6791.1	880.10	1817.7
Stddev	3.2	95.	44.1	2.06	1.9
%RSD	.19583	.35935	.64926	.23454	.10302
#1	1614.0	26533.	6756.2	878.35	1816.5
#2	1611.4	26645.	6840.7	882.38	1819.9
#3	1617.7	26455.	6776.5	879.58	1816.8

Sample Name: S1 Acquired: 12/04/2020 11:15:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	-.00005	.00056	.00441	.00325	.01095	.02342	.56451	.01428
Stddev	.00017	.00006	.00072	.00011	.00014	.00040	.00160	.00021
%RSD	332.48	10.999	16.226	3.5069	1.2605	1.6987	.28370	1.4565
#1	.00013	.00055	.00381	.00334	.01111	.02316	.56444	.01409
#2	-.00021	.00051	.00520	.00312	.01085	.02388	.56294	.01424
#3	-.00008	.00063	.00421	.00329	.01090	.02322	.56614	.01450
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	.01963	.45310	.00219	.05847	.01003	.00343	.01465	.05669
Stddev	.00067	.00281	.00010	.00017	.00040	.00011	.00016	.00109
%RSD	3.4208	.61915	4.7690	.28760	3.9925	3.3428	1.0988	1.9223
#1	.02037	.45245	.00218	.05867	.01022	.00330	.01484	.05614
#2	.01906	.45067	.00210	.05839	.00957	.00350	.01456	.05598
#3	.01945	.45617	.00231	.05836	.01029	.00349	.01456	.05794
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	.03280	.00460	.03050	.00702	.04070	.16182	-.00013	.00589
Stddev	.00034	.00011	.00060	.00045	.00079	.00112	.00021	.00022
%RSD	1.0344	2.4452	1.9821	6.4321	1.9442	.69116	154.33	3.7190
#1	.03243	.00467	.03103	.00665	.04048	.16155	-.00015	.00564
#2	.03310	.00447	.02984	.00689	.04005	.16085	-.00033	.00601
#3	.03287	.00465	.03062	.00752	.04158	.16304	.00008	.00602
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	.00681	.00314	.04123	.00096	.07168	.06872	1.5759	
Stddev	.00016	.00020	.00030	.00007	.00127	.00090	.0150	
%RSD	2.4070	6.4894	.72718	6.9193	1.7664	1.3132	.95133	
#1	.00663	.00307	.04089	.00088	.07086	.06968	1.5649	
#2	.00695	.00337	.04145	.00101	.07103	.06789	1.5698	
#3	.00685	.00298	.04134	.00098	.07314	.06860	1.5930	

Sample Name: S1 Acquired: 12/04/2020 11:15:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	1604.7	26527.	6871.4	881.25	1812.9
Stddev	1.2	86.	34.1	.64	.7
%RSD	.07368	.32394	.49595	.07315	.03919
#1	1603.4	26439.	6888.7	880.51	1813.0
#2	1604.9	26530.	6893.3	881.69	1812.1
#3	1605.8	26610.	6832.1	881.55	1813.5

Sample Name: S2 Acquired: 12/04/2020 11:19:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.04799	.09189	1.6561	.07042	.18910	3.4440	8.6217	.36183
Stddev	.00046	.00045	.0029	.00014	.00026	.0157	.0278	.00216
%RSD	.95573	.48462	.17323	.19462	.13702	.45430	.32206	.59776

#1	.04814	.09240	1.6594	.07028	.18935	3.4273	8.5924	.36059
#2	.04748	.09168	1.6550	.07056	.18912	3.4584	8.6476	.36433
#3	.04836	.09158	1.6540	.07042	.18883	3.4463	8.6252	.36058

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1781	4.8507	.68721	.63531	.99106	1.0756	3.0025	.62749
Stddev	.0059	.0086	.00109	.00111	.00338	.0075	.0055	.00411
%RSD	.26869	.17728	.15886	.17501	.34090	.69237	.18211	.65464

#1	2.1847	4.8408	.68600	.63659	.98914	1.0676	2.9968	.62274
#2	2.1735	4.8559	.68813	.63455	.99497	1.0824	3.0077	.62976
#3	2.1762	4.8555	.68749	.63480	.98908	1.0767	3.0031	.62995

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	.45071	.14937	.19965	.07448	2.2113	.96863	.06107	.38551
Stddev	.00145	.00050	.00221	.00048	.0133	.00045	.00041	.00335
%RSD	.32207	.33368	1.1061	.64896	.60012	.04663	.66475	.86932

#1	.45215	.14891	.19733	.07434	2.1963	.96811	.06130	.38786
#2	.44925	.14931	.19990	.07501	2.2217	.96892	.06060	.38699
#3	.45073	.14990	.20173	.07408	2.2158	.96886	.06132	.38167

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	.62613	.04196	.43146	.10559	.80105	1.3376	17.553
Stddev	.00064	.00007	.00100	.00037	.00430	.0069	.052
%RSD	.10193	.15934	.23152	.35391	.53742	.51798	.29887

#1	.62595	.04203	.43117	.10602	.79696	1.3296	17.496
#2	.62684	.04194	.43258	.10534	.80554	1.3414	17.599
#3	.62561	.04190	.43064	.10541	.80063	1.3419	17.565

Sample Name: S2 Acquired: 12/04/2020 11:19:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	1528.5	25986.	6733.0	842.28	1671.6
Stddev	.2	74.	25.0	3.11	4.9
%RSD	.01130	.28501	.37168	.36944	.29246
#1	1528.4	26070.	6761.6	845.37	1666.1
#2	1528.3	25933.	6722.6	842.31	1675.3
#3	1528.7	25954.	6714.9	839.14	1673.5

Sample Name: S3 Acquired: 12/04/2020 11:23:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.09828	.18430	3.3492	.14118	.38164	7.0480	17.436	.72036
Stddev	.00057	.00070	.0047	.00085	.00185	.0353	.074	.00750
%RSD	.57691	.38059	.14095	.60531	.48458	.50079	.42474	1.0406

#1	.09765	.18418	3.3518	.14072	.38054	7.0160	17.510	.71249
#2	.09876	.18506	3.3438	.14065	.38060	7.0421	17.437	.72116
#3	.09842	.18367	3.3521	.14216	.38378	7.0858	17.362	.72742

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	4.3621	9.7210	1.3518	1.2876	1.9884	2.1612	5.9226	1.2859
Stddev	.0153	.0296	.0020	.0026	.0034	.0223	.0177	.0160
%RSD	.35142	.30488	.14790	.19788	.17112	1.0319	.29844	1.2464

#1	4.3790	9.7344	1.3541	1.2900	1.9876	2.1374	5.9325	1.2696
#2	4.3491	9.7415	1.3512	1.2849	1.9855	2.1644	5.9331	1.2866
#3	4.3584	9.6870	1.3502	1.2878	1.9921	2.1817	5.9022	1.3016

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	.90227	.30132	.40534	.14962	4.5825	1.9383	.12622	.77781
Stddev	.00105	.00130	.00338	.00066	.0205	.0036	.00073	.01043
%RSD	.11684	.43172	.83382	.43862	.44794	.18587	.57714	1.3409

#1	.90195	.30131	.40254	.14887	4.5596	1.9363	.12552	.76631
#2	.90142	.30263	.40437	.15009	4.5882	1.9362	.12618	.78048
#3	.90345	.30003	.40909	.14990	4.5995	1.9425	.12697	.78665

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	1.2586	.08619	.82393	.21384	1.6226	2.7310	35.538
Stddev	.0035	.00077	.00801	.00031	.0076	.0058	.158
%RSD	.27821	.89158	.97266	.14627	.46950	.21329	.44497

#1	1.2550	.08570	.81553	.21363	1.6144	2.7370	35.361
#2	1.2588	.08581	.82475	.21420	1.6239	2.7305	35.589
#3	1.2620	.08708	.83150	.21369	1.6294	2.7254	35.664

Sample Name: S3 Acquired: 12/04/2020 11:23:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	1467.6	25554.	6652.0	807.65	1582.6
Stddev	4.0	42.	52.2	4.40	1.5
%RSD	.27302	.16462	.78465	.54521	.09388
#1	1471.5	25567.	6709.3	809.04	1582.4
#2	1467.7	25506.	6607.1	802.72	1584.2
#3	1463.5	25587.	6639.6	811.20	1581.3

Sample Name: S4 Acquired: 12/04/2020 11:27:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.20302	.36539	6.7421	.28223	.77680	14.522	34.602	1.4411
Stddev	.00093	.00056	.0059	.00025	.00081	.059	.263	.0048
%RSD	.45962	.15312	.08691	.08910	.10367	.40668	.76128	.33219

#1	.20199	.36474	6.7359	.28252	.77644	14.458	34.324	1.4379
#2	.20380	.36575	6.7429	.28206	.77773	14.575	34.848	1.4466
#3	.20327	.36567	6.7475	.28212	.77625	14.532	34.633	1.4388

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	8.7268	19.573	2.6441	2.5994	4.0068	4.3341	11.808	2.6421
Stddev	.0100	.064	.0059	.0034	.0124	.0297	.032	.0212
%RSD	.11470	.32762	.22156	.13261	.31037	.68478	.26818	.80223

#1	8.7238	19.517	2.6505	2.5957	3.9945	4.3032	11.797	2.6204
#2	8.7186	19.558	2.6389	2.5999	4.0065	4.3623	11.783	2.6628
#3	8.7379	19.643	2.6431	2.6026	4.0194	4.3368	11.843	2.6432

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	1.8107	.60835	.82629	.30263	9.6081	3.9789	.26099	1.5787
Stddev	.0032	.00153	.00735	.00177	.1131	.0086	.00020	.0074
%RSD	.17530	.25114	.88920	.58453	1.1776	.21729	.07782	.47095

#1	1.8135	.60701	.81795	.30059	9.4799	3.9697	.26099	1.5734
#2	1.8072	.60802	.82916	.30356	9.6941	3.9802	.26078	1.5872
#3	1.8115	.61001	.83178	.30373	9.6503	3.9868	.26119	1.5755

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	2.5449	.18068	1.6257	.43238	3.2716	5.6404	71.135
Stddev	.0056	.00037	.0056	.00061	.0147	.0117	.124
%RSD	.22052	.20697	.34710	.14168	.44966	.20797	.17414

#1	2.5405	.18026	1.6210	.43168	3.2557	5.6279	70.997
#2	2.5431	.18097	1.6320	.43282	3.2847	5.6419	71.236
#3	2.5512	.18082	1.6242	.43263	3.2743	5.6512	71.172

Sample Name: S4 Acquired: 12/04/2020 11:27:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	1383.7	24989.	6469.7	760.63	1477.4
Stddev	1.6	43.	20.4	5.71	1.4
%RSD	.11430	.17363	.31482	.75132	.09235
#1	1383.2	24945.	6492.7	766.78	1477.5
#2	1385.5	24990.	6453.9	755.49	1478.8
#3	1382.4	25032.	6462.5	759.61	1476.1

Sample Name: S5 Acquired: 12/04/2020 11:31:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.42197	.70325	13.477	.57138	1.5995	28.907	67.068	2.7143
Stddev	.00109	.00167	.020	.00186	.0028	.115	1.048	.0269
%RSD	.25905	.23741	.14909	.32484	.17768	.39619	1.5631	.99027

#1	.42173	.70495	13.497	.57091	1.5980	28.875	66.790	2.7309
#2	.42317	.70161	13.479	.56982	1.5978	29.034	68.227	2.7286
#3	.42102	.70320	13.457	.57343	1.6028	28.812	66.186	2.6832

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	17.140	37.655	5.1195	5.1514	7.7928	8.2741	22.573	5.2248
Stddev	.023	.063	.0045	.0102	.0204	.0616	.045	.0395
%RSD	.13680	.16842	.08730	.19793	.26180	.74481	.19974	.75638

#1	17.166	37.696	5.1149	5.1603	7.7957	8.2565	22.619	5.2082
#2	17.136	37.582	5.1238	5.1536	7.8115	8.3426	22.529	5.2699
#3	17.120	37.686	5.1200	5.1403	7.7710	8.2231	22.571	5.1962

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	3.5400	1.2327	1.6255	.57962	21.324	7.8699	.52773	2.9876
Stddev	.0077	.0067	.0060	.00310	.088	.0219	.00142	.0287
%RSD	.21859	.54326	.36922	.53427	.41132	.27849	.26914	.96070

#1	3.5445	1.2252	1.6222	.57731	21.225	7.8805	.52852	3.0115
#2	3.5444	1.2381	1.6325	.58314	21.356	7.8845	.52858	2.9956
#3	3.5310	1.2349	1.6219	.57842	21.392	7.8447	.52609	2.9558

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	5.1696	.37438	3.0533	.86077	6.3126	11.343	135.94
Stddev	.0106	.00110	.0324	.00153	.0243	.017	.74
%RSD	.20545	.29481	1.0609	.17826	.38564	.14780	.54670

#1	5.1592	.37377	3.0755	.86125	6.3012	11.338	135.10
#2	5.1693	.37372	3.0682	.86201	6.3406	11.362	136.19
#3	5.1804	.37566	3.0161	.85906	6.2961	11.330	136.52

Sample Name: S5 Acquired: 12/04/2020 11:31:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	1265.6	24114.	6529.5	679.67	1366.0
Stddev	1.5	96.	32.9	3.00	2.6
%RSD	.11698	.39907	.50319	.44212	.19302
#1	1266.7	24129.	6508.3	679.38	1363.9
#2	1266.2	24203.	6512.8	682.81	1365.1
#3	1263.9	24012.	6567.4	676.82	1369.0

Sample Name: ICV Acquired: 12/04/2020 11:40:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	1.014162	1.071934	.9949630	1.042209	.9734721	2.444642
Stddev	.008926	.006622	.0032033	.010242	.0027433	.009309
%RSD	.8801206	.6177652	.3219487	.9826814	.2818016	.3807913

#1	1.010378	1.064599	.9963670	1.037801	.9736314	2.436845
#2	1.007752	1.073734	.9972246	1.034910	.9706527	2.454949
#3	1.024357	1.077471	.9912975	1.053917	.9761323	2.442133

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5294861	.5388926	.5182735	10.11689	.5409365	.5124021
Stddev	.0010868	.0038732	.0004406	.03178	.0015847	.0001841
%RSD	.2052561	.7187370	.0850051	.3141165	.2929613	.0359204

#1	.5283476	.5433292	.5182545	10.08043	.5414642	.5122034
#2	.5305125	.5361848	.5178428	10.13155	.5421901	.5124363
#3	.5295982	.5371639	.5187233	10.13870	.5391553	.5125667

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5388002	10.80544	.5197684	6.060444	.5222959	.2462139
Stddev	.0051388	.08511	.0023880	.036379	.0010776	.0009804
%RSD	.9537507	.7876976	.4594273	.6002748	.2063275	.3981809

#1	.5430096	10.79476	.5170259	6.075110	.5228250	.2450991
#2	.5403175	10.89539	.5208919	6.087202	.5230067	.2469417
#3	.5330736	10.72617	.5213874	6.019021	.5210560	.2466008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.269867	.5413398	.9530370	9.448585	F .0048034	F -.002407
Stddev	.078696	.0017856	.0046553	.057275	.0031428	.000476
%RSD	.8489483	.3298461	.4884739	.6061704	65.42844	19.79083

#1	9.299858	.5402120	.9567331	9.427244	.0082340	-.002953
#2	9.329158	.5433984	.9545693	9.405045	.0041127	-.002074
#3	9.180584	.5404088	.9478087	9.513466	.0020634	-.002195

Sample Name: ICV Acquired: 12/04/2020 11:40:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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 -.000152	F .0020476	F .0048126	F -.001128	F -.001528	F .0022995
Stddev	.000474	.0043858	.0006629	.001415	.000422	.0007695
%RSD	312.3353	214.1931	13.77511	125.4501	27.61571	33.46355

#1	.000348	.0024002	.0051430	-.000047	-.001855	.0031760
#2	-.000595	-.002504	.0052455	-.000607	-.001677	.0017347
#3	-.000209	.006247	.0040494	-.002729	-.001052	.0019880

Elem	Sr4077
Units	ppm
Avg	F .0012784
Stddev	.0000172
%RSD	1.348516

#1	.0012750
#2	.0012631
#3	.0012970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1547.947	26366.30	6832.425	869.5047	1763.673
Stddev	2.584	63.03	18.223	2.6269	1.424
%RSD	.1669584	.2390426	.2667113	.3021170	.0807241

#1	1549.799	26436.43	6836.928	872.2344	1763.749
#2	1549.047	26348.09	6812.373	866.9943	1765.057
#3	1544.994	26314.38	6847.975	869.2854	1762.213

Sample Name: S6 Acquired: 12/04/2020 11:35:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	78.769	64.721	22.730	8.9848	4.6959
Stddev	.458	.298	.027	.0172	.0106
%RSD	.58094	.46107	.11719	.19192	.22477

#1	79.080	65.007	22.719	8.9717	4.6881
#2	78.243	64.411	22.711	8.9783	4.6917
#3	78.982	64.745	22.761	9.0044	4.7079

Int. Std.	Y_3710
Units	Cts/S
Avg	6346.1
Stddev	4.8
%RSD	.07543

#1	6342.7
#2	6343.9
#3	6351.5

Sample Name: ICB Acquired: 12/04/2020 11:43:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	-.000145	.0040598	.0000851	.0002653	.0017822	-.006747	-.002092
Stddev	.001876	.0004260	.0013823	.0022227	.0008922	.007132	.000183
%RSD	1289.611	10.49224	1623.297	837.8448	50.06025	105.7091	8.772404

#1	-.002231	.0045292	.0014016	-.001938	.0024388	-.003234	-.002023
#2	.000388	.0039524	.0002085	.002507	.0021415	-.002052	-.001952
#3	.001406	.0036978	-.001355	.000227	.0007664	-.014953	-.002300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	-.000001	.0117735	.0008632	-.000106	.0012467	.0079027
Stddev	.000090	.000145	.0078505	.0001433	.000116	.0007174	.0128239
%RSD	206.6316	23466.77	66.67931	16.60432	109.8201	57.54309	162.2728

#1	-.000030	.000081	.0119024	.0007501	.000016	.0005506	.0011187
#2	-.000140	-.000169	.0038593	.0008151	-.000119	.0012058	-.000104
#3	.000039	.000086	.0195587	.0010244	-.000215	.0019837	.022694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002382	-.010561	.0000850	.0002074	-.127880	-.000844	-.002646
Stddev	.0001716	.020554	.0004964	.0003966	.200480	.002014	.000784
%RSD	72.00668	194.6340	584.2987	191.2334	156.7722	238.5143	29.61186

#1	.0000626	-.025010	-.000022	-.000121	-.278207	-.003169	-.001767
#2	.0004054	-.019642	-.000350	.000096	.099742	.000384	-.002902
#3	.0002468	.012970	.000626	.000648	-.205174	.000251	-.003270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452891	.0011835	.0031888	-.000064	-.004915	-.002318	-.002900
Stddev	.0667289	.0012835	.0014532	.000231	.002825	.000692	.001612
%RSD	147.3399	108.4547	45.57389	359.4284	57.46775	29.86383	55.56876

#1	.1048965	.0004214	.0045172	-.000065	-.004380	-.001528	-.004571
#2	-.026799	.0026653	.0016366	.000167	-.002396	-.002821	-.001356
#3	.057770	.0004636	.0034125	-.000295	-.007969	-.002604	-.002773

Sample Name: ICB Acquired: 12/04/2020 11:43:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	-.000178	.0009864	.0000022
Stddev	.000353	.0003766	.0000551
%RSD	198.6892	38.18314	2476.359

#1	-.000496	.0012285	.0000077
#2	-.000238	.0005525	.0000544
#3	.000202	.0011782	-.000055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.351	26326.21	6788.046	864.1033	1760.966
Stddev	1.786	83.11	44.607	3.9069	2.077
%RSD	.1159407	.3157007	.6571361	.4521338	.1179476

#1	1539.261	26402.45	6785.732	864.8644	1758.599
#2	1539.379	26237.61	6744.641	859.8718	1761.815
#3	1542.412	26338.56	6833.764	867.5736	1762.484

Sample Name: ICSA Acquired: 12/04/2020 12:07:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.0061429	-.003284	.0011548	.0122539	.0029489	246.9413
Stddev	.0055759	.002964	.0036405	.0014917	.0015259	.4870
%RSD	90.77032	90.27746	315.2602	12.17344	51.74468	.1972075

#1	.0077647	-.004435	.0011047	.0113241	.0044041	247.1419
#2	.0107282	.000084	-.002460	.0139745	.0013610	246.3860
#3	-.000064	-.005500	.004820	.0114630	.0030816	247.2960

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021574	.0013675	-.000490	241.0502	.0556990	-.001468
Stddev	.0007713	.0000284	.000243	.3646	.0003225	.000270
%RSD	35.74963	2.076378	49.61195	.1512487	.5790568	18.37132

#1	.0012702	.0013909	-.000310	241.2174	.0556349	-.001256
#2	.0026678	.0013757	-.000394	240.6320	.0554133	-.001377
#3	.0025341	.0013359	-.000767	241.3013	.0560488	-.001772

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005884	102.3245	.0148574	252.1897	-.001520	-.000873
Stddev	.001268	.4989	.0001426	.8572	.000517	.000197
%RSD	21.55006	.4875288	.9599169	.3399081	34.03686	22.54406

#1	-.004566	102.4017	.0148325	252.6763	-.002045	-.000947
#2	-.007095	101.7915	.0147288	251.1999	-.001506	-.000649
#3	-.005992	102.7802	.0150108	252.6927	-.001010	-.001021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.415776	.0014766	.0083263	-.259828	F .0117384	-.012498
Stddev	.169767	.0003026	.0006838	.022555	.0042994	.002101
%RSD	40.83130	20.48938	8.212602	8.680589	36.62643	16.80927

#1	-.221139	.0012844	.0090055	-.252369	.0068401	-.014244
#2	-.492890	.0018253	.0083354	-.241947	.0134880	-.013082
#3	-.533298	.0013200	.0076380	-.285167	.0148871	-.010166

Sample Name: ICSA Acquired: 12/04/2020 12:07:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.0001422	.0057839	-.006037	-.001960	-.003510	.0031442
Stddev	.0008643	.0106595	.001629	.001297	.000276	.0008753
%RSD	607.6454	184.2966	26.99254	66.20669	7.853522	27.83702

#1	-.000855	.0113543	-.007745	-.000867	-.003823	.0025130
#2	.000665	-.006507	-.005865	-.001618	-.003305	.0027762
#3	.000618	.012504	-.004500	-.003393	-.003401	.0041434

Elem	Sr4077
Units	ppm
Avg	F .1055551
Stddev	.0002585
%RSD	.2449224

#1	.1055317
#2	.1053091
#3	.1058245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.228	24888.69	6677.760	796.8549	1517.541
Stddev	2.454	118.93	43.396	2.2391	3.985
%RSD	.1744105	.4778637	.6498512	.2809894	.2626129

#1	1406.384	25006.41	6627.659	798.2410	1514.987
#2	1405.307	24891.09	6703.568	798.0520	1515.504
#3	1409.993	24768.57	6702.054	794.2718	1522.133

Sample Name: ICSAB Acquired: 12/04/2020 12:11:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.1082071	.1104776	.0519697	.0606568	.5976168	248.6447
Stddev	.0056421	.0023971	.0021904	.0075320	.0019199	.9069
%RSD	5.214159	2.169767	4.214700	12.41741	.3212594	.3647269

#1	.1101020	.1096704	.0502422	.0519647	.5954705	248.7523
#2	.1018615	.1131741	.0544333	.0647435	.5982093	249.4930
#3	.1126579	.1085883	.0512335	.0652621	.5991706	247.6889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5288188	.5219019	1.011110	243.7113	.5632712	.5055544
Stddev	.0019791	.0047278	.001303	.7864	.0007680	.0007287
%RSD	.3742399	.9058791	.1289124	.3226842	.1363483	.1441370

#1	.5305748	.5265590	1.012540	244.1847	.5641573	.5059332
#2	.5292073	.5220404	1.010799	244.1457	.5627959	.5060157
#3	.5266743	.5171064	1.009989	242.8035	.5628605	.5047143

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5076885	102.4110	.5052739	252.1588	1.000903	.2030530
Stddev	.0003055	.2758	.0018076	1.0071	.000488	.0001130
%RSD	.0601703	.2693261	.3577418	.3993794	.0487170	.0556310

#1	.5076485	102.3937	.5070168	252.1603	1.000440	.2031833
#2	.5080121	102.6951	.5034080	253.1650	1.001412	.2029823
#3	.5074050	102.1442	.5053969	251.1509	1.000856	.2029935

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.312434	.5297791	1.005389	-.301630	F .0159242	-.027037
Stddev	.040808	.0040697	.006701	.033674	.0032410	.001770
%RSD	13.06123	.7681828	.6664772	11.16388	20.35248	6.546583

#1	-.265366	.5278769	1.002552	-.300339	.0121884	-.029074
#2	-.337912	.5344516	1.000573	-.268620	.0176011	-.025873
#3	-.334022	.5270089	1.013041	-.335930	.0179832	-.026164

Sample Name: ICSAB Acquired: 12/04/2020 12:11:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) 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	.0003734	.0066726	-.002851	.0000888	-.003908	.0014169
Stddev	.0005024	.0052393	.001703	.0012021	.000508	.0004921
%RSD	134.5709	78.52022	59.72598	1354.260	13.00182	34.72780

#1	-.000091	.0125435	-.004338	-.000767	-.004053	.0019845
#2	.000304	.0024725	-.000993	.001463	-.003343	.0011558
#3	.000907	.0050017	-.003222	-.000430	-.004328	.0011105

Elem	Sr4077
Units	ppm
Avg	F .1068222
Stddev	.0003433
%RSD	.3214078

#1	.1067102
#2	.1072075
#3	.1065488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.070	24959.37	6751.646	797.3431	1513.679
Stddev	2.125	69.37	34.430	4.5751	2.170
%RSD	.1513331	.2779166	.5099550	.5737925	.1433842

#1	1406.347	24958.45	6726.998	795.7635	1511.715
#2	1402.141	25029.20	6736.955	802.4987	1513.313
#3	1403.721	24890.48	6790.985	793.7671	1516.009

Sample Name: CCV079 Acquired: 12/04/2020 12:15:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.226333	4.930131	25.18320	5.270510	5.069392	410.2287	10.34226
Stddev	.025958	.004788	.05226	.012619	.015832	.4014	.13469
%RSD	.4966724	.0971230	.2075034	.2394299	.3123033	.0978506	1.302304

#1	5.216497	4.924911	25.12529	5.282179	5.059198	410.6922	10.45896
#2	5.206730	4.934318	25.22682	5.257118	5.061348	409.9977	10.37294
#3	5.255771	4.931165	25.19749	5.272233	5.087631	409.9962	10.19488

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070732	2.515163	397.7462	15.20589	2.541024	15.24407	424.5044
Stddev	.0019379	.004414	.1391	.01373	.007188	.04389	2.2378
%RSD	.3821812	.1754988	.0349843	.0903233	.2828814	.2878912	.5271462

#1	.5076596	2.510114	397.6949	15.20005	2.533180	15.28462	425.9905
#2	.5086502	2.517081	397.9037	15.19604	2.547296	15.25010	425.5921
#3	.5049098	2.518293	397.6400	15.22158	2.542595	15.19747	421.9308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.86667	418.3510	2.481323	1.287297	408.8455	2.598542	16.10575
Stddev	.01805	1.9702	.014232	.006058	2.0584	.018374	.06518
%RSD	.1214115	.4709538	.5735769	.4706218	.5034745	.7070819	.4046779

#1	14.86884	419.5698	2.464890	1.290240	410.1658	2.615095	16.11650
#2	14.84764	419.4052	2.489741	1.280329	409.8971	2.601757	16.16489
#3	14.88354	416.0779	2.489337	1.291321	406.4737	2.578772	16.03587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.9156	5.137214	5.118856	5.058679	5.347218	5.051107	5.083824
Stddev	.3631	.015457	.013118	.023132	.004944	.013856	.019820
%RSD	.2328958	.3008920	.2562684	.4572812	.0924600	.2743211	.3898677

#1	156.0372	5.119988	5.123018	5.051506	5.348823	5.059161	5.060989
#2	156.2023	5.141777	5.129388	5.039983	5.341672	5.059052	5.093920
#3	155.5073	5.149876	5.104162	5.084548	5.351161	5.035107	5.096563

Sample Name: CCV079 Acquired: 12/04/2020 12:15:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.203463	5.252806	5.252048
Stddev	.024697	.019263	.032570
%RSD	.4746198	.3667098	.6201452

#1	5.226892	5.267390	5.286146
#2	5.205827	5.260058	5.221258
#3	5.177669	5.230970	5.248739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.822	23907.09	6521.012	707.0246	1351.984
Stddev	5.457	20.12	24.527	2.5338	2.674
%RSD	.4294456	.0841450	.3761196	.3583785	.1977580

#1	1273.635	23895.73	6496.850	706.9894	1354.965
#2	1274.299	23895.22	6520.297	704.5086	1351.188
#3	1264.532	23930.31	6545.888	709.5758	1349.798

Sample Name: CCB079 Acquired: 12/04/2020 12:19:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003148	.0031223	.0023350	-.002185	-.000204	-.003422	-.003875
Stddev	.005187	.0050679	.0014889	.006956	.001269	.005347	.000523
%RSD	164.7351	162.3126	63.76290	318.4122	621.4306	156.2424	13.48835

#1	.002632	.0046258	.0040068	.005258	.000754	-.002753	-.004478
#2	-.007397	.0072683	.0011520	-.008521	.000277	-.009072	-.003567
#3	-.004680	-.002527	.0018462	-.003291	-.001643	.001558	-.003579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000233	.0000242	.0174359	.0003689	-.000160	.0012299	.0066797
Stddev	.0001396	.0000253	.0098607	.0000339	.000265	.0016089	.0020808
%RSD	598.7662	104.2922	56.55365	9.184016	165.1047	130.8119	31.15109

#1	-.000116	.0000445	.0125409	.0003507	.000143	.0027777	.0087714
#2	.000023	.0000322	.0287863	.0003480	-.000345	.0013459	.0066578
#3	.000163	-.000004	.0109805	.0004080	-.000279	-.000434	.0046099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007475	-.006488	.0002947	.0002231	-.284366	.0012688	-.000433
Stddev	.0002736	.023674	.0008716	.0003356	.081281	.0004674	.000878
%RSD	36.60454	364.8789	295.8157	150.3823	28.58315	36.83775	202.8714

#1	.0010534	-.000369	.0012671	.0001444	-.273964	.0009215	.000138
#2	.0006629	.013526	.0000333	.0005911	-.208788	.0010847	.000008
#3	.0005262	-.032622	-.000416	-.000066	-.370348	.0018002	-.001444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225739	.0004671	.0079278	.0008261	.0016092	-.000268	-.001876
Stddev	.0065300	.0009218	.0009930	.0002820	.0073776	.000547	.001149
%RSD	28.92713	197.3406	12.52585	34.12990	458.4746	204.0106	61.24486

#1	.0199751	-.000420	.0086474	.0011042	-.004965	.000347	-.002214
#2	.0177434	.000402	.0067949	.0008337	.009588	-.000700	-.000596
#3	.0300032	.001420	.0083412	.0005405	.000204	-.000451	-.002817

Sample Name: CCB079 Acquired: 12/04/2020 12:19:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000298	-.000867	.0000243
Stddev	.000613	.001150	.0000454
%RSD	205.9485	132.6207	186.6505

#1	.000160	-.001878	.0000313
#2	-.000059	-.001107	.0000658
#3	-.000994	.000384	-.000024

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.497	25901.00	6797.926	843.4980	1721.770
Stddev	1.771	171.65	40.681	5.1821	.642
%RSD	.1186483	.6627091	.5984259	.6143631	.0372936

#1	1492.969	25714.17	6783.634	837.6121	1721.299
#2	1490.539	25937.11	6766.319	845.5077	1721.511
#3	1493.985	26051.72	6843.823	847.3743	1722.502

Sample Name: L4823-13 Acquired: 12/04/2020 12:28:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.387991	.1304536	.7548547	.1355581	.7718902	1.343124	.0145824
Stddev	.010633	.0043849	.0050030	.0015592	.0014495	.013718	.0005239
%RSD	.3138583	3.361260	.6627819	1.150187	.1877875	1.021383	3.592461

#1	3.389191	.1310403	.7606135	.1373544	.7703533	1.351957	.0143396
#2	3.376809	.1345156	.7523726	.1347651	.7720845	1.327320	.0151836
#3	3.397974	.1258049	.7515781	.1345549	.7732327	1.350096	.0142240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652045	.1430234	610.5287	.3449457	.5107998	22.89970	90.11459
Stddev	.0005688	.0002576	.3991	.0005928	.0007961	.04423	.43218
%RSD	.8723536	.1801302	.0653716	.1718613	.1558470	.1931651	.4795944

#1	.0645861	.1432766	610.1022	.3445575	.5117123	22.94591	89.82615
#2	.0657053	.1430320	610.5906	.3456281	.5104399	22.85775	89.90613
#3	.0653220	.1427615	610.8932	.3446515	.5102473	22.89545	90.61150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7490862	363.0853	.2117090	.0777117	-.373840	.2292651	.6188053
Stddev	.0005907	1.7744	.0008941	.0002556	.076362	.0041695	.0073740
%RSD	.0788581	.4886996	.4223384	.3289532	20.42635	1.818633	1.191645

#1	.7495140	361.5051	.2127195	.0778810	-.286005	.2313356	.6127911
#2	.7484122	362.7458	.2110205	.0774176	-.411055	.2319941	.6165924
#3	.7493324	365.0049	.2113869	.0778364	-.424459	.2244656	.6270323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.401184	.2438253	.0061898	.1724537	1.029564	3.256531	.0319199
Stddev	.009943	.0037802	.0001711	.0007223	.012297	.022212	.0017803
%RSD	2.478349	1.550368	2.763710	.4188234	1.194410	.6820790	5.577454

#1	-.392505	.2434170	.0062798	.1726158	1.019918	3.231765	.0333734
#2	-.412032	.2477931	.0059925	.1730811	1.025363	3.263137	.0324521
#3	-.399015	.2402659	.0062971	.1716641	1.043411	3.274691	.0299342

Sample Name: L4823-13 Acquired: 12/04/2020 12:28:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0525858	.0078192	.1957136
Stddev	.0013610	.0012309	.0003695
%RSD	2.588188	15.74148	.1887691

#1	.0540462	.0064241	.1952870
#2	.0513528	.0087518	.1959307
#3	.0523584	.0082817	.1959229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.061	24918.40	6731.711	779.8058	1454.970
Stddev	.075	11.27	13.867	.4565	4.036
%RSD	.0054778	.0452354	.2059947	.0585437	.2773662

#1	1364.065	24915.17	6746.197	779.5756	1450.321
#2	1364.134	24909.10	6730.377	779.5102	1457.017
#3	1363.985	24930.94	6718.560	780.3316	1457.571

Sample Name: PB133148BL Acquired: 12/04/2020 12:40:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS148 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002401	.0050805	-.000712	.0019501	-.001380	-.008395	-.004105
Stddev	.001579	.0036899	.001373	.0013657	.002136	.002640	.000104
%RSD	65.73648	72.62749	193.0077	70.03261	154.8050	31.45058	2.539987

#1	-.001316	.0093314	.000326	.0009509	-.003846	-.011233	-.004054
#2	-.004212	.0032059	-.000192	.0035062	-.000105	-.006012	-.004037
#3	-.001675	.0027043	-.002269	.0013931	-.000188	-.007940	-.004225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000146	.0000213	.0130437	-.000161	.0001718	-.000226	.0007973
Stddev	.0000150	.0000583	.0088093	.000451	.0004227	.001228	.0061170
%RSD	103.0581	273.9386	67.53681	279.5952	246.1033	542.2521	767.2553

#1	.0000291	.0000292	.0160143	.000358	.0006397	-.000081	.0030984
#2	.0000155	-.000041	.0199838	-.000458	.0000581	-.001520	-.006137
#3	-.000001	.000075	.0031331	-.000383	-.000183	.000922	.005430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002283	-.011115	.0000022	.0003326	-.313983	.0003262	-.000497
Stddev	.0002447	.006537	.0005518	.0002300	.153821	.0013927	.001092
%RSD	107.2082	58.81218	25333.42	69.14801	48.99020	426.8657	219.7091

#1	.0002658	-.018653	.0006163	.0002880	-.136394	-.000704	-.000260
#2	-.000033	-.007015	-.000452	.0005817	-.400051	-.000228	.000457
#3	.000452	-.007676	-.000158	.0001282	-.405503	.001911	-.001688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042667	.0008979	-.005764	-.000077	-.002362	-.000535	-.003849
Stddev	.033136	.0020779	.001001	.000386	.005963	.000531	.001600
%RSD	77.66378	231.4251	17.37585	501.0510	252.4985	99.34492	41.56957

#1	-.035285	.0014285	-.006880	-.000506	-.002685	-.000350	-.005696
#2	-.013843	-.001394	-.004944	.000241	.003757	-.001133	-.002990
#3	-.078871	.002659	-.005467	.000034	-.008157	-.000120	-.002863

Sample Name: PB133148BL Acquired: 12/04/2020 12:40:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS148 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000463	-.002499	-.000052
Stddev	.000038	.000736	.000029
%RSD	8.305490	29.44054	55.79210

#1	-.000461	-.002476	-.000070
#2	-.000426	-.003246	-.000067
#3	-.000503	-.001775	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.445	25839.94	6791.494	837.0537	1708.650
Stddev	.628	26.64	36.565	2.6825	3.196
%RSD	.0425116	.1031028	.5383937	.3204689	.1870540

#1	1476.359	25838.77	6832.505	838.7334	1705.092
#2	1477.111	25867.15	6779.683	838.4677	1711.277
#3	1475.865	25813.90	6762.295	833.9600	1709.583

Sample Name: PB133148BS Acquired: 12/04/2020 12:44:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS148 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244185	.0585832	.0232273	.0865082	.1349731	.4650668
Stddev	.0047248	.0030495	.0022683	.0039528	.0017491	.0048960
%RSD	19.34915	5.205425	9.765807	4.569333	1.295894	1.052756

#1	.0296970	.0611524	.0243524	.0889436	.1339041	.4668907
#2	.0205849	.0593841	.0206163	.0819474	.1340236	.4687890
#3	.0229734	.0552132	.0247131	.0886337	.1369916	.4595206

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4153840	.0121517	.0112231	11.29504	.0247230	.1106512
Stddev	.0051179	.0002131	.0000684	.06513	.0009584	.0002719
%RSD	1.232088	1.753438	.6091709	.5766269	3.876666	.2457572

#1	.4183037	.0120590	.0111478	11.23839	.0238140	.1106584
#2	.4183739	.0120007	.0112814	11.36621	.0246307	.1103757
#3	.4094745	.0123954	.0112399	11.28053	.0257242	.1109195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599216	.2512980	.0361114	11.92532	.0927757	.0224435
Stddev	.0018499	.0030550	.0003204	.09117	.0002258	.0003578
%RSD	3.087283	1.215693	.8871293	.7644886	.2433408	1.593990

#1	.0577865	.2494093	.0357691	11.85604	.0925257	.0226603
#2	.0610458	.2548226	.0361612	11.89132	.0929646	.0226395
#3	.0609326	.2496621	.0364040	12.02860	.0928369	.0220305

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62182	.1248393	.1363229	10.76013	.0257807	F .0198199
Stddev	.12333	.0004918	.0019463	.02714	.0034462	.0010302
%RSD	1.161094	.3939227	1.427710	.2521841	13.36725	5.197904

#1	10.74398	.1249688	.1383833	10.76274	.0246020	.0201986
#2	10.49735	.1252533	.1345155	10.78586	.0230785	.0206072
#3	10.62412	.1242957	.1360698	10.73178	.0296615	.0186540

Sample Name: PB133148BS Acquired: 12/04/2020 12:44:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS148 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240884	.1943587	.2283437	.0116061	.2367289	F .1075889
Stddev	.0001458	.0068380	.0024009	.0009761	.0011158	.0009715
%RSD	.6051882	3.518250	1.051428	8.410419	.4713559	.9029476
#1	.0242348	.1909785	.2267448	.0107200	.2354489	.1066407
#2	.0240870	.2022286	.2271818	.0126524	.2374966	.1085821
#3	.0239433	.1898691	.2311045	.0114460	.2372411	.1075439

Elem	Sr4077
Units	ppm
Avg	.2430065
Stddev	.0003553
%RSD	.1462012
#1	.2430321
#2	.2433484
#3	.2426392

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.169	25959.09	6797.080	838.7126	1705.158
Stddev	.851	131.40	6.419	2.2310	.914
%RSD	.0577856	.5061762	.0944420	.2660000	.0535973
#1	1471.488	25812.14	6796.965	837.0417	1704.304
#2	1471.896	25999.88	6803.556	837.8499	1706.122
#3	1473.122	26065.27	6790.719	841.2461	1705.048

Sample Name: PB133294BL Acquired: 12/04/2020 12:52:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS294 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000457	.0027141	-.001879	-.000264	-.000821	-.005178	-.004326
Stddev	.004297	.0015660	.000894	.001440	.002015	.003002	.000394
%RSD	939.9148	57.70050	47.56132	544.5812	245.4733	57.98197	9.111931

#1	.000124	.0026424	-.001846	.000731	.000375	-.008295	-.003893
#2	.003520	.0043147	-.001002	.000391	.000310	-.002305	-.004664
#3	-.005016	.0011851	-.002789	-.001915	-.003147	-.004935	-.004421

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	.0000495	.0171876	.0000256	.0003098	.0014717	.0083840
Stddev	.000085	.0000747	.0050716	.0001232	.0004294	.0014299	.0044616
%RSD	245.3122	150.8386	29.50719	480.6010	138.6142	97.15841	53.21621

#1	-.000043	.0000054	.0230383	.0001113	-.000156	.0031223	.0133548
#2	.000054	.0000074	.0144800	.0000813	.000396	.0006816	.0070710
#3	-.000115	.0001357	.0140444	-.000116	.000690	.0006113	.0047262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005228	-.017877	.0003452	.0002906	-.395501	-.002083	-.001538
Stddev	.0003142	.021520	.0002427	.0001336	.126204	.002517	.001153
%RSD	60.09633	120.3803	70.30988	45.95815	31.90984	120.8347	74.98234

#1	.0005793	-.008917	.0004480	.0004448	-.463973	.000517	-.002065
#2	.0001842	-.002284	.0005196	.0002177	-.472670	-.004509	-.000215
#3	.0008049	-.042429	.0000680	.0002094	-.249860	-.002257	-.002333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1524063	.0040261	-.005276	.0000131	-.000067	-.001334	-.001706
Stddev	.0096826	.0011208	.000914	.0002494	.003758	.000489	.001377
%RSD	6.353140	27.83731	17.32039	1909.198	5583.676	36.65983	80.73297

#1	.1630097	.0028512	-.004269	-.000275	-.001453	-.001865	-.000145
#2	.1501753	.0050834	-.005507	.000146	.004187	-.000901	-.002220
#3	.1440339	.0041437	-.006052	.000168	-.002935	-.001237	-.002751

Sample Name: PB133294BL Acquired: 12/04/2020 12:52:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS294 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000214	.0037833	-.000050
Stddev	.000799	.0004092	.000049
%RSD	372.5506	10.81640	98.61817

#1	.000390	.0037972	-.000059
#2	.000087	.0041853	-.000094
#3	-.001120	.0033672	.000003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.723	26091.07	6847.217	845.9811	1729.322
Stddev	4.848	29.83	11.013	1.2010	3.439
%RSD	.3258521	.1143333	.1608393	.1419655	.1988520

#1	1482.128	26119.77	6834.503	846.8277	1729.219
#2	1490.652	26093.21	6853.796	846.5091	1725.936
#3	1490.391	26060.23	6853.353	844.6066	1732.811

Sample Name: L4867-01A Acquired: 12/04/2020 13:01:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213903	.0294452	1.312391	.1168763	.0677000	1.528369
Stddev	.0058456	.0032220	.013190	.0063877	.0002589	.011054
%RSD	27.32848	10.94226	1.005038	5.465366	.3824680	.7232451

#1	.0217732	.0267745	1.297210	.1173753	.0675888	1.516454
#2	.0153626	.0330236	1.318915	.1102537	.0679960	1.530361
#3	.0270350	.0285374	1.321047	.1229999	.0675152	1.538291

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.104095	.0266239	.0457163	141.2612	.1053793	.2722738
Stddev	.004650	.0000691	.0003010	.2539	.0004897	.0023948
%RSD	.2209815	.2594547	.6584637	.1797355	.4646622	.8795538

#1	2.100796	.0266537	.0454202	141.1439	.1053290	.2698247
#2	2.102075	.0265449	.0457067	141.0871	.1058922	.2723863
#3	2.109412	.0266730	.0460220	141.5525	.1049168	.2746103

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3144752	.7080589	.7057089	7.360966	.3479148	.0274975
Stddev	.0018292	.0161042	.0047789	.064472	.0032206	.0003143
%RSD	.5816710	2.274409	.6771824	.8758616	.9256901	1.143166

#1	.3127190	.6958327	.7046746	7.289771	.3452190	.0277842
#2	.3163696	.7263060	.7015318	7.377722	.3470441	.0275469
#3	.3143371	.7020380	.7109202	7.415406	.3514812	.0271613

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1471.985	.2911999	4.161096	5.129929	2.554503	.2620995
Stddev	3.582	.0041382	.047188	.040201	.029674	.0012929
%RSD	.2433680	1.421077	1.134032	.7836511	1.161640	.4932694

#1	1467.850	.2867962	4.133720	5.083901	2.527004	.2608741
#2	1473.953	.2917955	4.215584	5.158156	2.550549	.2619737
#3	1474.152	.2950080	4.133984	5.147730	2.585956	.2634506

Sample Name: L4867-01A Acquired: 12/04/2020 13:01:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004211	2.951880	3.348031	-.003107	.0027014	.0000020
Stddev	.0002171	.041863	.010031	.000943	.0006014	.0018761
%RSD	51.56781	1.418175	.2996030	30.34168	22.26306	91373.97

#1	.0002161	2.904085	3.337856	-.003248	.0029467	.0005949
#2	.0006486	2.969513	3.348325	-.003970	.0031414	.0015101
#3	.0003985	2.982041	3.357911	-.002101	.0020161	-.002099

Elem	Sr4077
Units	ppm
Avg	.4148814
Stddev	.0007903
%RSD	.1904777

#1	.4143381
#2	.4145181
#3	.4157880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.993	25421.17	7022.824	818.0070	1461.883
Stddev	9.876	93.06	13.154	3.1060	10.537
%RSD	.7089673	.3660608	.1873029	.3797047	.7207757

#1	1403.357	25315.25	7035.991	819.3699	1472.705
#2	1391.931	25489.81	7022.798	814.4526	1461.287
#3	1383.691	25458.43	7009.683	820.1986	1451.656

Sample Name: L4870-01 Acquired: 12/04/2020 13:05:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFMZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618797	.0086168	7.598712	.0064260	-.026545	70.64459
Stddev	.0076574	.0028416	.007115	.0021386	.002705	.23025
%RSD	12.37471	32.97810	.0936357	33.28014	10.19010	.3259281

#1	.0576135	.0062176	7.606441	.0076270	-.028670	70.42651
#2	.0707200	.0078777	7.597259	.0039569	-.027466	70.62191
#3	.0573057	.0117549	7.592435	.0076942	-.023500	70.88534

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.443564	.0074303	.8216866	172.5189	12.76823	.0971715
Stddev	.004593	.0002256	.0004823	.6114	.01126	.0004284
%RSD	.1879705	3.036354	.0586936	.3543923	.0882147	.4408635

#1	2.446292	.0071711	.8222042	172.8188	12.78072	.0968182
#2	2.446139	.0075819	.8212499	172.9225	12.75885	.0970481
#3	2.438261	.0075380	.8216056	171.8155	12.76512	.0976480

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.195292	193.1642	2.327398	52.25918	F 8.957876	.3857762
Stddev	.009766	1.3793	.007736	.45432	.026223	.0004790
%RSD	.3056486	.7140478	.3324071	.8693580	.2927333	.1241600

#1	3.184030	191.8431	2.326191	51.81680	8.930079	.3859080
#2	3.201418	193.0542	2.335668	52.23616	8.982172	.3861755
#3	3.200430	194.5951	2.320337	52.72457	8.961379	.3852451

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.02472	.1002344	F 78.64641	6.667849	F 11.71535	.0950716
Stddev	.32431	.0028065	.44922	.013588	.01740	.0022342
%RSD	1.200038	2.799973	.5711943	.2037849	.1485255	2.349987

#1	27.39026	.0991377	78.15969	6.654792	11.70187	.0926647
#2	26.77153	.0981419	78.73442	6.666844	11.73499	.0954709
#3	26.91238	.1034237	79.04511	6.681912	11.70919	.0970791

Sample Name: L4870-01 Acquired: 12/04/2020 13:05:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFMZ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155277	1.601733	7.606359	1.283091	1.397076	.1256726
Stddev	.0002152	.014975	.007857	.002249	.004491	.0008717
%RSD	1.385787	.9349435	.1032964	.1752506	.3214541	.6936200

#1	.0157758	1.597194	7.597412	1.281315	1.394455	.1247064
#2	.0153922	1.589553	7.612134	1.282339	1.394511	.1264000
#3	.0154150	1.618453	7.609532	1.285619	1.402261	.1259114

Elem	Sr4077
Units	ppm
Avg	.6341360
Stddev	.0001577
%RSD	.0248741

#1	.6342625
#2	.6341862
#3	.6339593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.823	29198.19	7826.063	876.3550	1547.680
Stddev	1.388	28.29	17.845	2.1008	2.454
%RSD	.0886240	.0968803	.2280138	.2397152	.1585277

#1	1564.409	29177.90	7824.823	876.8425	1546.104
#2	1565.876	29230.50	7808.871	874.0534	1546.430
#3	1567.183	29186.16	7844.495	878.1692	1550.507

Sample Name: L4870-02 Acquired: 12/04/2020 13:09:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFMZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0582354	.0022863	2.970384	.0089372	-.002266	65.93268	1.736748
Stddev	.0029099	.0003892	.006422	.0056492	.002006	.06883	.003651
%RSD	4.996757	17.02197	.2162001	63.21012	88.52379	.1043968	.2102315

#1	.0548974	.0021629	2.963511	.0024621	-.002383	65.85321	1.733059
#2	.0595717	.0019738	2.976232	.0128594	-.004211	65.97344	1.740361
#3	.0602371	.0027222	2.971410	.0114901	-.000204	65.97139	1.736825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052609	1.358618	138.1257	3.141206	.1178386	1.069054	156.7539
Stddev	.0000300	.003520	.2460	.002265	.0003004	.001563	.2702
%RSD	.5710970	.2590824	.1781245	.0720956	.2549379	.1462088	.1723629

#1	.0052338	1.355172	137.8709	3.138593	.1175525	1.069673	156.4834
#2	.0052932	1.358475	138.3619	3.142426	.1181515	1.070212	156.7545
#3	.0052557	1.362208	138.1443	3.142599	.1178117	1.067276	157.0238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.009877	38.14479	2.477188	.0035987	15.40234	.1378670	13.93192
Stddev	.007750	.02988	.003193	.0002005	.05147	.0039098	.10508
%RSD	.0967598	.0783424	.1288876	5.572587	.3341478	2.835905	.7542196

#1	8.003302	38.13347	2.480408	.0037267	15.42376	.1361856	14.04471
#2	8.018422	38.12221	2.477134	.0033676	15.34362	.1350791	13.91426
#3	8.007908	38.17867	2.474023	.0037019	15.43964	.1423362	13.83679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.026014	9.259669	.0892109	.0080796	1.226998	2.018783	.1562029
Stddev	.071365	.080239	.0021843	.0006562	.010794	.024574	.0031054
%RSD	.7906545	.8665392	2.448443	8.121161	.8797455	1.217267	1.988063

#1	8.962930	9.341796	.0916933	.0083710	1.228577	1.990793	.1587961
#2	9.011640	9.255749	.0875831	.0073282	1.236915	2.028742	.1527615
#3	9.103471	9.181463	.0883564	.0085396	1.215501	2.036815	.1570510

Sample Name: L4870-02 Acquired: 12/04/2020 13:09:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFMZ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5922171	.1025758	.4611066
Stddev	.0022767	.0010453	.0007396
%RSD	.3844416	1.019083	.1603902

#1	.5908332	.1013985	.4602677
#2	.5909734	.1029338	.4613878
#3	.5948448	.1033951	.4616643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1632.096	29425.35	7831.059	923.9444	1579.520
Stddev	1.583	123.37	21.223	5.1174	1.210
%RSD	.0970075	.4192635	.2710163	.5538686	.0766366

#1	1631.711	29291.78	7852.340	919.3299	1580.866
#2	1630.740	29449.22	7830.942	923.0552	1579.173
#3	1633.836	29535.04	7809.893	929.4482	1578.521

Sample Name: L4823-14 Acquired: 12/04/2020 13:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q53D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.433760	.1377976	.7629313	.1351991	.7800589	1.372067	.0147281
Stddev	.007799	.0022738	.0018862	.0045470	.0026216	.021600	.0003687
%RSD	.2271286	1.650098	.2472355	3.363213	.3360721	1.574274	2.503696

#1	3.432403	.1384508	.7607723	.1404166	.7774543	1.396903	.0149205
#2	3.442148	.1396733	.7637616	.1320815	.7826971	1.361628	.0149610
#3	3.426728	.1352687	.7642599	.1330992	.7800254	1.357669	.0143030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666748	.1440288	615.4281	.3470939	.5156136	23.12593	92.24390
Stddev	.0005782	.0003080	.4469	.0012134	.0016238	.01857	.50908
%RSD	.8671909	.2138576	.0726116	.3495898	.3149278	.0803039	.5518816

#1	.0671013	.1441596	615.0177	.3482515	.5140572	23.12304	92.58979
#2	.0660167	.1436769	615.9042	.3458314	.5154862	23.14578	91.65934
#3	.0669065	.1442497	615.3626	.3471988	.5172973	23.10898	92.48258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7551602	372.3949	.2129891	.0778713	-.174797	.2385037	.6204997
Stddev	.0021280	1.8062	.0006606	.0014760	.158274	.0039636	.0073657
%RSD	.2818005	.4850217	.3101464	1.895468	90.54709	1.661846	1.187062

#1	.7529297	373.3096	.2124347	.0770153	-.159868	.2378775	.6167491
#2	.7553825	370.3143	.2128125	.0770228	-.340006	.2348906	.6289859
#3	.7571683	373.5608	.2137200	.0795756	-.024517	.2427432	.6157642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.448702	.2492624	-.000569	.1736640	1.057547	3.329302	.0323569
Stddev	.028641	.0051616	.000962	.0006575	.018655	.022836	.0013487
%RSD	6.383085	2.070738	169.1565	.3786205	1.763962	.6859064	4.168267

#1	-.444275	.2482701	-.001552	.1734196	1.057962	3.351096	.0309718
#2	-.479298	.2548480	.000371	.1731637	1.075991	3.305550	.0336661
#3	-.422532	.2446689	-.000525	.1744087	1.038689	3.331261	.0324328

Sample Name: L4823-14 Acquired: 12/04/2020 13:21:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q53D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0541154	.0081968	.1986448
Stddev	.0016737	.0015780	.0002508
%RSD	3.092744	19.25087	.1262482

#1	.0542968	.0072544	.1987382
#2	.0523585	.0073175	.1988355
#3	.0556910	.0100185	.1983607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.388	24694.21	6586.695	774.0193	1425.043
Stddev	2.127	9.41	25.916	.7003	4.206
%RSD	.1598522	.0381017	.3934594	.0904779	.2951592

#1	1328.786	24698.47	6588.933	774.4082	1425.463
#2	1332.801	24683.43	6611.419	773.2108	1429.024
#3	1329.579	24700.74	6559.732	774.4389	1420.643

Sample Name: L4823-15 Acquired: 12/04/2020 13:25:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q53S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.454185	.2422647	.7838026	.3340476	.9739110	5.487284	4.339920
Stddev	.012826	.0025005	.0034182	.0107533	.0059530	.045288	.008357
%RSD	.3713179	1.032133	.4361072	3.219099	.6112490	.8253311	.1925629

#1	3.447134	.2412223	.7816003	.3352624	.9709795	5.442628	4.348648
#2	3.468990	.2451177	.7820672	.3441420	.9807613	5.533179	4.331992
#3	3.446431	.2404540	.7877404	.3227385	.9699922	5.486046	4.339118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1687312	.2441602	600.0050	.7371042	1.556344	23.03553	92.03647
Stddev	.0007520	.0001121	1.3911	.0010271	.004405	.04969	1.43513
%RSD	.4456969	.0459164	.2318508	.1393458	.2830631	.2157176	1.559303

#1	.1681778	.2442692	601.3323	.7363032	1.554427	22.98611	90.66435
#2	.1695874	.2440453	598.5578	.7382622	1.561383	23.08548	93.52724
#3	.1684283	.2441661	600.1248	.7367472	1.553221	23.03499	91.91781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713891	362.7878	1.228200	.1781556	-.305770	1.317564	1.646630
Stddev	.003629	5.4522	.005266	.0006013	.151449	.013883	.011972
%RSD	.2117671	1.502858	.4287600	.3374899	49.53034	1.053681	.7270583

#1	1.717092	357.5621	1.223559	.1776834	-.155281	1.306816	1.639920
#2	1.709948	368.4413	1.233923	.1779508	-.303869	1.333239	1.660452
#3	1.714633	362.3600	1.227118	.1788325	-.458162	1.312639	1.639518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.435782	.2384507	-.004354	.1713758	1.038259	3.511892	.0317301
Stddev	.104783	.0068953	.004578	.0006832	.014030	.030333	.0027277
%RSD	24.04489	2.891706	105.1217	.3986669	1.351334	.8637187	8.596418

#1	-.528667	.2366718	-.009634	.1721259	1.022187	3.497850	.0291923
#2	-.456487	.2326192	-.001926	.1712126	1.048057	3.546702	.0313837
#3	-.322192	.2460612	-.001503	.1707890	1.044534	3.491124	.0346145

Sample Name: L4823-15 Acquired: 12/04/2020 13:25:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q53S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0528881	.0056818	.1944252
Stddev	.0015392	.0017698	.0006986
%RSD	2.910357	31.14889	.3593180

#1	.0515021	.0039927	.1942608
#2	.0545447	.0075226	.1951913
#3	.0526175	.0055302	.1938234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.958	24418.16	6531.686	759.8873	1417.789
Stddev	.166	48.66	36.281	1.3495	1.262
%RSD	.0125869	.1992675	.5554584	.1775902	.0890391

#1	1320.885	24387.07	6550.958	759.7084	1418.106
#2	1321.148	24393.17	6489.836	758.6362	1416.399
#3	1320.840	24474.23	6554.264	761.3174	1418.863

Sample Name: L4870-03 Acquired: 12/04/2020 13:29:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1762924	.0142421	.5223699	.0008624	-.010728	57.63675
Stddev	.0047195	.0020514	.0009298	.0062499	.000528	.14689
%RSD	2.677086	14.40346	.1780028	724.7127	4.925003	.2548532

#1	.1797552	.0119225	.5216066	-.004309	-.010531	57.75307
#2	.1709168	.0158175	.5234055	.007808	-.011327	57.68549
#3	.1782053	.0149862	.5220976	-.000912	-.010328	57.47168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206265	.0130465	.4327662	71.86572	1.156903	.2112031
Stddev	.000728	.0001114	.0011542	.07636	.002054	.0007820
%RSD	.0603469	.8538334	.2666960	.1062587	.1775806	.3702510

#1	1.207078	.0131751	.4338600	71.82244	1.158183	.2110390
#2	1.206044	.0129796	.4328788	71.95389	1.157993	.2105162
#3	1.205673	.0129849	.4315599	71.82082	1.154533	.2120541

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.547908	130.5201	.8171748	14.58431	F 88.28145	.0147954
Stddev	.001113	.8890	.0021812	.15601	.09107	.0001794
%RSD	.0436650	.6811179	.2669210	1.069679	.1031633	1.212442

#1	2.548968	131.1260	.8188937	14.65131	88.18003	.0145883
#2	2.548008	130.9347	.8147210	14.69562	88.35624	.0148977
#3	2.546750	129.4995	.8179095	14.40599	88.30809	.0149003

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.878847	.1272425	F 113.9705	.9981607	4.897316	.1614613
Stddev	.047081	.0010187	.5655	.0435497	.020121	.0030509
%RSD	.6844384	.8005556	.4961462	4.362991	.4108494	1.889542

#1	6.912730	.1276963	114.6033	.9610066	4.898358	.1618392
#2	6.898724	.1279554	113.7936	1.046085	4.916895	.1643057
#3	6.825087	.1260758	113.5147	.987391	4.876694	.1582391

Sample Name: L4870-03 Acquired: 12/04/2020 13:29:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN00 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086327	4.860820	6.257394	.2162641	5.003703	.0415717
Stddev	.0008850	.020010	.042832	.0013643	.022211	.0012565
%RSD	10.25157	.4116517	.6845087	.6308546	.4438979	3.022404

#1	.0087883	4.858650	6.248060	.2171320	5.021172	.0420928
#2	.0094295	4.881827	6.304123	.2169688	5.011230	.0424837
#3	.0076802	4.841984	6.219998	.2146916	4.978706	.0401385

Elem	Sr4077
Units	ppm
Avg	1.134906
Stddev	.002834
%RSD	.2496891

#1	1.135279
#2	1.137534
#3	1.131904

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.068	29415.06	7793.303	944.9666	1647.030
Stddev	2.600	75.41	47.169	2.0006	2.438
%RSD	.1574548	.2563690	.6052547	.2117099	.1480067

#1	1652.876	29359.10	7795.838	944.3492	1644.222
#2	1652.240	29385.27	7744.918	943.3475	1648.260
#3	1648.089	29500.82	7839.154	947.2031	1648.607

Sample Name: L4870-04 Acquired: 12/04/2020 13:33:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656356	.0106371	3.858193	-.000580	-.001128	69.17684
Stddev	.0071637	.0013792	.004681	.001743	.001933	.13129
%RSD	10.91434	12.96583	.1213153	300.3017	171.3949	.1897912

#1	.0623854	.0120747	3.860373	.001271	-.002123	69.02833
#2	.0606731	.0105118	3.861385	-.002188	-.002361	69.27748
#3	.0738482	.0093249	3.852820	-.000824	.001100	69.22470

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182256	.0082068	1.122633	66.42080	7.308243	.0829177
Stddev	.002161	.0000515	.000124	.18137	.008794	.0006423
%RSD	.1827999	.6275232	.0110401	.2730686	.1203366	.7746198

#1	1.179770	.0082043	1.122651	66.23167	7.299687	.0823712
#2	1.183312	.0081567	1.122746	66.59327	7.317258	.0827568
#3	1.183685	.0082596	1.122500	66.43748	7.307784	.0836252

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.507066	288.3669	1.778527	21.69693	F 9.806171	.0172032
Stddev	.020627	.5058	.003220	.06421	.005117	.0000973
%RSD	.4576520	.1754040	.1810281	.2959413	.0521860	.5653239

#1	4.488110	288.4573	1.774882	21.71574	9.802820	.0171599
#2	4.529032	288.8213	1.779718	21.74963	9.812062	.0171352
#3	4.504058	287.8219	1.780982	21.62541	9.803632	.0173146

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.82333	.1387912	F 40.63040	8.128505	9.490143	.0985429
Stddev	.11455	.0012752	.13841	.015409	.012402	.0015551
%RSD	.7239494	.9188195	.3406614	.1895650	.1306779	1.578060

#1	15.71002	.1383720	40.78243	8.117464	9.493302	.0989098
#2	15.82089	.1402233	40.59707	8.121943	9.500660	.0998818
#3	15.93908	.1377784	40.51169	8.146109	9.476468	.0968372

Sample Name: L4870-04 Acquired: 12/04/2020 13:33:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315028	1.218408	4.183262	1.101831	.8977864	.1273153
Stddev	.0007338	.010215	.011389	.002484	.0017177	.0007855
%RSD	2.329488	.8383479	.2722452	.2254723	.1913289	.6169597

#1	.0318654	1.210412	4.170408	1.101079	.8959793	.1264131
#2	.0306582	1.214898	4.192095	1.104604	.8993981	.1278471
#3	.0319848	1.229915	4.187281	1.099809	.8979818	.1276856

Elem	Sr4077
Units	ppm
Avg	.2836646
Stddev	.0001096
%RSD	.0386325

#1	.2835822
#2	.2836226
#3	.2837890

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.694	30574.56	8076.574	949.3579	1587.004
Stddev	2.846	18.33	23.969	3.4754	.985
%RSD	.1696292	.0599432	.2967712	.3660750	.0620848

#1	1675.900	30553.40	8060.076	945.3667	1586.386
#2	1680.975	30585.52	8065.577	951.7149	1586.485
#3	1676.207	30584.76	8104.068	950.9922	1588.140

Sample Name: L4823-13LX5 Acquired: 12/04/2020 13:37:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6708708	.0258482	.1435264	.0269012	.1476048	.2723045	-.000977
Stddev	.0035043	.0006603	.0017145	.0071011	.0047732	.0028646	.000090
%RSD	.5223557	2.554680	1.194553	26.39693	3.233782	1.051991	9.235096

#1	.6671231	.0263496	.1417577	.0292558	.1443782	.2738106	-.000874
#2	.6740661	.0251000	.1436404	.0189219	.1530879	.2741019	-.001040
#3	.6714234	.0260950	.1451810	.0325259	.1453483	.2690010	-.001018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134480	.0273479	116.4489	.0689890	.0944083	4.323957	18.16550
Stddev	.0000821	.0001115	.1864	.0002188	.0003641	.009337	.09855
%RSD	.6102381	.4076910	.1600744	.3171052	.3857051	.2159379	.5425167

#1	.0134195	.0274711	116.6112	.0692344	.0947758	4.332680	18.16371
#2	.0133840	.0272541	116.2453	.0689184	.0940476	4.325082	18.26493
#3	.0135405	.0273184	116.4901	.0688143	.0944016	4.314108	18.06785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1493736	71.73883	.0397633	.0147741	-.299337	.0464480	.1204767
Stddev	.0006729	.15182	.0007160	.0003350	.089051	.0020435	.0023182
%RSD	.4504473	.2116244	1.800772	2.267765	29.74924	4.399523	1.924181

#1	.1490264	71.71126	.0405561	.0143872	-.392186	.0467091	.1229940
#2	.1501491	71.90255	.0395703	.0149630	-.214646	.0483484	.1184298
#3	.1489453	71.60269	.0391635	.0149720	-.291180	.0442865	.1200064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.200406	.0449442	-.005450	.0329307	.1790093	.6877594	-.002773
Stddev	.047678	.0017045	.000428	.0009370	.0046506	.0096734	.001596
%RSD	23.79055	3.792569	7.844736	2.845378	2.597962	1.406502	57.54195

#1	-.163204	.0469120	-.005929	.0334639	.1832782	.6813616	-.001246
#2	-.254152	.0439960	-.005317	.0334795	.1796961	.6830290	-.002643
#3	-.183862	.0439246	-.005105	.0318488	.1740534	.6988877	-.004430

Sample Name: L4823-13LX5 Acquired: 12/04/2020 13:37:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097684	-.000757	.0378809
Stddev	.0004651	.002206	.0000147
%RSD	4.761462	291.3679	.0387626

#1	.0100523	-.002094	.0378713
#2	.0100214	.001789	.0378978
#3	.0092317	-.001966	.0378737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.122	25047.13	6590.946	805.4640	1586.167
Stddev	2.986	57.43	16.277	4.1446	6.180
%RSD	.2126570	.2292901	.2469527	.5145651	.3896025

#1	1401.536	25111.63	6572.344	801.1653	1580.090
#2	1403.440	25028.20	6602.573	809.4352	1585.965
#3	1407.390	25001.55	6597.920	805.7916	1592.445

Sample Name: L4870-05 Acquired: 12/04/2020 13:46:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1394934	.0116003	6.150518	.0111773	-.004283	54.79663
Stddev	.0060402	.0060838	.003320	.0021905	.003356	.13999
%RSD	4.330132	52.44507	.0539846	19.59828	78.35582	.2554751

#1	.1331679	.0164529	6.153551	.0136652	-.005259	54.95664
#2	.1401114	.0047749	6.146970	.0103283	-.000547	54.73651
#3	.1452009	.0135732	6.151032	.0095383	-.007044	54.69674

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.193889	.0061431	.5402402	72.11547	22.18886	.0616194
Stddev	.003536	.0001891	.0004451	.20681	.03801	.0003093
%RSD	.2961824	3.078441	.0823907	.2867715	.1712987	.5019605

#1	1.191436	.0062997	.5400042	72.12682	22.14717	.0615528
#2	1.197942	.0061965	.5407536	72.31637	22.19785	.0619567
#3	1.192288	.0059330	.5399628	71.90323	22.22158	.0613489

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.601764	223.8883	1.707386	30.62764	F 6.733956	.0318119
Stddev	.022930	.9010	.008455	.22836	.009555	.0003745
%RSD	.4982865	.4024316	.4952249	.7455894	.1418946	1.177179

#1	4.608161	224.9176	1.710659	30.88176	6.741113	.0322430
#2	4.620815	223.2425	1.713715	30.43963	6.737650	.0315672
#3	4.576314	223.5047	1.697783	30.56152	6.723106	.0316254

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.84275	.1504702	17.06706	8.322562	F 40.65355	.1200527
Stddev	.26016	.0006465	.15040	.069766	.12657	.0024875
%RSD	1.544665	.4296190	.8812227	.8382804	.3113459	2.071974

#1	16.65777	.1507009	17.05053	8.325876	40.75777	.1207214
#2	16.73025	.1509696	17.22504	8.390612	40.69017	.1172992
#3	17.14024	.1497400	16.92561	8.251197	40.51270	.1221375

Sample Name: L4870-05 Acquired: 12/04/2020 13:46:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN02 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2193668	2.262926	2.491568	2.093795	.7785555	.0753225
Stddev	.0014264	.001619	.008776	.005092	.0018756	.0003091
%RSD	.6502272	.0715510	.3522450	.2431810	.2409108	.4103618

#1	.2177382	2.264795	2.501432	2.097751	.7789940	.0752896
#2	.2203940	2.262040	2.488650	2.088050	.7764995	.0756467
#3	.2199683	2.261943	2.484622	2.095583	.7801730	.0750312

Elem	Sr4077
Units	ppm
Avg	.1911836
Stddev	.0002216
%RSD	.1159035

#1	.1914223
#2	.1911441
#3	.1909844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.234	27947.76	7477.290	814.6240	1603.123
Stddev	1.916	58.88	40.378	8.8577	1.997
%RSD	.1292550	.2106843	.5400089	1.087340	.1245859

#1	1484.326	28002.51	7447.101	815.3250	1601.029
#2	1481.814	27885.47	7461.612	805.4366	1603.336
#3	1480.564	27955.30	7523.155	823.1105	1605.006

Sample Name: L4870-06 Acquired: 12/04/2020 13:50:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN02D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1336274	.0105401	5.217869	.0035298	-.004467	54.52070
Stddev	.0063143	.0032378	.011208	.0042269	.004242	.15811
%RSD	4.725329	30.71936	.2148074	119.7487	94.94656	.2899923

#1	.1264395	.0125416	5.215492	-.001026	-.009049	54.36635
#2	.1382804	.0068045	5.208040	.004291	-.000677	54.51343
#3	.1361624	.0122740	5.230075	.007325	-.003677	54.68232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.096680	.0059971	.5107681	69.31539	21.08587	.0592431
Stddev	.002771	.0000419	.0003975	.15216	.04107	.0006771
%RSD	.2526911	.6992672	.0778259	.2195166	.1947931	1.142931

#1	1.093587	.0059591	.5103095	69.16670	21.12884	.0598537
#2	1.097517	.0059900	.5110147	69.30867	21.08175	.0593607
#3	1.098937	.0060421	.5109800	69.47080	21.04700	.0585149

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.452269	216.6107	1.647160	29.86606	F 6.543515	.0306491
Stddev	.012246	1.1201	.004257	.23005	.013754	.0005106
%RSD	.2750445	.5170907	.2584543	.7702604	.2101855	1.665809

#1	4.440728	216.2077	1.646632	29.86766	6.554634	.0312186
#2	4.450964	215.7479	1.643191	29.63522	6.547775	.0304961
#3	4.465115	217.8765	1.651656	30.09531	6.528135	.0302325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.36642	.1446039	16.28355	8.307613	F 38.32054	.1155730
Stddev	.13891	.0021620	.08712	.069218	.08135	.0016469
%RSD	.8487691	1.495086	.5350206	.8331891	.2122886	1.424971

#1	16.27150	.1421404	16.33327	8.386924	38.37239	.1163629
#2	16.30189	.1454858	16.18295	8.259390	38.36245	.1136799
#3	16.52586	.1461855	16.33442	8.276523	38.22678	.1166761

Sample Name: L4870-06 Acquired: 12/04/2020 13:50:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN02D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2202140	2.069195	2.379456	1.883064	.7548291	.0761572
Stddev	.0012247	.004353	.023828	.005075	.0054429	.0004961
%RSD	.5561168	.2103951	1.001387	.2694976	.7210730	.6514492

#1	.2190090	2.073461	2.378874	1.877598	.7485538	.0756067
#2	.2201757	2.069366	2.355926	1.887627	.7576656	.0762953
#3	.2214574	2.064759	2.403570	1.883966	.7582678	.0765697

Elem	Sr4077
Units	ppm
Avg	.1818191
Stddev	.0002221
%RSD	.1221780

#1	.1815894
#2	.1818349
#3	.1820329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.110	27998.17	7439.474	817.9303	1608.387
Stddev	3.691	95.89	48.329	5.3951	1.340
%RSD	.2483329	.3424995	.6496245	.6596078	.0833177

#1	1488.864	27902.41	7419.512	812.7308	1607.650
#2	1487.550	27997.89	7494.586	823.5018	1607.578
#3	1481.917	28094.20	7404.324	817.5581	1609.934

Sample Name: CCV080 Acquired: 12/04/2020 13:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.299664	4.947891	25.55145	5.425533	5.144597	424.1094	10.52176
Stddev	.013937	.020058	.04880	.011644	.003921	.5248	.00365
%RSD	.2629873	.4053833	.1909694	.2146062	.0762172	.1237375	.0347075

#1	5.297757	4.959264	25.52760	5.413256	5.143957	424.7130	10.52264
#2	5.286777	4.924731	25.51917	5.426925	5.148799	423.8535	10.52490
#3	5.314456	4.959678	25.60758	5.436418	5.141036	423.7617	10.51775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5206078	2.550859	401.0479	15.40235	2.575091	15.40787	432.4472
Stddev	.0012843	.006931	.9698	.01465	.009138	.02001	1.0792
%RSD	.2467009	.2717164	.2418124	.0950837	.3548503	.1298942	.2495508

#1	.5196612	2.551476	399.9801	15.39023	2.572494	15.41773	432.5628
#2	.5200925	2.543640	401.2898	15.39821	2.567533	15.38484	431.3149
#3	.5220698	2.557461	401.8739	15.41862	2.585246	15.42104	433.4639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01803	426.8805	2.484124	1.301025	418.5220	2.652378	16.33846
Stddev	.02650	.8651	.004688	.005310	1.4643	.010725	.03934
%RSD	.1764506	.2026510	.1887247	.4081118	.3498675	.4043387	.2407988

#1	14.98817	426.3526	2.481895	1.306457	417.2870	2.647083	16.35928
#2	15.03874	426.4099	2.480967	1.300770	418.1395	2.645331	16.36301
#3	15.02717	427.8788	2.489511	1.295847	420.1396	2.664720	16.29308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.5123	5.163672	5.222183	5.161072	5.447640	5.156704	5.126497
Stddev	.3223	.007999	.018394	.010493	.010835	.012092	.022401
%RSD	.2046387	.1549012	.3522319	.2033117	.1989023	.2344985	.4369571

#1	157.4356	5.165195	5.223010	5.157146	5.441942	5.146879	5.122849
#2	157.2352	5.155022	5.203390	5.153108	5.440842	5.153023	5.106145
#3	157.8661	5.170800	5.240150	5.172962	5.460135	5.170209	5.150498

Sample Name: CCV080 Acquired: 12/04/2020 13:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.304479	5.326890	5.390195
Stddev	.009279	.013789	.025322
%RSD	.1749247	.2588471	.4697708

#1	5.295861	5.313770	5.377770
#2	5.303274	5.325638	5.373487
#3	5.314301	5.341262	5.419329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.906	23256.49	6312.410	686.9275	1315.130
Stddev	2.419	74.99	8.388	2.8280	4.606
%RSD	.1973482	.3224548	.1328838	.4116887	.3502692

#1	1224.722	23318.53	6320.041	686.3890	1312.463
#2	1228.689	23173.15	6303.428	684.4075	1320.449
#3	1224.306	23277.79	6313.761	689.9860	1312.478

Sample Name: CCB080 Acquired: 12/04/2020 13:58:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041087	.0072814	.0004346	-.002998	.0009639	-.001816	-.003594
Stddev	.0035131	.0023142	.0015865	.000838	.0013436	.009769	.000303
%RSD	85.50386	31.78189	365.0246	27.94727	139.3946	538.0444	8.418132

#1	.0042730	.0086772	-.001197	-.002058	.0021180	.000039	-.003899
#2	.0075368	.0046102	.000529	-.003272	.0012847	-.012379	-.003592
#3	.0005164	.0085570	.001972	-.003665	-.000511	.006893	-.003293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001859	.0001230	.0118458	-.000032	.0005720	-.000710	.0038212
Stddev	.0000219	.0000561	.0048769	.000378	.0003982	.000506	.0173100
%RSD	11.79662	45.62859	41.16953	1180.108	69.61176	71.21059	452.9957

#1	.0001606	.0001169	.0174207	-.000465	.0010155	-.000259	.0115931
#2	.0001997	.0001819	.0083698	.000136	.0002453	-.000614	-.016013
#3	.0001974	.0000702	.0097469	.000233	.0004552	-.001257	.015883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005471	-.009455	.0005723	.0004296	-.302641	.0002398	.0003736
Stddev	.0002236	.028250	.0004185	.0003485	.184660	.0010849	.0002874
%RSD	40.87733	298.7661	73.12083	81.12460	61.01610	452.3724	76.91474

#1	.0007743	.002463	.0000893	.0006393	-.356761	-.000330	.0006957
#2	.0005397	-.041711	.0008245	.0006223	-.096968	.001491	.0002821
#3	.0003272	.010882	.0008033	.0000273	-.454193	-.000441	.0001432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025700	.0041953	.0052256	.0004154	-.001194	.0015682	-.004808
Stddev	.073905	.0019152	.0000532	.0002450	.006540	.0007211	.000613
%RSD	287.5664	45.65038	1.018124	58.98318	547.8788	45.98217	12.75882

#1	-.101270	.0048782	.0052794	.0006190	.002760	.0023606	-.004370
#2	.046418	.0056754	.0051730	.0001435	.002402	.0009506	-.004545
#3	-.022248	.0020323	.0052243	.0004837	-.008743	.0013934	-.005509

Sample Name: CCB080 Acquired: 12/04/2020 13:58:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000695	-.002531	-.000006
Stddev	.0005818	.000504	.000036
%RSD	836.6603	19.92176	586.6102

#1	.0006810	-.002316	.000031
#2	-.000477	-.002171	-.000008
#3	.000005	-.003108	-.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1441.906	25337.45	6574.694	825.8602	1668.922
Stddev	3.787	118.73	32.204	4.7624	4.882
%RSD	.2626297	.4685886	.4898138	.5766616	.2925245

#1	1437.592	25234.29	6571.288	821.9256	1663.625
#2	1444.685	25310.83	6544.329	824.5003	1673.241
#3	1443.440	25467.23	6608.466	831.1546	1669.900

Sample Name: L4870-07 Acquired: 12/04/2020 14:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN02S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2146660	.1140705	3.983963	.1022943	.0797101	55.57341
Stddev	.0047675	.0011655	.012610	.0004754	.0014370	.19936
%RSD	2.220870	1.021703	.3165149	.4647431	1.802725	.3587249

#1	.2095675	.1131758	3.972915	.1026157	.0803625	55.62416
#2	.2154174	.1136471	3.981275	.1025189	.0780626	55.35359
#3	.2190132	.1153884	3.997701	.1017482	.0807051	55.74249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.068286	.0992195	.6231479	71.82062	22.33077	1.102791
Stddev	.008621	.0005202	.0006626	.09336	.03856	.002536
%RSD	.1700999	.5243391	.1063237	.1299940	.1726692	.2299219

#1	5.078125	.0989441	.6225983	71.82995	22.37440	1.100248
#2	5.062056	.0988950	.6229617	71.72293	22.30124	1.102807
#3	5.064676	.0998196	.6238836	71.90896	22.31669	1.105319

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.415094	223.6822	2.513156	30.39472	F 6.734684	.1207949
Stddev	.005906	1.0390	.003820	.15184	.022407	.0004424
%RSD	.1337782	.4644848	.1519869	.4995591	.3327156	.3662791

#1	4.419516	223.6664	2.515652	30.38064	6.713416	.1205925
#2	4.408386	222.6513	2.508758	30.25041	6.732557	.1204898
#3	4.417379	224.7291	2.515056	30.55311	6.758079	.1213023

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.94457	1.128956	17.28432	8.331372	F 40.13232	.1285209
Stddev	.15357	.010897	.11581	.054298	.02702	.0025009
%RSD	.9062976	.9652428	.6700517	.6517307	.0673163	1.945938

#1	16.95304	1.131675	17.38375	8.368123	40.14606	.1296965
#2	16.78694	1.116956	17.15716	8.269005	40.14970	.1256487
#3	17.09373	1.138236	17.31205	8.356989	40.10119	.1302174

Sample Name: L4870-07 Acquired: 12/04/2020 14:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN02S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2222954	2.139321	2.533630	2.302176	.7837358	.0712391
Stddev	.0005965	.002357	.021992	.001095	.0026449	.0004308
%RSD	.2683378	.1101948	.8680007	.0475712	.3374692	.6046935

#1	.2228622	2.140581	2.508468	2.300950	.7850707	.0714200
#2	.2216731	2.140780	2.549175	2.302518	.7806895	.0715499
#3	.2223509	2.136601	2.543248	2.303059	.7854473	.0707474

Elem	Sr4077
Units	ppm
Avg	.1921614
Stddev	.0006407
%RSD	.3334157

#1	.1928828
#2	.1916588
#3	.1919424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.468	27639.31	7372.602	802.0097	1605.873
Stddev	3.210	94.14	17.156	4.1392	.907
%RSD	.2194829	.3406101	.2326963	.5161061	.0565052

#1	1458.774	27556.22	7376.644	798.1486	1606.822
#2	1464.576	27741.56	7387.376	806.3800	1605.014
#3	1464.054	27620.17	7353.786	801.5006	1605.782

Sample Name: L4870-05LX5 Acquired: 12/04/2020 14:06:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN02L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256539	.0071829	1.106029	.0068552	-.000678	11.27517	.2335912
Stddev	.0020170	.0023624	.001926	.0025807	.000911	.03779	.0011725
%RSD	7.862554	32.88884	.1741266	37.64592	134.3555	.3352039	.5019383

#1	.0233437	.0066079	1.103930	.0048592	.000364	11.25624	.2325505
#2	.0270651	.0097796	1.106442	.0097694	-.001077	11.25059	.2333615
#3	.0265530	.0051611	1.107715	.0059368	-.001321	11.31869	.2348615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014603	.1022650	14.81737	4.424935	.0113102	.9409643	46.51536
Stddev	.0001382	.0000855	.04934	.013885	.0001628	.0049788	.08629
%RSD	9.460711	.0835732	.3329992	.3137935	1.439479	.5291157	.1855080

#1	.0014337	.1022370	14.78463	4.427710	.0114638	.9353242	46.41993
#2	.0013375	.1021971	14.79336	4.409872	.0111395	.9447487	46.53827
#3	.0016099	.1023610	14.87412	4.437223	.0113272	.9428199	46.58788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3526366	6.342066	1.282971	.0069082	3.111983	.0318072	3.213765
Stddev	.0016443	.007572	.001715	.0005938	.023588	.0019251	.001663
%RSD	.4662884	.1193915	.1337077	8.595939	.7579714	6.052391	.0517512

#1	.3509694	6.335234	1.284824	.0075369	3.091681	.0300794	3.215349
#2	.3542570	6.340756	1.282651	.0068308	3.106409	.0314600	3.212032
#3	.3526834	6.350207	1.281438	.0063569	3.137858	.0338823	3.213915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.611491	7.751144	.0220730	.0431978	.4103027	.5215814	.3774782
Stddev	.018651	.015802	.0005459	.0006267	.0073871	.0024493	.0018741
%RSD	1.157382	.2038615	2.473059	1.450760	1.800394	.4695813	.4964776

#1	1.614564	7.745610	.0216503	.0425372	.4102121	.5188817	.3753246
#2	1.628415	7.738854	.0218794	.0432725	.4029614	.5222014	.3787394
#3	1.591495	7.768969	.0226893	.0437839	.4177347	.5236610	.3783704

Sample Name: L4870-05LX5 Acquired: 12/04/2020 14:06:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFN02L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1595404	.0128884	.0390423
Stddev	.0016034	.0018130	.0000861
%RSD	1.004993	14.06667	.2205161

#1	.1577546	.0141006	.0389853
#2	.1600102	.0137604	.0390003
#3	.1608564	.0108042	.0391413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.731	25989.79	6823.308	825.1903	1677.861
Stddev	3.156	65.59	25.200	4.4726	1.054
%RSD	.2151889	.2523846	.3693275	.5420116	.0628100

#1	1464.310	25918.36	6803.974	822.2167	1678.423
#2	1465.582	26047.33	6814.143	823.0202	1676.645
#3	1470.301	26003.68	6851.809	830.3339	1678.515

Sample Name: L4870-08 Acquired: 12/04/2020 14:10:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393142	.0142301	4.069678	.0087007	-.002839	55.93219
Stddev	.0060371	.0041264	.005428	.0026836	.003532	.12206
%RSD	4.333461	28.99781	.1333741	30.84379	124.3976	.2182277

#1	.1327459	.0121832	4.067375	.0076943	-.003268	55.86220
#2	.1405760	.0115273	4.075877	.0066658	-.006138	55.86124
#3	.1446206	.0189798	4.065781	.0117421	.000887	56.07313

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.081406	.0059512	.5091453	71.42507	20.96614	.0617781
Stddev	.003068	.0001059	.0002100	.01132	.03270	.0006427
%RSD	.2836666	1.780152	.0412386	.0158552	.1559872	1.040330

#1	1.078177	.0058574	.5089490	71.43244	20.92879	.0619206
#2	1.084282	.0059300	.5091202	71.43074	20.98000	.0610761
#3	1.081760	.0060661	.5093667	71.41203	20.98964	.0623375

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.381366	222.6245	1.896138	30.50513	F 6.918469	.0300230
Stddev	.009483	.7463	.002827	.12080	.014361	.0000711
%RSD	.2164440	.3352249	.1490909	.3960014	.2075792	.2368031

#1	4.370533	222.6084	1.892885	30.56682	6.932912	.0300698
#2	4.388166	221.8864	1.898000	30.36595	6.904191	.0300579
#3	4.385397	223.3787	1.897530	30.58264	6.918305	.0299412

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.64310	.1514416	15.51242	8.724342	F 39.27267	.1182929
Stddev	.27314	.0020322	.05970	.021419	.10824	.0025100
%RSD	1.641161	1.341914	.3848282	.2455113	.2756230	2.121832

#1	16.34629	.1531445	15.49537	8.746455	39.37890	.1156025
#2	16.88388	.1491919	15.57879	8.703692	39.16252	.1205715
#3	16.69913	.1519883	15.46311	8.722878	39.27660	.1187046

Sample Name: L4870-08 Acquired: 12/04/2020 14:10:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN03 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2120973	2.050423	2.636895	2.106142	.8062368	.0780912
Stddev	.0004718	.014927	.025880	.012499	.0008636	.0010298
%RSD	.2224515	.7280078	.9814478	.5934367	.1071216	1.318663
#1	.2121571	2.061650	2.652115	2.091723	.8052935	.0769991
#2	.2125363	2.033482	2.607014	2.112820	.8069887	.0790445
#3	.2115984	2.056135	2.651557	2.113882	.8064283	.0782301

Elem	Sr4077
Units	ppm
Avg	.1843632
Stddev	.0004341
%RSD	.2354575
#1	.1842871
#2	.1839721
#3	.1848303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.632	28146.20	7450.680	820.6903	1606.906
Stddev	3.876	62.44	42.302	.6163	1.012
%RSD	.2610715	.2218510	.5677555	.0750895	.0629762
#1	1489.041	28217.62	7427.517	820.0042	1607.736
#2	1483.090	28101.93	7499.504	820.8699	1605.779
#3	1481.764	28119.04	7425.017	821.1968	1607.202

Sample Name: L4870-09 Acquired: 12/04/2020 14:14:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279096	.0058566	3.444679	.0080707	-.002723	71.63506	2.247719
Stddev	.0023234	.0013786	.004685	.0016399	.001844	.17846	.004904
%RSD	8.324875	23.53885	.1359977	20.31848	67.70668	.2491235	.2181767

#1	.0263570	.0061368	3.447339	.0082988	-.004553	71.83286	2.253381
#2	.0305808	.0070736	3.439270	.0063288	-.002751	71.58621	2.244943
#3	.0267911	.0043595	3.447428	.0095846	-.000866	71.48611	2.244832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073379	.0618637	219.4794	.2409632	.0623240	.3887887	171.0755
Stddev	.0000574	.0002241	.4441	.0018087	.0004591	.0022594	.4162
%RSD	.7819238	.3622890	.2023256	.7506254	.7366444	.5811325	.2432731

#1	.0072744	.0619726	219.8219	.2389185	.0622917	.3880189	171.5545
#2	.0073860	.0620127	218.9777	.2423542	.0618819	.3870148	170.8023
#3	.0073532	.0616060	219.6387	.2416168	.0627984	.3913324	170.8697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.195757	62.01011	.3220365	.0141397	25.08403	.1216810	22.23291
Stddev	.007127	.15993	.0002288	.0003959	.13861	.0014882	.12678
%RSD	.1698540	.2579140	.0710604	2.800167	.5525766	1.223009	.5702232

#1	4.200755	62.17867	.3218867	.0139069	25.19433	.1224945	22.35117
#2	4.187596	61.86049	.3219229	.0139154	25.12932	.1225851	22.24851
#3	4.198920	61.99118	.3222999	.0145969	24.92845	.1199634	22.09906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.256608	6.331031	.0211858	.0037805	1.636513	4.565438	.2580221
Stddev	.095805	.003918	.0017506	.0001239	.014921	.011281	.0022656
%RSD	1.160341	.0618890	8.262828	3.276345	.9117396	.2470959	.8780580

#1	8.266743	6.333214	.0229406	.0038880	1.640486	4.556196	.2563796
#2	8.156138	6.333372	.0211774	.0038084	1.649044	4.562110	.2570801
#3	8.346942	6.326508	.0194395	.0036451	1.620007	4.578009	.2606068

Sample Name: L4870-09 Acquired: 12/04/2020 14:14:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFN04 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8769772	.1110920	.4950271
Stddev	.0017347	.0008190	.0014436
%RSD	.1978002	.7372711	.2916215

#1	.8786859	.1120209	.4966594
#2	.8770279	.1104734	.4945036
#3	.8752177	.1107818	.4939183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.999	28630.40	7644.914	912.6891	1525.297
Stddev	1.340	43.07	42.331	4.3868	1.719
%RSD	.0837567	.1504458	.5537209	.4806433	.1126824

#1	1598.646	28660.80	7619.944	907.6278	1524.995
#2	1601.326	28581.11	7693.791	915.0440	1523.750
#3	1600.027	28649.29	7621.008	915.3957	1527.147

Sample Name: L4870-10 Acquired: 12/04/2020 14:18:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383777	.0028761	5.022863	.0033843	-.005728	151.8249
Stddev	.0014581	.0041213	.024006	.0029108	.004005	.6069
%RSD	3.799428	143.2957	.4779273	86.00715	69.92115	.3997084

#1	.0391373	.0009910	5.008365	.0000305	-.008783	151.4676
#2	.0392993	.0000345	5.009652	.0048707	-.007206	152.5256
#3	.0366966	.0076029	5.050573	.0052518	-.001194	151.4816

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.395222	.0176672	.3967820	203.6441	.2859268	.1572849
Stddev	.002103	.0001393	.0015694	.0269	.0006088	.0007693
%RSD	.0877985	.7886965	.3955235	.0131954	.2129321	.4891338

#1	2.395729	.0175862	.3957704	203.6736	.2854491	.1565056
#2	2.392912	.0178281	.3959856	203.6209	.2866124	.1573053
#3	2.397025	.0175872	.3985899	203.6378	.2857191	.1580439

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.920535	151.2326	4.435020	28.03854	2.875096	.0387800
Stddev	.007456	1.3109	.011832	.23991	.007447	.0000990
%RSD	.2553049	.8668325	.2667931	.8556476	.2590028	.2553953

#1	2.915492	150.4801	4.433542	27.84833	2.871037	.0386712
#2	2.929100	152.7463	4.423997	28.30807	2.870561	.0388037
#3	2.917014	150.4714	4.447522	27.95923	2.883690	.0388650

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	186.6246	.1504304	F 34.13088	9.228350	6.755299	.0793863
Stddev	1.0101	.0006211	.13839	.037952	.031676	.0046562
%RSD	.5412386	.4128785	.4054635	.4112597	.4689111	5.865201

#1	186.1404	.1497629	34.04952	9.204819	6.741642	.0744766
#2	187.7856	.1505368	34.29067	9.272133	6.732742	.0837388
#3	185.9477	.1509914	34.05246	9.208099	6.791513	.0799435

Sample Name: L4870-10 Acquired: 12/04/2020 14:18:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN05 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049592	5.540847	2.594144	.1805638	5.113778	.2909021
Stddev	.0004407	.011601	.011853	.0050263	.025895	.0011800
%RSD	.4198834	.2093718	.4569173	2.783671	.5063761	.4056435

#1	.1044701	5.540534	2.590687	.1784921	5.106350	.2895395
#2	.1050822	5.529407	2.607341	.1769044	5.142575	.2915830
#3	.1053254	5.552602	2.584404	.1862948	5.092408	.2915839

Elem	Sr4077
Units	ppm
Avg	1.809393
Stddev	.005610
%RSD	.3100375

#1	1.807322
#2	1.815743
#3	1.805112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.493	31289.42	8505.732	996.8217	1472.175
Stddev	4.741	49.28	37.721	.8404	5.579
%RSD	.2696106	.1575011	.4434752	.0843035	.3789841

#1	1762.747	31236.21	8526.592	995.8791	1475.402
#2	1759.350	31298.53	8462.189	997.4923	1475.390
#3	1753.382	31333.50	8528.416	997.0938	1465.732

Sample Name: L4870-11 Acquired: 12/04/2020 14:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799834	.0053136	8.154074	.0120839	-.006556	64.57057
Stddev	.0053803	.0029294	.009963	.0015859	.001466	.25932
%RSD	6.726787	55.12969	.1221811	13.12370	22.36058	.4016049

#1	.0738469	.0023478	8.149170	.0115328	-.006976	64.28711
#2	.0822119	.0082051	8.147514	.0138719	-.007767	64.79587
#3	.0838914	.0053878	8.165538	.0108472	-.004926	64.62873

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.661493	.0050402	F 5.105840	319.3267	3.256654	.1451628
Stddev	.001977	.0001038	.007396	.1633	.003769	.0004652
%RSD	.0742827	2.059607	.1448630	.0511390	.1157373	.3204860

#1	2.663480	.0050270	5.105439	319.1721	3.252747	.1454094
#2	2.661471	.0049437	5.098652	319.4975	3.256946	.1454529
#3	2.659527	.0051500	5.113429	319.3106	3.260269	.1446262

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.876623	152.1670	3.612052	102.4800	F 15.02523	.0152019
Stddev	.002797	.8280	.003371	.6415	.01083	.0002861
%RSD	.0406774	.5441205	.0933193	.6260070	.0720487	1.882352

#1	6.878804	151.2923	3.608740	101.7587	15.03756	.0148922
#2	6.877595	152.9387	3.615479	102.9870	15.02081	.0152570
#3	6.873469	152.2700	3.611937	102.6941	15.01731	.0154565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.207838	.2095485	26.28585	7.147644	F 10.42913	-.010921
Stddev	.289371	.0050635	.07077	.029662	.03183	.002139
%RSD	6.876951	2.416389	.2692169	.4149906	.3052473	19.58801

#1	3.886340	.2038358	26.20417	7.134317	10.39732	-.012855
#2	4.447422	.2134832	26.32455	7.181631	10.42908	-.008623
#3	4.289751	.2113264	26.32883	7.126982	10.46099	-.011285

Sample Name: L4870-11 Acquired: 12/04/2020 14:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN06 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.071630	4.496895	4.012477	.1941099	.7736415	.0867943
Stddev	.000817	.037673	.015337	.0030436	.0031564	.0007782
%RSD	.0762362	.8377476	.3822265	1.567958	.4079913	.8966313

#1	1.071653	4.475231	3.996952	.1952662	.7735853	.0876668
#2	1.070801	4.475058	4.027618	.1964059	.7768256	.0865445
#3	1.072435	4.540395	4.012862	.1906577	.7705135	.0861717

Elem	Sr4077
Units	ppm
Avg	.5719363
Stddev	.0014496
%RSD	.2534484

#1	.5706368
#2	.5734997
#3	.5716725

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.031	28225.04	7568.907	884.2791	1501.773
Stddev	1.356	63.56	41.452	2.9189	1.186
%RSD	.0879734	.2251859	.5476592	.3300864	.0789661

#1	1541.032	28298.42	7616.673	887.5542	1500.416
#2	1542.386	28189.07	7547.695	883.3308	1502.612
#3	1539.675	28187.61	7542.355	881.9522	1502.291

Sample Name: L4870-13 Acquired: 12/04/2020 14:26:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535102	.0023238	.9874106	.0032444	-.000280	56.62575
Stddev	.0044007	.0013807	.0065113	.0025692	.002882	.09966
%RSD	8.224045	59.41433	.6594273	79.18856	1028.659	.1760036

#1	.0494585	.0024125	.9932061	.0003505	-.003265	56.74083
#2	.0528802	.0036580	.9886608	.0041260	.002487	56.56847
#3	.0581920	.0009009	.9803649	.0052568	-.000062	56.56795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6234721	.0045192	1.185446	350.4993	1.229876	.0645271
Stddev	.0013682	.0000614	.000861	.5044	.001885	.0002523
%RSD	.2194418	1.358846	.0726009	.1439209	.1533039	.3910268

#1	.6238550	.0045902	1.186365	350.2980	1.227895	.0648180
#2	.6219533	.0044842	1.184659	350.1266	1.230083	.0643965
#3	.6246080	.0044834	1.185314	351.0733	1.231649	.0643669

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.399806	127.7409	5.115219	63.84269	F 5.093169	.0021322
Stddev	.003278	.5989	.009730	.13464	.017065	.0000801
%RSD	.2341658	.4688391	.1902255	.2108950	.3350479	3.757260

#1	1.403290	128.1457	5.110325	63.88555	5.081079	.0020509
#2	1.399343	128.0241	5.108907	63.95069	5.085738	.0021346
#3	1.396784	127.0529	5.126425	63.69184	5.112689	.0022111

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.127905	.1303842	5.933282	9.750838	7.763000	.0670840
Stddev	.081496	.0020447	.066467	.023237	.030824	.0028502
%RSD	1.589272	1.568243	1.120244	.2383079	.3970628	4.248731

#1	5.033850	.1284543	5.984604	9.727756	7.755415	.0670618
#2	5.172319	.1301713	5.957041	9.774226	7.736677	.0699452
#3	5.177548	.1325271	5.858200	9.750533	7.796908	.0642449

Sample Name: L4870-13 Acquired: 12/04/2020 14:26:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN08 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026748	1.354829	2.287980	.0362663	.6474243	.1117515
Stddev	.0006523	.013147	.009757	.0020347	.0029174	.0005941
%RSD	24.38820	.9704108	.4264319	5.610465	.4506221	.5316334

#1	.0032883	1.357590	2.276785	.0348772	.6505561	.1122531
#2	.0027467	1.340520	2.292480	.0386019	.6447835	.1110954
#3	.0019895	1.366376	2.294674	.0353199	.6469333	.1119059

Elem	Sr4077
Units	ppm
Avg	.7464807
Stddev	.0017500
%RSD	.2344304

#1	.7482849
#2	.7463668
#3	.7447905

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.545	28839.17	7738.812	907.8715	1502.397
Stddev	1.205	54.19	9.692	3.1433	1.140
%RSD	.0756857	.1879160	.1252417	.3462233	.0759045

#1	1592.337	28783.32	7748.244	904.5319	1501.463
#2	1593.840	28891.54	7739.313	908.3101	1503.668
#3	1591.457	28842.64	7728.879	910.7724	1502.061

Sample Name: L4870-14 Acquired: 12/04/2020 14:29:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0601277	.0040050	3.207277	.0021824	-.003064	56.22531
Stddev	.0043118	.0034699	.008655	.0045310	.001565	.11113
%RSD	7.171035	86.64147	.2698571	207.6141	51.06844	.1976506

#1	.0650803	.0030578	3.216034	.0073650	-.004000	56.16948
#2	.0580929	.0078501	3.207069	.0002123	-.003935	56.35329
#3	.0572098	.0011069	3.198727	-.001030	-.001258	56.15317

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.893721	.0046754	2.323481	113.8061	2.059835	.1106513
Stddev	.000430	.0000904	.002569	.3305	.001408	.0001497
%RSD	.0227259	1.933095	.1105787	.2904279	.0683610	.1352818

#1	1.894213	.0046331	2.324798	114.0771	2.058426	.1107614
#2	1.893536	.0047792	2.320520	113.9032	2.059838	.1107116
#3	1.893414	.0046139	2.325125	113.4378	2.061242	.1104808

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.516309	144.4329	4.776186	37.92868	F 10.79014	.0027374
Stddev	.002147	.4223	.018187	.23835	.01039	.0002107
%RSD	.1416223	.2924004	.3807930	.6284090	.0962631	7.698441

#1	1.514794	143.9936	4.796474	37.90517	10.78197	.0025216
#2	1.518766	144.8359	4.770742	38.17791	10.78663	.0027481
#3	1.515366	144.4691	4.761343	37.70296	10.80183	.0029426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.820396	.1161247	10.36778	6.726761	7.874957	.0211239
Stddev	.095548	.0015475	.01840	.100971	.014713	.0016987
%RSD	1.982165	1.332609	.1775036	1.501035	.1868359	8.041542

#1	4.852219	.1157093	10.35717	6.720835	7.857981	.0202748
#2	4.712997	.1148274	10.38903	6.830565	7.882860	.0200172
#3	4.895971	.1178376	10.35715	6.628884	7.884031	.0230797

Sample Name: L4870-14 Acquired: 12/04/2020 14:29:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN09 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086295	2.210303	2.448944	.0944226	.5215819	.0887233
Stddev	.0010546	.008979	.006176	.0014110	.0007502	.0007579
%RSD	12.22113	.4062432	.2521779	1.494387	.1438300	.8542188

#1	.0077539	2.200201	2.454276	.0955558	.5208621	.0887372
#2	.0098002	2.213334	2.450377	.0948700	.5223591	.0894741
#3	.0083342	2.217376	2.442177	.0928422	.5215244	.0879585

Elem	Sr4077
Units	ppm
Avg	.3278389
Stddev	.0003027
%RSD	.0923320

#1	.3275491
#2	.3281530
#3	.3278145

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.555	28637.46	7650.948	909.0883	1595.168
Stddev	6.872	51.92	39.441	6.5768	3.709
%RSD	.4309678	.1813139	.5155015	.7234474	.2325218

#1	1587.450	28591.30	7631.454	903.4158	1591.286
#2	1601.168	28627.40	7625.049	907.5517	1598.676
#3	1595.048	28693.68	7696.340	916.2973	1595.542

Sample Name: L4870-15 Acquired: 12/04/2020 14:33:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531253	.0034528	1.082937	.0035035	-.002356	64.81585
Stddev	.0029616	.0028334	.001639	.0041537	.001550	.08229
%RSD	5.574678	82.06039	.1513383	118.5555	65.78410	.1269551

#1	.0521210	.0006456	1.083939	.0044733	-.003241	64.77505
#2	.0564584	.0034012	1.083827	.0070865	-.000567	64.76193
#3	.0507965	.0063117	1.081046	-.001049	-.003262	64.91056

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5508530	.0050501	.4411929	79.10564	.6759392	.0579317
Stddev	.0009682	.0002176	.0009469	.14220	.0022634	.0002905
%RSD	.1757668	4.308711	.2146207	.1797561	.3348548	.5014144

#1	.5500497	.0051824	.4409485	79.01400	.6743563	.0581600
#2	.5505811	.0047989	.4403922	79.03348	.6749296	.0576048
#3	.5519281	.0051688	.4422381	79.26945	.6785317	.0580303

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2686272	127.0222	3.832866	25.42541	1.124561	.0054051
Stddev	.0019339	.4431	.003164	.08936	.002833	.0002580
%RSD	.7198993	.3488306	.0825545	.3514452	.2519442	4.772553

#1	.2691494	127.1867	3.833553	25.50394	1.126863	.0051218
#2	.2664859	126.5204	3.829414	25.32818	1.121397	.0054668
#3	.2702463	127.3595	3.835630	25.44411	1.125424	.0056266

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.700157	.1412716	5.297819	8.621837	F 17.64139	.0374873
Stddev	.158403	.0017879	.026322	.060900	.04159	.0031112
%RSD	5.866453	1.265591	.4968475	.7063509	.2357329	8.299238

#1	2.852194	.1421465	5.295178	8.658987	17.68921	.0406923
#2	2.712202	.1424535	5.272917	8.551553	17.61368	.0344793
#3	2.536075	.1392147	5.325363	8.654970	17.62129	.0372904

Sample Name: L4870-15 Acquired: 12/04/2020 14:33:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN10 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125839	1.518515	2.797479	.0335280	.5798731	.1221695
Stddev	.0005615	.009313	.010396	.0034611	.0010399	.0006838
%RSD	4.461727	.6133095	.3716156	10.32294	.1793334	.5597210

#1	.0122436	1.518007	2.796400	.0360921	.5810558	.1218728
#2	.0122760	1.509466	2.787665	.0295911	.5791021	.1229516
#3	.0132319	1.528071	2.808372	.0349009	.5794613	.1216842

Elem	Sr4077
Units	ppm
Avg	.2664228
Stddev	.0003267
%RSD	.1226384

#1	.2660461
#2	.2666289
#3	.2665935

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.633	32067.60	8511.334	1020.149	1607.263
Stddev	6.400	131.03	23.466	3.518	5.533
%RSD	.3562226	.4086039	.2757055	.3448216	.3442618

#1	1791.247	32217.36	8490.629	1019.231	1602.150
#2	1803.708	32011.33	8536.824	1024.034	1613.137
#3	1794.944	31974.10	8506.549	1017.181	1606.501

Sample Name: L4870-16 Acquired: 12/04/2020 14:42:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469234	.0026713	1.775668	.0042685	-.000134	80.94858
Stddev	.0042342	.0030835	.001689	.0014762	.000468	.18080
%RSD	9.023604	115.4308	.0951131	34.58267	350.2758	.2233463

#1	.0501180	-.000888	1.777617	.0056419	-.000635	80.74648
#2	.0421208	.004523	1.774750	.0044562	-.000059	81.00434
#3	.0485314	.004380	1.774636	.0027075	.000293	81.09494

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5764943	.0064361	4.475150	137.6215	.7905199	.0648072
Stddev	.0013969	.0000346	.001325	.2416	.0017920	.0004274
%RSD	.2423105	.5381476	.0296028	.1755251	.2266799	.6594174

#1	.5749361	.0064685	4.475163	137.4094	.7894127	.0650810
#2	.5769125	.0064402	4.473818	137.5708	.7895596	.0650259
#3	.5776343	.0063996	4.476468	137.8844	.7925873	.0643148

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3713149	154.4756	4.381177	62.18161	2.477974	.0016492
Stddev	.0015960	.7688	.013105	.08437	.001386	.0001030
%RSD	.4298311	.4976848	.2991156	.1356862	.0559529	6.242005

#1	.3700455	153.9100	4.367143	62.14722	2.479565	.0016242
#2	.3707926	154.1659	4.383296	62.11987	2.477336	.0017624
#3	.3731067	155.3509	4.393094	62.27775	2.477021	.0015611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.195836	.2150403	3.697731	9.691599	F 10.81610	-.013623
Stddev	.179156	.0015380	.037552	.037418	.04185	.001319
%RSD	3.448060	.7152011	1.015529	.3860821	.3869037	9.679179

#1	5.207986	.2151504	3.658293	9.688877	10.78900	-.014938
#2	5.368607	.2134502	3.733058	9.655617	10.79500	-.012301
#3	5.010915	.2165202	3.701840	9.730303	10.86430	-.013629

Sample Name: L4870-16 Acquired: 12/04/2020 14:42:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN11 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152047	3.372386	2.365162	.0328062	1.573677	.1426771
Stddev	.0005015	.009898	.018224	.0027992	.003691	.0014683
%RSD	3.298085	.2934982	.7705342	8.532629	.2345766	1.029120

#1	.0157797	3.374593	2.360962	.0339410	1.570036	.1411067
#2	.0148579	3.380994	2.349404	.0348599	1.573579	.1429090
#3	.0149766	3.361571	2.385120	.0296178	1.577417	.1440158

Elem	Sr4077
Units	ppm
Avg	.2262738
Stddev	.0006281
%RSD	.2775666

#1	.2256554
#2	.2262548
#3	.2269111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.168	30217.75	8108.411	961.3842	1552.521
Stddev	1.799	35.49	36.043	5.5833	.644
%RSD	.1062492	.1174338	.4445190	.5807526	.0415007

#1	1692.902	30223.16	8111.852	966.4799	1551.997
#2	1695.085	30179.87	8142.611	955.4161	1553.241
#3	1691.517	30250.22	8070.771	962.2568	1552.326

Sample Name: L4870-17 Acquired: 12/04/2020 14:46:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652293	.0167613	1.016682	.0058164	.0318271	29.28886
Stddev	.0044654	.0016336	.000261	.0065412	.0040216	.04583
%RSD	6.845757	9.746328	.0257046	112.4619	12.63567	.1564768

#1	.0695219	.0171096	1.016537	-.001627	.0357036	29.24424
#2	.0655568	.0181927	1.016525	.010648	.0276747	29.33581
#3	.0606091	.0149816	1.016984	.008428	.0321029	29.28652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.191888	.0076218	.9429897	86.20129	21.19834	.1557376
Stddev	.008221	.0001480	.0013647	.16885	.03843	.0007492
%RSD	.1003532	1.941903	.1447170	.1958842	.1812687	.4810572

#1	8.200256	.0074710	.9421890	86.05470	21.18880	.1558963
#2	8.191585	.0077669	.9445654	86.38592	21.24064	.1563947
#3	8.183823	.0076274	.9422147	86.16326	21.16559	.1549218

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.917875	346.1422	.5132079	9.661527	4.104734	.0351337
Stddev	.007604	1.4166	.0024515	.046821	.008079	.0000190
%RSD	.2605901	.4092600	.4776735	.4846111	.1968175	.0540744

#1	2.925528	344.5977	.5105132	9.608484	4.096298	.0351180
#2	2.917774	347.3810	.5153061	9.678995	4.112401	.0351283
#3	2.910322	346.4480	.5138044	9.697103	4.105503	.0351549

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.484048	.1422058	6.411416	4.412704	F 20.12424	.1603746
Stddev	.097356	.0015210	.034007	.022509	.03872	.0018378
%RSD	1.501469	1.069614	.5304100	.5101005	.1923998	1.145937

#1	6.380573	.1410345	6.431015	4.413448	20.08342	.1603624
#2	6.497732	.1439248	6.372148	4.434831	20.16044	.1585430
#3	6.573838	.1416581	6.431084	4.389831	20.12887	.1622185

Sample Name: L4870-17 Acquired: 12/04/2020 14:46:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN12 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1590955	10.09731	7.834435	.8230334	3.917472	.0231726
Stddev	.0001809	.01974	.053083	.0026015	.008004	.0011937
%RSD	.1137051	.1955379	.6775643	.3160895	.2043166	5.151253

#1	.1590025	10.07622	7.781935	.8260152	3.908263	.0234334
#2	.1593040	10.10037	7.888083	.8212267	3.922755	.0218701
#3	.1589800	10.11535	7.833287	.8218584	3.921397	.0242144

Elem	Sr4077
Units	ppm
Avg	.5516229
Stddev	.0012067
%RSD	.2187452

#1	.5511695
#2	.5529905
#3	.5507086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.237	26254.48	7000.868	761.1735	1621.636
Stddev	1.936	47.00	37.199	4.9162	2.744
%RSD	.1395459	.1790065	.5313510	.6458688	.1691883

#1	1385.510	26213.27	7036.272	756.0430	1621.727
#2	1386.871	26244.52	6962.102	765.8428	1618.848
#3	1389.329	26305.67	7004.232	761.6346	1624.333

Sample Name: L4870-18 Acquired: 12/04/2020 14:54:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFN13 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0351614	.0029592	1.430976	.0089792	-.003657	85.04785	.5378943
Stddev	.0074953	.0026076	.005433	.0006307	.002439	.41805	.0013567
%RSD	21.31667	88.11940	.3796914	7.023593	66.68448	.4915452	.2522206

#1	.0378239	.0051597	1.437198	.0090381	-.003923	84.69951	.5366296
#2	.0409620	.0036387	1.427167	.0083211	-.001096	84.93261	.5377258
#3	.0266984	.0000791	1.428563	.0095783	-.005951	85.51143	.5393273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054425	2.661120	158.1105	3.468540	.0712541	1.232372	133.5491
Stddev	.0000687	.003238	.3969	.002003	.0002251	.001891	1.0185
%RSD	1.263078	.1216849	.2510568	.0577467	.3159280	.1534370	.7626131

#1	.0053647	2.664493	157.7323	3.470183	.0713484	1.230239	132.5059
#2	.0054674	2.658036	158.0753	3.469129	.0714167	1.233843	133.6006
#3	.0054952	2.660832	158.5238	3.466309	.0709971	1.233033	134.5408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.640346	65.83941	4.841269	.0214601	3.128212	.1683452	8.556774
Stddev	.004174	.59474	.012729	.0002588	.228924	.0032441	.109414
%RSD	.1580849	.9033267	.2629249	1.206208	7.318056	1.927083	1.278684

#1	2.637849	65.21194	4.843164	.0214500	3.385253	.1646331	8.447076
#2	2.638026	65.91141	4.827699	.0212064	2.946270	.1697652	8.557343
#3	2.645165	66.39487	4.852944	.0217238	3.053114	.1706372	8.665902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.696853	6.486295	-.002444	.0462753	1.590812	2.548522	.0249095
Stddev	.011776	.008696	.001374	.0003286	.007247	.004098	.0020055
%RSD	.1529926	.1340687	56.22082	.7102095	.4555536	.1608110	8.051220

#1	7.692031	6.480355	-.003591	.0466278	1.597429	2.550874	.0265627
#2	7.710274	6.482253	-.002818	.0459774	1.583067	2.543790	.0226785
#3	7.688253	6.496276	-.000921	.0462207	1.591940	2.550903	.0254873

Sample Name: L4870-18 Acquired: 12/04/2020 14:54:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8896377	.1124261	.2049832
Stddev	.0059524	.0010322	.0008398
%RSD	.6690859	.9181295	.4096903

#1	.8842758	.1116944	.2042909
#2	.8885947	.1119770	.2047413
#3	.8960428	.1136067	.2059174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.537	29828.91	7995.793	933.3777	1557.422
Stddev	2.462	78.67	35.061	8.3353	3.060
%RSD	.1495005	.2637238	.4384874	.8930238	.1964886

#1	1643.699	29907.78	8023.127	940.9398	1554.499
#2	1648.093	29750.45	8007.990	934.7530	1560.603
#3	1647.819	29828.51	7956.263	924.4403	1557.164

Sample Name: L4870-19 Acquired: 12/04/2020 14:58:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584464	-.000335	.5294684	.0113761	.0010740	55.26553	.3911015
Stddev	.0105525	.006240	.0032299	.0041217	.0025012	.18935	.0017350
%RSD	18.05493	1860.667	.6100261	36.23145	232.8967	.3426234	.4436236

#1	.0687112	.005324	.5288297	.0070245	.0039504	55.08814	.3929508
#2	.0476281	-.007027	.5329700	.0118826	-.000589	55.46493	.3908441
#3	.0590000	.000698	.5266056	.0152211	-.000139	55.24351	.3895095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043441	.0223840	705.2513	.4759850	.1244006	.2791559	129.5842
Stddev	.0000709	.0002548	2.3824	.0008983	.0002490	.0008624	1.3882
%RSD	1.631612	1.138318	.3378098	.1887297	.2001523	.3089247	1.071244

#1	.0043049	.0226733	704.3659	.4759049	.1241814	.2796694	127.9823
#2	.0043014	.0221931	707.9496	.4751293	.1246713	.2796380	130.4342
#3	.0044259	.0222855	703.4383	.4769206	.1243490	.2781603	130.3360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.837884	312.8687	.2286408	.0001519	3.707079	.1384461	1.222247
Stddev	.024836	3.0283	.0017253	.0001416	.230278	.0046713	.004483
%RSD	.5133547	.9679080	.7545743	93.20282	6.211842	3.374113	.3667992

#1	4.862653	309.3741	.2276755	.0000163	3.944648	.1341211	1.221561
#2	4.838016	314.7243	.2276142	.0002988	3.691730	.1378170	1.218146
#3	4.812983	314.5076	.2306326	.0001406	3.484861	.1434000	1.227033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.35504	4.924671	.0786079	.0029116	3.516166	2.322436	.0345734
Stddev	.01891	.013395	.0035658	.0005892	.005859	.026728	.0024728
%RSD	.1530666	.2720071	4.536165	20.23598	.1666228	1.150876	7.152395

#1	12.35137	4.914766	.0773524	.0034119	3.522918	2.295638	.0355191
#2	12.37552	4.939913	.0758397	.0022622	3.513145	2.349094	.0364338
#3	12.33823	4.919335	.0826317	.0030607	3.512434	2.322577	.0317673

Sample Name: L4870-19 Acquired: 12/04/2020 14:58:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFN14 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.210580	.1426722	.6120780
Stddev	.006239	.0009090	.0005595
%RSD	.5153719	.6371354	.0914108

#1	1.203584	.1420055	.6122245
#2	1.215566	.1437077	.6125496
#3	1.212590	.1423035	.6114598

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.512	27699.59	7543.471	864.9069	1386.830
Stddev	3.380	76.83	39.757	1.2214	3.347
%RSD	.2234949	.2773853	.5270334	.1412162	.2413630

#1	1510.143	27611.83	7570.915	863.4966	1382.989
#2	1511.010	27732.21	7497.879	865.6090	1388.378
#3	1516.383	27754.74	7561.620	865.6152	1389.123

Sample Name: L4870-20 Acquired: 12/04/2020 15:25:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285962	-.000047	.3093046	.0014115	.0020473	94.04854	.7795702
Stddev	.0041757	.001041	.0025812	.0066114	.0033155	.10315	.0015371
%RSD	14.60227	2199.852	.8345080	468.3949	161.9398	.1096786	.1971725

#1	.0282321	-.000571	.3120018	.0082467	.0045103	94.16222	.7806039
#2	.0329419	-.000722	.3090542	.0009384	-.001722	94.02248	.7778039
#3	.0246144	.001151	.3068577	-.004951	.003354	93.96092	.7803030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078147	.0511048	130.7839	.3718459	.0684804	.2884627	64.24308
Stddev	.0001513	.0001109	.3555	.0002682	.0004383	.0007426	.17538
%RSD	1.935657	.2169355	.2717989	.0721213	.6400602	.2574243	.2729903

#1	.0078647	.0512253	130.9349	.3715378	.0688611	.2876121	64.31965
#2	.0076448	.0510072	130.3778	.3720270	.0680012	.2889816	64.36716
#3	.0079346	.0510820	131.0388	.3719730	.0685789	.2887944	64.04244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4956814	34.89927	.2613685	.0061728	202.9288	.0178840	3.550577
Stddev	.0015963	.14264	.0006529	.0001112	.0822	.0005549	.013373
%RSD	.3220490	.4087318	.2498161	1.801571	.0404934	3.102594	.3766469

#1	.4949610	35.05470	.2608038	.0061071	202.8506	.0182465	3.544764
#2	.4945722	34.86876	.2612183	.0063012	203.0144	.0172452	3.541094
#3	.4975110	34.77435	.2620835	.0061102	202.9214	.0181604	3.565873

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.01335	3.127256	.0192964	.0066719	2.910395	2.233973	.0416373
Stddev	.06709	.007430	.0012332	.0002020	.003314	.004350	.0018323
%RSD	.3943237	.2375993	6.390679	3.028297	.1138714	.1947288	4.400582

#1	16.94029	3.129821	.0196425	.0068574	2.908202	2.235657	.0426621
#2	17.07219	3.133065	.0203195	.0067017	2.908776	2.229033	.0427280
#3	17.02757	3.118883	.0179271	.0064566	2.914207	2.237230	.0395220

Sample Name: L4870-20 Acquired: 12/04/2020 15:25:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFN15 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0995055	.1066580	1.369503
Stddev	.0006363	.0014711	.002235
%RSD	.6394822	1.379243	.1631868

#1	.0995914	.1066531	1.371088
#2	.0988306	.1081315	1.370473
#3	.1000945	.1051894	1.366947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.565	32210.13	8658.101	1029.585	1499.383
Stddev	4.653	78.72	10.556	6.627	4.258
%RSD	.2564425	.2444046	.1219166	.6436354	.2840029

#1	1813.948	32300.85	8649.458	1032.119	1494.548
#2	1810.251	32169.68	8669.866	1034.571	1502.576
#3	1819.496	32159.86	8654.980	1022.065	1501.026

Sample Name: L4870-21 Acquired: 12/04/2020 15:29:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFN16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391480	.0033294	.1644432	.0022781	-.001279	80.12491	.3454225
Stddev	.0071471	.0040939	.0003034	.0040921	.001659	.08948	.0012047
%RSD	18.25670	122.9600	.1845316	179.6302	129.6494	.1116736	.3487486

#1	.0308956	-.001392	.1645573	.0069801	.000156	80.17268	.3444169
#2	.0432015	.005491	.1646730	-.000477	-.003095	80.02168	.3467576
#3	.0433469	.005889	.1640992	.000332	-.000899	80.18037	.3450930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044685	.0927081	13.06148	.5460854	.0468142	.3565097	153.7304
Stddev	.0000559	.0003418	.01655	.0006501	.0001535	.0007375	.6482
%RSD	1.251352	.3687276	.1267329	.1190397	.3278609	.2068547	.4216737

#1	.0044542	.0924160	13.04731	.5456293	.0468258	.3556880	154.4235
#2	.0044212	.0930841	13.05746	.5468298	.0469616	.3571142	153.1389
#3	.0045302	.0926243	13.07967	.5457972	.0466553	.3567268	153.6289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.916550	18.03237	.4591591	.0023188	3.104270	.1731699	.8992460
Stddev	.005387	.06099	.0010708	.0004794	.063801	.0008336	.0025781
%RSD	.2810895	.3382008	.2332136	20.67288	2.055274	.4813584	.2866952

#1	1.916505	18.09936	.4591897	.0027379	3.166079	.1722833	.8968533
#2	1.911185	17.98007	.4602143	.0024222	3.108084	.1732888	.9019762
#3	1.921959	18.01769	.4580734	.0017961	3.038648	.1739376	.8989087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.634247	3.564525	.0376394	.0730010	2.344961	2.055995	.0046150
Stddev	.047005	.004802	.0011695	.0002475	.011186	.014255	.0016198
%RSD	.7085143	.1347098	3.107017	.3390938	.4770130	.6933609	35.09897

#1	6.650139	3.560006	.0363862	.0729765	2.349345	2.064960	.0044420
#2	6.581356	3.569566	.0387016	.0732599	2.353290	2.039556	.0030886
#3	6.671245	3.564003	.0378305	.0727667	2.332247	2.063468	.0063143

Sample Name: L4870-21 Acquired: 12/04/2020 15:29:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFN16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6339883	.1151449	.0537668
Stddev	.0020897	.0007073	.0002125
%RSD	.3296184	.6142867	.3951755

#1	.6316807	.1145514	.0539766
#2	.6345314	.1159276	.0535517
#3	.6357529	.1149558	.0537721

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.650	31508.56	8492.481	1008.178	1653.534
Stddev	4.062	81.64	21.912	2.430	2.490
%RSD	.2287386	.2591192	.2580160	.2410520	.1505788

#1	1780.184	31433.30	8467.384	1005.403	1655.726
#2	1774.423	31497.02	8502.247	1009.923	1650.827
#3	1772.344	31595.36	8507.811	1009.210	1654.048

Sample Name: PB133294BS Acquired: 12/04/2020 15:33:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS294 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248129	.0634493	.0243142	.0824071	.1341465	.4634373
Stddev	.0033483	.0051442	.0023415	.0033941	.0024507	.0050820
%RSD	13.49430	8.107561	9.630306	4.118657	1.826878	1.096580

#1	.0218000	.0575165	.0257391	.0791404	.1369430	.4630005
#2	.0242210	.0661618	.0255918	.0859156	.1323732	.4585879
#3	.0284177	.0666696	.0216118	.0821652	.1331233	.4687236

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3384704	.0121592	.0113959	11.14684	.0234316	.1108287
Stddev	.0011585	.0000456	.0001531	.04793	.0006688	.0010389
%RSD	.3422711	.3751017	1.343704	.4299743	2.854283	.9373957

#1	.3386390	.0121352	.0115209	11.11793	.0234475	.1101361
#2	.3372369	.0121305	.0112251	11.12043	.0227550	.1103268
#3	.3395354	.0122118	.0114416	11.20216	.0240923	.1120233

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596336	.2545079	.0361014	11.80225	.0909604	.0220180
Stddev	.0028280	.0056640	.0002513	.09330	.0008809	.0003383
%RSD	4.742203	2.225476	.6960431	.7905056	.9684407	1.536444

#1	.0606039	.2481602	.0358501	11.72395	.0901818	.0216606
#2	.0618487	.2563178	.0361014	11.77732	.0907830	.0220602
#3	.0564483	.2590459	.0363527	11.90548	.0919166	.0223332

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.61469	.1216329	.1351548	10.48215	.0228847	F .0157940
Stddev	.15776	.0028762	.0007740	.09580	.0027573	.0013186
%RSD	1.486240	2.364684	.5726370	.9139230	12.04848	8.348834

#1	10.61056	.1213100	.1350825	10.37393	.0259976	.0144557
#2	10.45904	.1189317	.1344196	10.51643	.0207496	.0158342
#3	10.77448	.1246570	.1359624	10.55610	.0219069	.0170920

Sample Name: PB133294BS Acquired: 12/04/2020 15:33:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS294 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238035	.1843561	.2293902	.0113594	.2362273	F .1041457
Stddev	.0003199	.0015392	.0010694	.0008487	.0016039	.0005619
%RSD	1.343801	.8349257	.4662048	7.471305	.6789795	.5394890
#1	.0240821	.1854025	.2283680	.0121734	.2350248	.1040388
#2	.0238743	.1850771	.2293011	.0114249	.2356087	.1036450
#3	.0234542	.1825887	.2305013	.0104799	.2380484	.1047534

Elem	Sr4077
Units	ppm
Avg	.2425741
Stddev	.0005083
%RSD	.2095449
#1	.2425396
#2	.2420839
#3	.2430987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.313	25648.73	6745.919	827.9957	1681.090
Stddev	2.305	91.11	39.664	1.3099	4.087
%RSD	.1588262	.3552298	.5879750	.1582057	.2431449
#1	1452.937	25584.80	6785.225	828.6504	1681.533
#2	1448.675	25608.34	6746.628	828.8492	1684.938
#3	1452.328	25753.06	6705.905	826.4874	1676.799

Sample Name: CCV081 Acquired: 12/04/2020 15:37:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.268189	4.879582	25.22549	5.420331	5.109476	418.1308	10.33651
Stddev	.014305	.024748	.16407	.017881	.009029	3.9921	.01951
%RSD	.2715385	.5071744	.6504174	.3298936	.1767151	.9547608	.1887579

#1	5.283532	4.857496	25.09603	5.429454	5.119686	413.9042	10.31556
#2	5.265816	4.874922	25.17043	5.399728	5.102541	421.8376	10.33979
#3	5.255218	4.906329	25.41001	5.431811	5.106202	418.6506	10.35417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5127204	2.514051	395.8256	15.20840	2.540477	15.22191	424.8416
Stddev	.0046713	.015208	.4779	.01331	.016234	.04399	.7258
%RSD	.9110881	.6049249	.1207423	.0874882	.6389999	.2889718	.1708289

#1	.5103094	2.501729	395.5519	15.19371	2.529348	15.27246	425.0087
#2	.5181046	2.509377	396.3774	15.21965	2.532979	15.20092	425.4692
#3	.5097471	2.531048	395.5473	15.21183	2.559105	15.19235	424.0469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85815	418.7421	2.442645	1.288361	412.2850	2.609892	16.13221
Stddev	.02891	.3744	.015535	.002590	.3494	.005362	.08347
%RSD	.1945659	.0894186	.6359875	.2010558	.0847533	.2054531	.5174399

#1	14.88830	418.8643	2.433016	1.290415	412.1947	2.609431	16.20051
#2	14.85548	419.0401	2.434351	1.285451	411.9896	2.604775	16.03916
#3	14.83067	418.3218	2.460566	1.289217	412.6708	2.615470	16.15697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.2936	5.122936	5.146431	5.106679	5.440377	5.063969	5.063507
Stddev	.1880	.034325	.030123	.001086	.051837	.026933	.025790
%RSD	.1210336	.6700334	.5853187	.0212587	.9528254	.5318539	.5093311

#1	155.3211	5.103380	5.123626	5.107929	5.380574	5.040005	5.050299
#2	155.4662	5.102857	5.180579	5.105977	5.472486	5.093117	5.046997
#3	155.0933	5.162570	5.135089	5.106130	5.468070	5.058786	5.093226

Sample Name: CCV081 Acquired: 12/04/2020 15:37:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.235912	5.267456	5.370503
Stddev	.001883	.010537	.053766
%RSD	.0359538	.2000321	1.001138

#1	5.236798	5.263106	5.349091
#2	5.233750	5.259792	5.431676
#3	5.237188	5.279472	5.330742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1235.943	23489.57	6416.237	693.9665	1329.532
Stddev	2.010	55.34	35.023	2.1985	6.325
%RSD	.1626466	.2356006	.5458458	.3168044	.4757150

#1	1233.838	23482.63	6419.278	691.4323	1332.914
#2	1237.843	23438.03	6379.792	695.3634	1333.447
#3	1236.146	23548.06	6449.639	695.1038	1322.235

Sample Name: CCB081 Acquired: 12/04/2020 15:42:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047321	.0038569	.0020964	-.000005	-.002368	.0018501	-.004802
Stddev	.0020700	.0024270	.0015446	.002996	.000411	.0045319	.000509
%RSD	43.74325	62.92804	73.67671	58604.10	17.36146	244.9621	10.60052

#1	.0053259	.0061448	.0003133	.002202	-.001902	-.002645	-.004972
#2	.0064403	.0013113	.0029558	-.003415	-.002680	.006418	-.005204
#3	.0024301	.0041144	.0030202	.001198	-.002521	.001778	-.004230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001910	.0001640	-.001733	-.000210	.0005014	-.001514	.0058007
Stddev	.0001070	.0000901	.002002	.000384	.0001313	.001210	.0100390
%RSD	55.99801	54.92801	115.5261	183.1139	26.19604	79.95114	173.0646

#1	.0001364	.0002577	.000577	-.000175	.0003573	-.002787	.0154340
#2	.0003142	.0001563	-.002974	-.000609	.0005324	-.001374	.0065679
#3	.0001224	.0000780	-.002803	.000156	.0006145	-.000379	-.004600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002355	-.011125	-.000006	.0006470	-.263259	-.000595	.0001014
Stddev	.0004238	.024839	.000243	.0004545	.342857	.000430	.0022545
%RSD	179.9353	223.2612	3803.775	70.24484	130.2358	72.25807	2223.632

#1	.0007084	.009342	.000035	.0006038	-.657633	-.000422	-.002501
#2	.0001080	-.038759	.000213	.0002157	-.096123	-.000279	.001446
#3	-.000110	-.003959	-.000267	.0011216	-.036021	-.001085	.001360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339716	.0007702	.0048320	.0001028	-.001281	.0019235	-.004253
Stddev	.0360160	.0026262	.0008085	.0007765	.002257	.0010268	.001309
%RSD	106.0178	340.9839	16.73157	755.0699	176.1766	53.38065	30.79027

#1	.0213002	.0012145	.0048294	.0006796	-.001114	.0014041	-.005575
#2	.0060039	.0031458	.0056417	-.000780	-.003617	.0031063	-.004227
#3	.0746108	-.002050	.0040248	.000409	.000888	.0012602	-.002956

Sample Name: CCB081 Acquired: 12/04/2020 15:42:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1333) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000872	-.002026	-.000039
Stddev	.000456	.000654	.000005
%RSD	52.26693	32.26941	12.28648

#1	-.000461	-.001279	-.000035
#2	-.000793	-.002493	-.000037
#3	-.001362	-.002307	-.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1457.617	25696.42	6703.077	831.4386	1692.145
Stddev	3.532	44.44	5.823	.4389	2.810
%RSD	.2423241	.1729572	.0868746	.0527833	.1660693

#1	1454.455	25709.60	6706.389	831.1161	1691.420
#2	1456.966	25646.88	6706.489	831.9383	1689.768
#3	1461.429	25732.79	6696.353	831.2612	1695.246